

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072318\
 Data File : VN050002.D
 Acq On : 23 Jul 2018 10:17
 Operator : MD\SY
 Sample : VN0723WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Manual Integrations
 APPROVED

sam
 7/24/2018 5:46:46 PM

Quant Time: Jul 24 05:03:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	583819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	865547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	777593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	399478	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	385179	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	7.59	113	341995	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	10.09	98	1236256	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
62) 4-Bromofluorobenzene	12.40	95	412771	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	95841	17.06	ug/l	99
3) Chloromethane	2.06	50	123578	15.51	ug/l	99
4) Vinyl Chloride	2.18	62	139119	16.37	ug/l	99
5) Bromomethane	2.56	94	91448	18.02	ug/l	98
6) Chloroethane	2.70	64	92634	16.69	ug/l	98
7) Trichlorofluoromethane	3.01	101	201249	17.22	ug/l	96
8) Diethyl Ether	3.41	74	74085	18.17	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	128498	17.84	ug/l	99
10) Methyl Iodide	3.95	142	129606	13.41	ug/l	98
11) Tert butyl alcohol	4.81	59	50139	87.71	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	108298	17.11	ug/l	99
13) Acrolein	3.61	56	19409	52.69	ug/l	94
14) Allyl chloride	4.32	41	179262	17.97	ug/l	98
15) Acrylonitrile	4.99	53	228735	90.98	ug/l	100
16) Acetone	3.82	43	189180	91.06	ug/l	98
17) Carbon Disulfide	4.04	76	277426	14.65	ug/l	100
18) Methyl Acetate	4.33	43	140201	21.00	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	332669	19.10	ug/l	98
20) Methylene Chloride	4.55	84	135589	17.16	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	117712	17.51	ug/l	99
22) Diisopropyl ether	5.96	45	401326	19.71	ug/l	99
23) Vinyl Acetate	5.90	43	1297957	90.85	ug/l	99
24) 1,1-Dichloroethane	5.85	63	242265	18.53	ug/l	100
25) 2-Butanone	6.84	43	277786	93.56	ug/l	97
26) 2,2-Dichloropropane	6.82	77	205557	20.21	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	137795	18.68	ug/l	98
28) Bromochloromethane	7.19	49	119472	20.24	ug/l	98
29) Tetrahydrofuran	7.22	42	173280	92.64	ug/l	99
30) Chloroform	7.37	83	250660	18.68	ug/l	100
31) Cyclohexane	7.65	56	185695	17.45	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	209827	18.09	ug/l	98
36) 1,1-Dichloropropene	7.79	75	172596	17.93	ug/l	100
37) Ethyl Acetate	6.93	43	118638	17.95	ug/l	100
38) Carbon Tetrachloride	7.77	117	184870	17.93	ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
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Instrument :
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Manual Integrations
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 7/24/2018 5:46:46 PM

Quant Time: Jul 24 05:03:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	171733	17.27	ug/l	97
40) Benzene	8.04	78	537371	18.32	ug/l	100
41) Methacrylonitrile	7.18	41	56351	17.01	ug/l #	84
42) 1,2-Dichloroethane	8.13	62	179906	18.52	ug/l	100
43) Isopropyl Acetate	8.17	43	215077	18.63	ug/l	97
44) Trichloroethene	8.83	130	142611	18.54	ug/l	99
45) 1,2-Dichloropropane	9.12	63	147551	18.65	ug/l	99
46) Dibromomethane	9.21	93	90363	18.41	ug/l	98
47) Bromodichloromethane	9.40	83	192476	18.96	ug/l	96
48) Methyl methacrylate	9.20	41	101466	17.52	ug/l	100
49) 1,4-Dioxane	9.20	88	28168	342.85	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	607246	94.09	ug/l	99
52) Toluene	10.16	92	336468	19.23	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	185046	18.44	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	213307	19.23	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	133569	18.48	ug/l	99
56) Ethyl methacrylate	10.43	69	154420	17.38	ug/l	98
57) 1,3-Dichloropropane	10.71	76	212372	18.66	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	382865	90.39	ug/l	99
59) 2-Hexanone	10.75	43	402383	92.82	ug/l	99
60) Dibromochloromethane	10.90	129	145466	18.35	ug/l	100
61) 1,2-Dibromoethane	11.01	107	121504	17.99	ug/l	97
64) Tetrachloroethene	10.63	164	136676	19.56	ug/l	99
65) Chlorobenzene	11.44	112	365415	18.70	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	141730	18.73	ug/l	99
67) Ethyl Benzene	11.51	91	595168	18.78	ug/l	99
68) m/p-Xylenes	11.62	106	462125	38.52	ug/l	99
69) o-Xylene	11.95	106	220432	19.13	ug/l	98
70) Styrene	11.97	104	366905	19.66	ug/l	99
71) Bromoform	12.13	173	99757	18.43	ug/l #	99
73) Isopropylbenzene	12.25	105	593836	19.57	ug/l	100
74) N-amyl acetate	12.07	43	166049	17.98	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	164736	18.12	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	139358m	18.60	ug/l	
77) Bromobenzene	12.53	156	156146	18.63	ug/l	97
78) n-propylbenzene	12.59	91	696796	20.20	ug/l	100
79) 2-Chlorotoluene	12.68	91	425610	20.09	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	499342	20.53	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	41762	17.43	ug/l	95
82) 4-Chlorotoluene	12.77	91	422550	19.88	ug/l	99
83) tert-Butylbenzene	12.99	119	427471	20.01	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	514903	20.90	ug/l	99
85) sec-Butylbenzene	13.17	105	584338	20.70	ug/l	99
86) p-Isopropyltoluene	13.29	119	498642	20.72	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	281066	19.25	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	274591	18.76	ug/l	100
89) n-Butylbenzene	13.62	91	394040	19.83	ug/l	98
90) Hexachloroethane	13.88	117	96089	17.79	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	277166	19.31	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24266	17.28	ug/l	99

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ClientSampleId :
VN0723WBS01

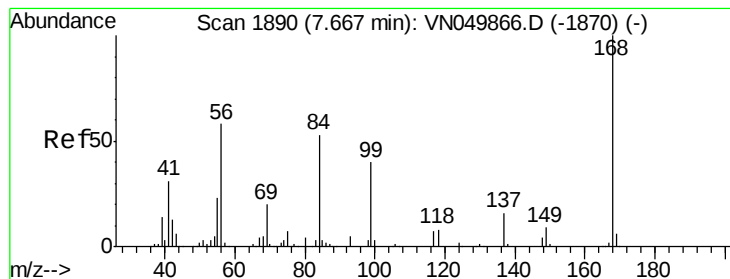
Manual Integrations
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7/24/2018 5:46:46 PM

Quant Time: Jul 24 05:03:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	122027	17.82	ug/l	98
94) Hexachlorobutadiene	15.01	225	89990	19.13	ug/l	99
95) Naphthalene	15.14	128	239562	16.02	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	129272	18.77	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

Tot Ion:168 Resp: 583819

Ion Ratio Lower Upper

168 100

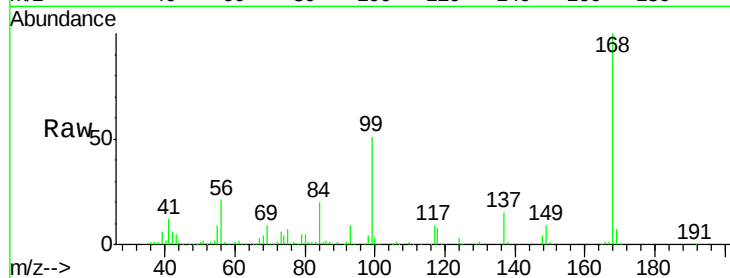
99 50.5 40.6 61.0

Manual Integrations

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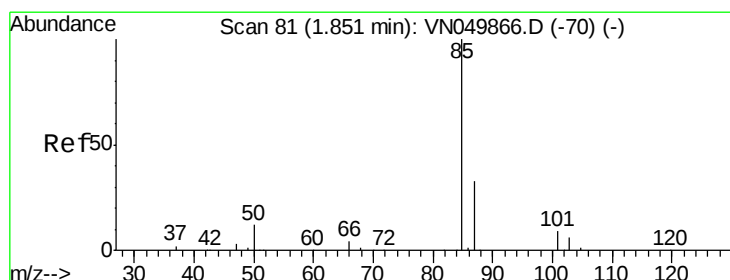
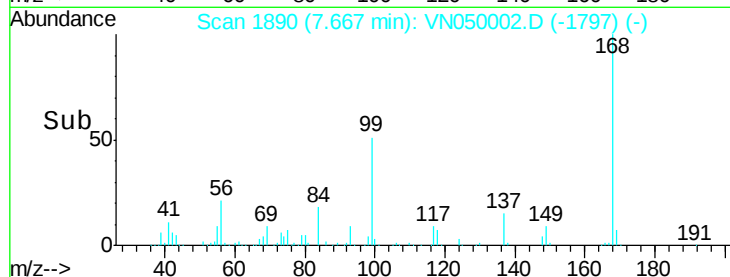
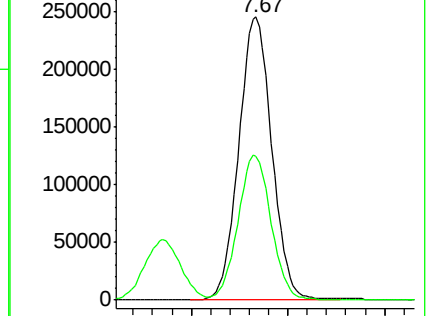
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 17.06 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN050002.D

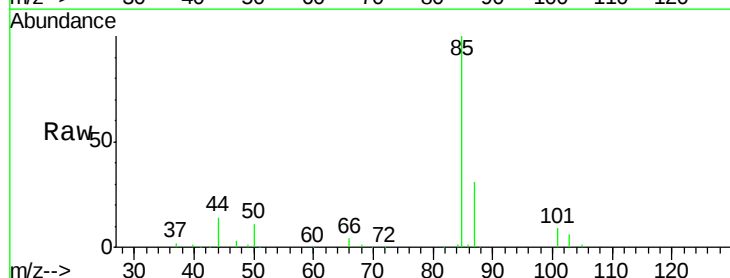
Acq: 23 Jul 2018 10:17

Tgt Ion: 85 Resp: 95841

Ion Ratio Lower Upper

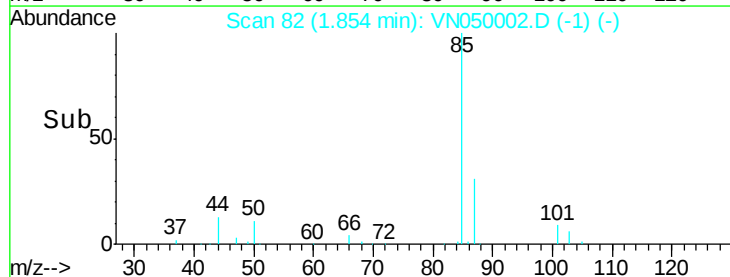
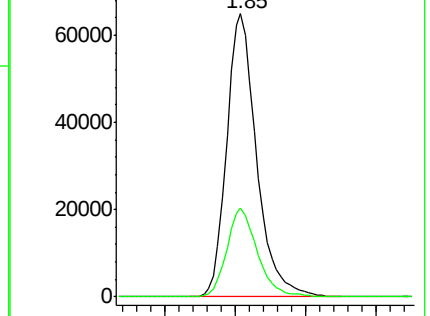
85 100

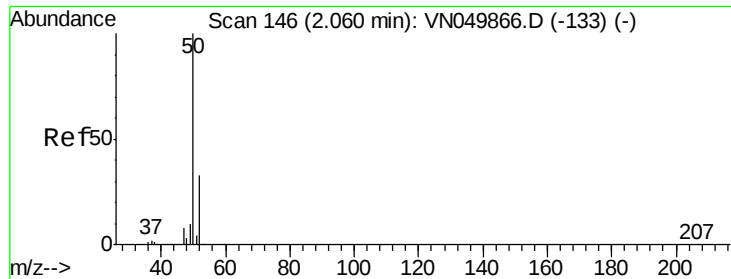
87 31.2 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 15.51 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

Tot Ion: 50 Resp: 123578

Ion Ratio Lower Upper

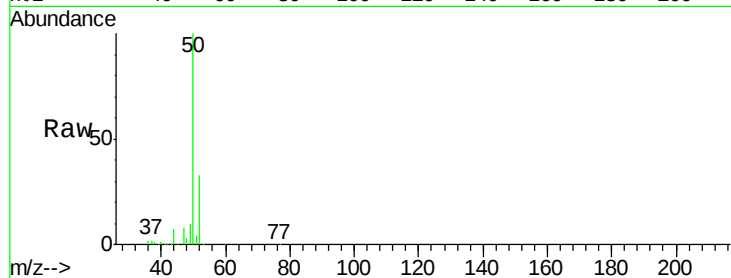
50 100

52 33.4 26.1 39.1

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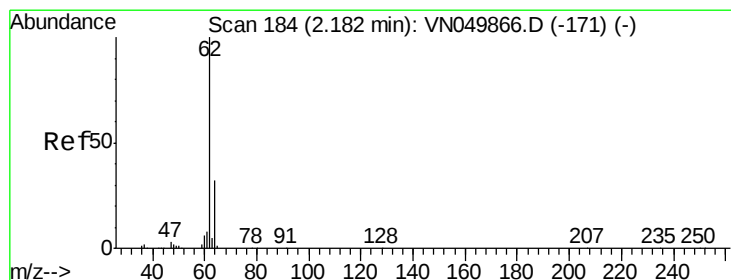
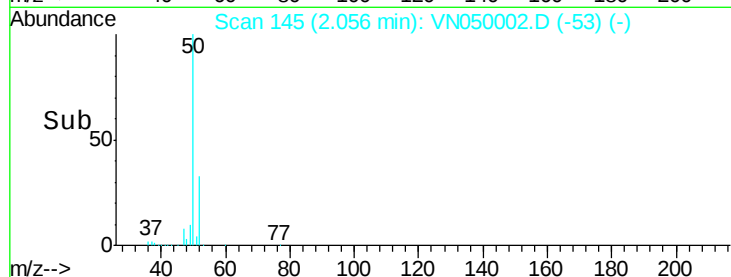
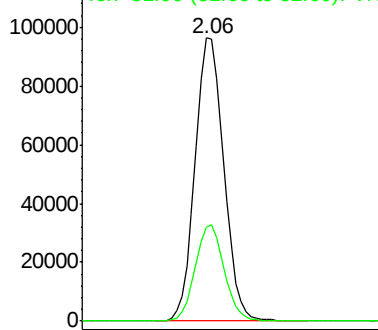
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 16.37 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050002.D

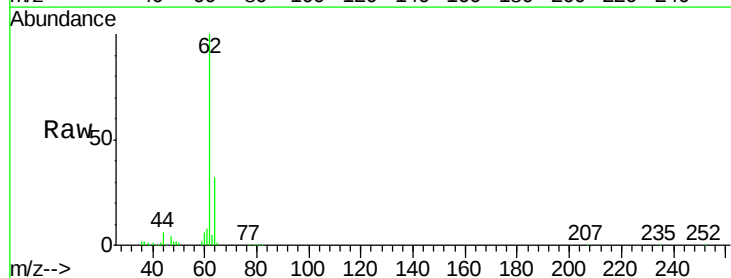
Acq: 23 Jul 2018 10:17

Tgt Ion: 62 Resp: 139119

Ion Ratio Lower Upper

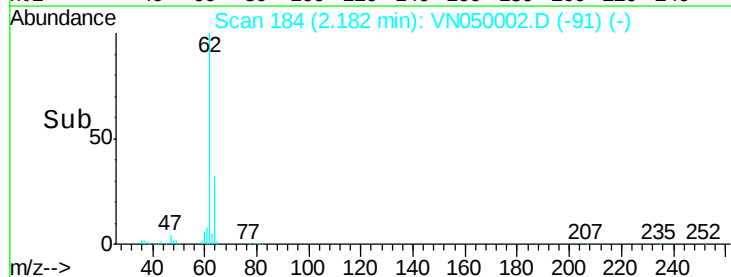
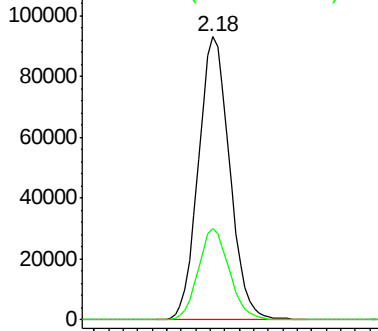
62 100

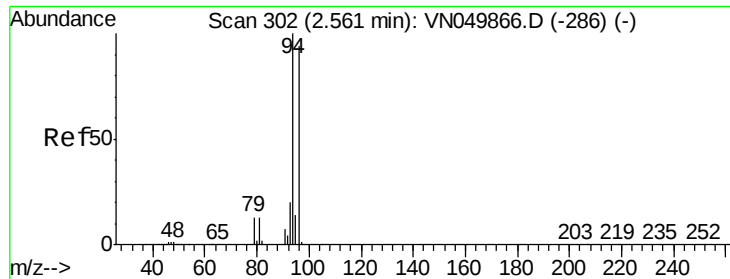
64 32.4 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.02 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

Tot Ion: 94 Resp: 91448

Ion Ratio Lower Upper

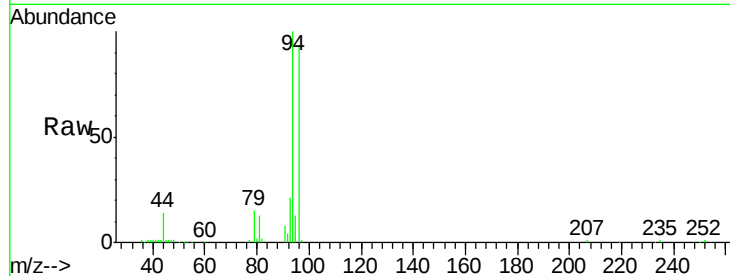
94 100

96 93.0 75.7 113.5

Manual Integrations
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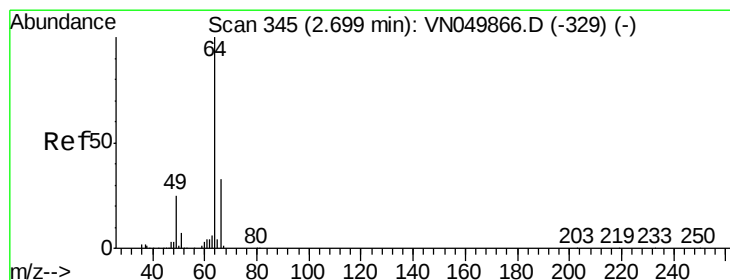
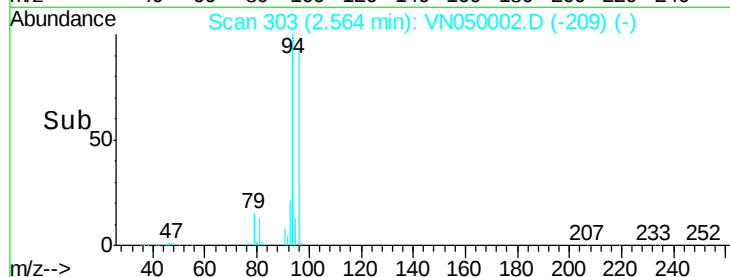
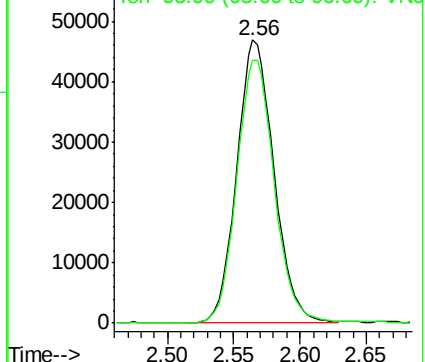
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 16.69 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050002.D

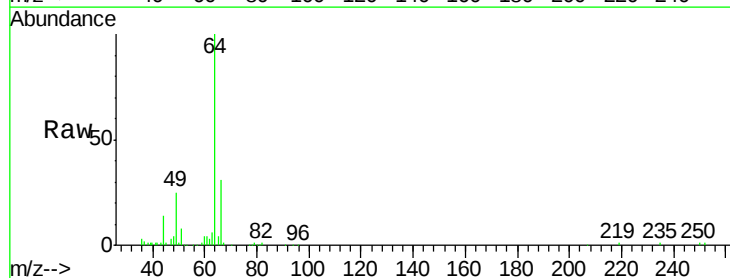
Acq: 23 Jul 2018 10:17

Tgt Ion: 64 Resp: 92634

Ion Ratio Lower Upper

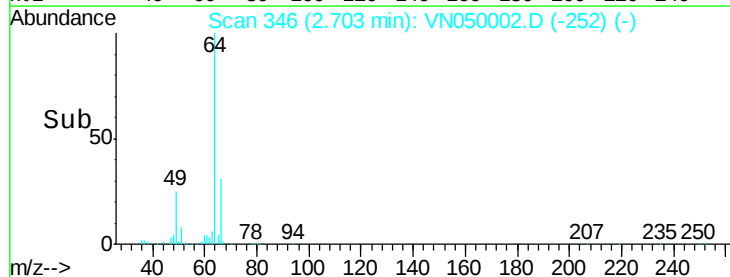
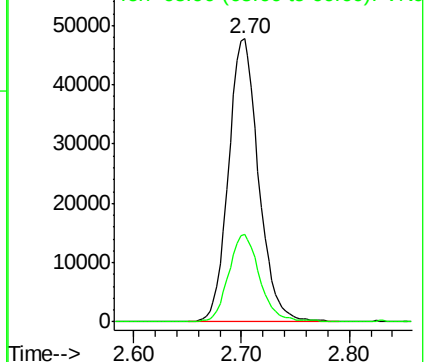
64 100

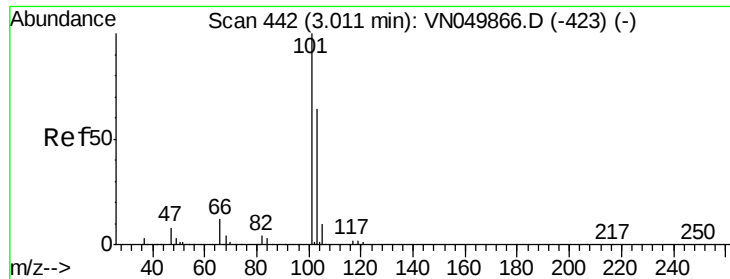
66 30.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

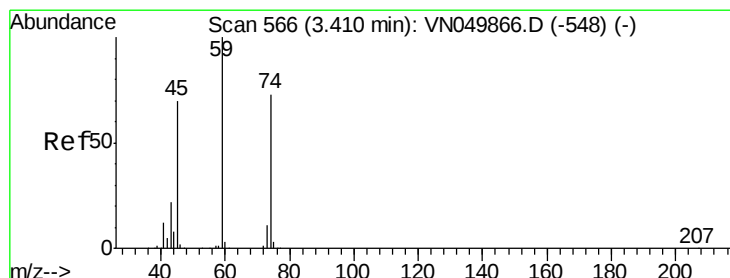
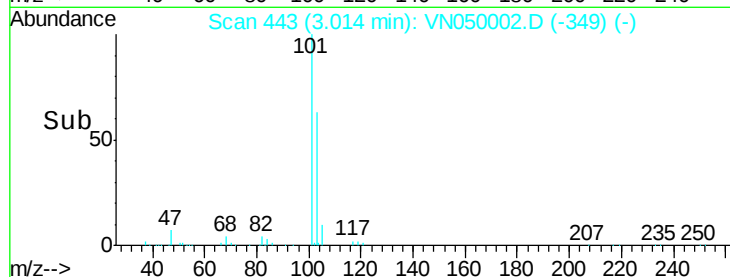
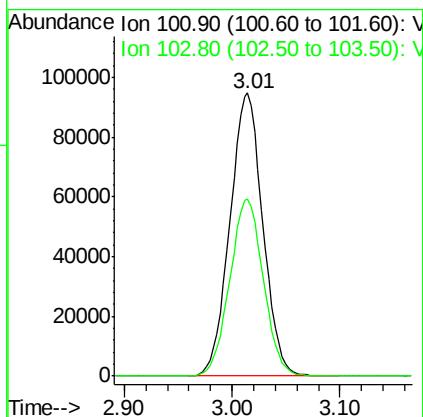
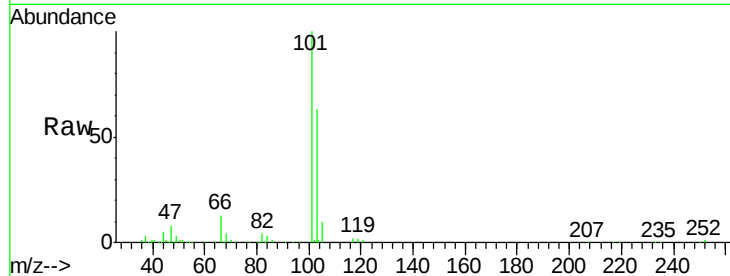
Trichlorofluoromethane
 Concen: 17.22 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Instrument :
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 VN0723WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	52.8	79.2

Manual Integrations
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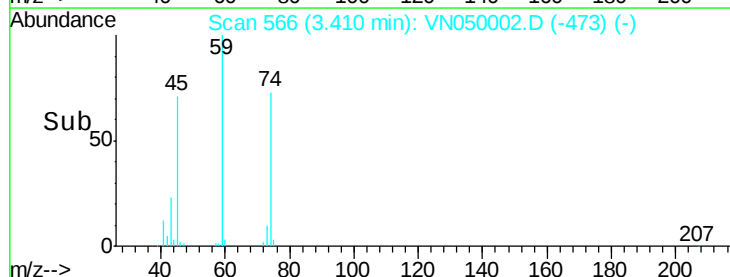
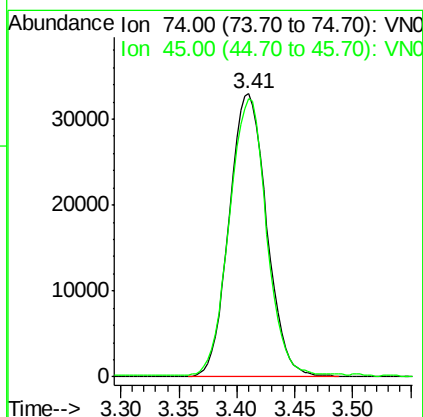
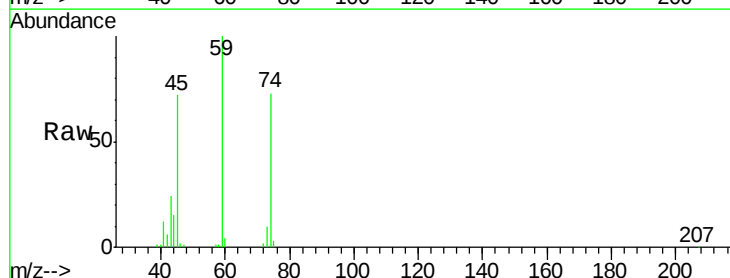
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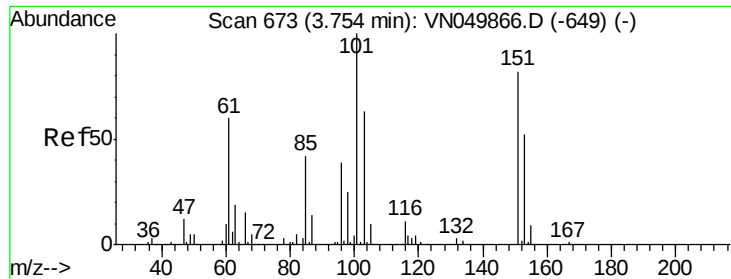


#8

Diethyl Ether
 Concen: 18.17 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.84 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

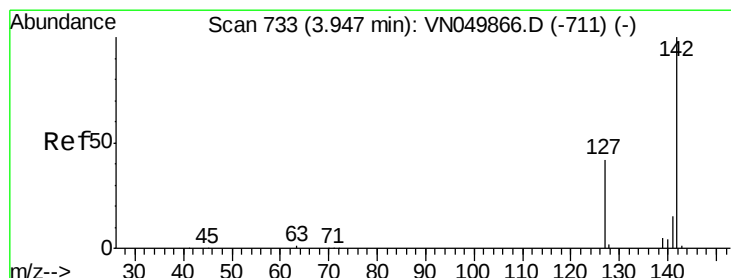
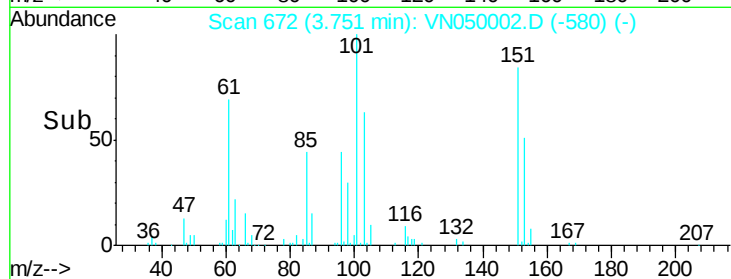
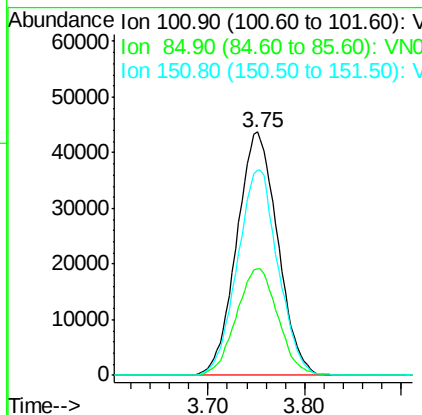
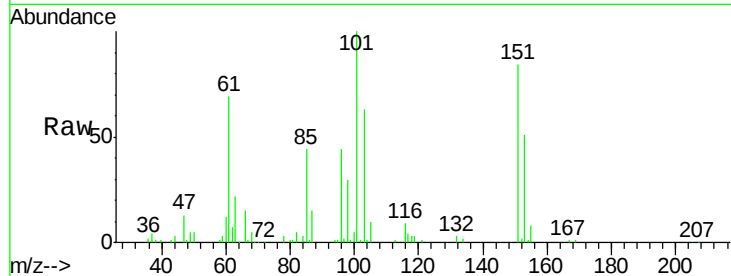
ClientSampleId :

VN0723WBS01

Tot Ion:	101	Resp:	128498
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.4	51.6
151	83.9	66.2	99.4

Manual Integrations
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sam
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#10

Methyl Iodide

Concen: 13.41 ug/l

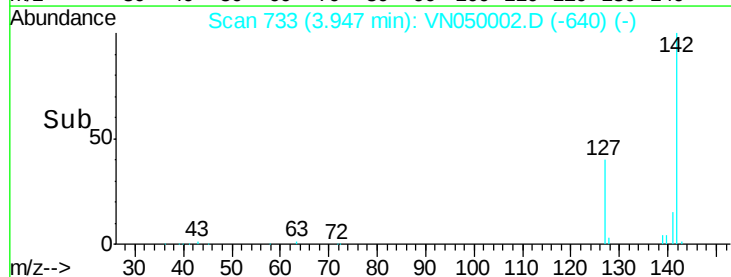
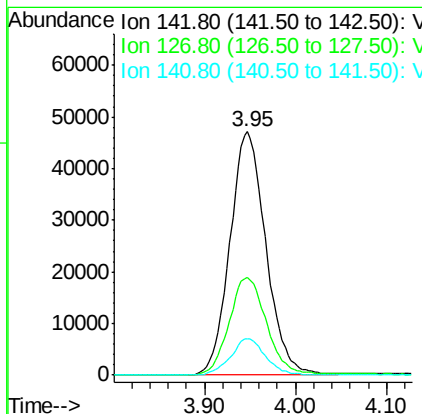
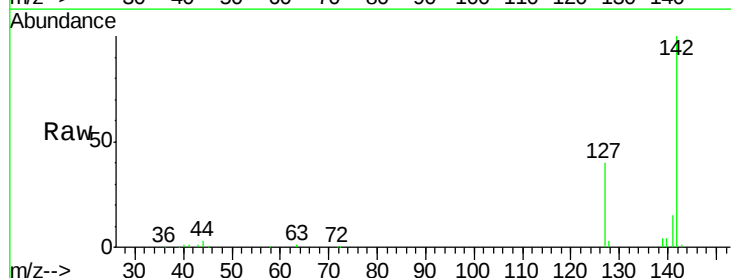
RT: 3.95 min Scan# 733

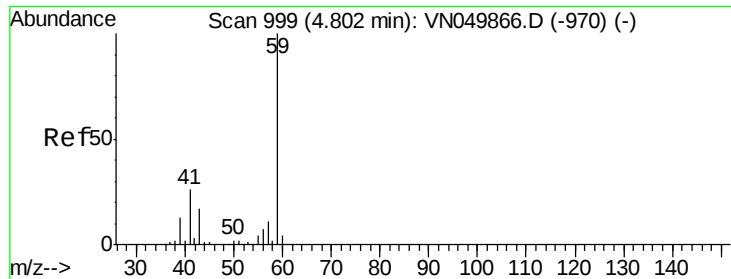
Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Tgt Ion:	142	Resp:	129606
Ion Ratio	Lower	Upper	
142	100		
127	41.9	32.5	48.7
141	14.5	11.1	16.7





#11

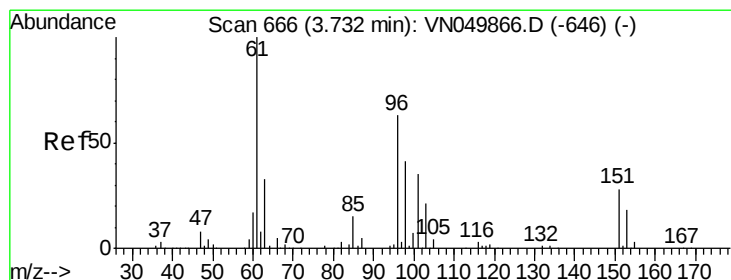
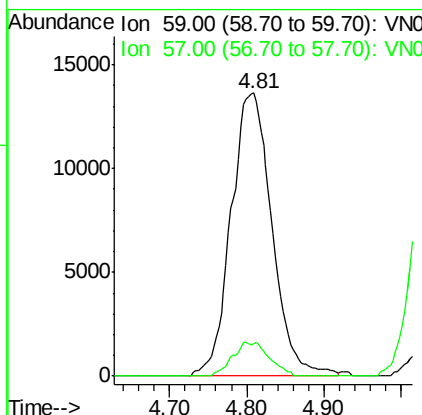
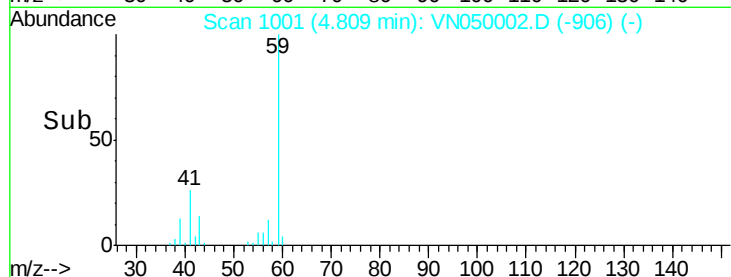
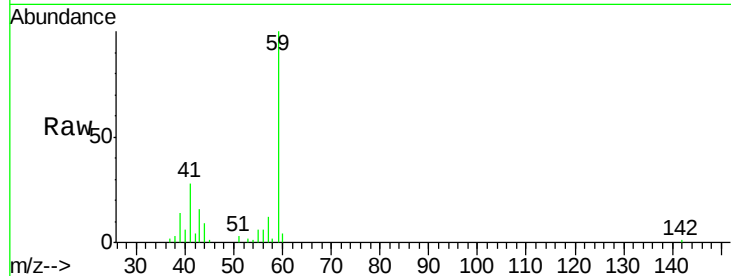
Tert butyl alcohol
Concen: 87.71 ug/l
RT: 4.81 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.5	8.5	12.7#

Manual Integrations
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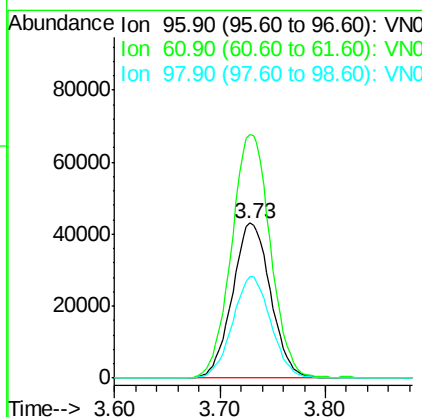
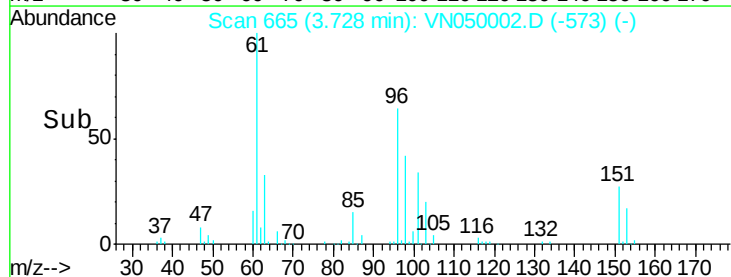
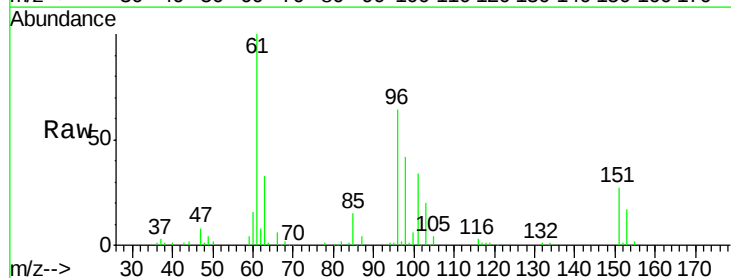
sam
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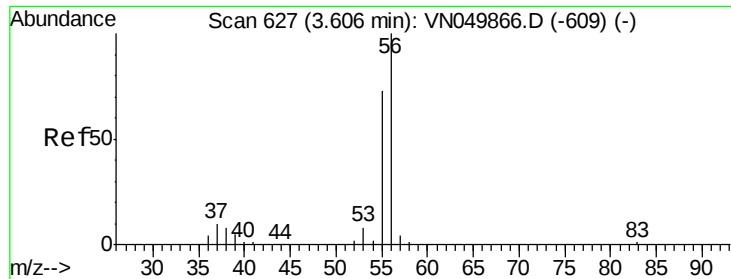


#12

1,1-Dichloroethene
Concen: 17.11 ug/l
RT: 3.73 min Scan# 665
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.8	126.5	189.7
98	65.1	51.0	76.6





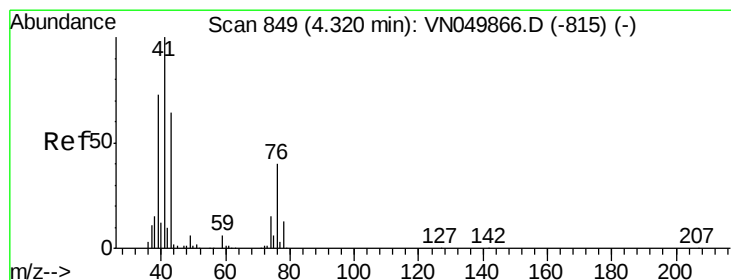
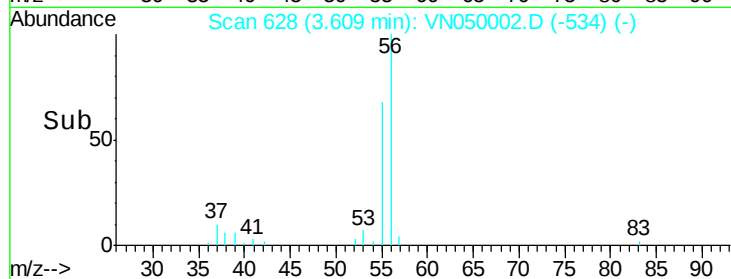
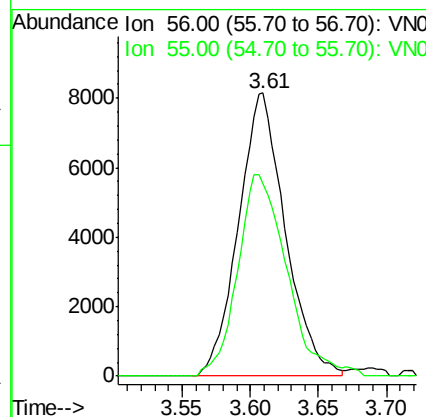
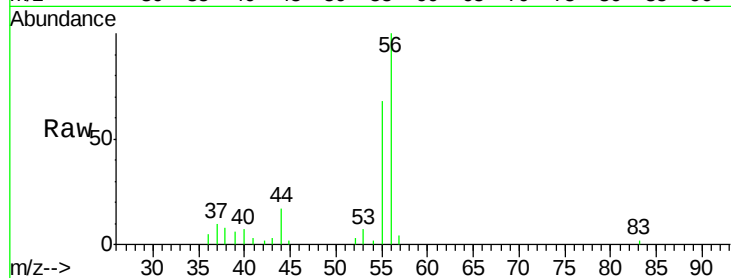
#13
Acrolein
Concen: 52.69 ug/l
RT: 3.61 min Scan# 628
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion	56	55	Resp	19409	Lower	Upper
Ion Ratio	100	74.8				
					55.8	83.8

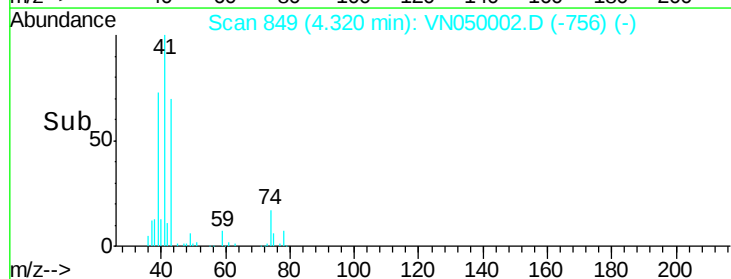
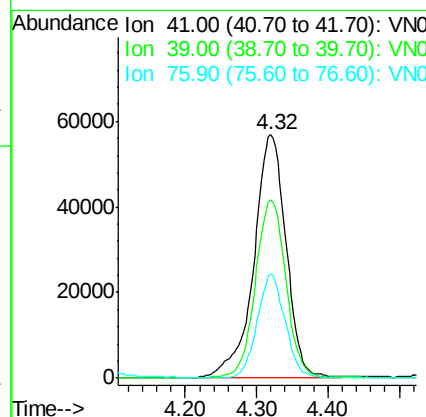
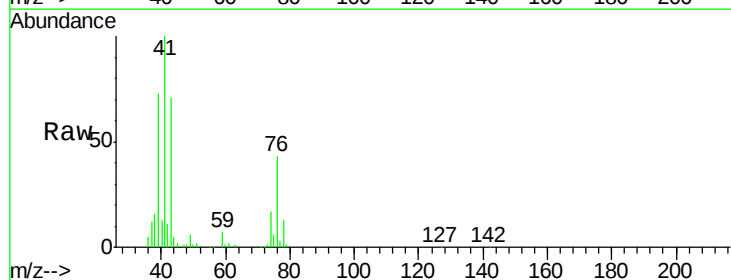
Manual Integrations
APPROVED

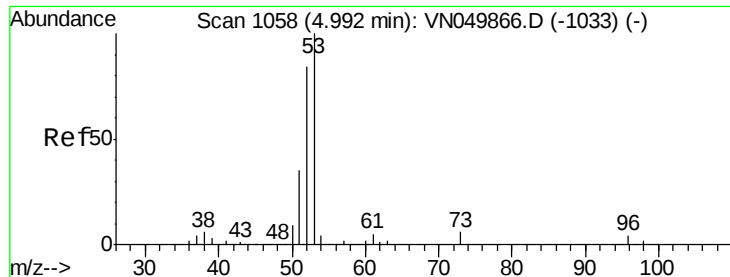
sam
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#14
Allyl chloride
Concen: 17.97 ug/l
RT: 4.32 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion	41	39	76	Resp	179262	Lower	Upper
Ion Ratio	100	69.0	36.8				
						53.2	79.8
						29.0	43.6





#15

Acrylonitrile

Concen: 90.98 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

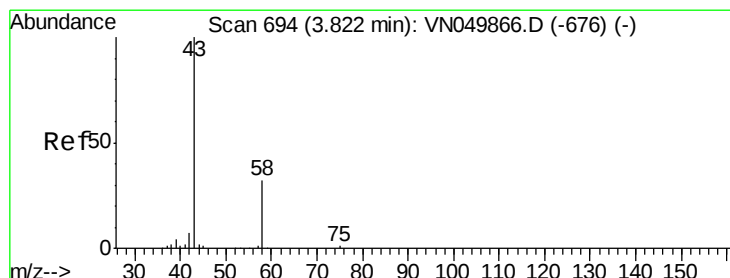
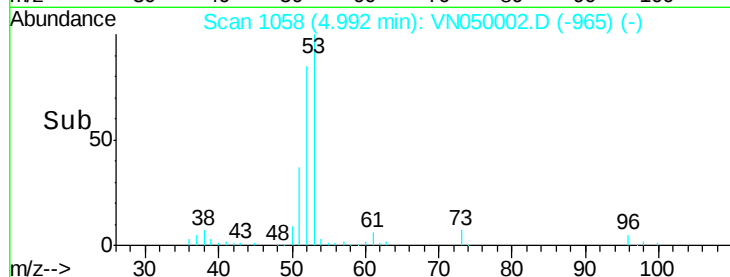
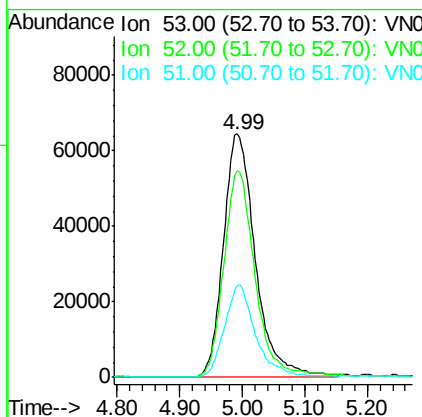
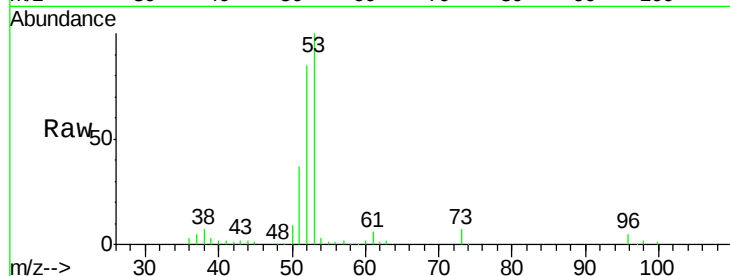
ClientSampleId :

VN0723WBS01

Tot Ion:	53	Resp:	228735
Ion Ratio	Lower	Upper	
53	100		
52	81.0	64.8	97.2
51	36.7	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 91.06 ug/l

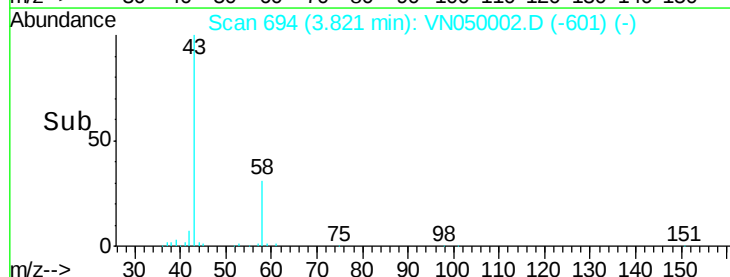
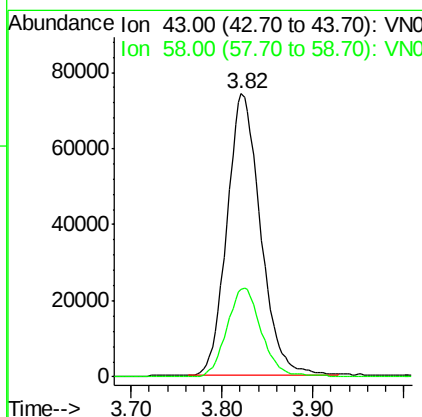
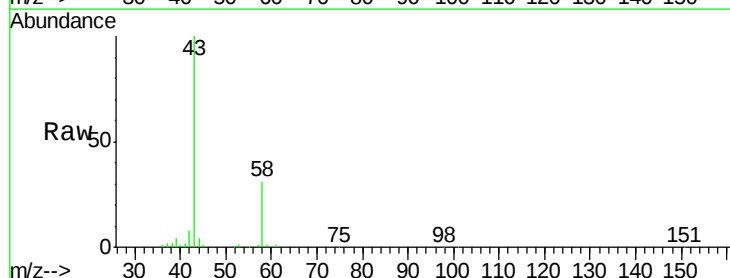
RT: 3.82 min Scan# 694

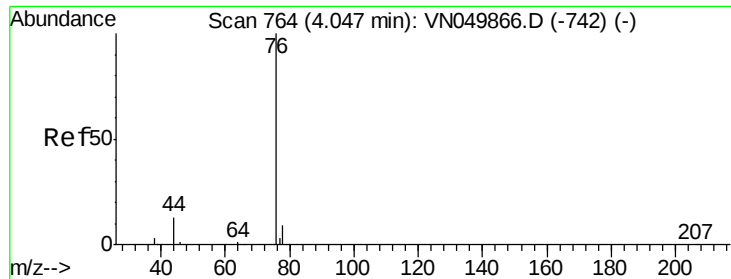
Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Tgt Ion:	43	Resp:	189180
Ion Ratio	Lower	Upper	
43	100		
58	31.3	25.9	38.9





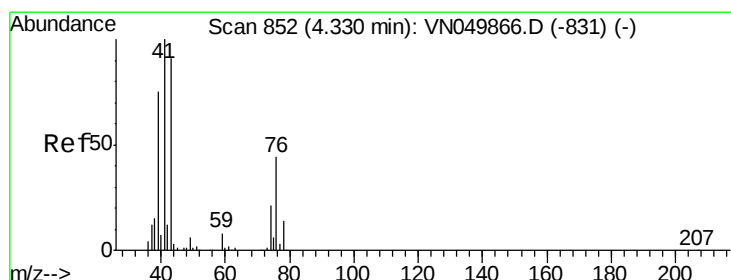
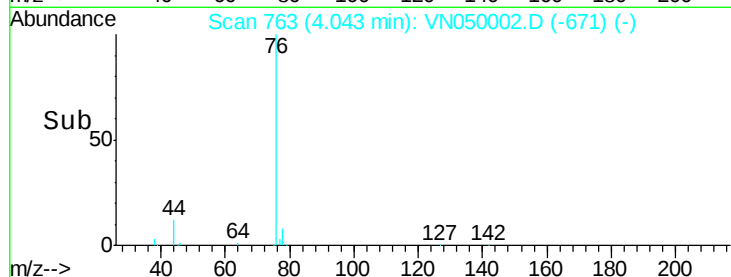
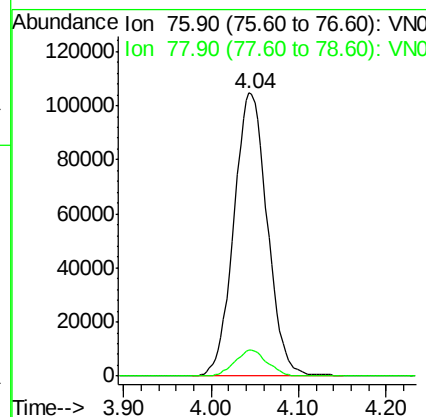
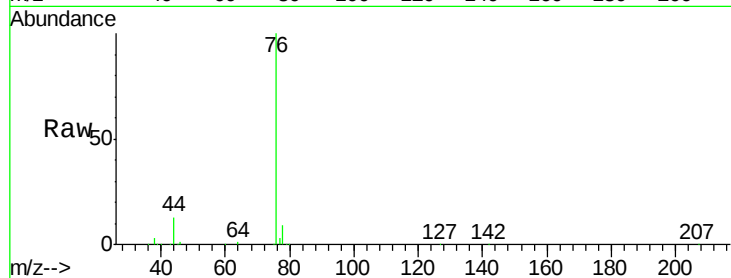
#17
Carbon Disulfide
Concen: 14.65 ug/l
RT: 4.04 min Scan# 763
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

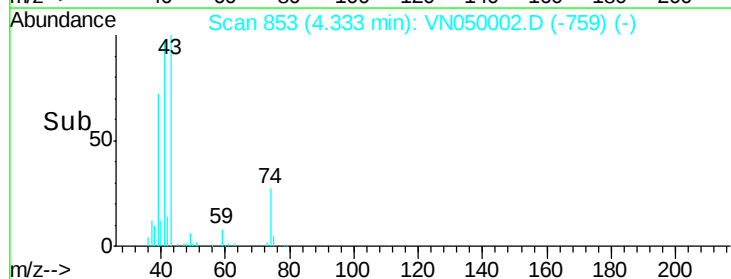
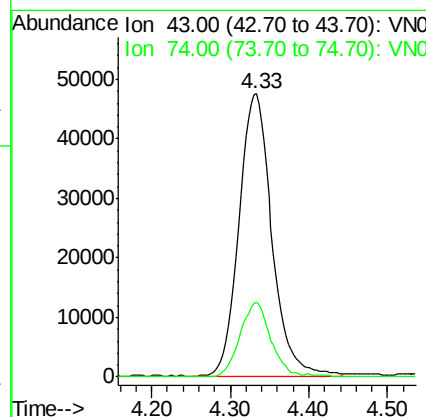
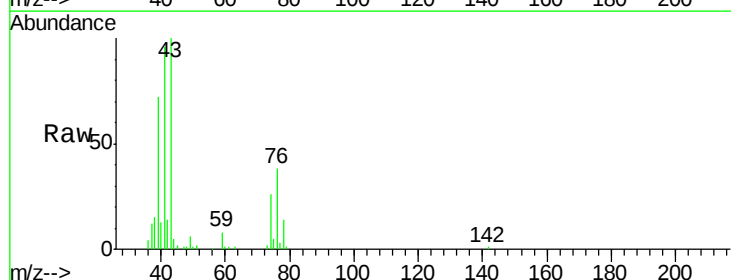
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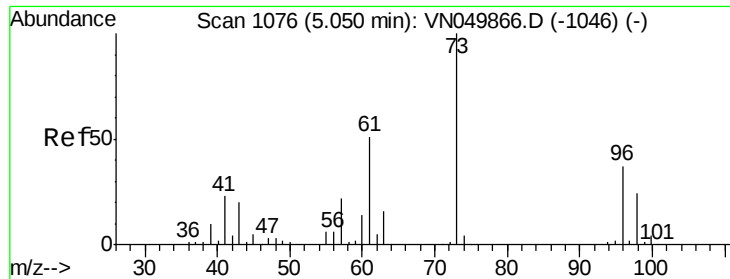
sam
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#18
Methyl Acetate
Concen: 21.00 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.8	29.8





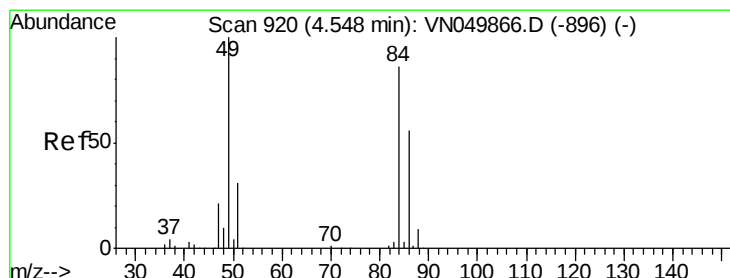
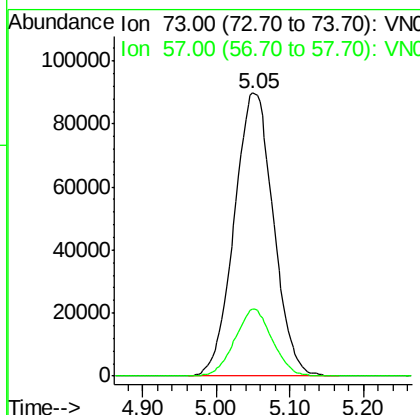
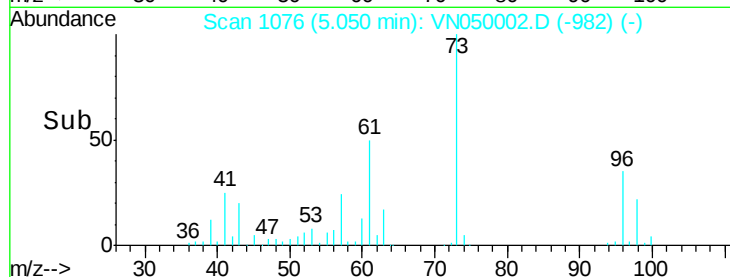
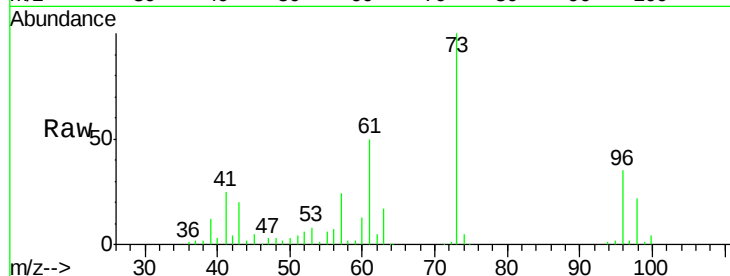
#19
Methvl tert-butvl Ether
Concen: 19.10 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion	73	Resp	332669
Ion Ratio	100	Lower	Upper
57	23.8	18.1	27.1

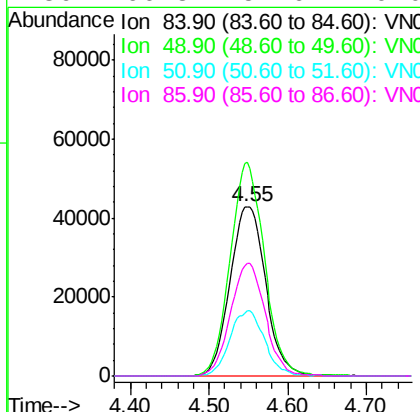
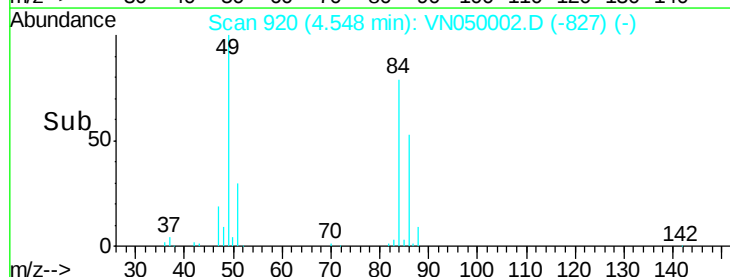
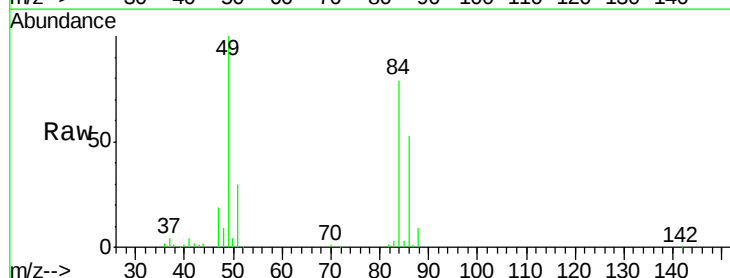
Manual Integrations
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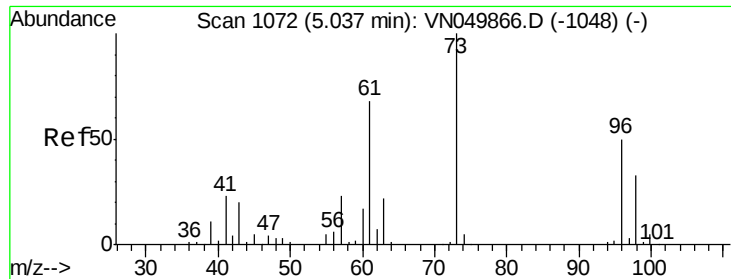
sam
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#20
Methylene Chloride
Concen: 17.16 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion	84	Resp	135589
Ion Ratio	100	Lower	Upper
49	126.0	95.4	143.2
51	38.3	28.4	42.6
86	66.8	52.6	79.0





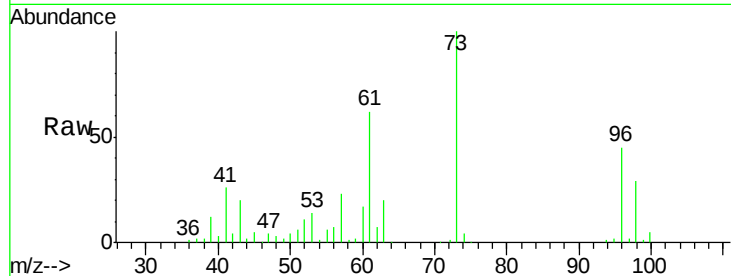
#21
trans-1,2-Dichloroethene
Concen: 17.51 ug/l
RT: 5.04 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.7	109.0	163.6
98	64.8	51.1	76.7

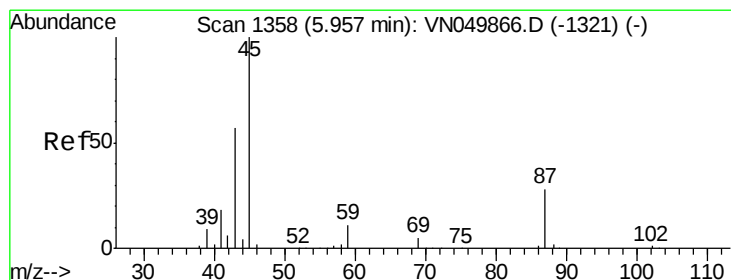
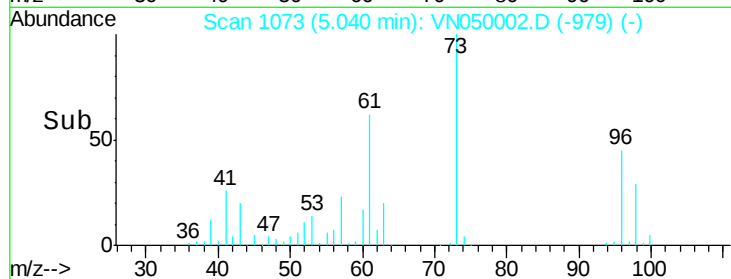
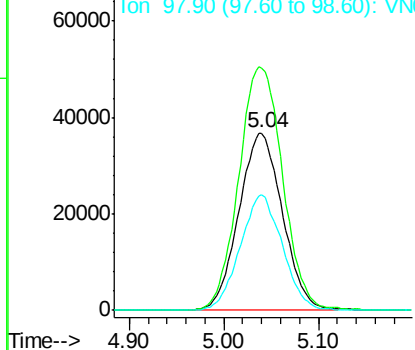
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Abundance

Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO

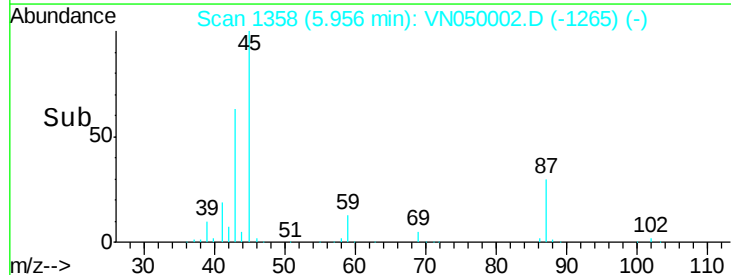
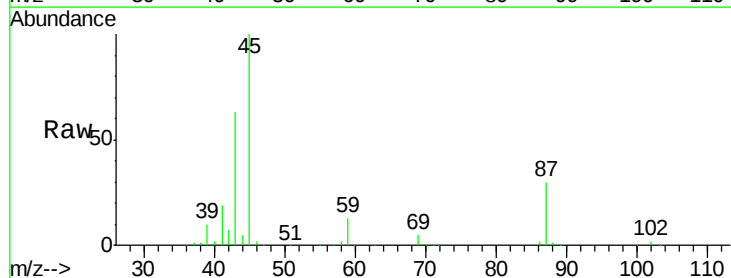
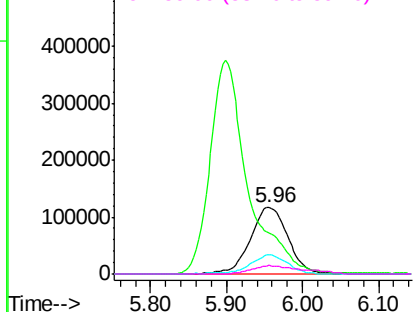


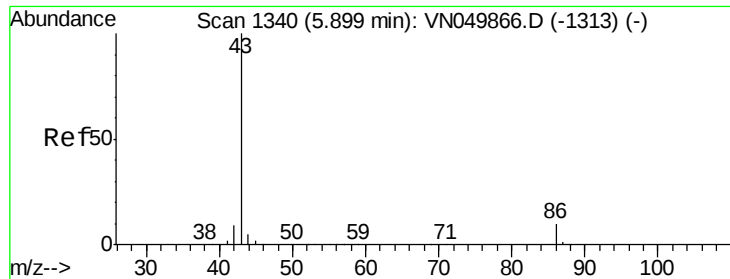
#22
Diisopropyl ether
Concen: 19.71 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.4	48.1	72.1
87	29.4	22.6	34.0
59	12.5	9.2	13.8

Abundance

Ion 45.00 (44.70 to 45.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 87.00 (86.70 to 87.70): VNO
Ion 59.00 (58.70 to 59.70): VNO





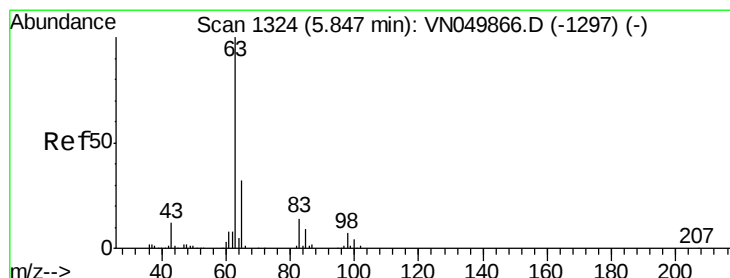
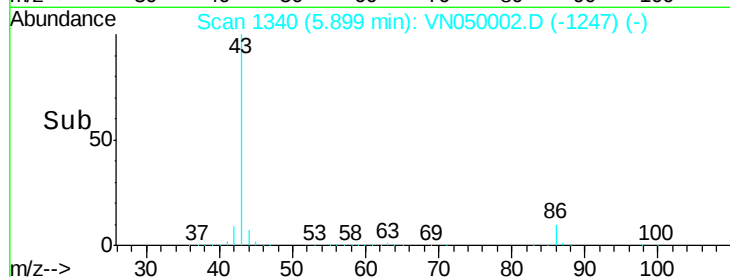
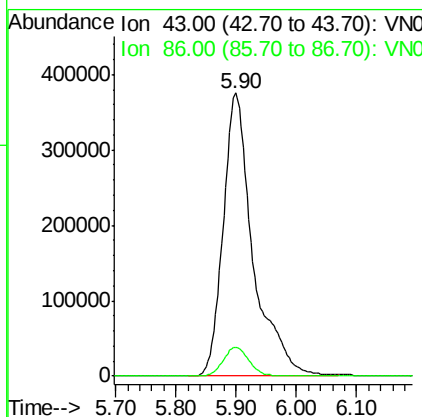
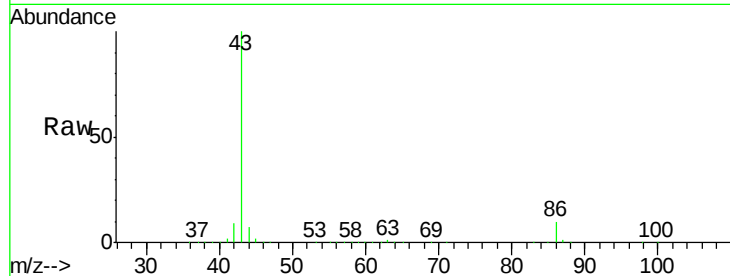
#23
 Vinyl Acetate
 Concen: 90.85 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Tot Ion: 43 Resp: 1297957
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.4 12.6

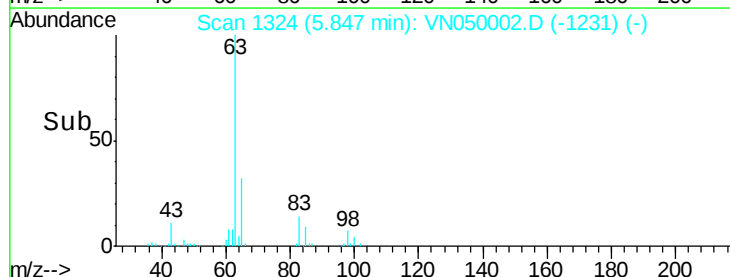
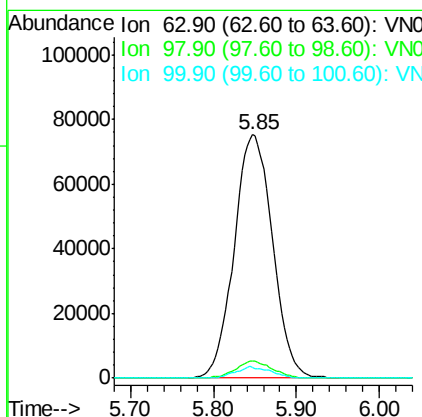
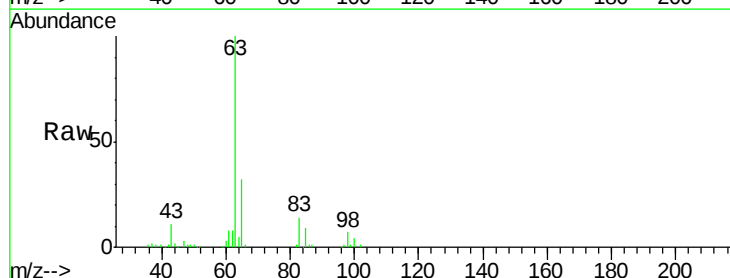
Manual Integrations
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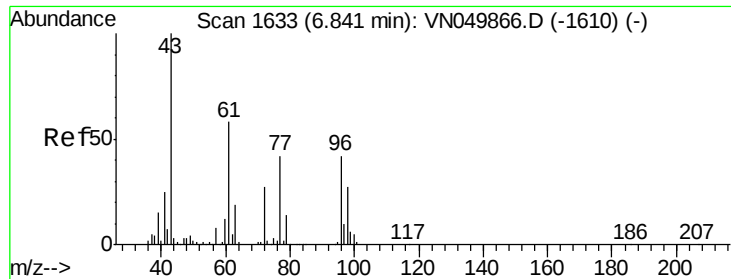
sam
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#24
 1,1-Dichloroethane
 Concen: 18.53 ug/l
 RT: 5.85 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion: 63 Resp: 242265
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 93.56 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

Tot Ion: 43 Resp: 277786

Ion Ratio Lower Upper

43 100

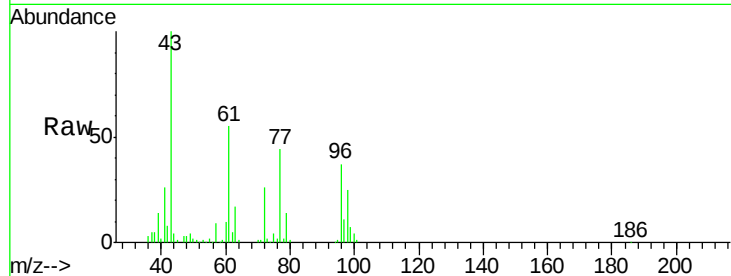
72 26.1 22.1 33.1

Manual Integrations

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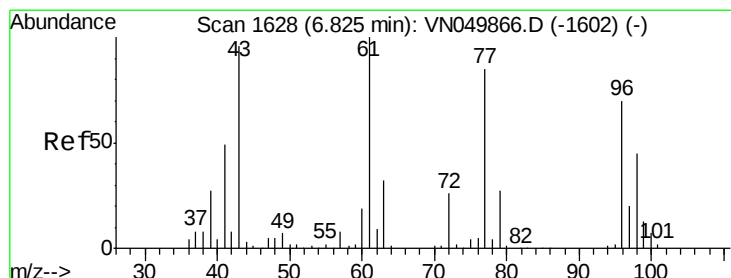
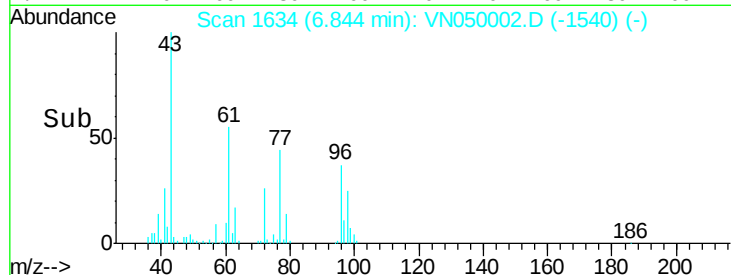
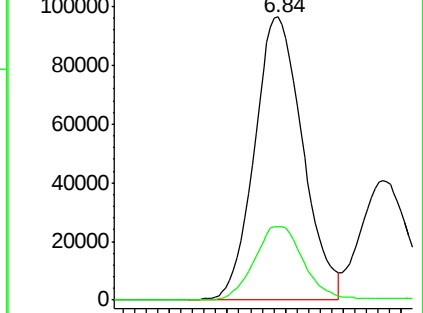
sam

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 20.21 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN050002.D

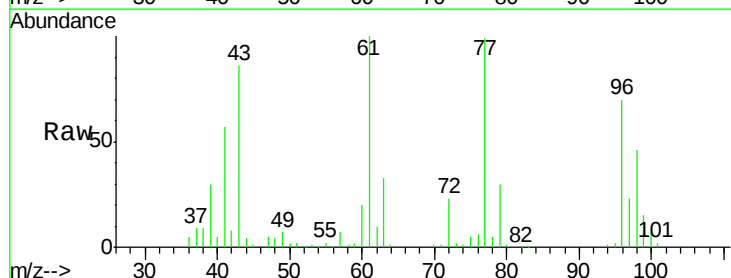
Acq: 23 Jul 2018 10:17

Tgt Ion: 77 Resp: 205557

Ion Ratio Lower Upper

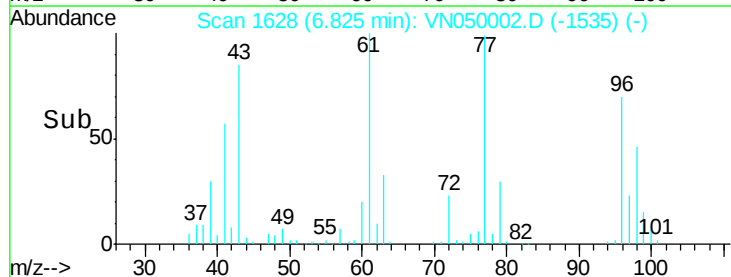
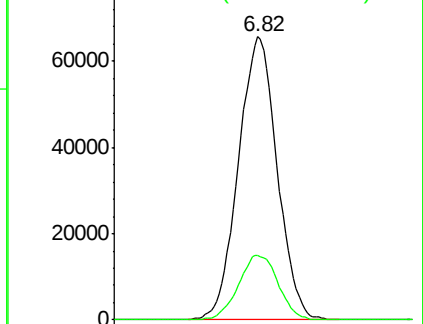
77 100

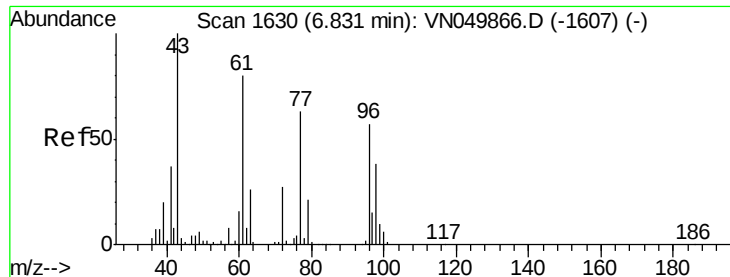
97 23.5 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





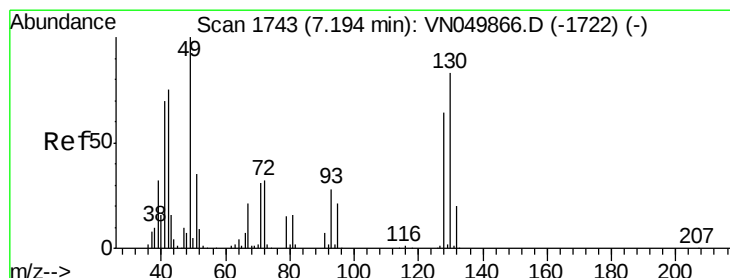
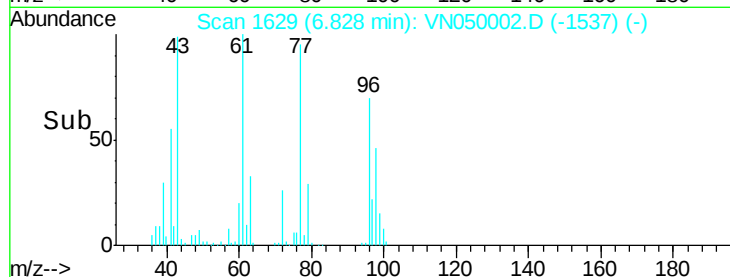
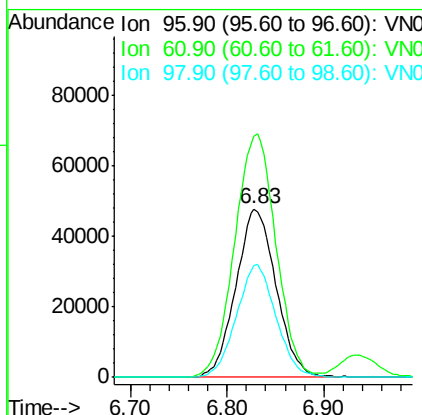
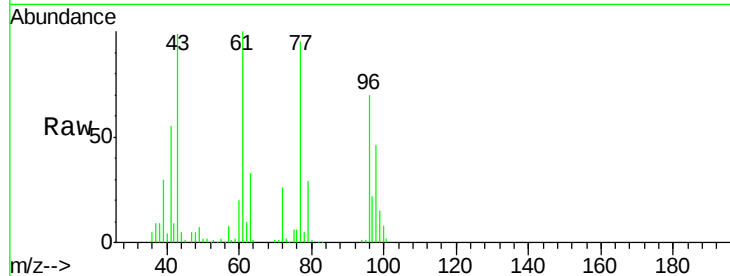
#27
 cis-1,2-Dichloroethene
 Concen: 18.68 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	137795		
61	148.5	0.0	289.0	
98	65.7	0.0	130.2	

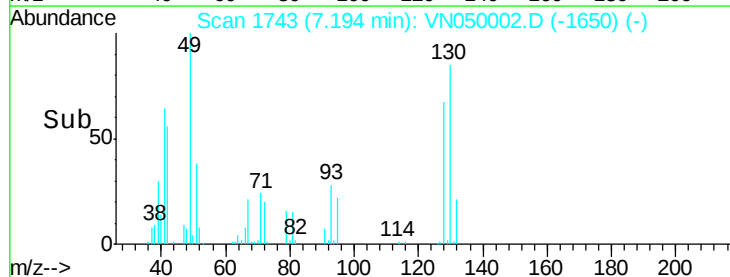
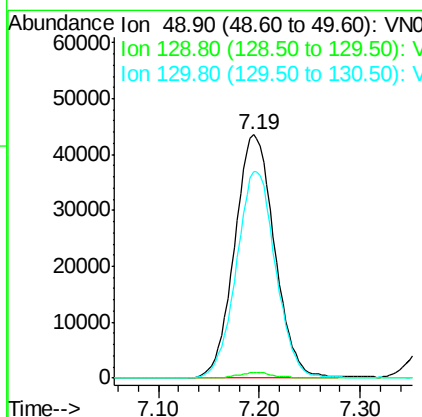
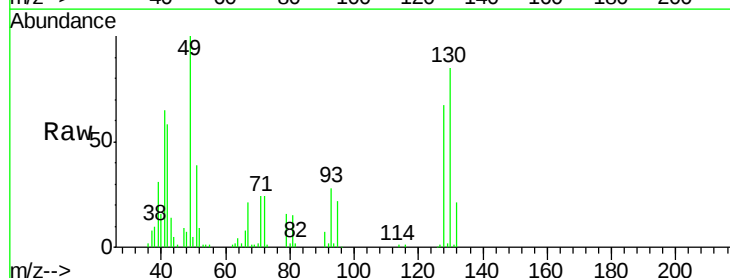
Manual Integrations
 APPROVED

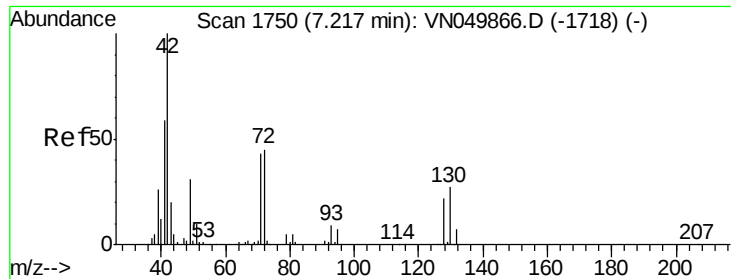
sam
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#28
 Bromochloromethane
 Concen: 20.24 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	119472		
129	1.9	0.0	4.2	
130	83.5	65.5	98.3	





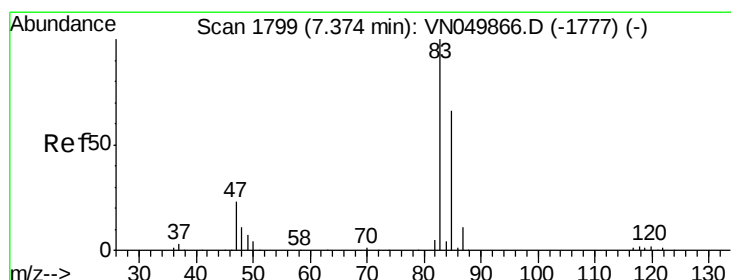
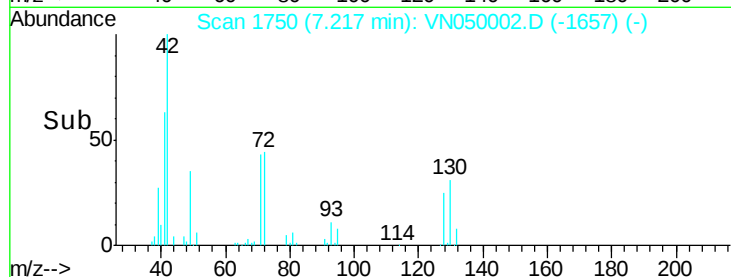
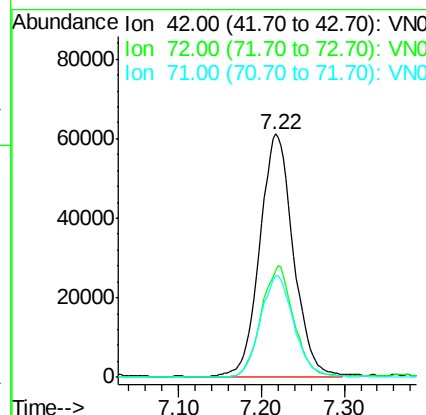
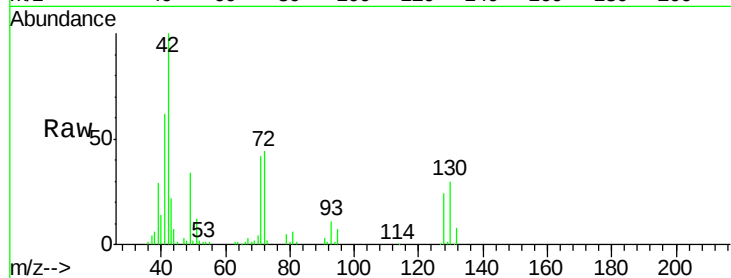
#29
Tetrahydrofuran
Concen: 92.64 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	35.6	53.4
71	41.5	34.0	51.0

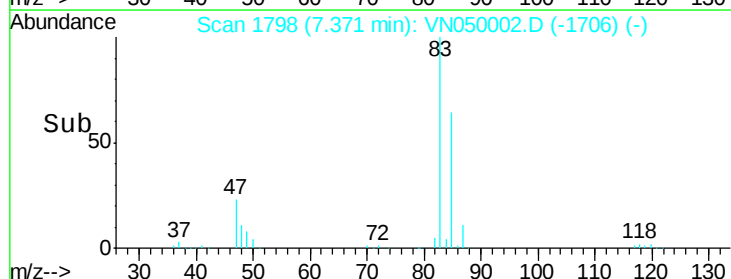
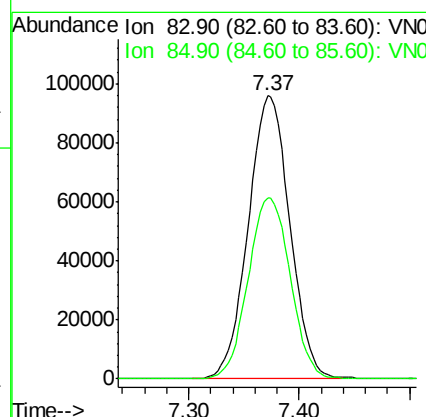
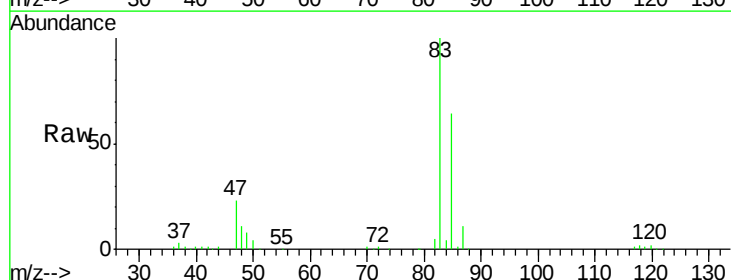
Manual Integrations
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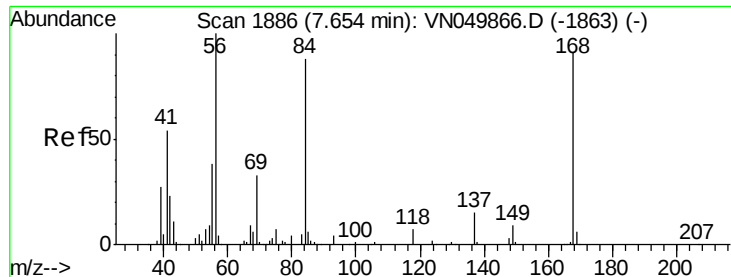
sam
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#30
Chloroform
Concen: 18.68 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.4	77.2





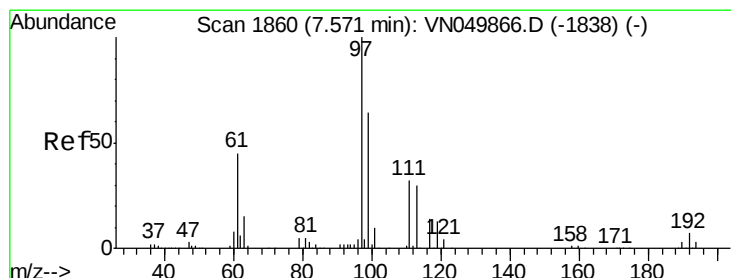
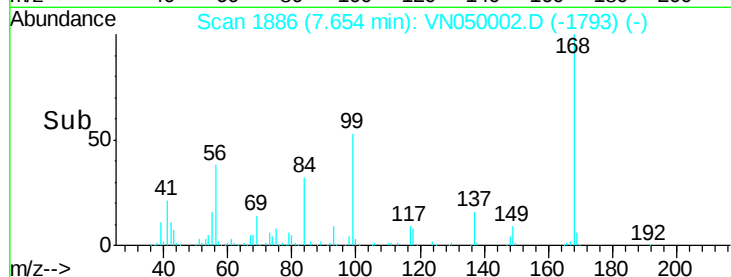
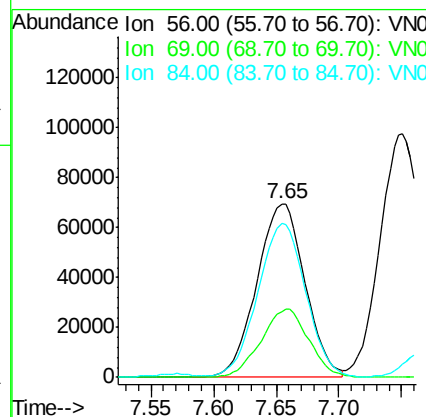
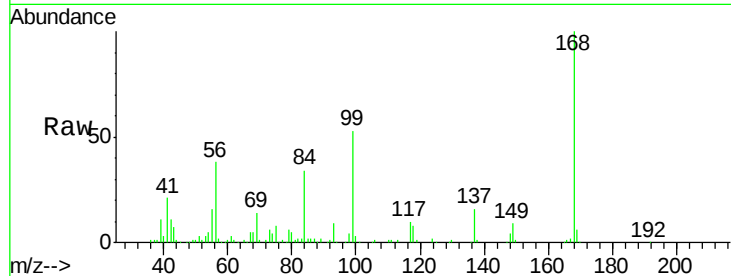
#31
Cyclohexane
Concen: 17.45 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		185695		
69	37.9	26.6	40.0		
84	87.4	69.0	103.6		

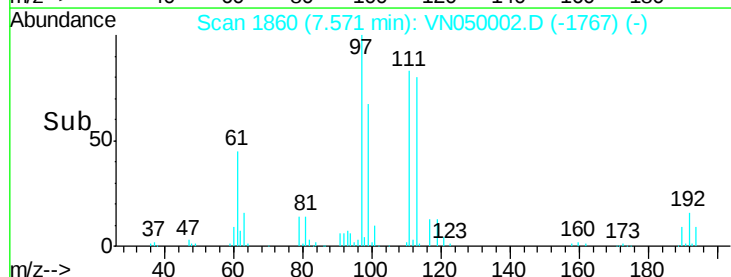
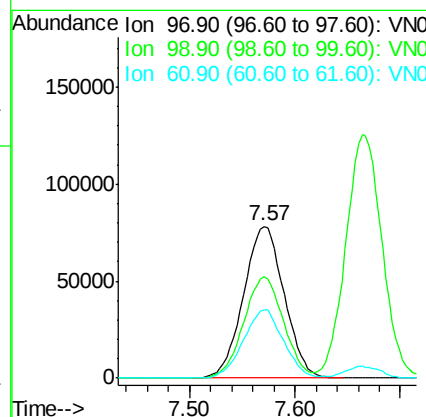
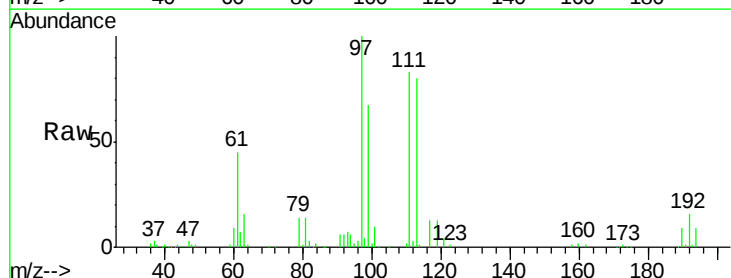
Manual Integrations
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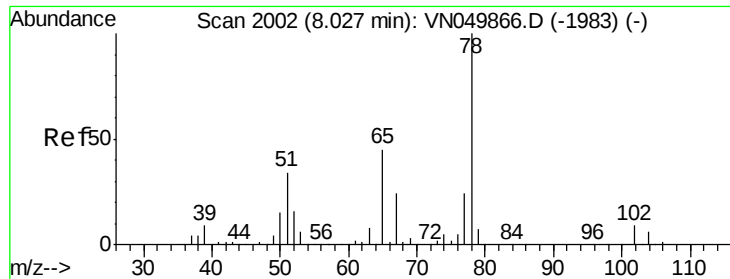
sam
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#32
1,1,1-Trichloroethane
Concen: 18.09 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		209827		
99	65.6	51.0	76.4		
61	44.2	35.5	53.3		





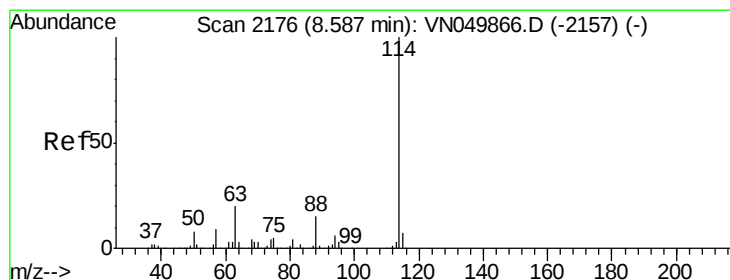
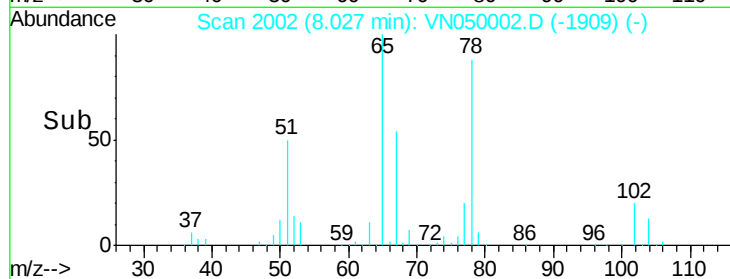
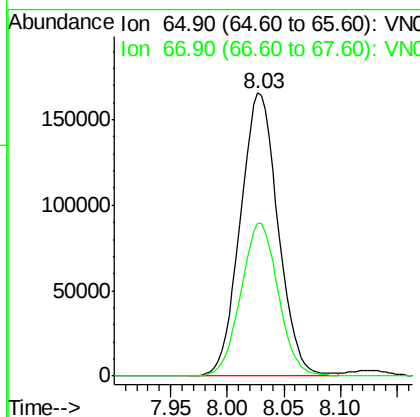
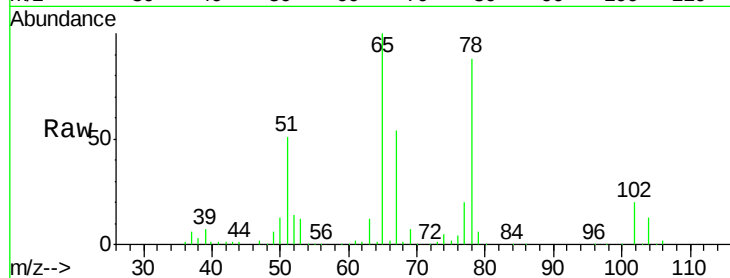
#33
 1,2-Dichloroethane-d4
 Concen: 48.00 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.5	0.0	107.2	

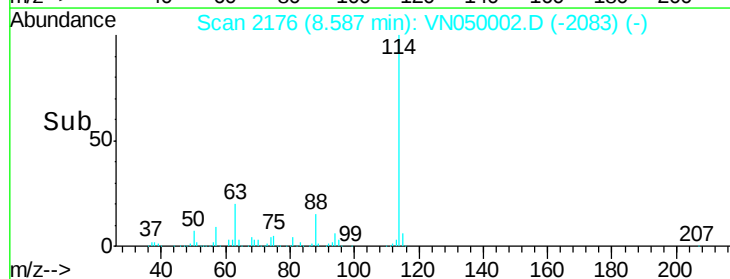
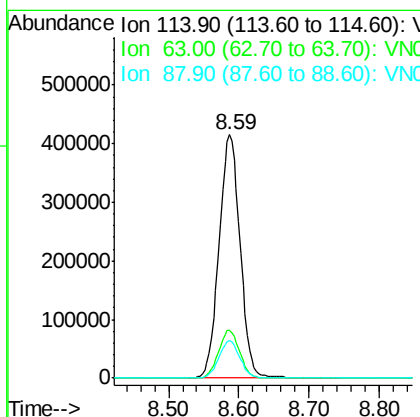
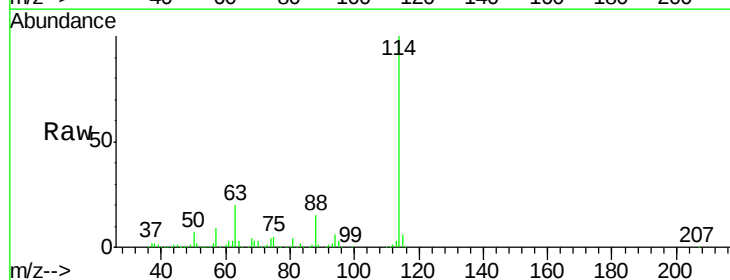
Manual Integrations
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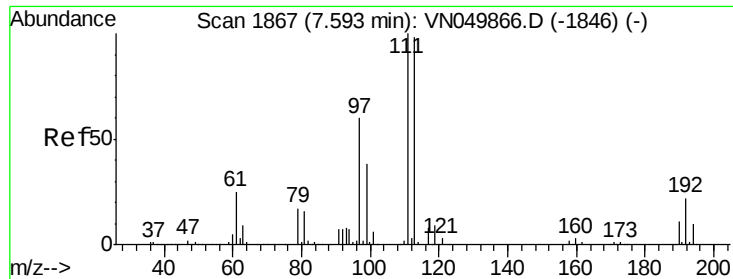
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.6	0.0	39.8	
88	15.3	0.0	30.6	





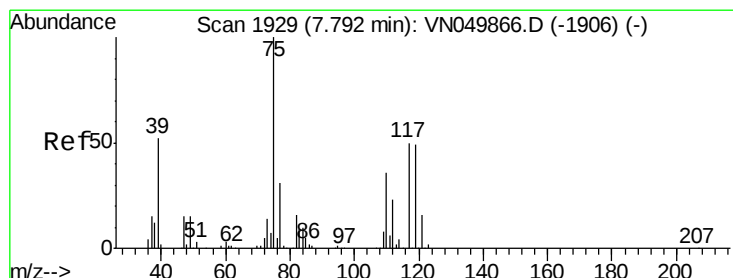
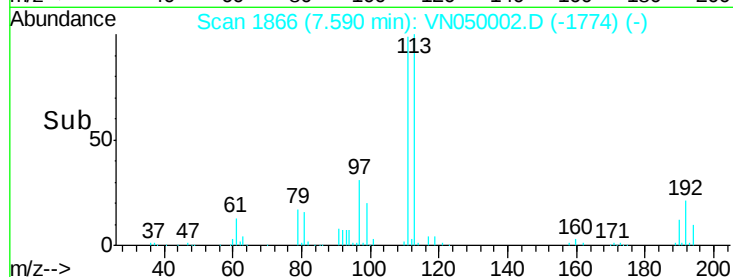
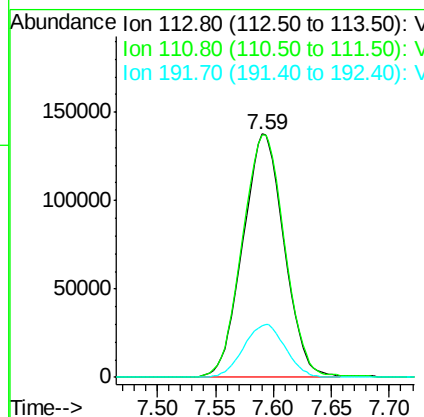
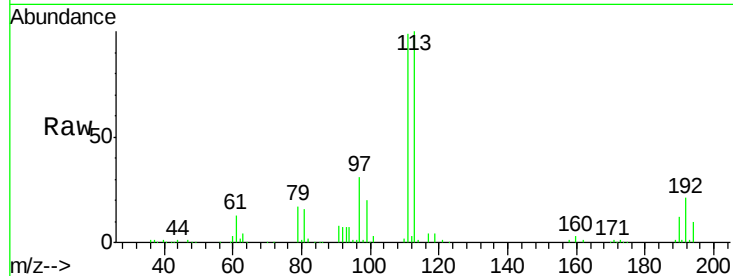
#35
 Dibromofluoromethane
 Concen: 47.07 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	341995		
111	102.6	81.8	122.8	
192	22.0	17.8	26.6	

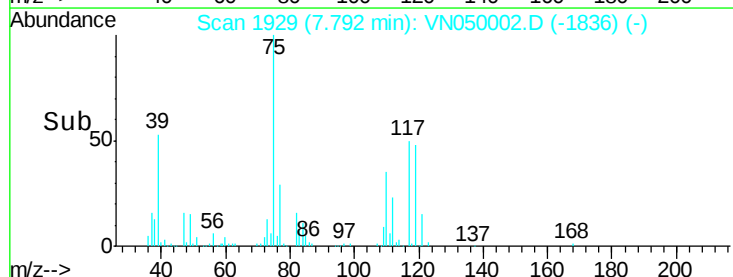
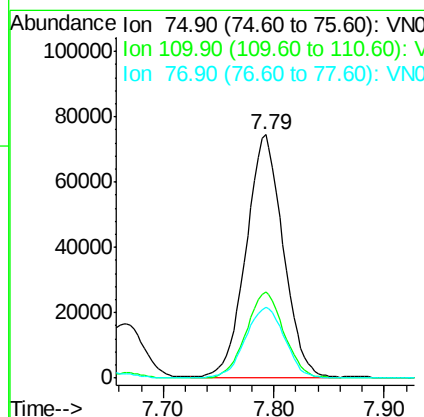
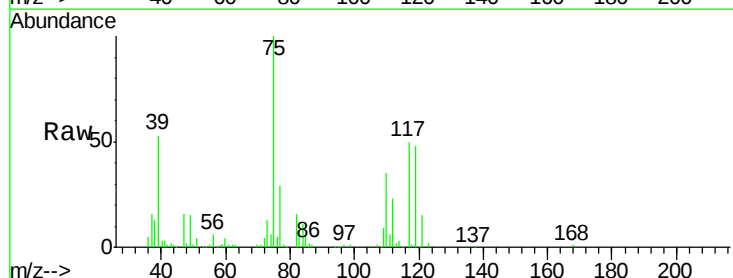
Manual Integrations
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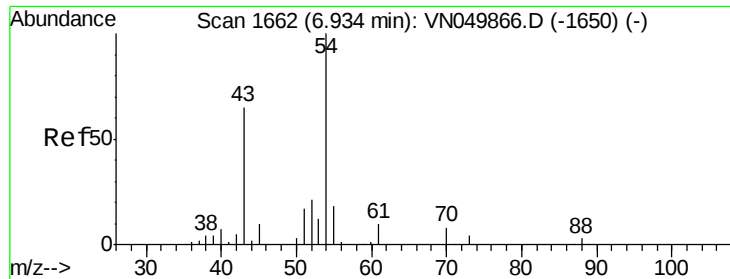
sam
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#36
 1,1-Dichloropropene
 Concen: 17.93 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	172596		
110	36.1	18.1	54.4	
77	31.2	24.9	37.3	





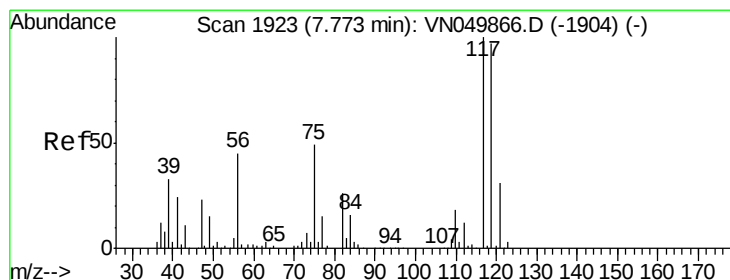
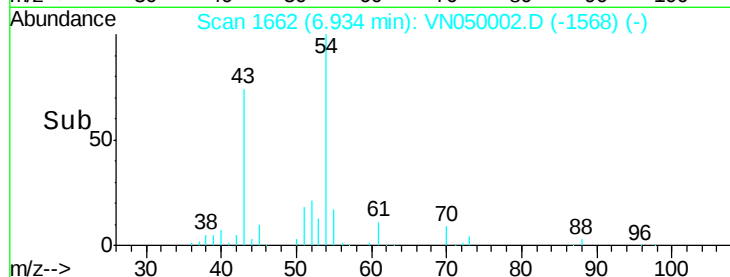
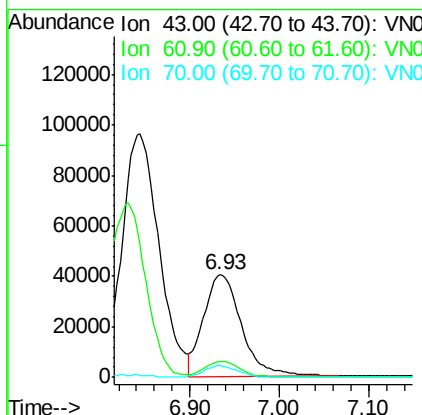
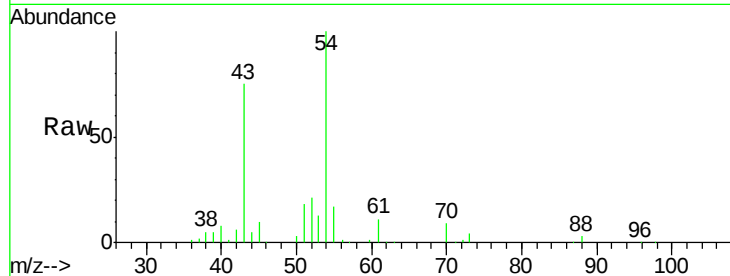
#37
Ethyl Acetate
Concen: 17.95 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.7	17.5
70	10.4	8.4	12.6

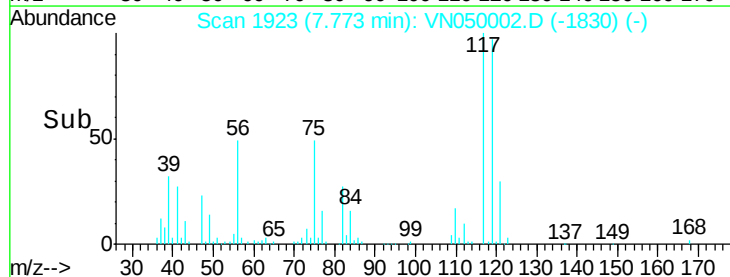
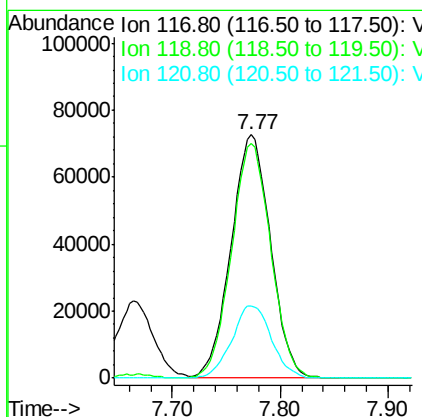
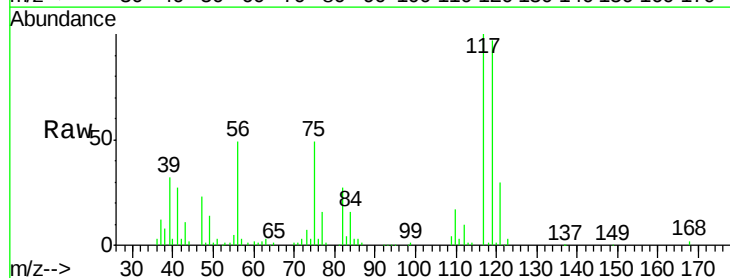
Manual Integrations
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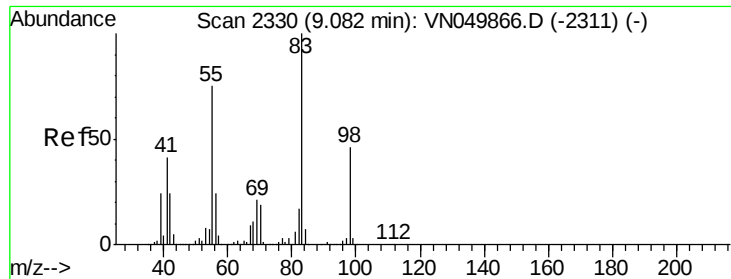
sam
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#38
Carbon Tetrachloride
Concen: 17.93 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.2	115.8
121	29.8	25.0	37.6





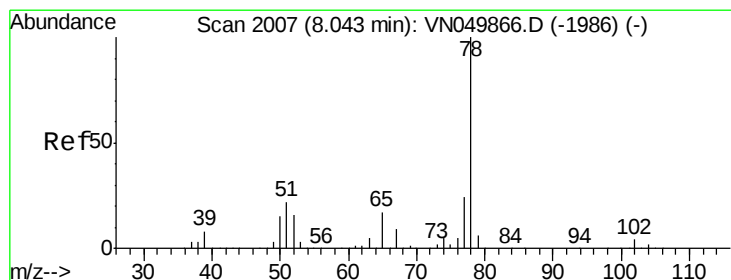
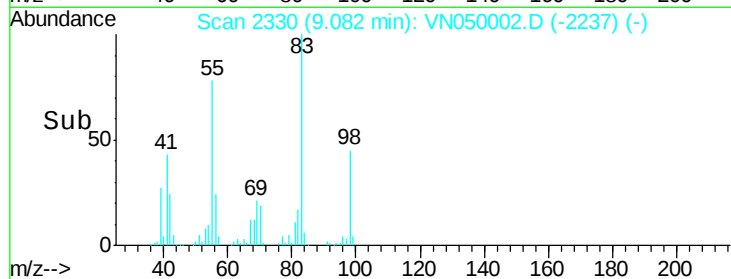
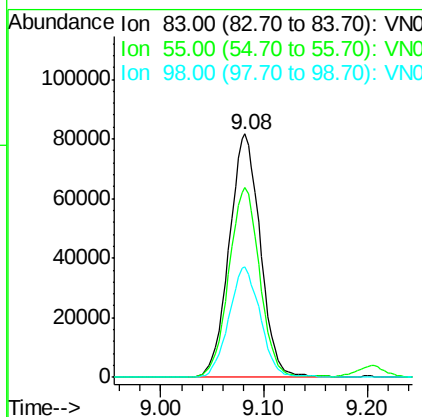
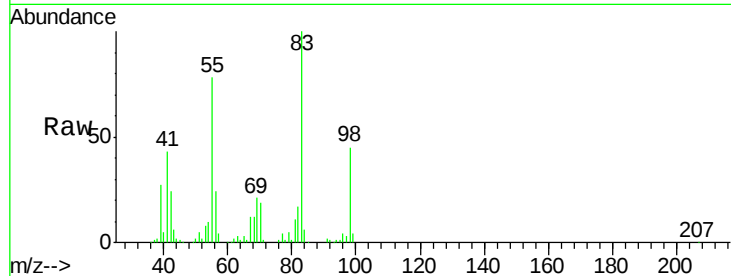
#39
Methvlcvclohexane
Concen: 17.27 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	59.7	89.5
98	45.2	36.5	54.7

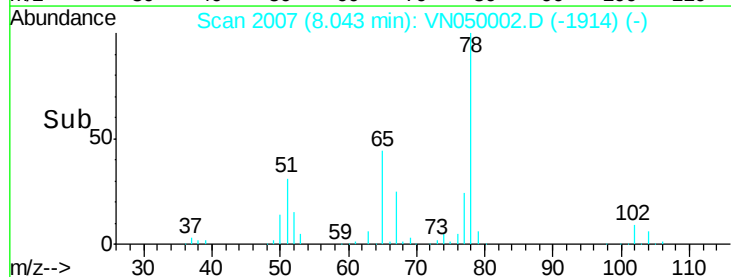
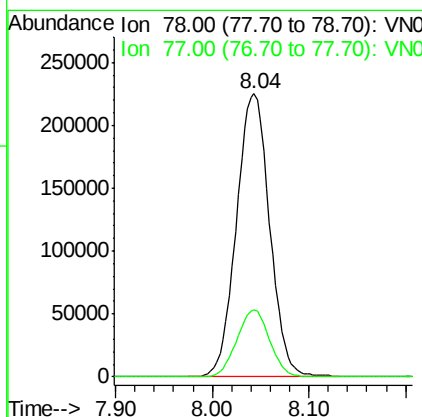
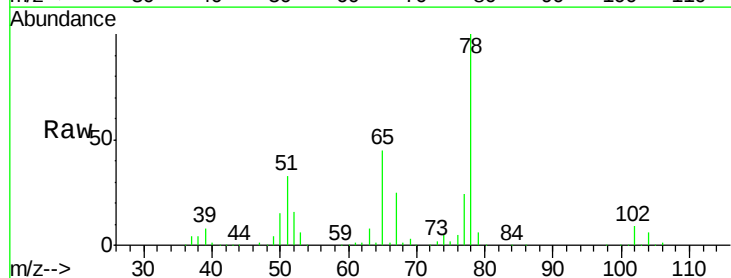
Manual Integrations
APPROVED

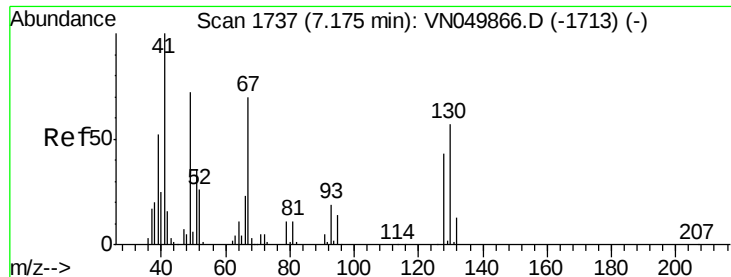
sam
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#40
Benzene
Concen: 18.32 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





#41

Methacrylonitrile

Concen: 17.01 ug/l

RT: 7.18 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampled :

VN0723WBS01

Tot Ion: 41 Resp: 56351

Ion Ratio Lower Upper

41 100

39 70.3 45.4 68.2#

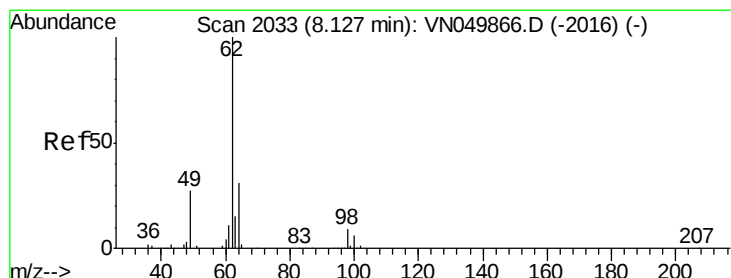
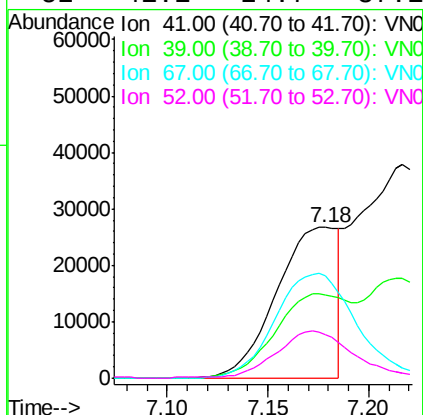
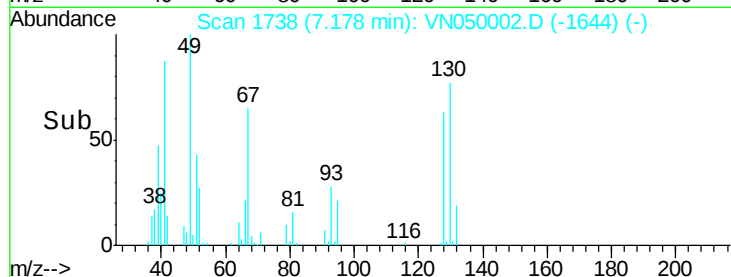
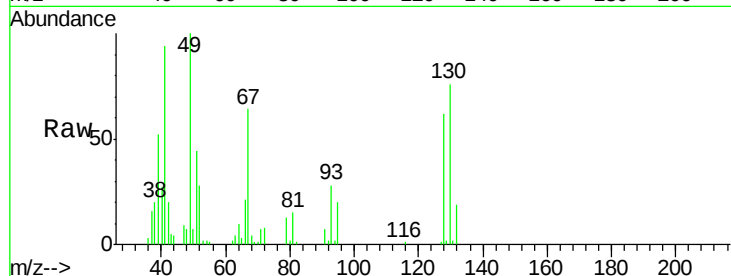
67 93.2 65.4 98.0

52 41.1 24.7 37.1#

Manual Integrations
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sam

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#42

1,2-Dichloroethane

Concen: 18.52 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. -0.00 min

Lab File: VN050002.D

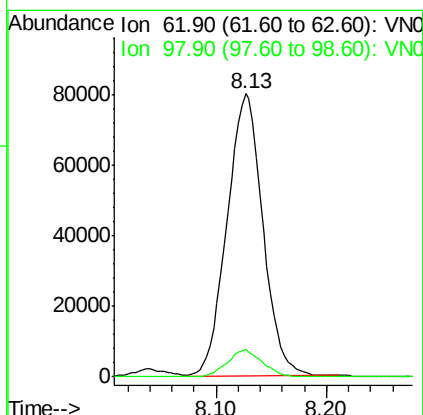
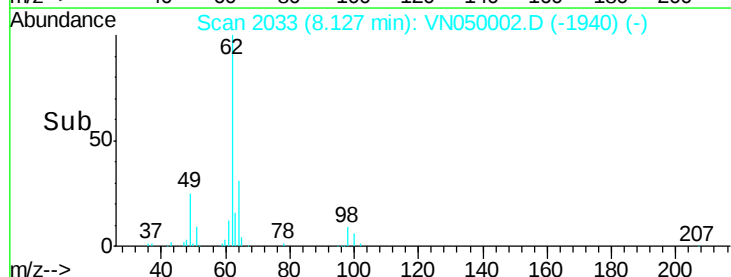
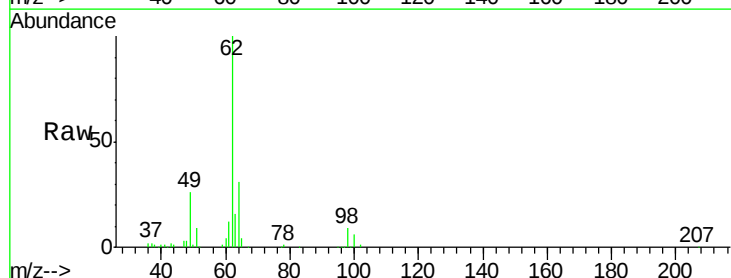
Acq: 23 Jul 2018 10:17

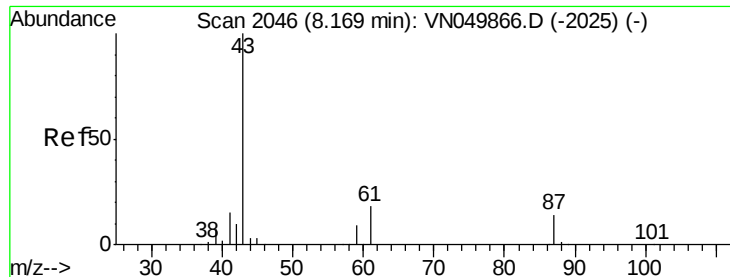
Tgt Ion: 62 Resp: 179906

Ion Ratio Lower Upper

62 100

98 9.4 0.0 19.0





#43

Isopropyl Acetate

Concen: 18.63 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

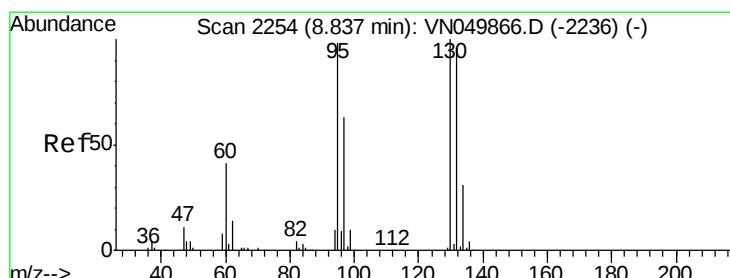
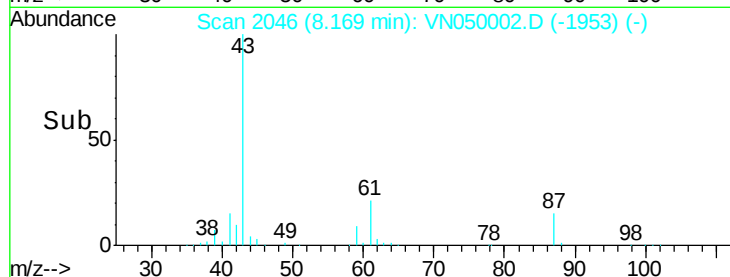
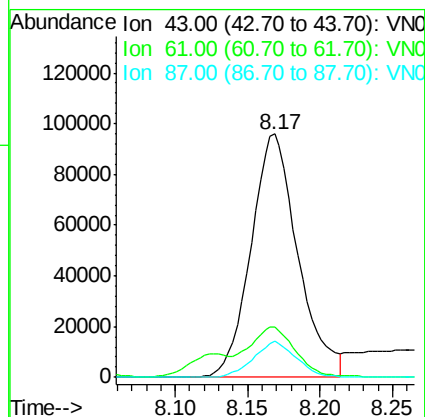
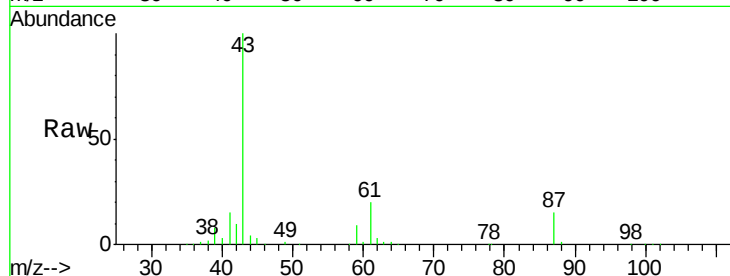
VN0723WBS01

Tot Ion:	43	Resp:	215077
Ion	Ratio	Lower	Upper
43	100		
61	20.1	14.9	22.3
87	13.6	10.0	15.0

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#44

Trichloroethene

Concen: 18.54 ug/l

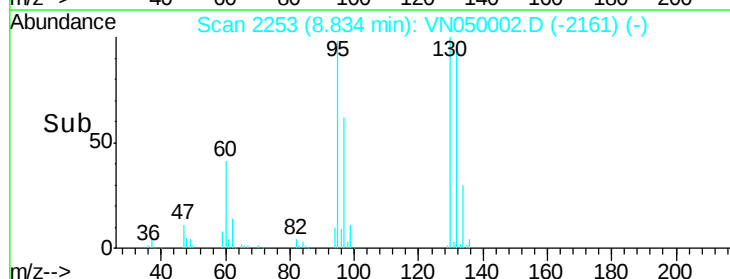
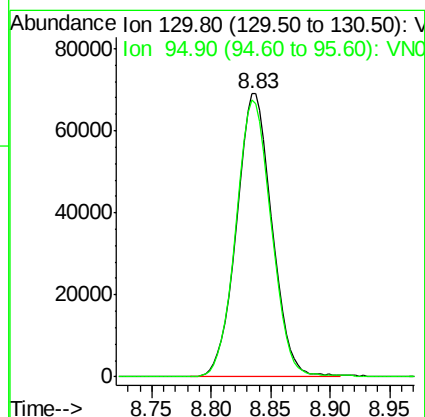
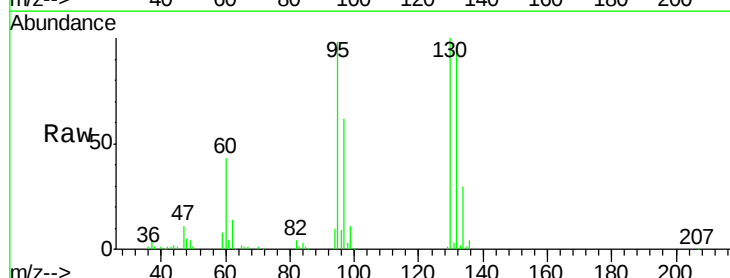
RT: 8.83 min Scan# 2253

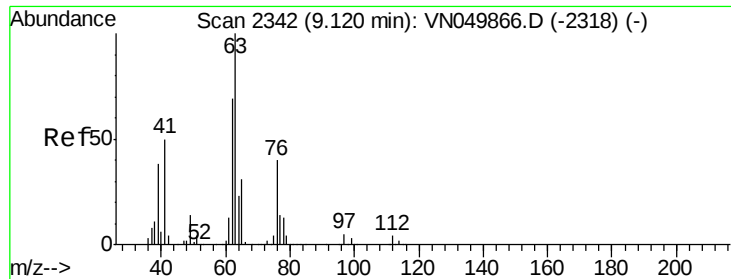
Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Tgt Ion:	130	Resp:	142611
Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	192.8





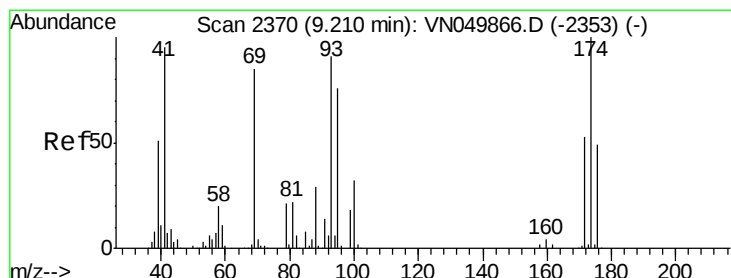
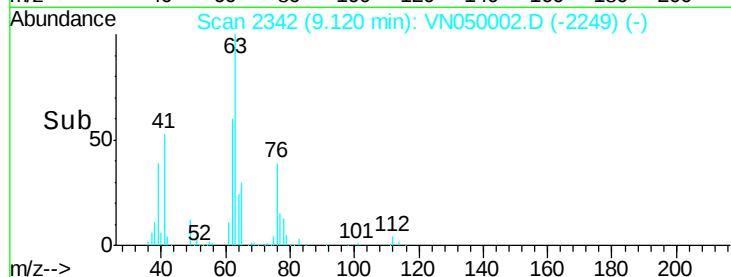
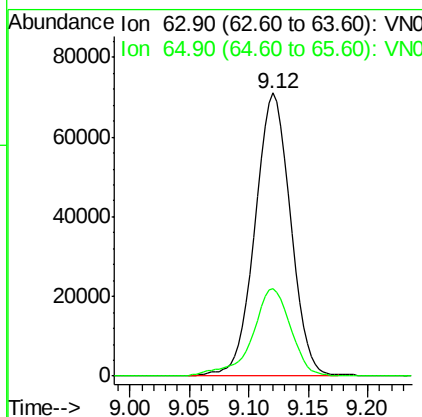
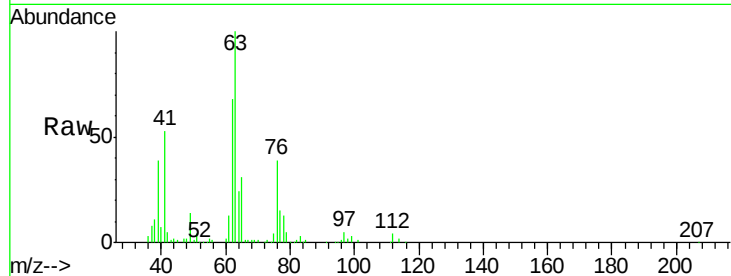
#45
 1,2-Dichloropropane
 Concen: 18.65 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Tot Ion: 63 Resp: 147551
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1

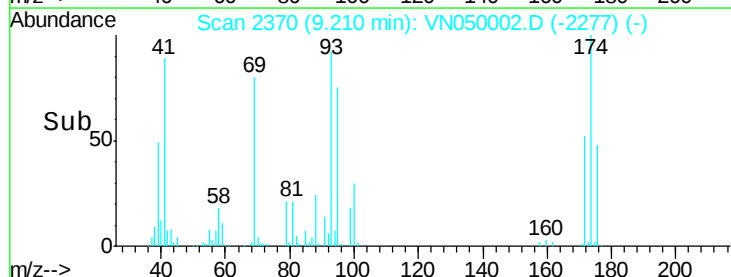
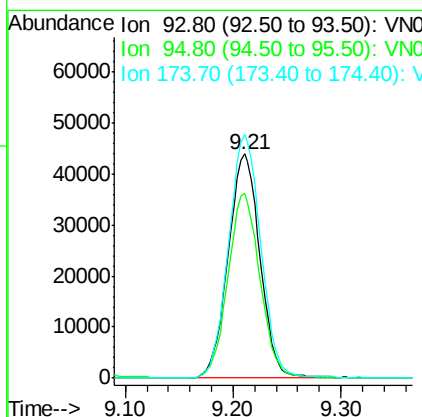
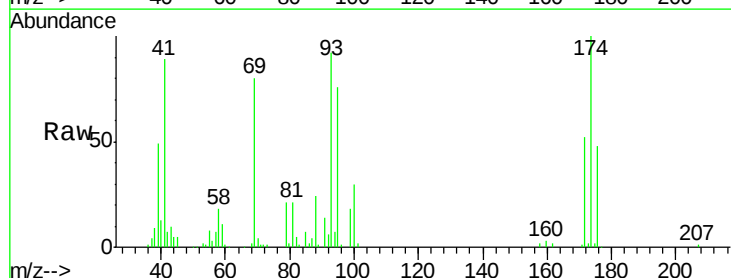
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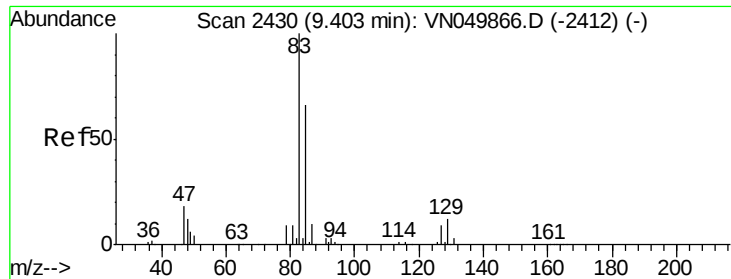
sam
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#46
 Dibromomethane
 Concen: 18.41 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion: 93 Resp: 90363
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.9 101.9
 174 109.8 89.4 134.0





#47

Bromodichloromethane

Concen: 18.96 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

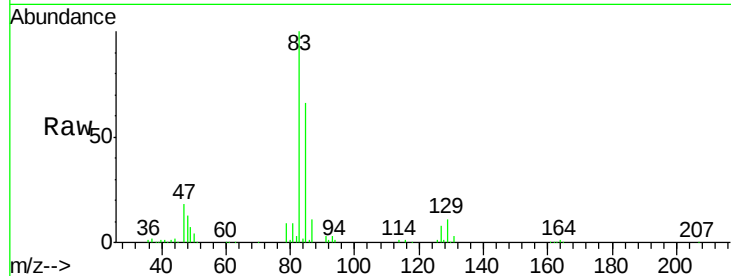
VN0723WBS01

Tot Ion:	83	Resp:	192476
Ion Ratio	Lower	Upper	
83	100		
85	66.3	50.5	75.7
127	8.5	6.8	10.2

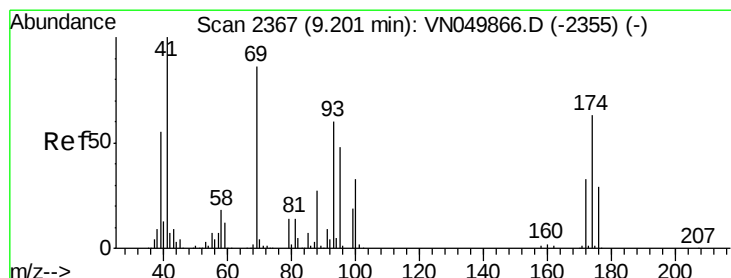
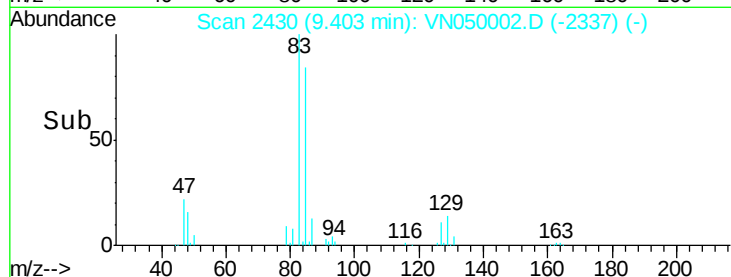
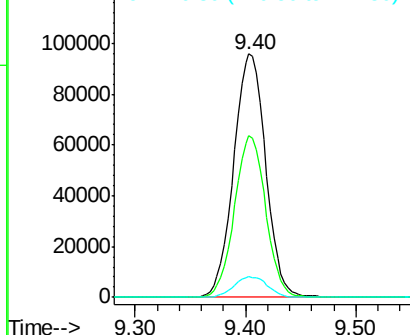
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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.52 ug/l

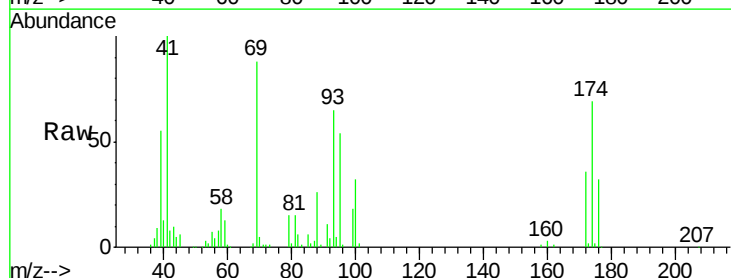
RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

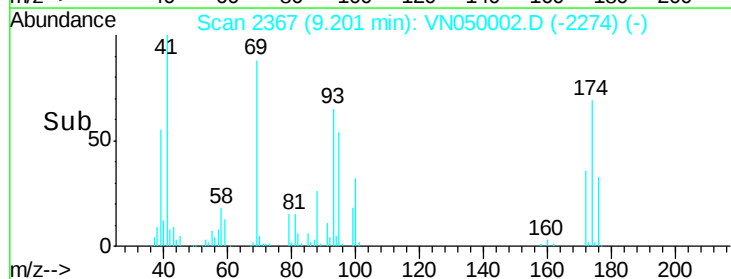
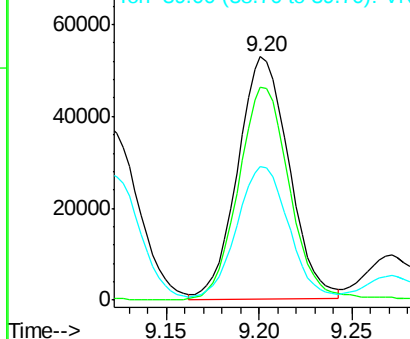
Lab File: VN050002.D

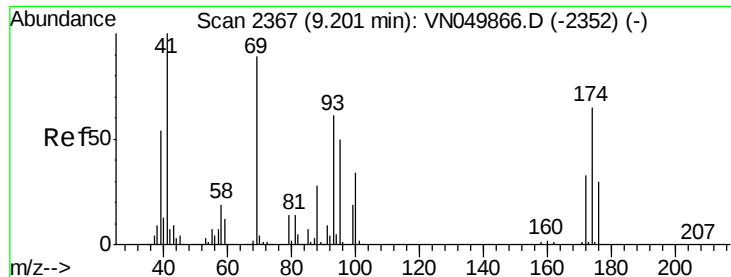
Acq: 23 Jul 2018 10:17

Tgt Ion:	41	Resp:	101466
Ion Ratio	Lower	Upper	
41	100		
69	88.8	71.5	107.3
39	55.8	44.7	67.1



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





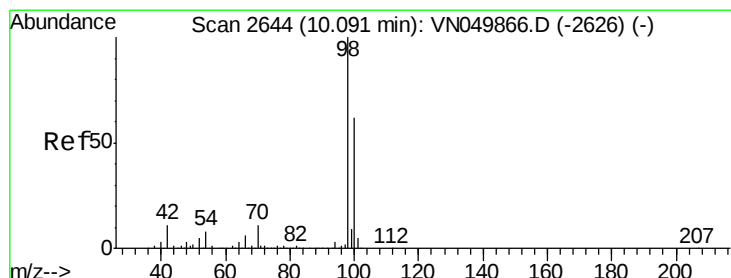
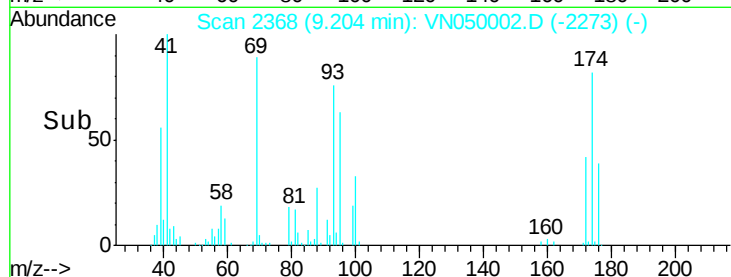
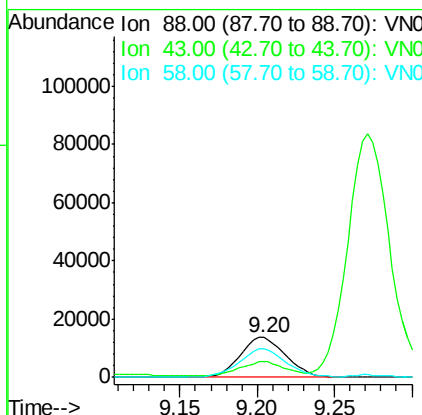
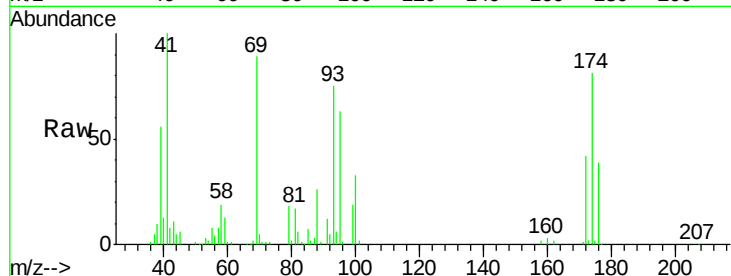
#49
1,4-Dioxane
Concen: 342.85 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	25.1	37.7
58	73.6	52.5	78.7

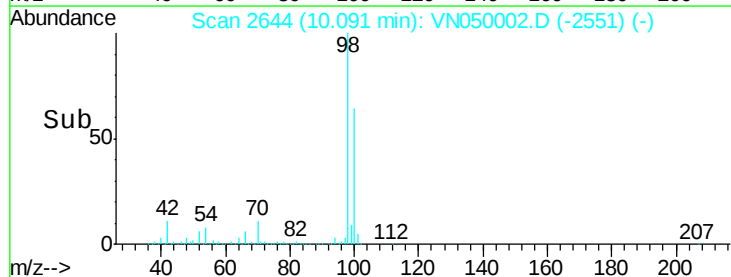
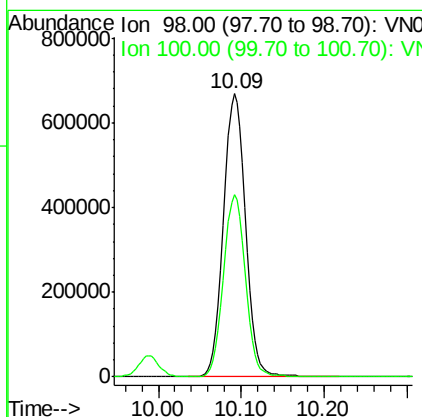
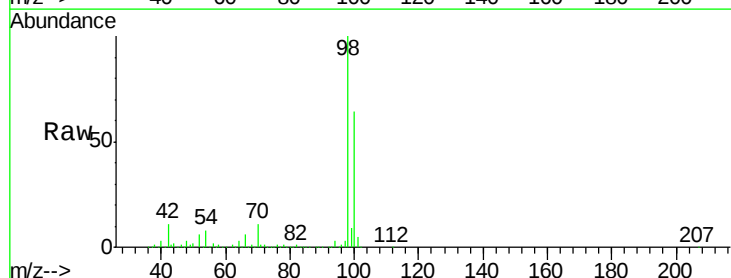
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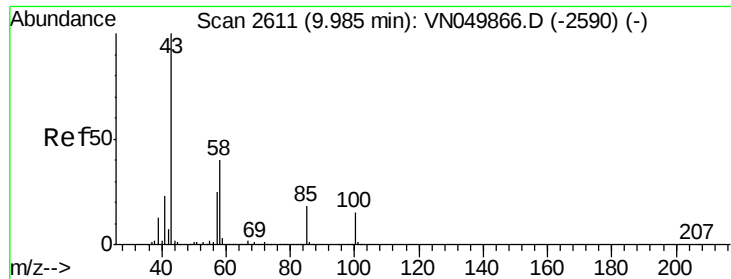
sam
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#50
Toluene-d8
Concen: 46.70 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.7	77.5





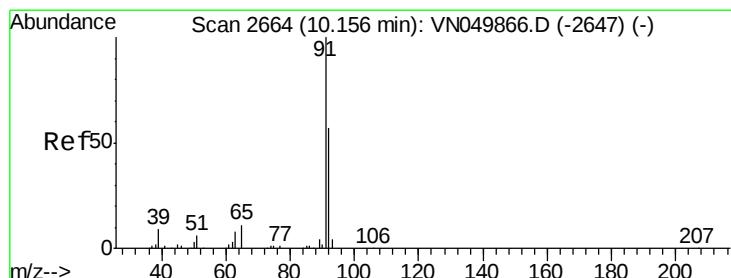
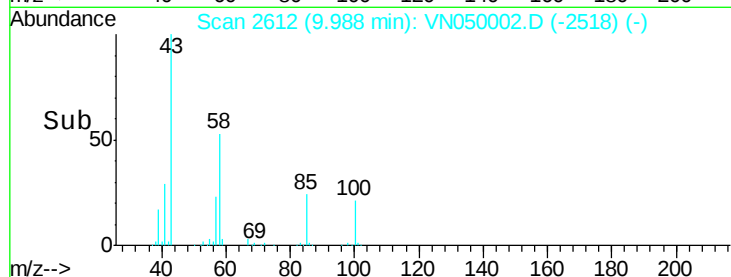
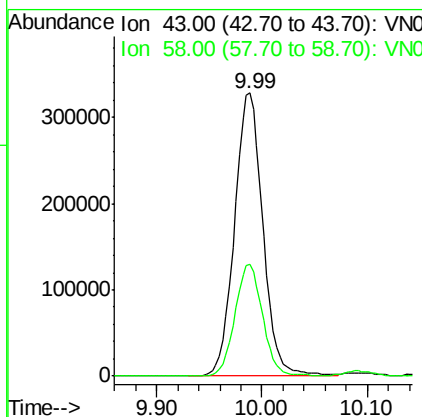
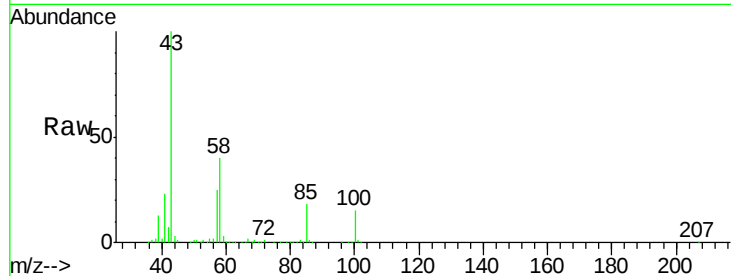
#51
 4-Methyl-2-Pentanone
 Concen: 94.09 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Instrument :
 MSVOA_N
 ClientSampled :
 VN0723WBS01

Tot Ion	43	Resp	607246
Ion Ratio	100	Lower	Upper
43	100		
58	38.9	31.8	47.8

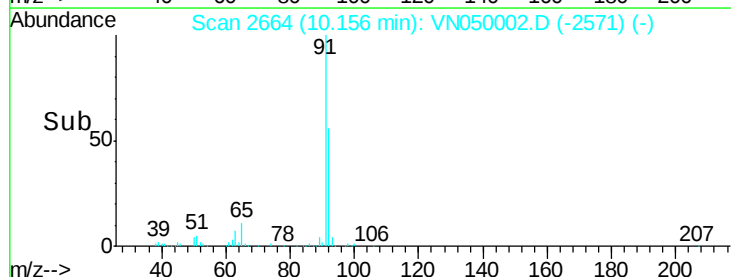
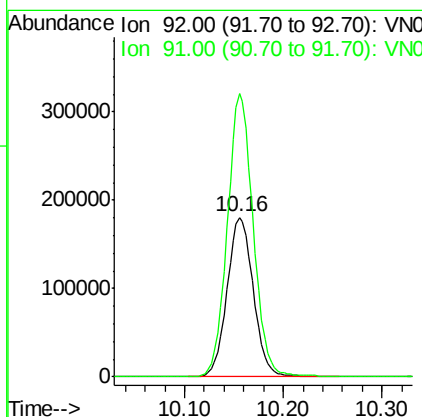
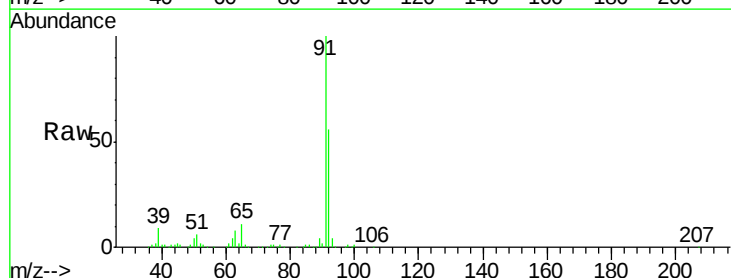
Manual Integrations
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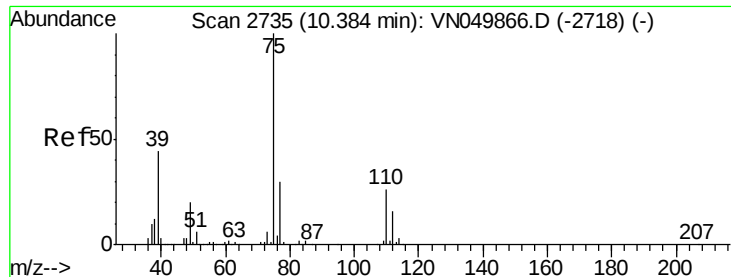
sam
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#52
 Toluene
 Concen: 19.23 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion	92	Resp	336468
Ion Ratio	100	Lower	Upper
92	100		
91	174.9	140.1	210.1





#53

t-1,3-Dichloropropene

Concen: 18.44 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampled :

VN0723WBS01

Tot Ion: 75 Resp: 185046

Ion Ratio Lower Upper

75 100

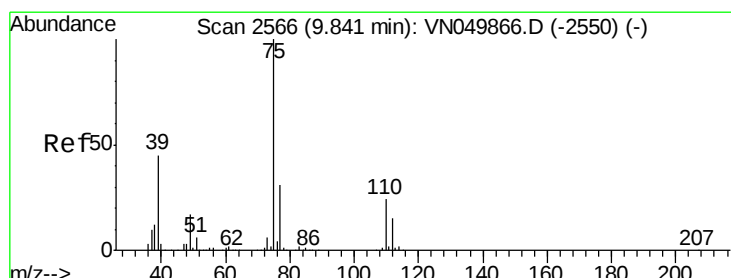
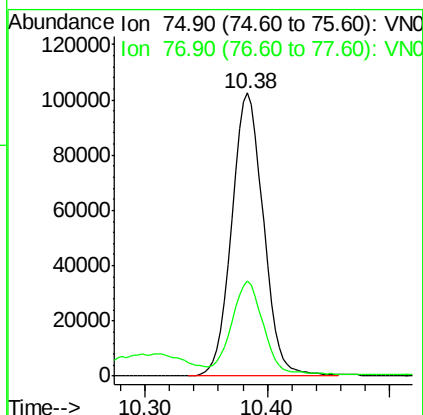
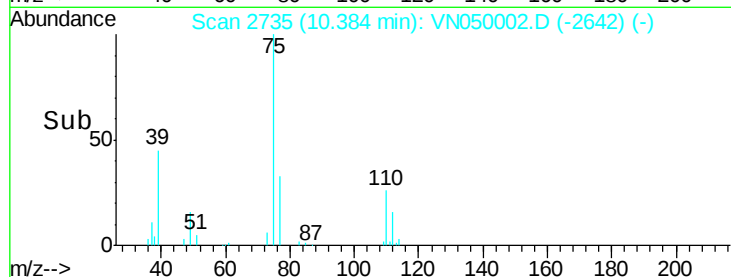
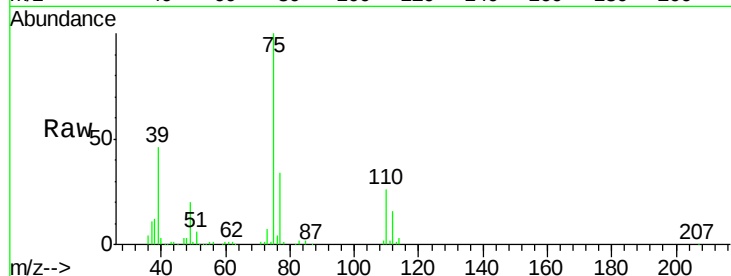
77 32.9 25.2 37.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.23 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

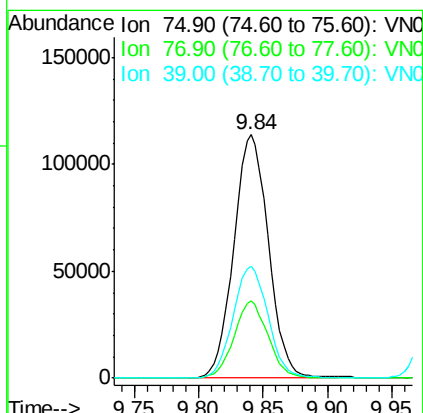
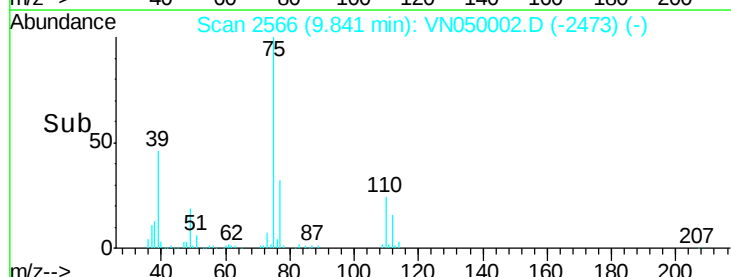
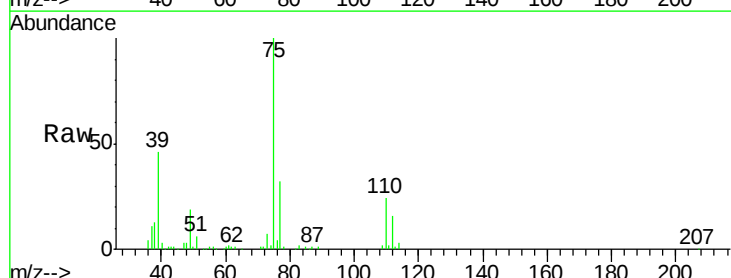
Tgt Ion: 75 Resp: 213307

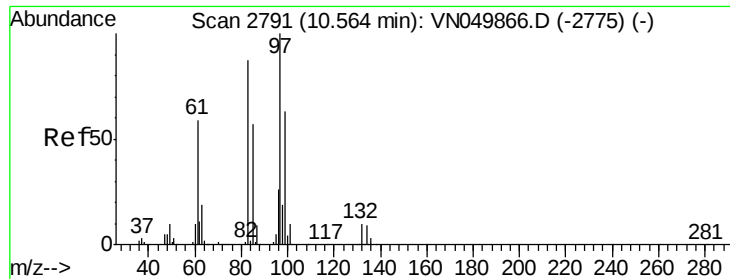
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

39 45.7 35.5 53.3





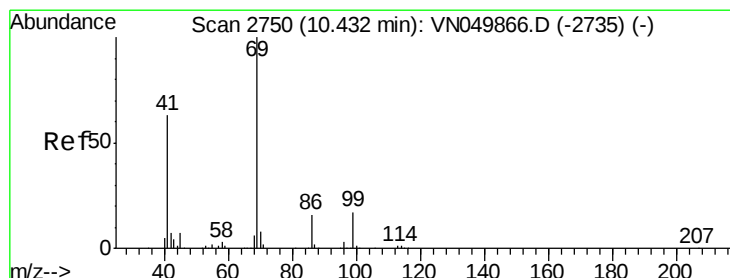
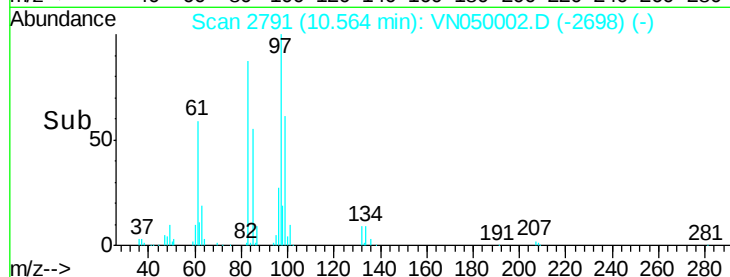
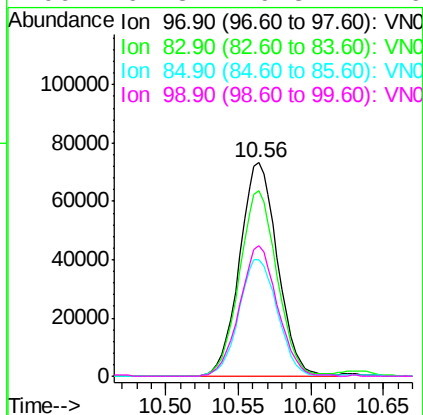
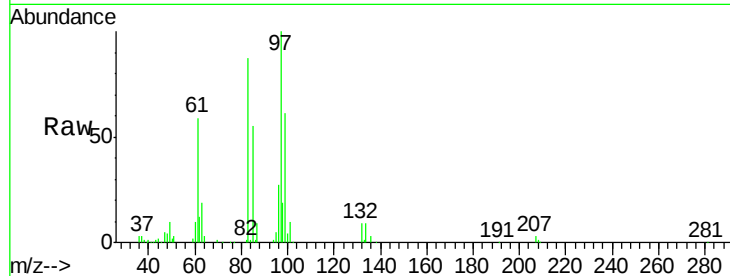
#55
 1,1,2-Trichloroethane
 Concen: 18.48 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Tot Ion:	97	Resp:	133569
Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.0	103.6
85	54.8	44.9	67.3
99	61.3	49.8	74.6

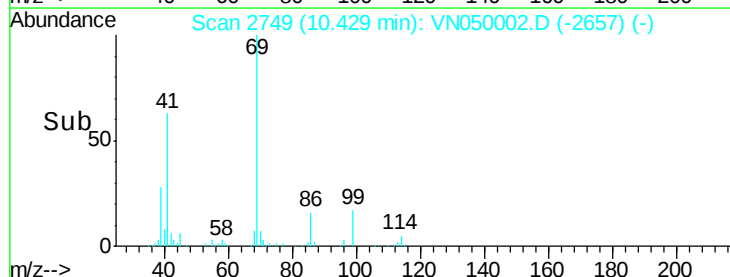
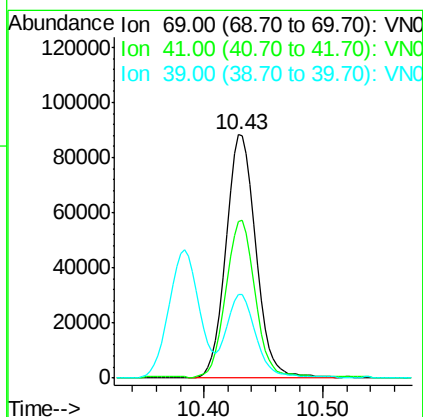
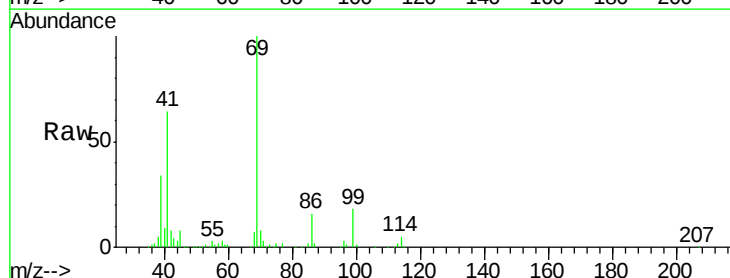
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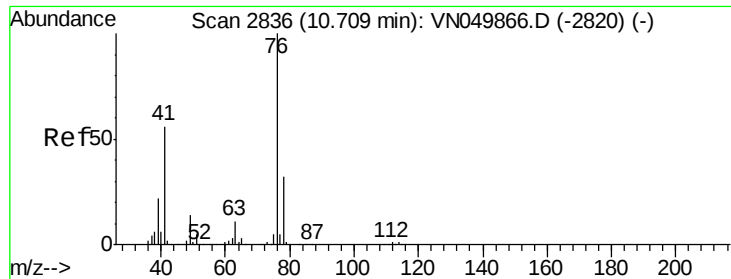
sam
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#56
 Ethyl methacrylate
 Concen: 17.38 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion:	69	Resp:	154420
Ion	Ratio	Lower	Upper
69	100		
41	62.9	51.6	77.4
39	33.8	25.8	38.8





#57

1,3-Dichloropropane

Concen: 18.66 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampled :

VN0723WBS01

Tot Ion: 76 Resp: 212372

Ion Ratio Lower Upper

76 100

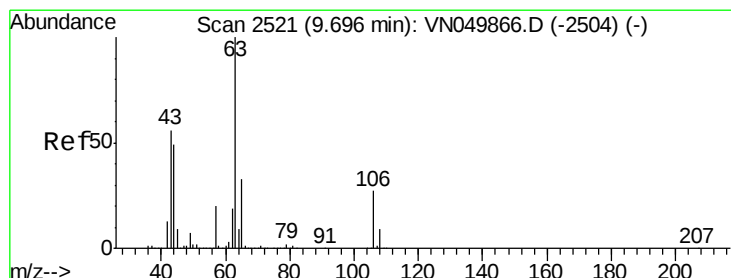
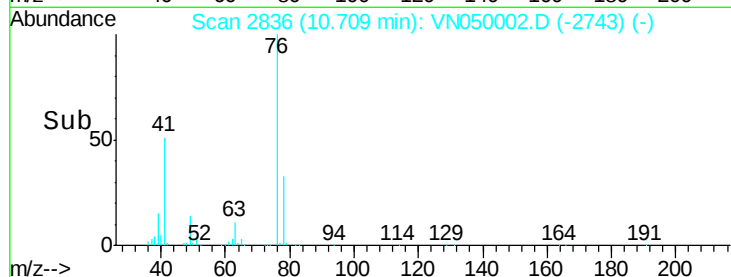
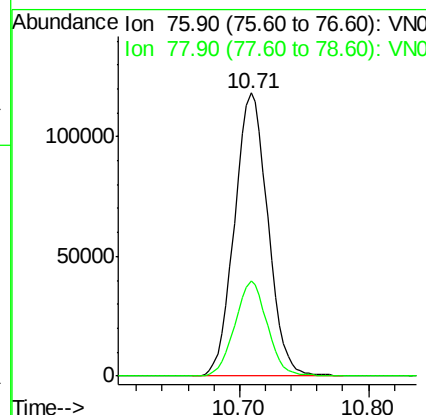
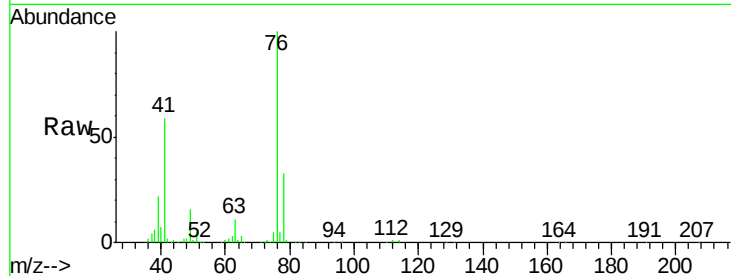
78 32.9 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 90.39 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN050002.D

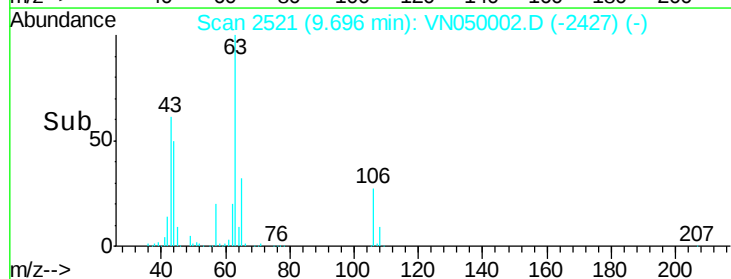
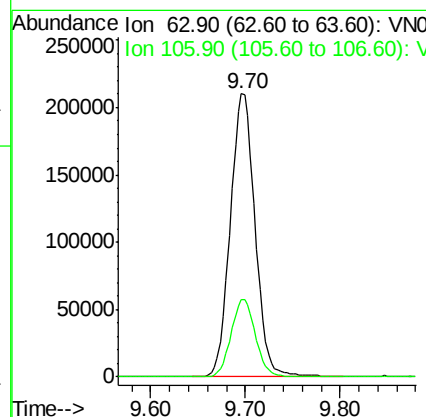
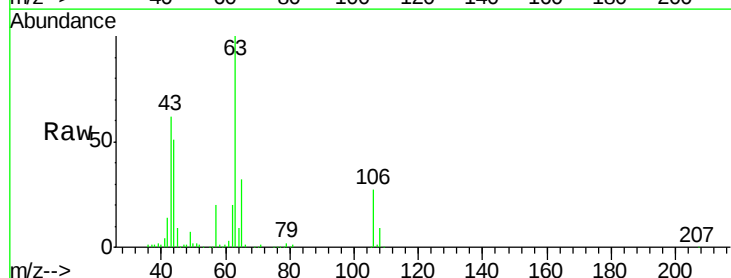
Acq: 23 Jul 2018 10:17

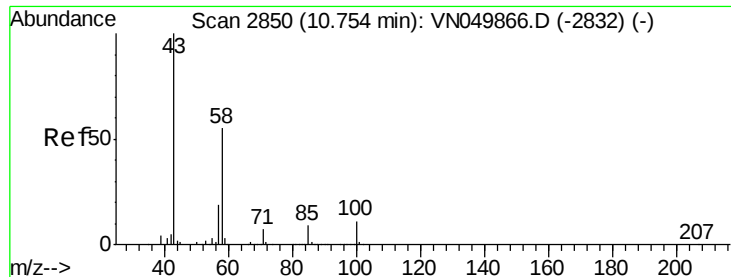
Tgt Ion: 63 Resp: 382865

Ion Ratio Lower Upper

63 100

106 26.9 21.8 32.8





#59

2-Hexanone

Concen: 92.82 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

Tot Ion: 43 Resp: 402383

Ion Ratio Lower Upper

43 100

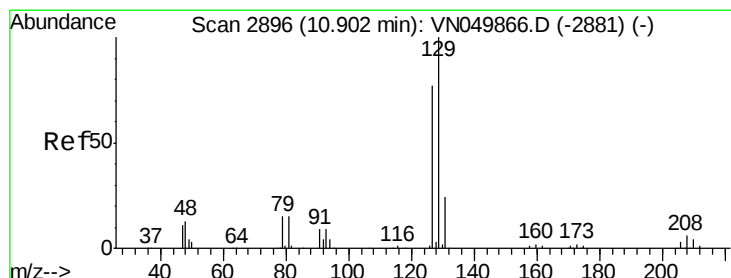
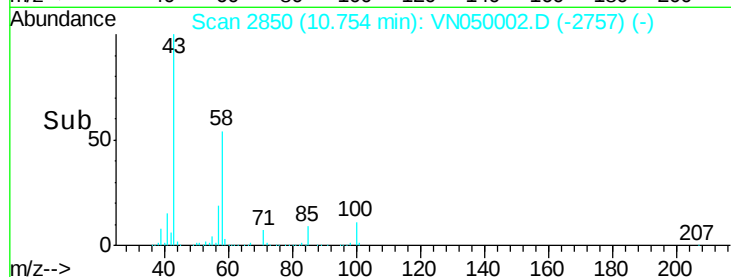
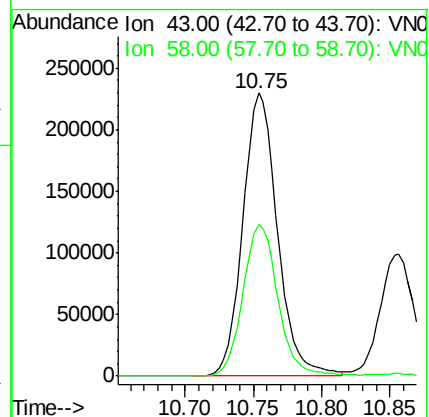
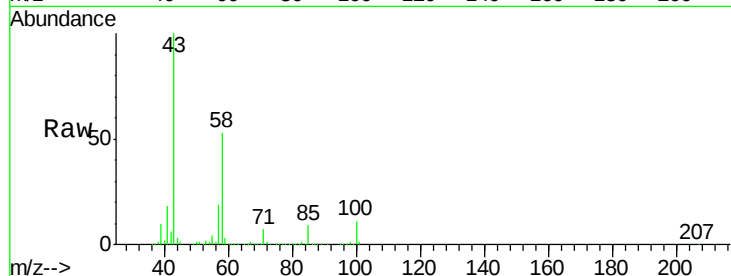
58 54.5 27.8 83.4

Manual Integrations

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sam

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#60

Dibromochloromethane

Concen: 18.35 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VN050002.D

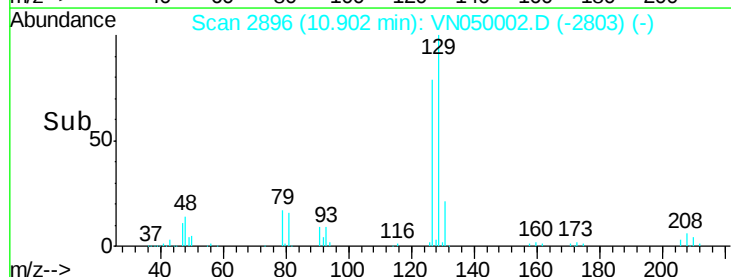
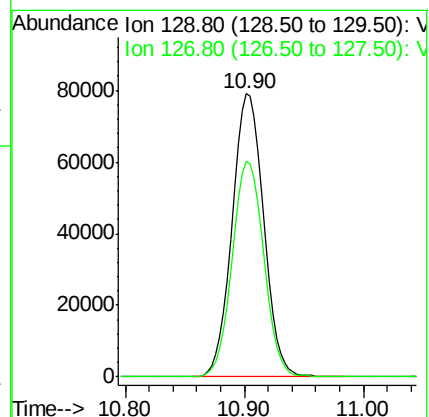
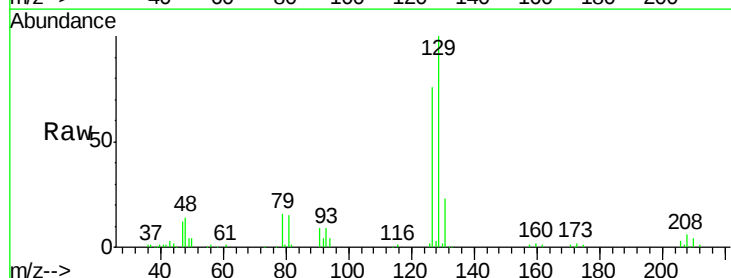
Acq: 23 Jul 2018 10:17

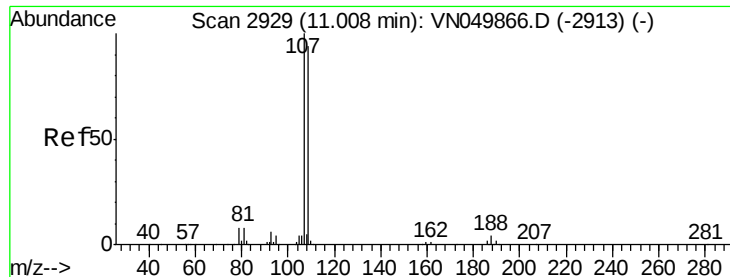
Tgt Ion: 129 Resp: 145466

Ion Ratio Lower Upper

129 100

127 76.2 38.3 114.9





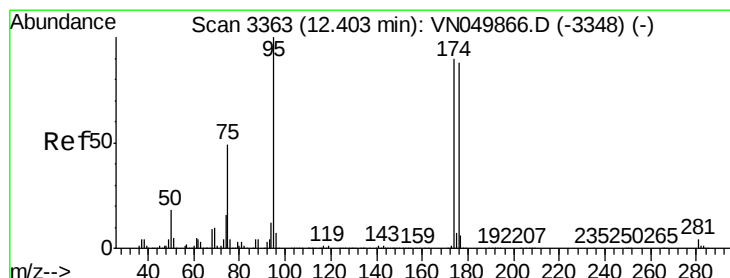
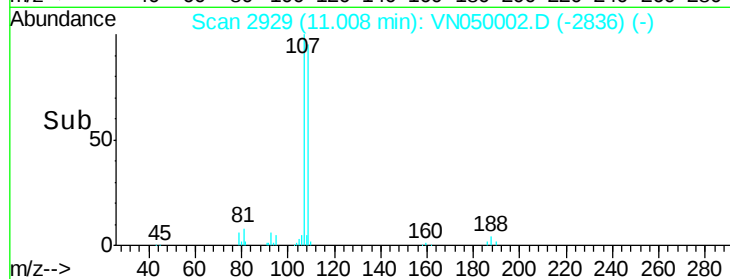
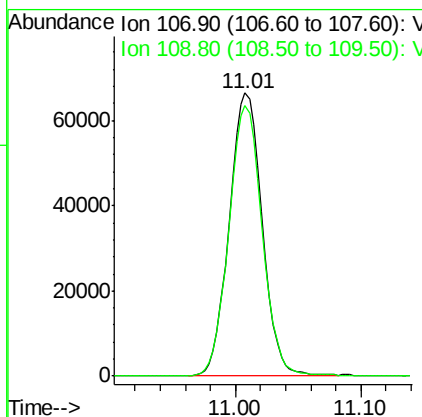
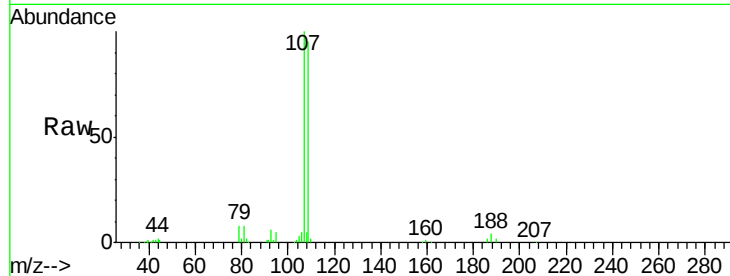
#61
 1,2-Dibromoethane
 Concen: 17.99 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.6	75.0	112.6

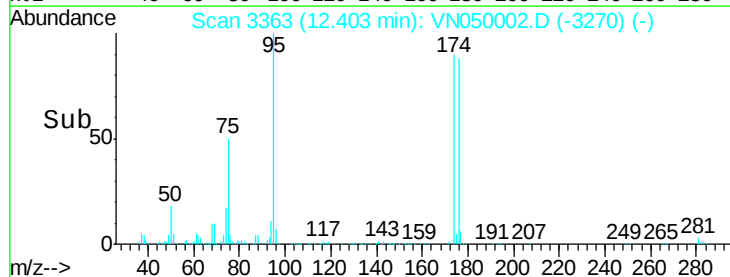
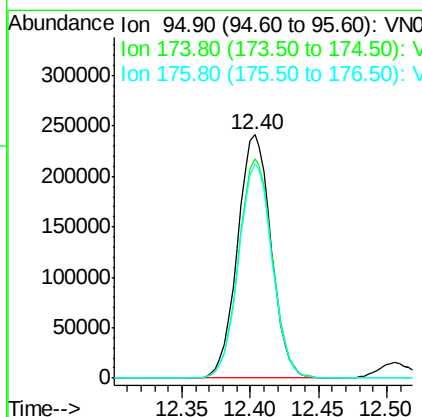
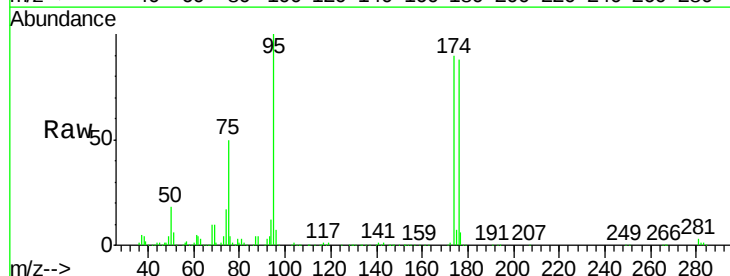
Manual Integrations
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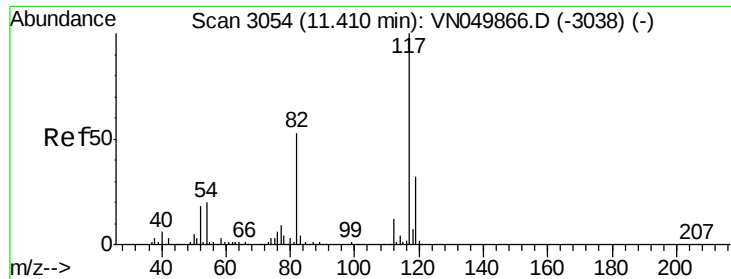
sam
 7/24/2018 5:46:46 PM



#62
 4-Bromofluorobenzene
 Concen: 45.27 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	179.6
176	87.6	0.0	174.0





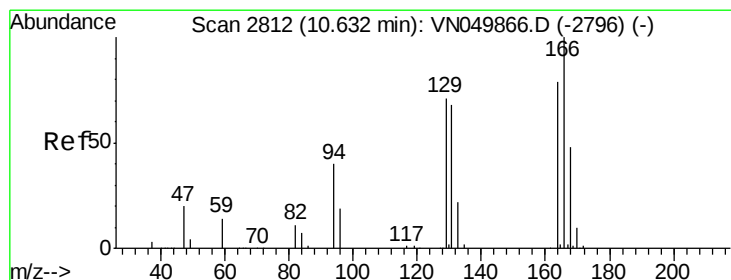
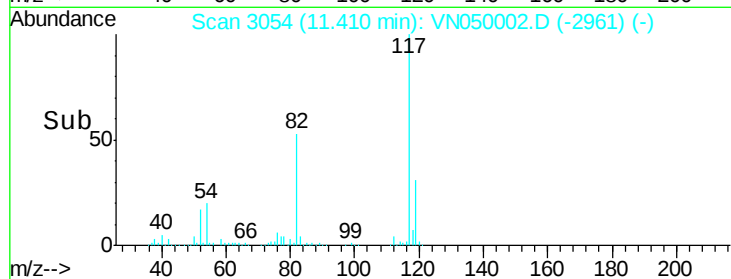
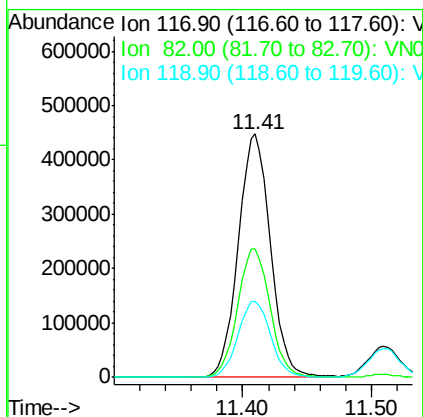
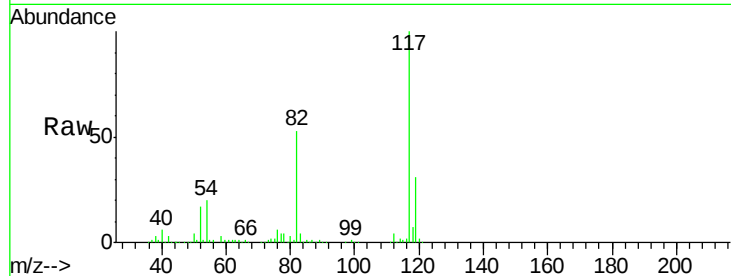
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.9	62.9
119	31.4	25.4	38.2

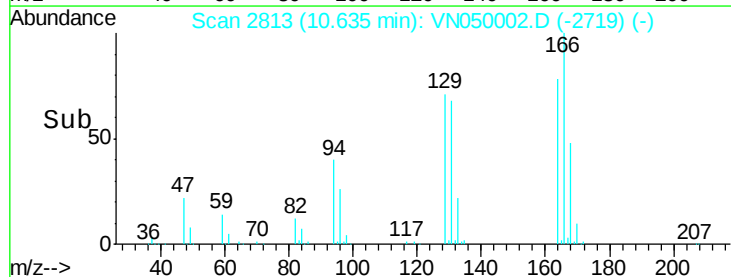
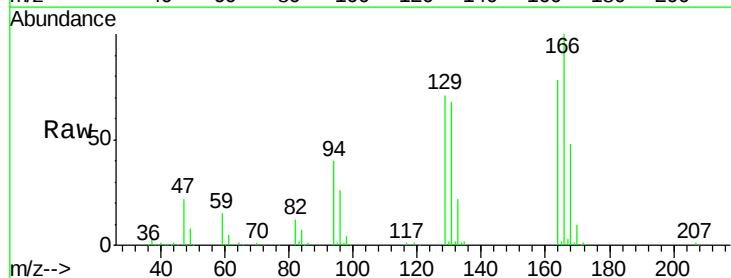
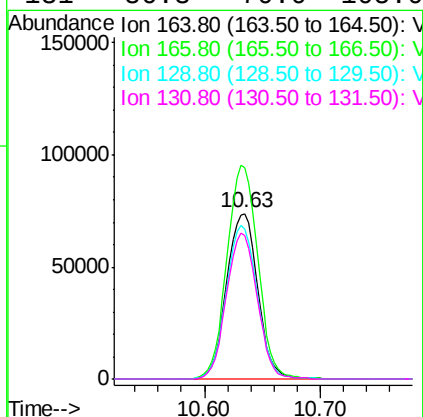
Manual Integrations
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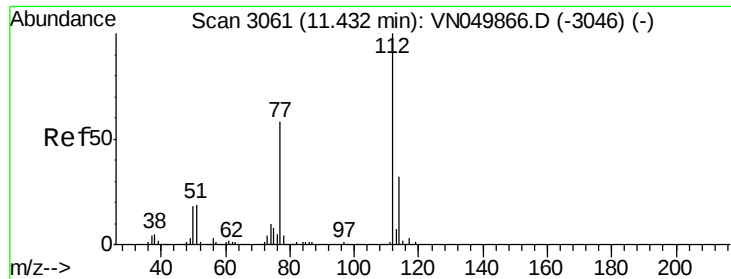
sam
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#64
Tetrachloroethene
Concen: 19.56 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	101.8	152.6
129	90.2	72.8	109.2
131	86.3	70.0	105.0





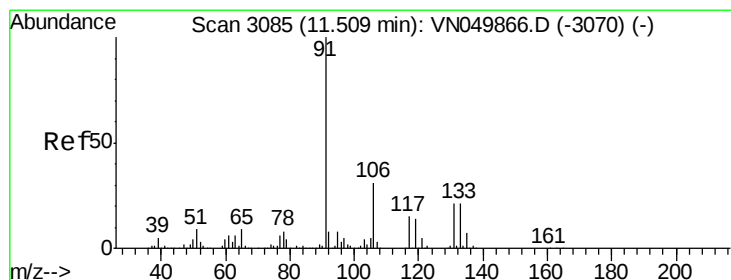
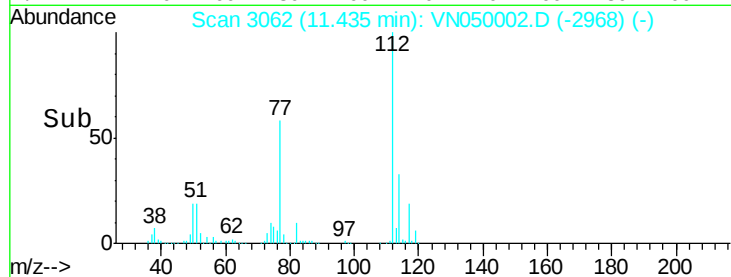
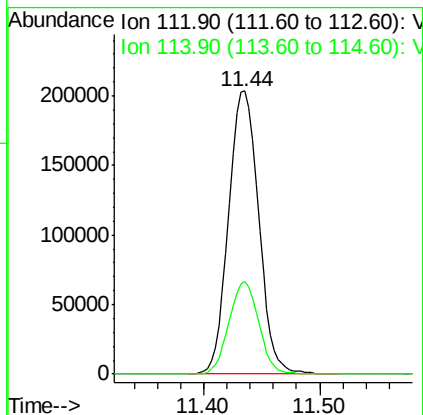
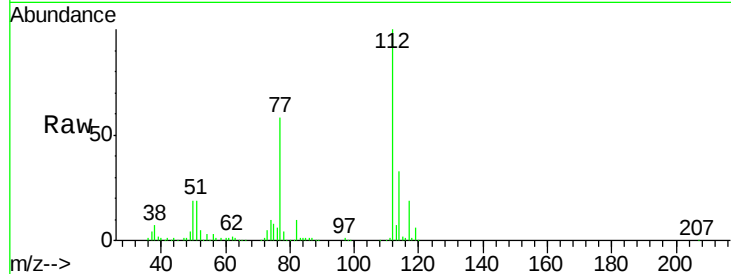
#65
Chlorobenzene
Concen: 18.70 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion:112 Resp: 365415
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0

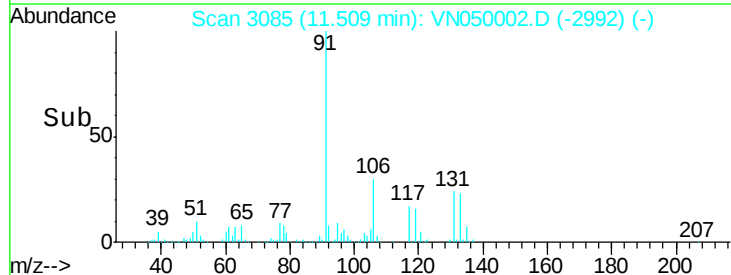
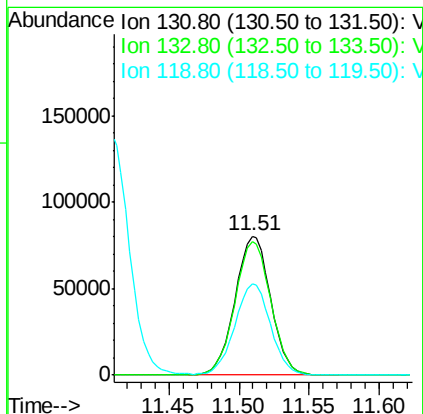
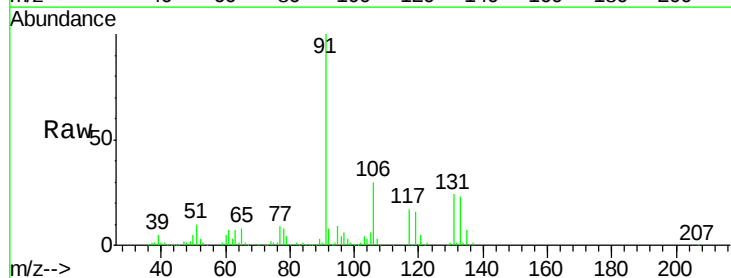
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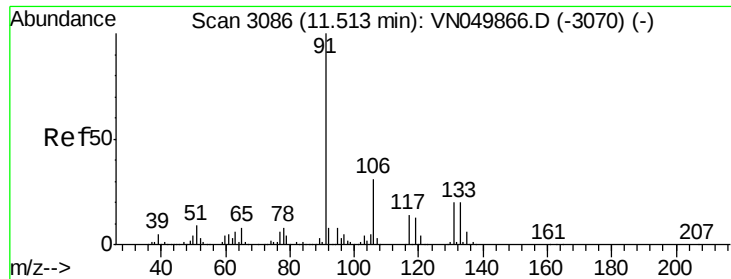
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.73 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion:131 Resp: 141730
Ion Ratio Lower Upper
131 100
133 97.2 47.5 142.6
119 65.9 33.1 99.3





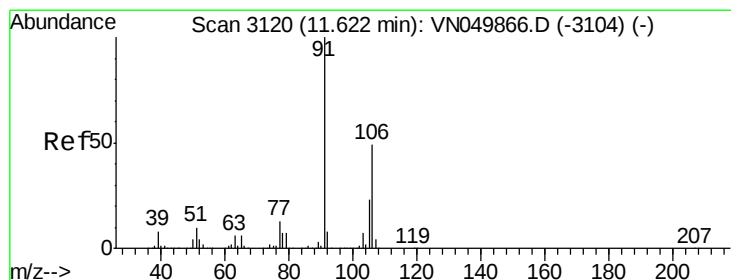
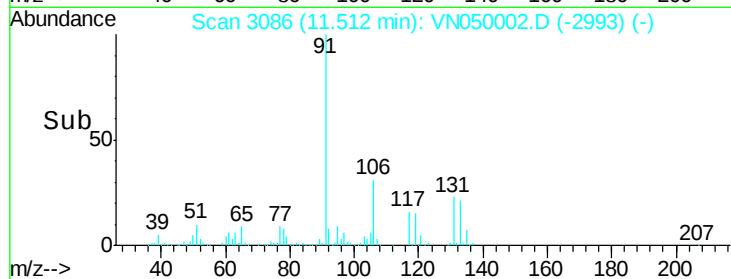
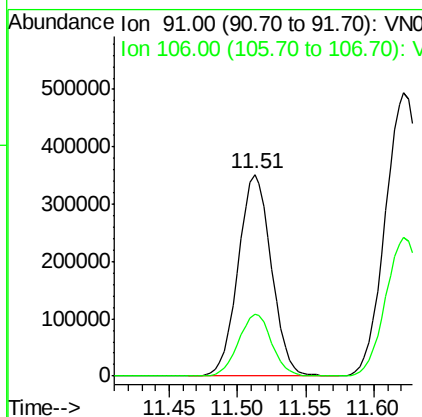
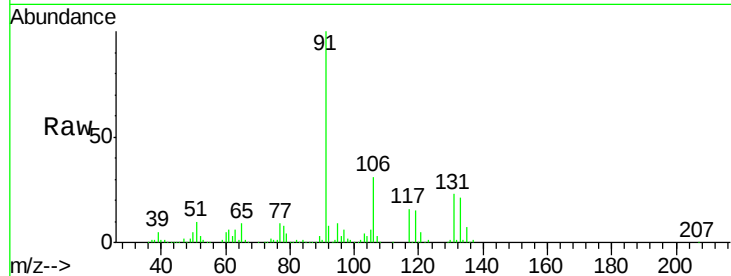
#67
Ethyl Benzene
Concen: 18.78 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampled :
VN0723WBS01

Tot Ion: 91 Resp: 595168
Ion Ratio Lower Upper
91 100
106 30.7 24.8 37.2

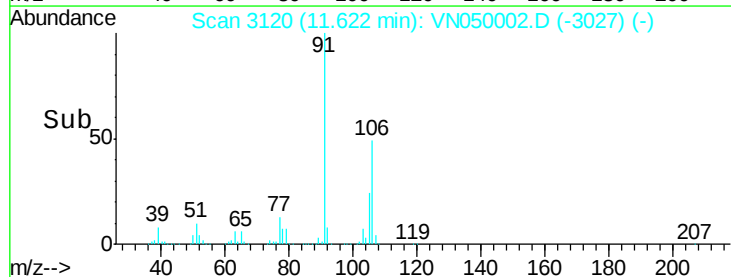
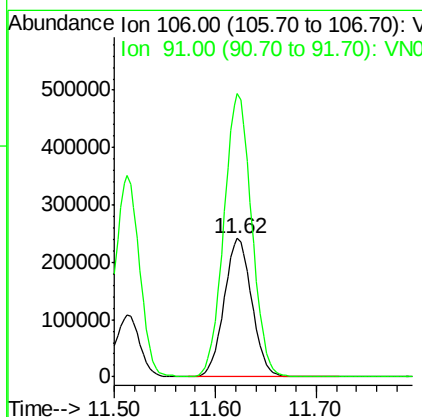
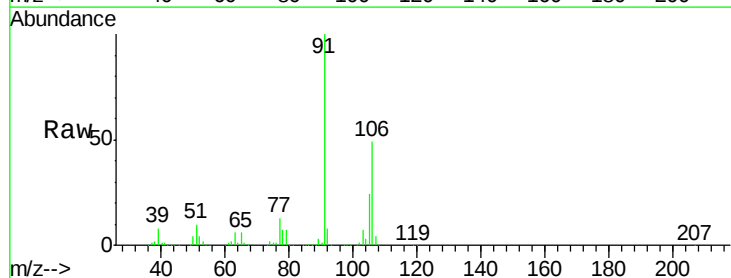
Manual Integrations
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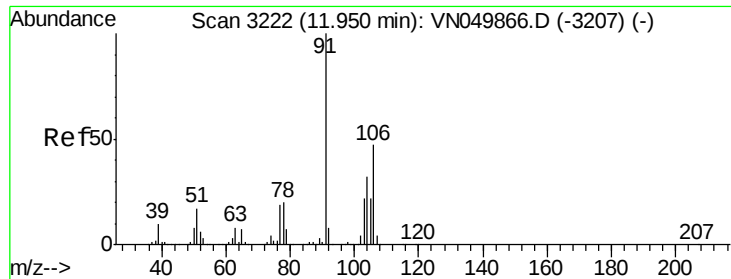
sam
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#68
m/p-Xylenes
Concen: 38.52 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion: 106 Resp: 462125
Ion Ratio Lower Upper
106 100
91 205.1 163.4 245.2





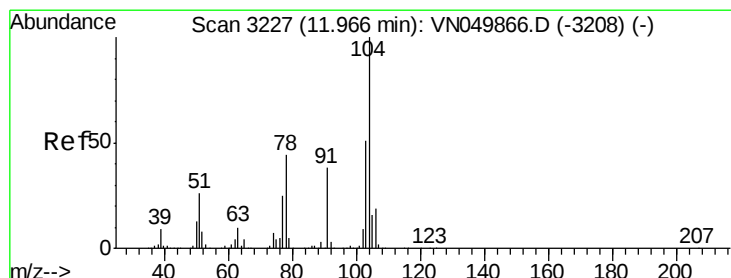
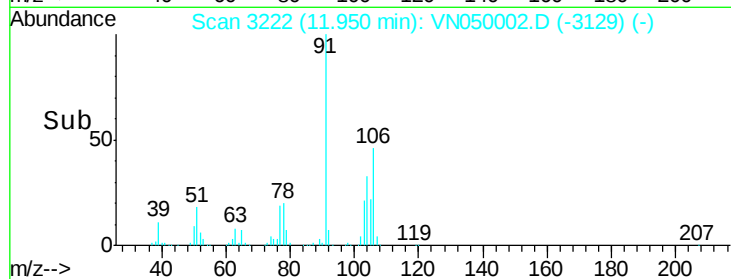
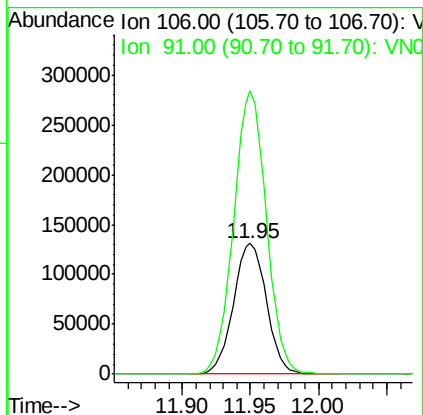
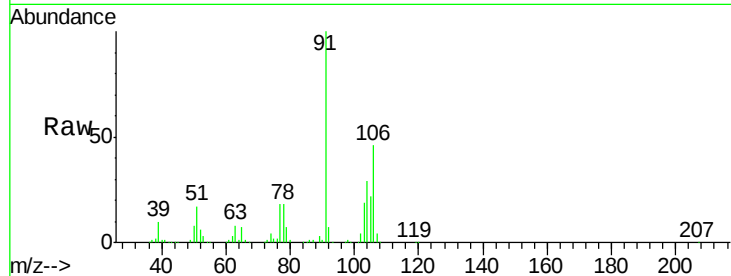
#69
o-Xylene
Concen: 19.13 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampled :
VN0723WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.9	108.7	326.1	

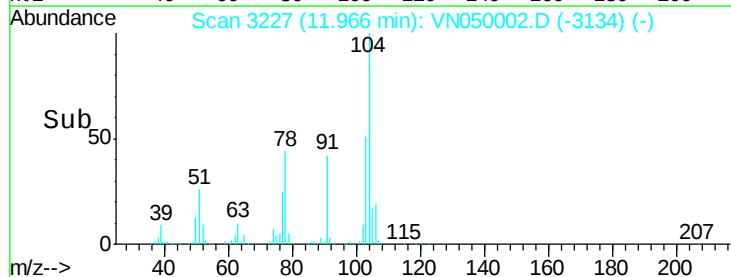
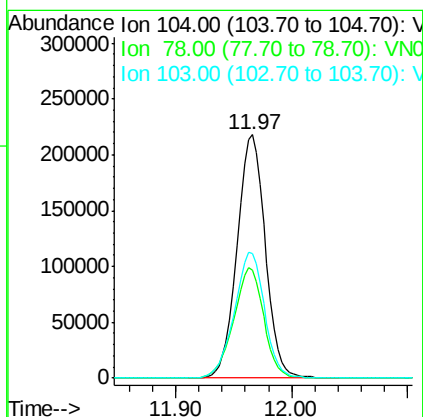
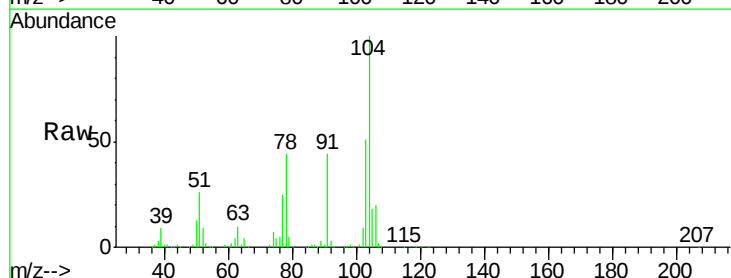
Manual Integrations
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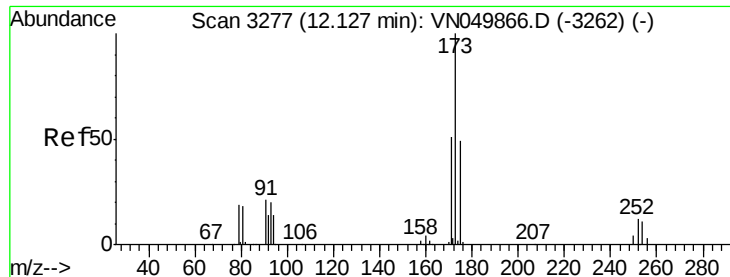
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#70
Styrene
Concen: 19.66 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.5	39.2	58.8	
103	55.5	44.6	67.0	





#71

Bromoform

Concen: 18.43 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

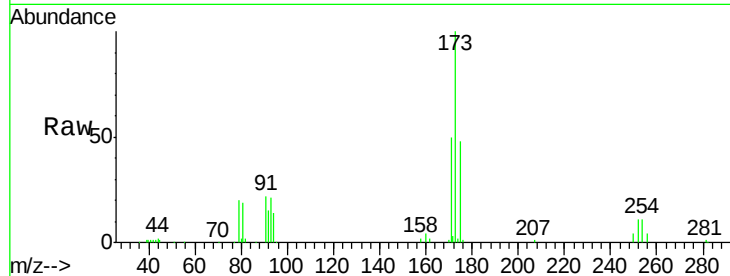
VN0723WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.6	73.8
254	0.0	0.2	0.2

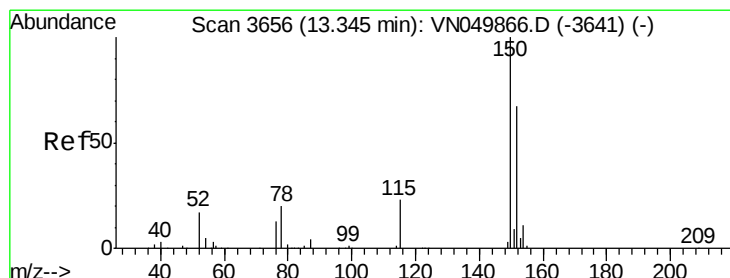
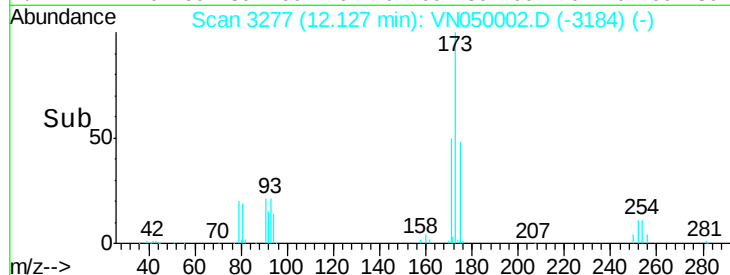
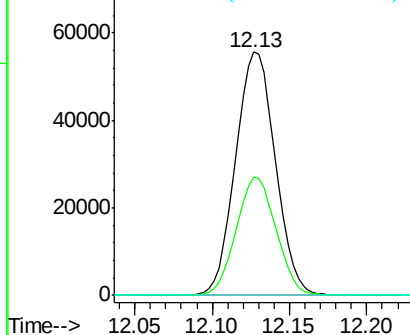
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

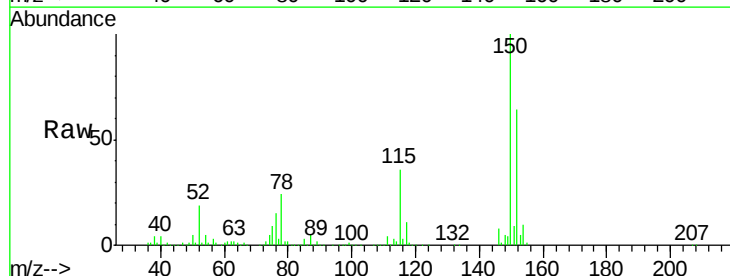
RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

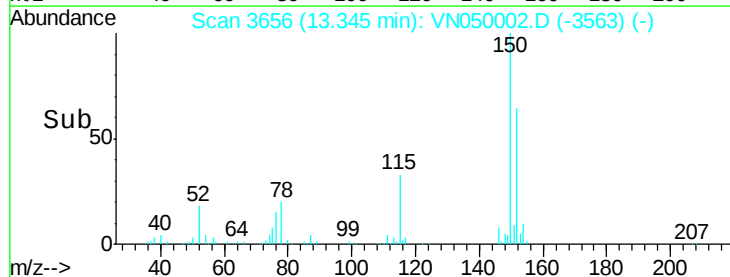
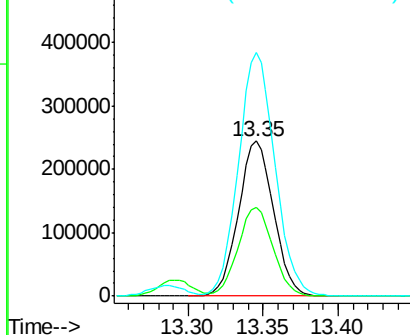
Lab File: VN050002.D

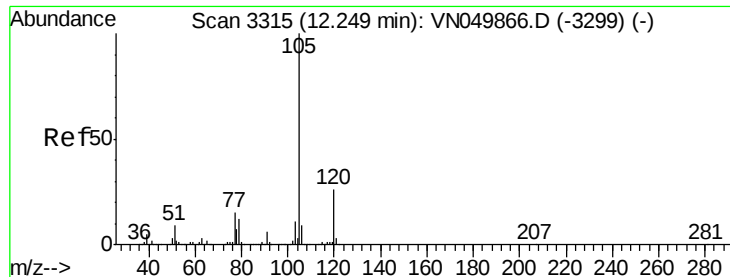
Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.1	84.2
150	163.4	0.0	347.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.57 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

Tot Ion: 105 Resp: 593836

Ion Ratio Lower Upper

105 100

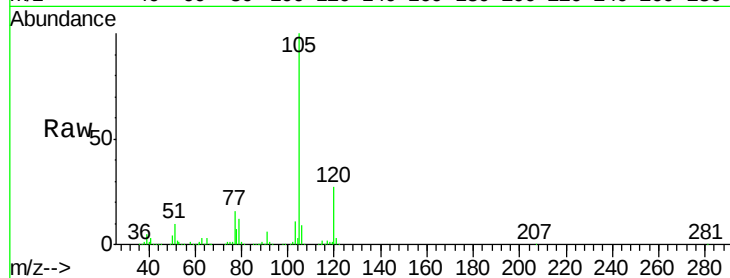
120 26.6 13.3 39.8

Manual Integrations

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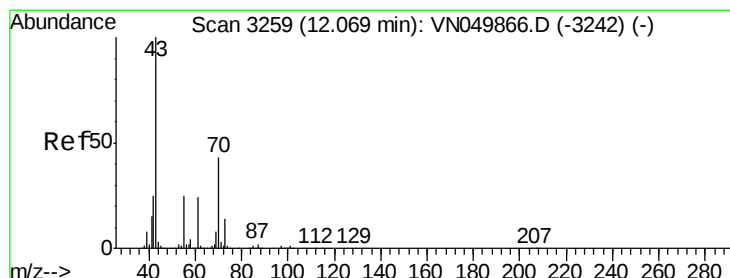
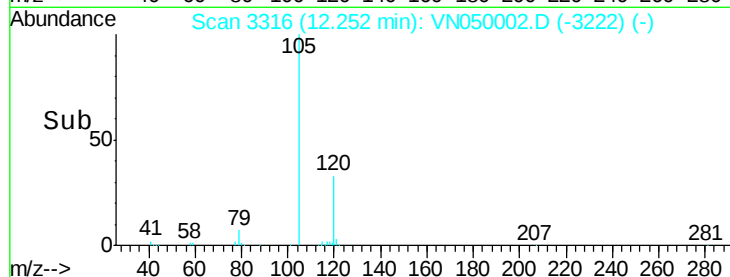
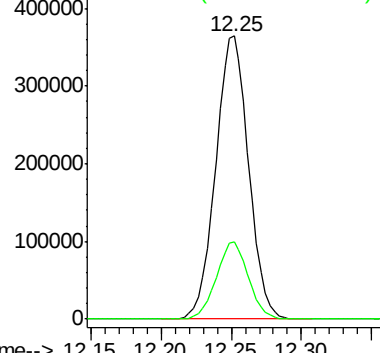
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.98 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Tgt Ion: 43 Resp: 166049

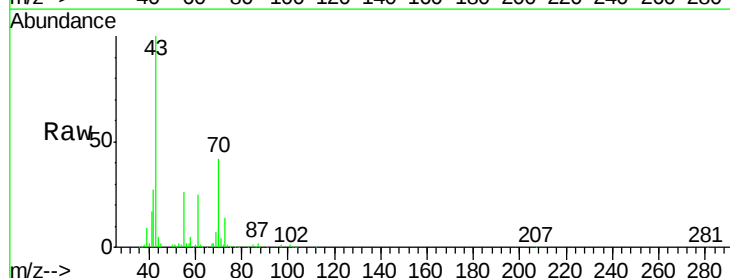
Ion Ratio Lower Upper

43 100

70 42.0 34.8 52.2

55 26.6 20.9 31.3

61 24.0 19.9 29.9

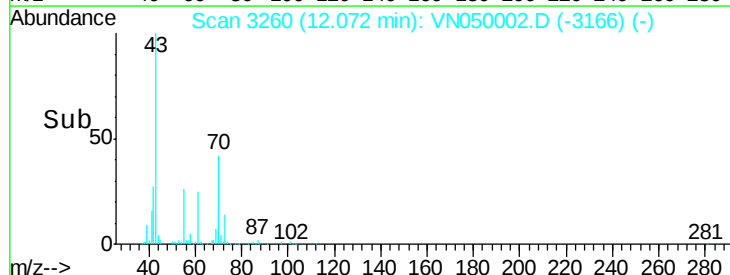
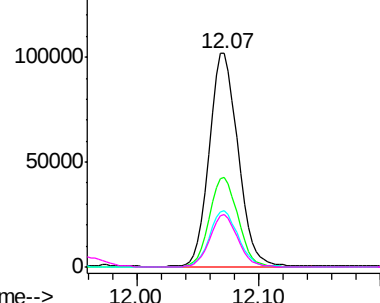


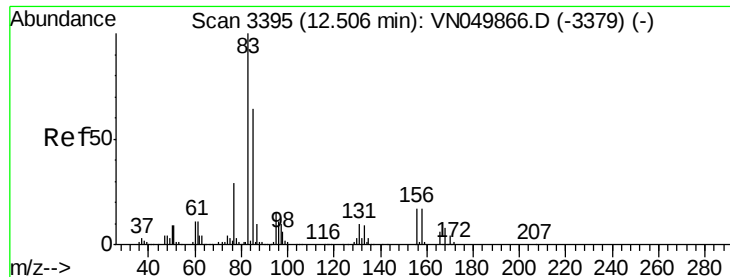
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.12 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

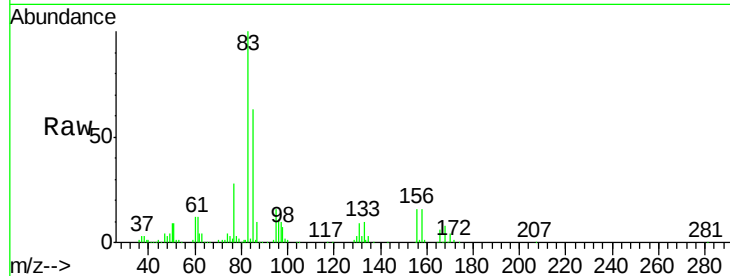
ClientSampleId :

VN0723WBS01

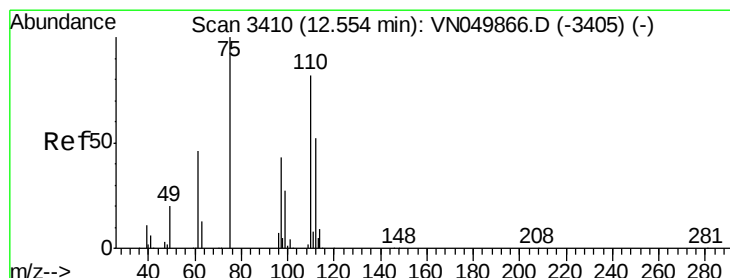
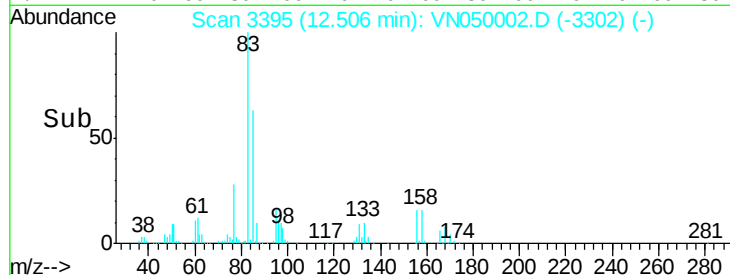
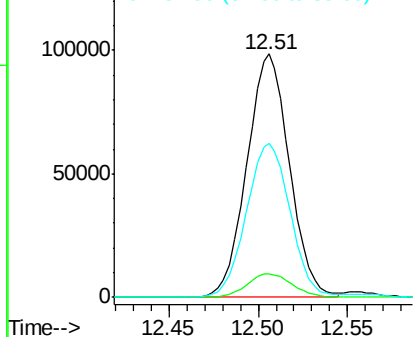
Tot Ion:	83	Resp:	164736
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.2	15.6
85	64.6	32.5	97.4

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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): VN
Ion 84.90 (84.60 to 85.60): VN



#76

1,2,3-Trichloropropane

Concen: 18.60 ug/l m

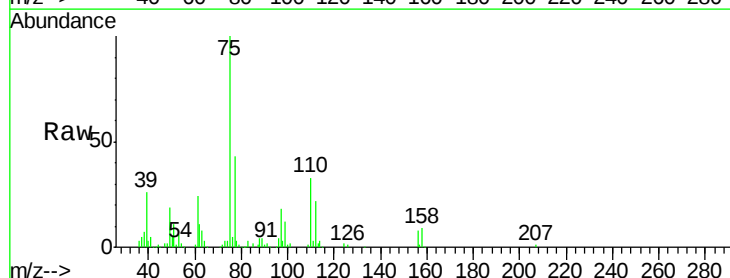
RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

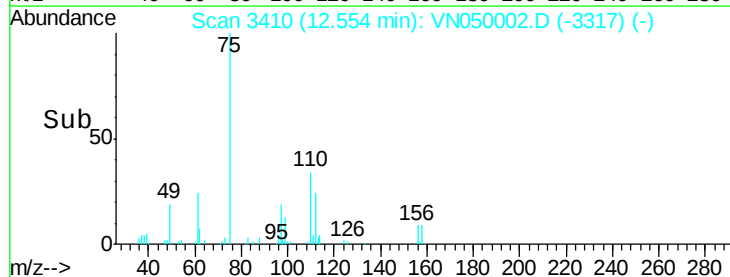
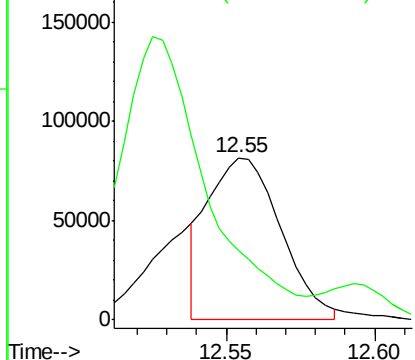
Lab File: VN050002.D

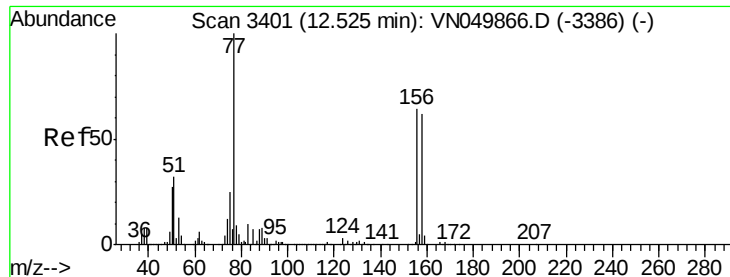
Acq: 23 Jul 2018 10:17

Tgt Ion:	75	Resp:	139358
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN





#77

Bromobenzene

Concen: 18.63 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

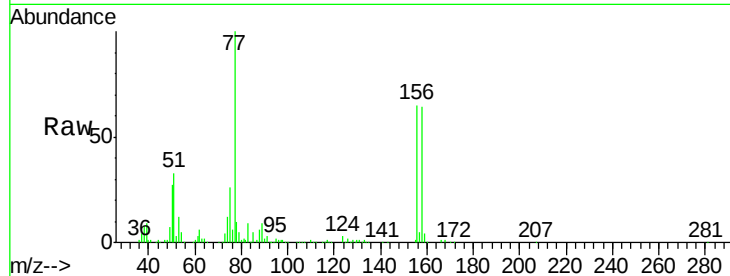
VN0723WBS01

Tot Ion:	156	Resp:	156146
Ion Ratio	Lower	Upper	
156	100		
77	186.8	90.2	270.6
158	99.7	49.1	147.3

Manual Integrations
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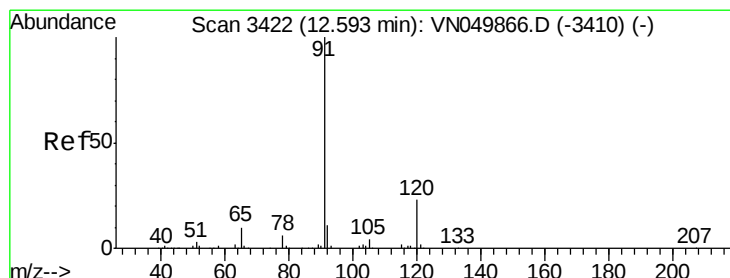
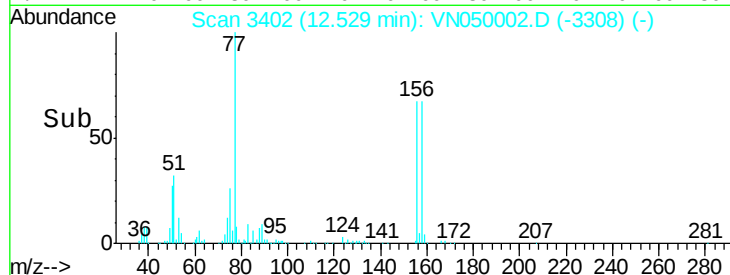
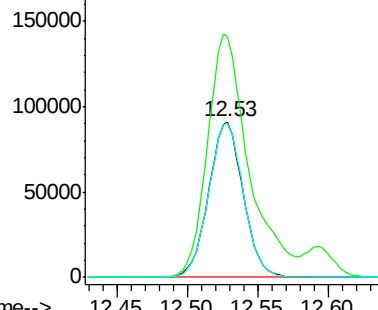
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.20 ug/l

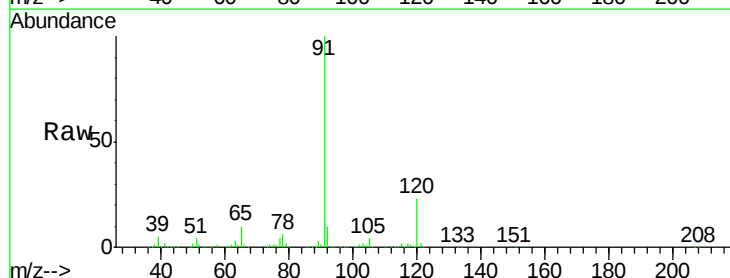
RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050002.D

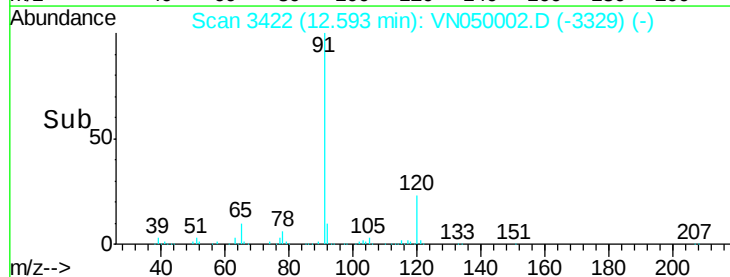
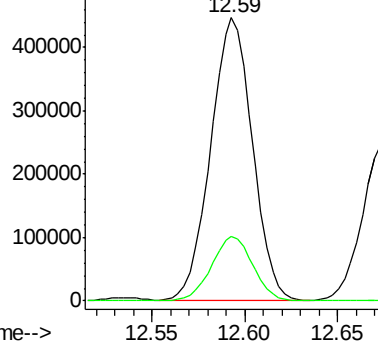
Acq: 23 Jul 2018 10:17

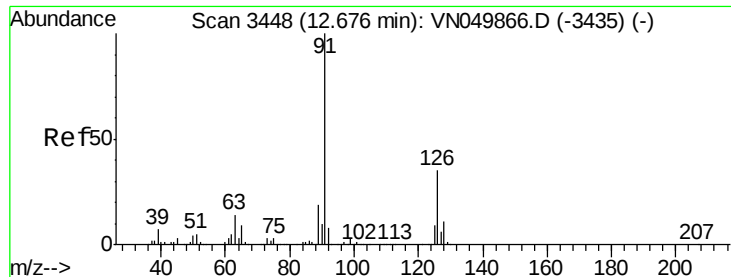
Tgt Ion:	91	Resp:	696796
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.09 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

Tot Ion: 91 Resp: 425610

Ion Ratio Lower Upper

91 100

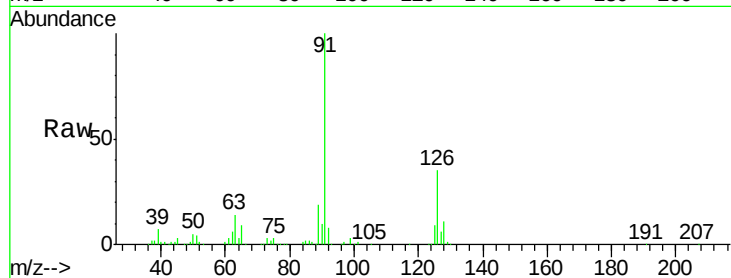
126 34.7 17.5 52.5

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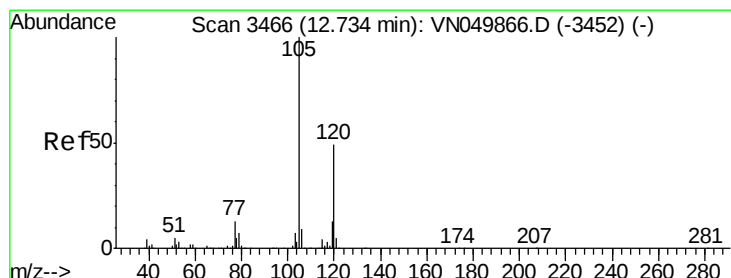
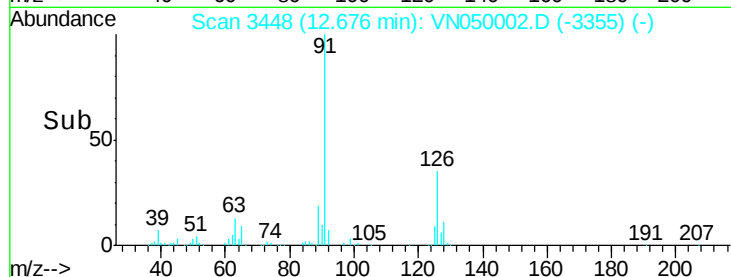
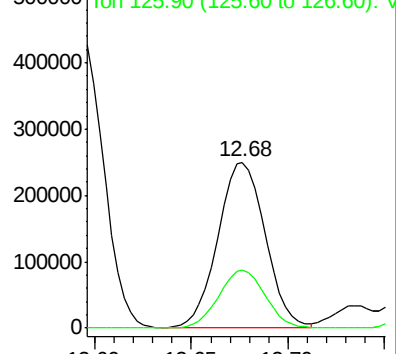
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Abundance Ion 91.00 (90.70 to 91.70): VN050002.D (-3355) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.53 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050002.D

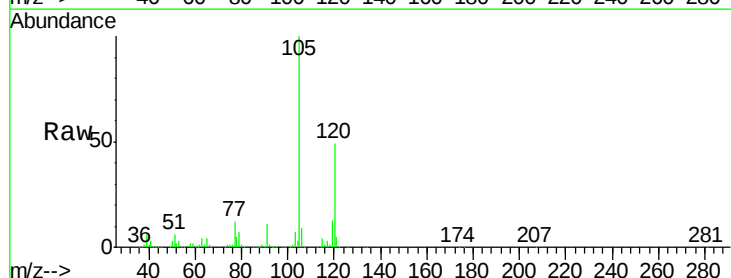
Acq: 23 Jul 2018 10:17

Tgt Ion: 105 Resp: 499342

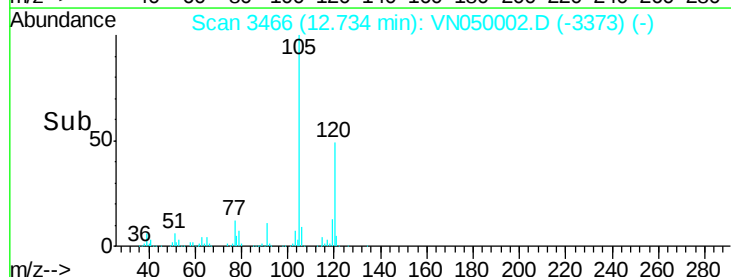
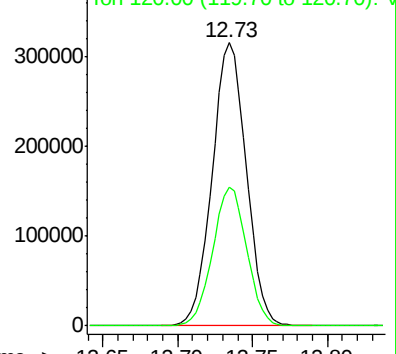
Ion Ratio Lower Upper

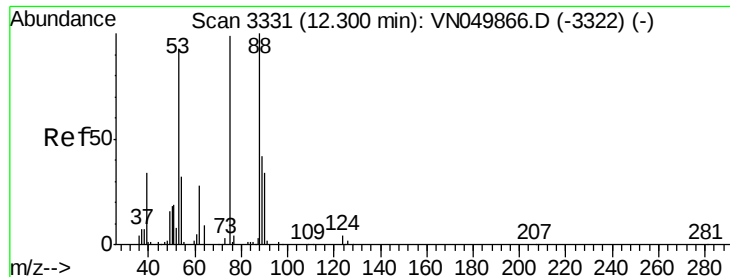
105 100

120 49.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN050002.D (-3373) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.43 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

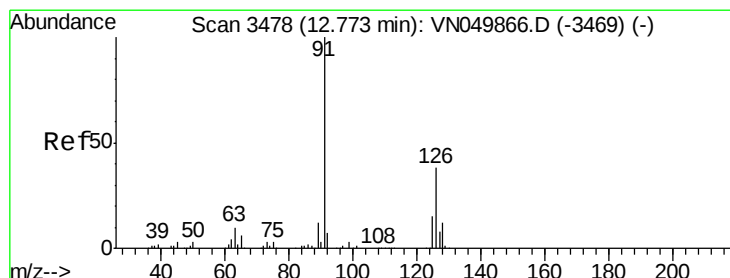
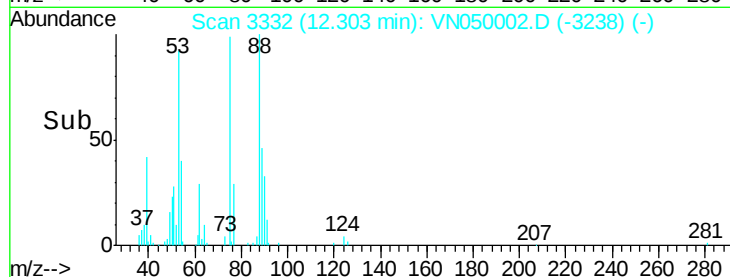
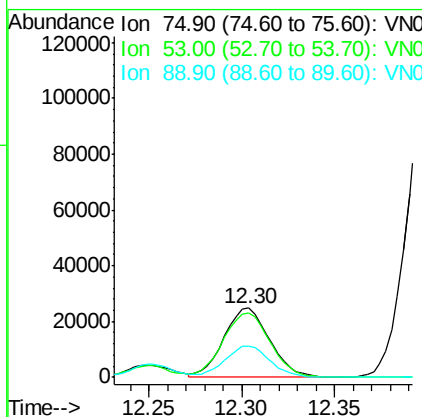
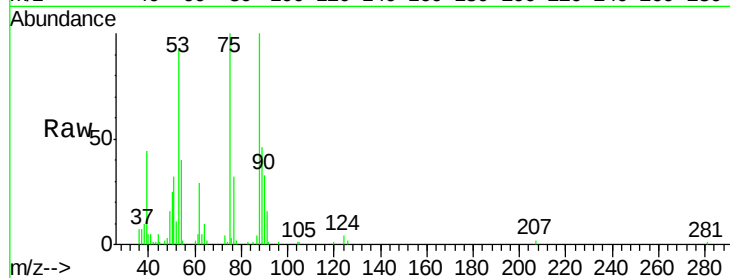
VN0723WBS01

Tot Ion:	75	Resp:	41762
Ion	Ratio	Lower	Upper
75	100		
53	98.2	73.9	110.9
89	45.7	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.88 ug/l

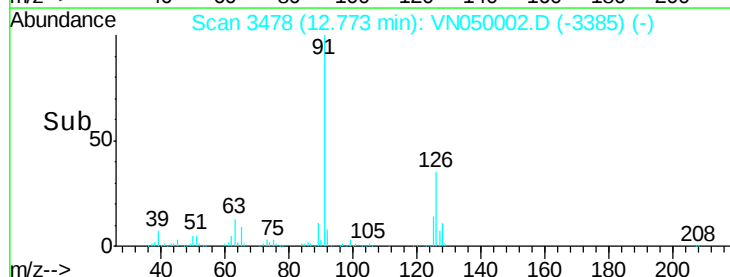
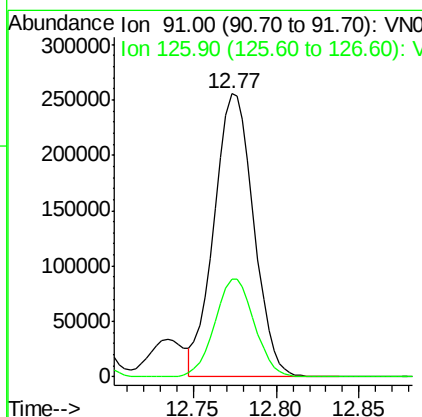
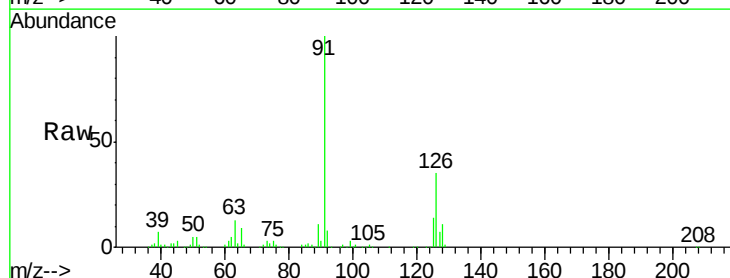
RT: 12.77 min Scan# 3478

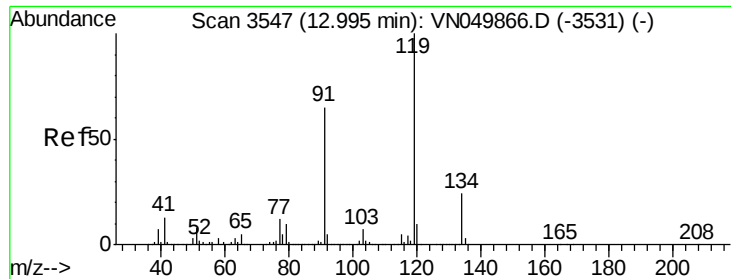
Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Tgt Ion:	91	Resp:	422550
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.2	51.6





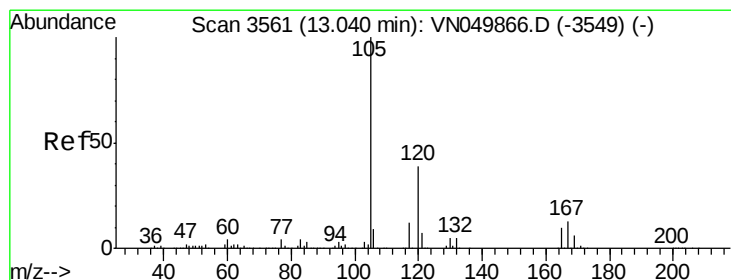
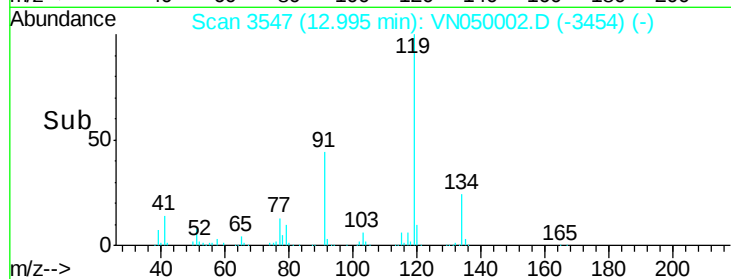
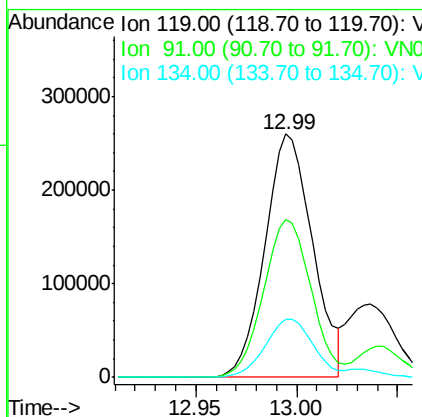
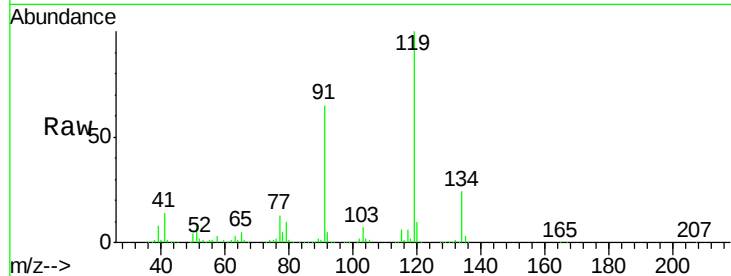
#83
 tert-Butylbenzene
 Concen: 20.01 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	32.0	96.2
134	24.1	12.8	38.4

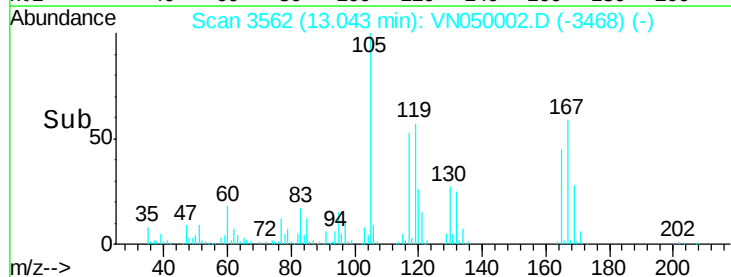
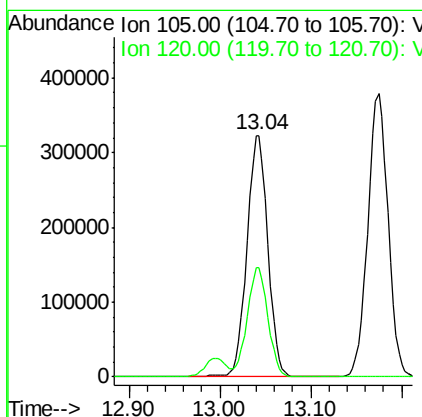
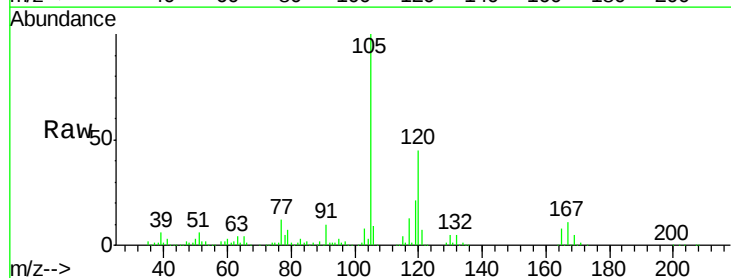
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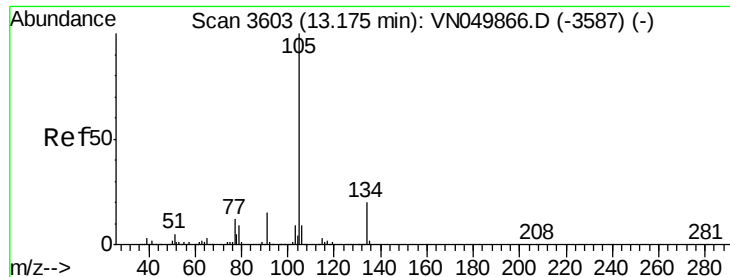
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.90 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.7	68.1





#85

sec-Butylbenzene

Concen: 20.70 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

Tot Ion:105 Resp: 584338

Ion Ratio Lower Upper

105 100

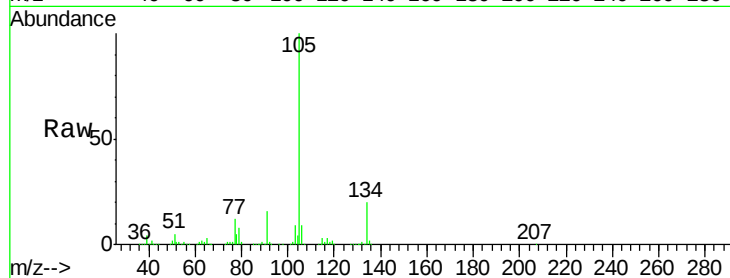
134 19.6 10.1 30.1

Manual Integrations

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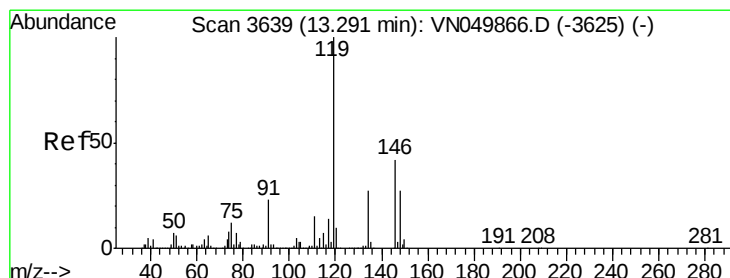
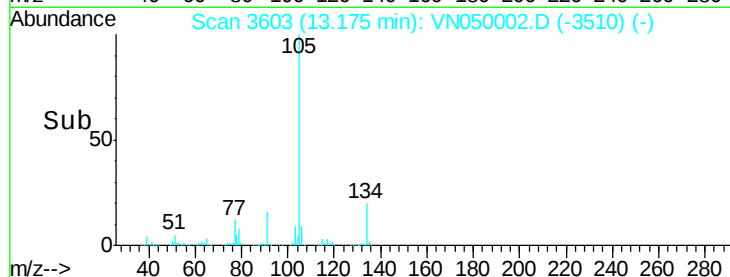
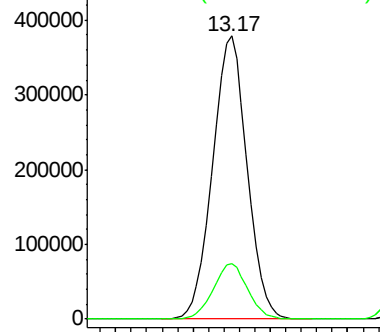
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.72 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

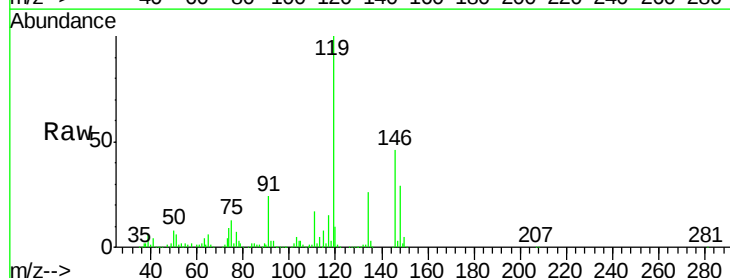
Tgt Ion:119 Resp: 498642

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.9

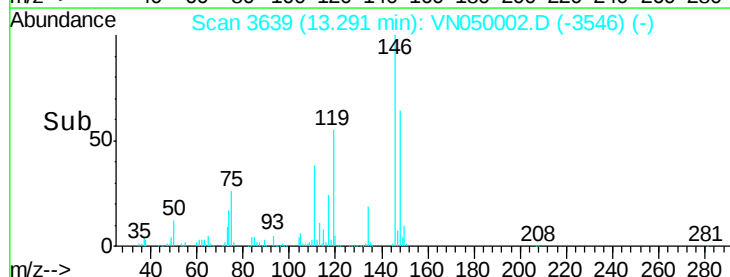
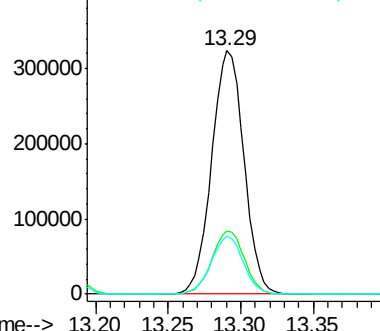
91 23.3 11.4 34.1

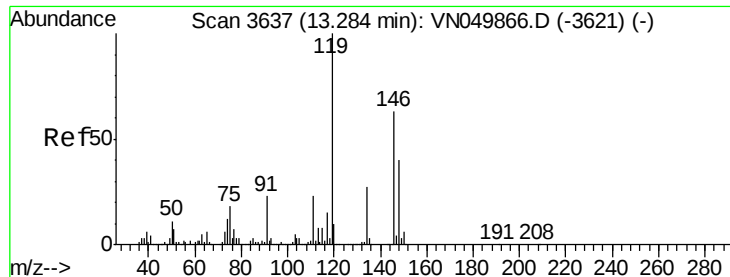


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





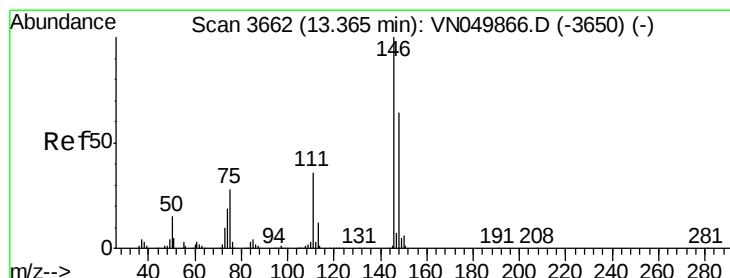
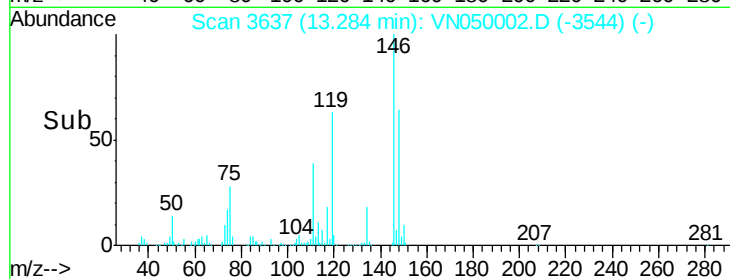
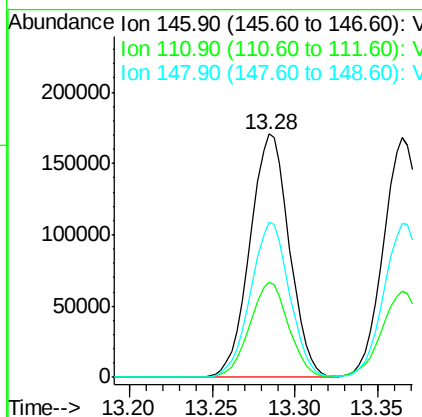
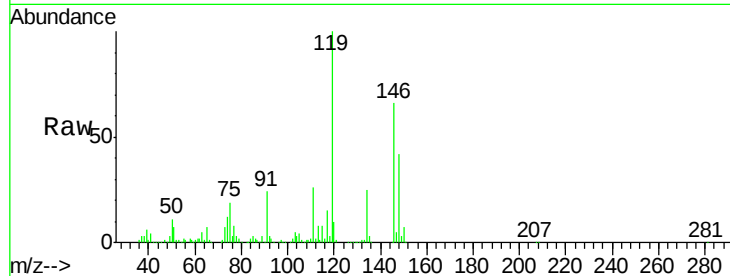
#87
 1,3-Dichlorobenzene
 Concen: 19.25 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	281066		
111	38.7	19.0	57.0	
148	63.1	32.5	97.5	

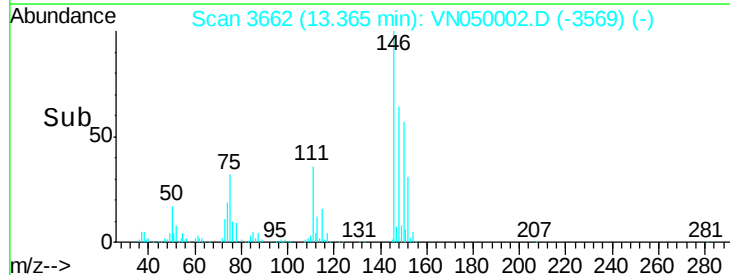
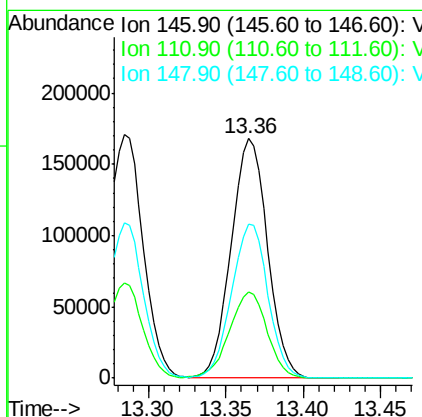
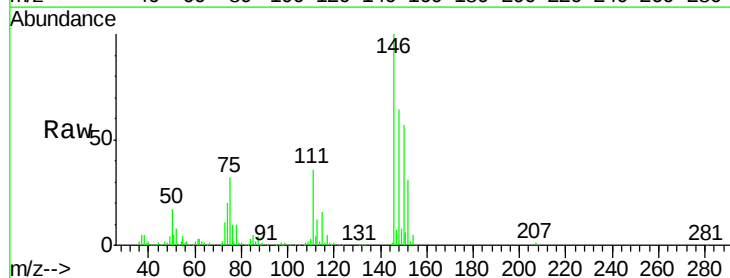
Manual Integrations
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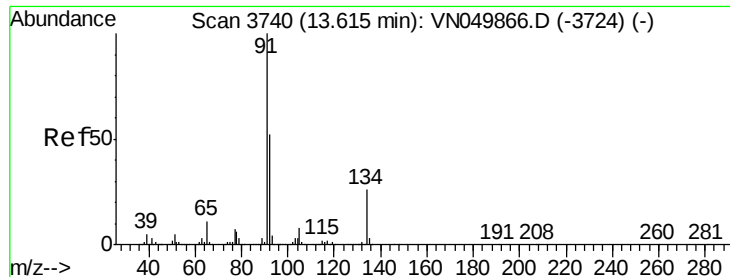
Sam
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#88
 1,4-Dichlorobenzene
 Concen: 18.76 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	274591		
111	37.3	18.9	56.5	
148	64.3	32.1	96.3	





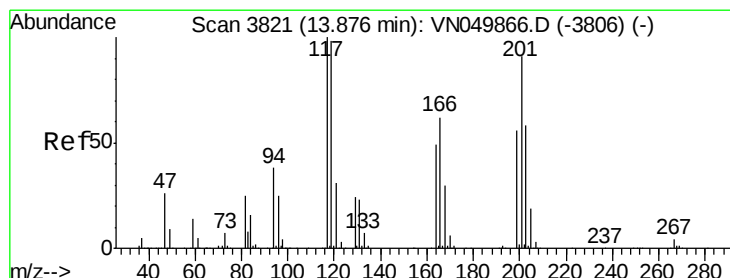
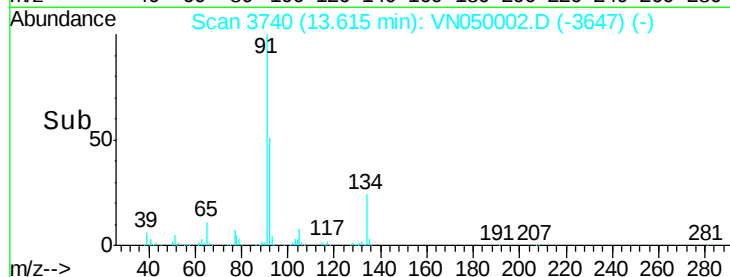
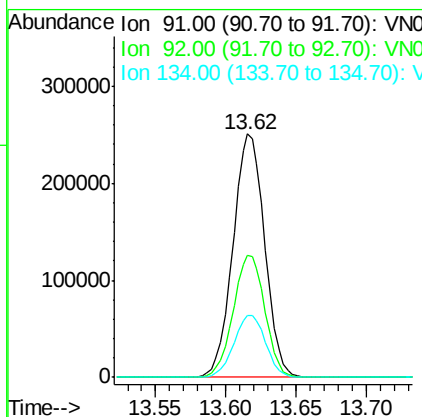
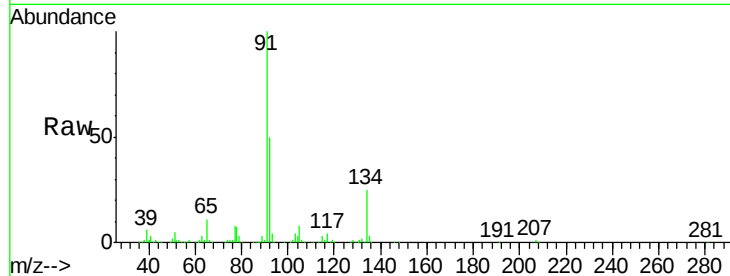
#89
n-Butylbenzene
Concen: 19.83 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.1	25.8	77.3
134	25.5	13.0	38.9

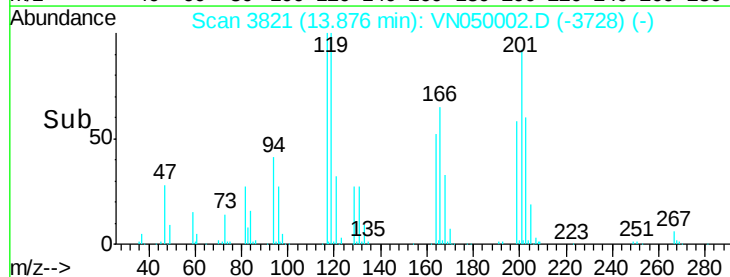
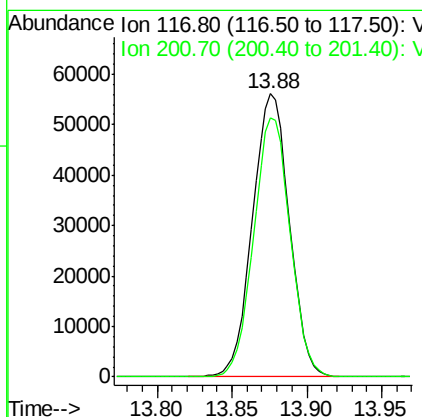
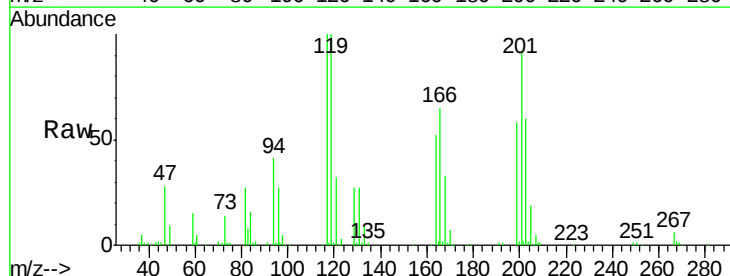
Manual Integrations
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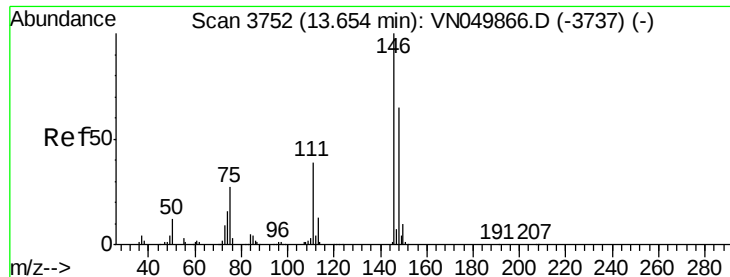
sam
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#90
Hexachloroethane
Concen: 17.79 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.7	45.3	135.8





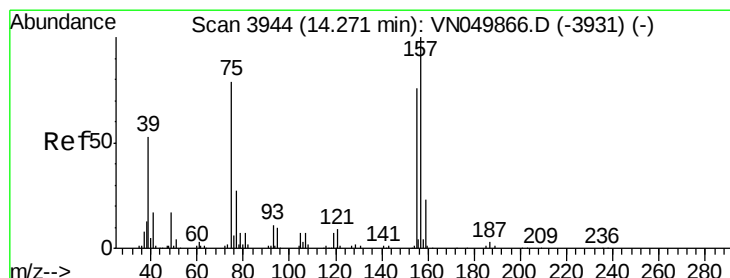
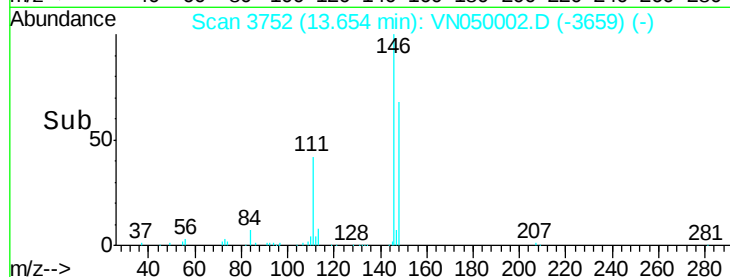
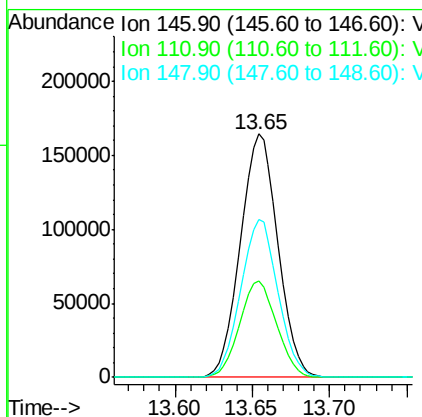
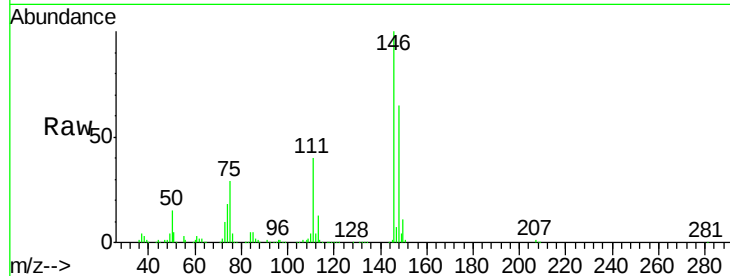
#91
 1,2-Dichlorobenzene
 Concen: 19.31 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.7	59.1
148	64.4	32.0	96.2

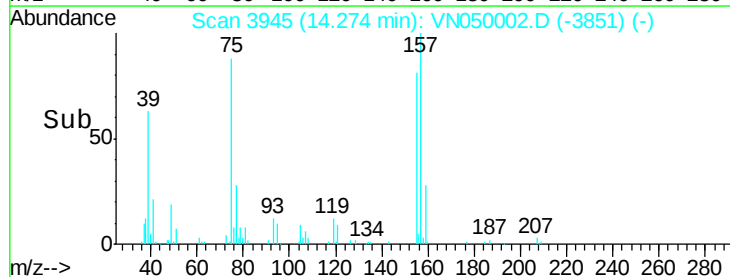
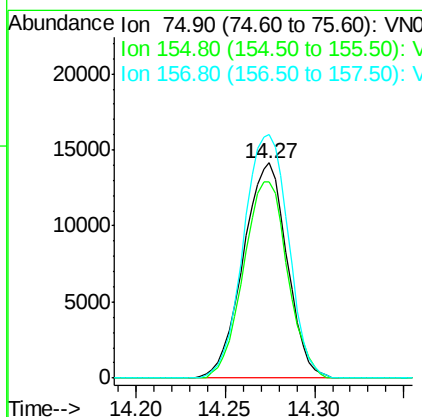
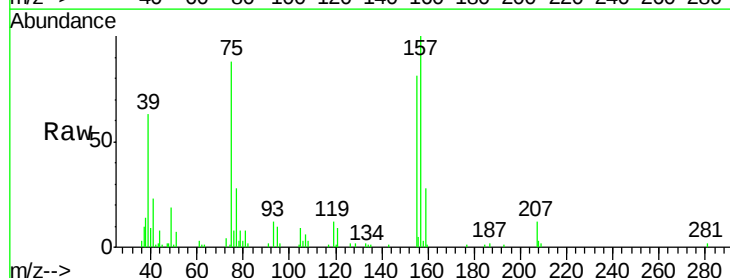
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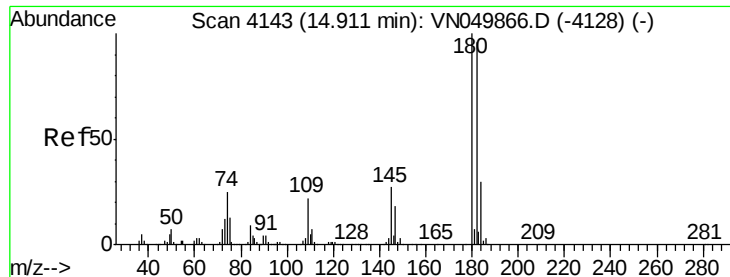
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.28 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.7	45.7	137.1
157	115.6	56.9	170.7





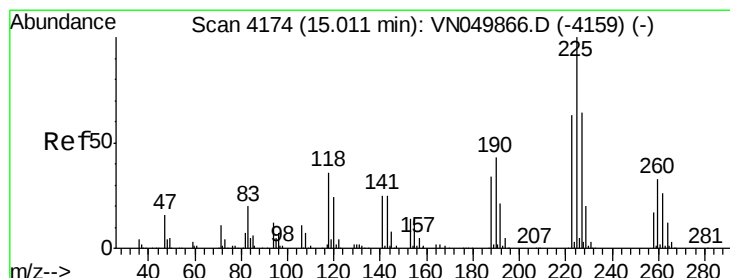
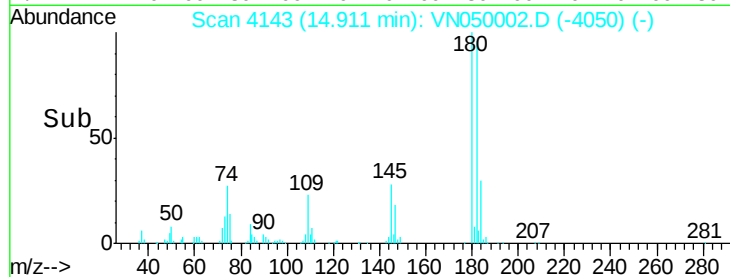
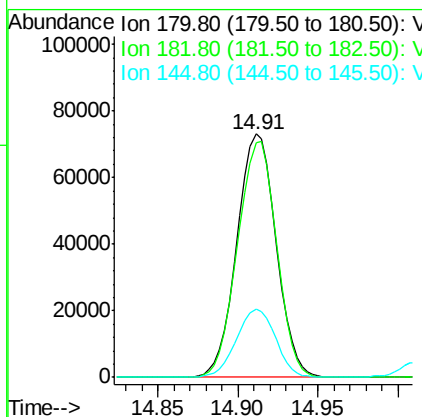
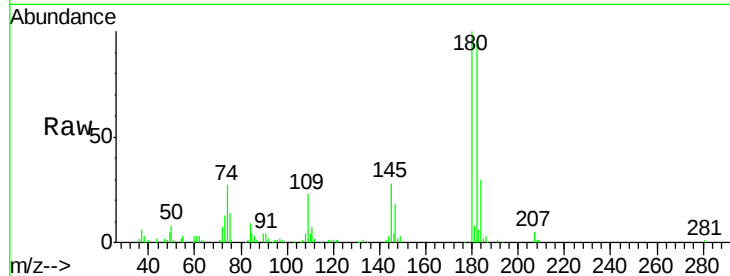
#93
 1,2,4-Trichlorobenzene
 Concen: 17.82 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	122027		
182	96.4	47.3	141.9	
145	27.9	14.4	43.0	

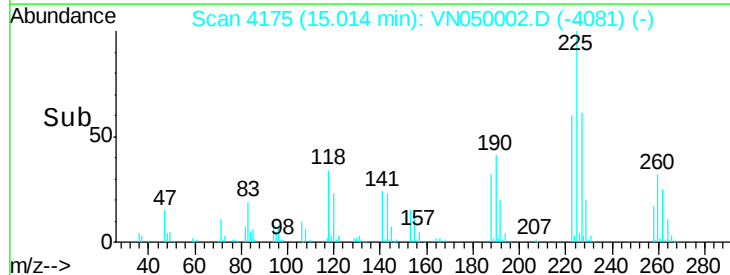
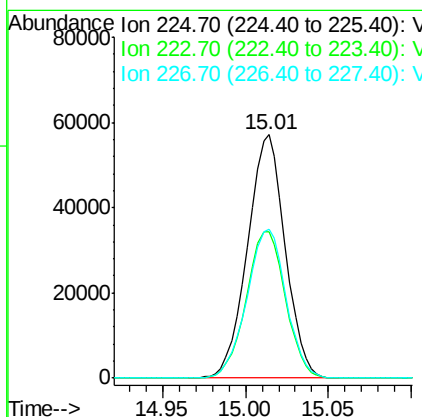
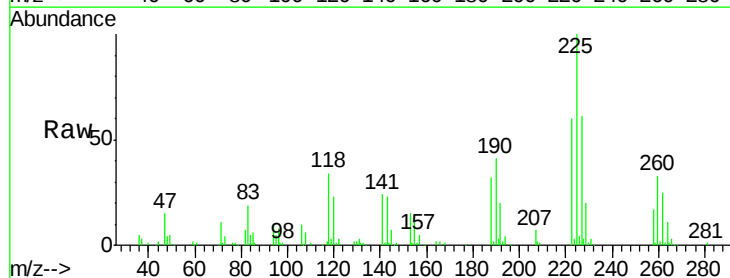
Manual Integrations
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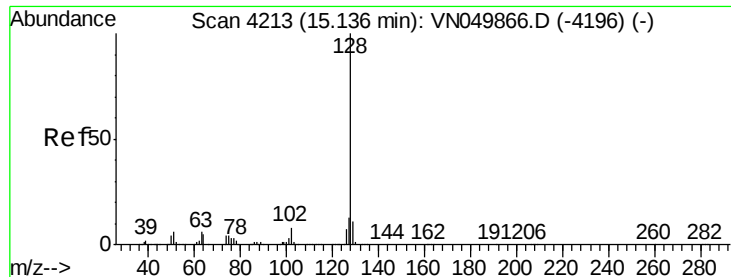
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#94
 Hexachlorobutadiene
 Concen: 19.13 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89990		
223	62.7	30.9	92.7	
227	63.6	31.8	95.4	





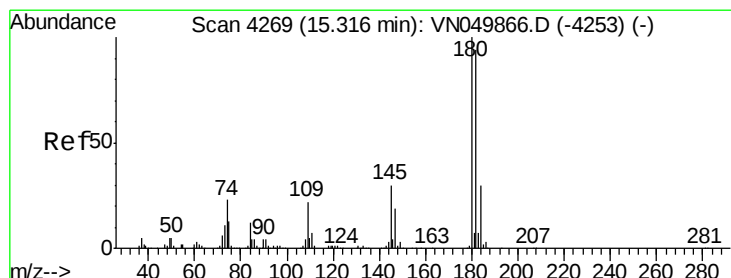
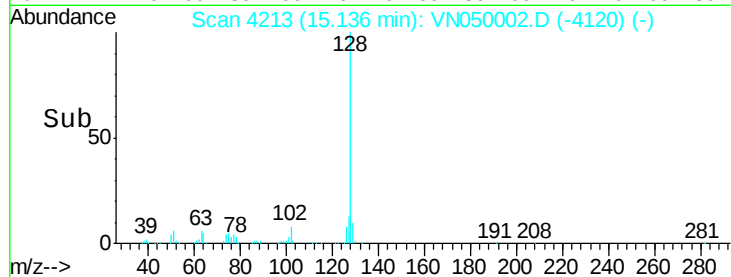
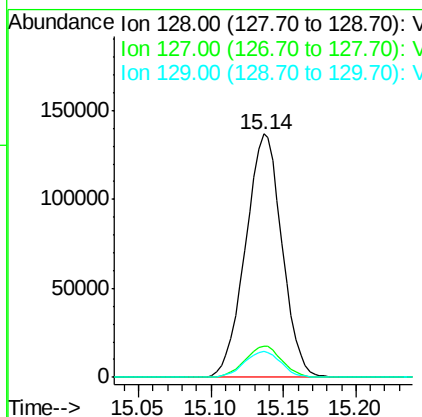
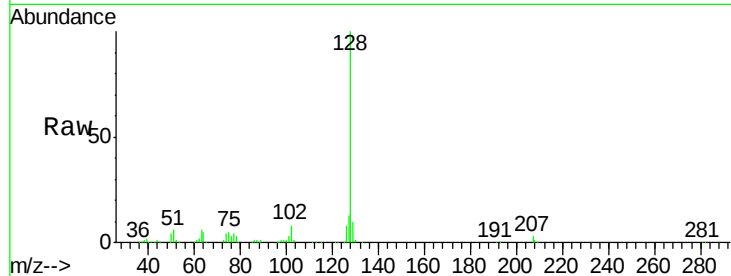
#95
Naphthalene
Concen: 16.02 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	239562		
127	12.9	10.4	15.6	
129	10.8	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.77 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	129272		
182	93.8	47.4	142.2	
145	29.3	15.2	45.6	

