

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049695.D
 Acq On : 3 Jul 2018 15:55
 Operator : MD\SY
 Sample : VN0703WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Manual Integrations
 APPROVED

sam
 7/5/2018 2:26:54 PM

Quant Time: Jul 04 00:06:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1305313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1987345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1764073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	955621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	864988	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	7.59	113	731208	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.09	98	2769103	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.40	95	966877	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	304293	20.686	ug/l	98
3) Chloromethane	2.06	50	327591	17.830	ug/l	99
4) Vinyl Chloride	2.18	62	429260	21.753	ug/l	99
5) Bromomethane	2.56	94	92016	8.877	ug/l	96
6) Chloroethane	2.70	64	267666	21.431	ug/l	100
7) Trichlorofluoromethane	3.01	101	488578	21.676	ug/l	98
8) Diethyl Ether	3.41	74	209867	22.971	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	346350	21.357	ug/l	99
10) Methyl Iodide	3.94	142	121578	5.990	ug/l	99
11) Tert butyl alcohol	4.82	59	148456	150.081	ug/l #	84
12) 1,1-Dichloroethene	3.73	96	328433	21.422	ug/l	99
13) Acrolein	3.60	56	56999	61.689	ug/l	98
14) Allyl chloride	4.32	41	419970	19.942	ug/l	98
15) Acrylonitrile	5.00	53	654559	128.121	ug/l	99
16) Acetone	3.82	43	547169	155.023	ug/l	99
17) Carbon Disulfide	4.04	76	1043408	24.544	ug/l	99
18) Methyl Acetate	4.33	43	364858	20.698	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	939954	23.783	ug/l	99
20) Methylene Chloride	4.55	84	399720	22.519	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	343445	21.767	ug/l	97
22) Diisopropyl ether	5.96	45	1092206	22.923	ug/l	100
23) Vinyl Acetate	5.90	43	3669872	118.777	ug/l	100
24) 1,1-Dichloroethane	5.85	63	660104	21.992	ug/l	99
25) 2-Butanone	6.84	43	789678	137.993	ug/l	98
26) 2,2-Dichloropropane	6.82	77	524419	21.036	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	395046	22.413	ug/l	98
28) Bromochloromethane	7.19	49	243312	19.099	ug/l	97
29) Tetrahydrofuran	7.22	42	501376	137.462	ug/l	99
30) Chloroform	7.37	83	664276	21.710	ug/l	97
31) Cyclohexane	7.65	56	568332	21.668	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	574905	22.193	ug/l	99
36) 1,1-Dichloropropene	7.79	75	489721	21.903	ug/l	100
37) Ethyl Acetate	6.93	43	339038	25.997	ug/l	98
38) Carbon Tetrachloride	7.78	117	466760	21.460	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	519455	21.190	ug/l	97
40) Benzene	8.04	78	1501955	22.000	ug/l	100
41) Methacrylonitrile	7.18	41	165886	22.566	ug/l	93
42) 1,2-Dichloroethane	8.13	62	483611	22.196	ug/l	100
43) Isopropyl Acetate	8.17	43	676328	25.839	ug/l #	91
44) Trichloroethene	8.84	130	440992	21.418	ug/l	100
45) 1,2-Dichloropropane	9.12	63	393744	22.323	ug/l	99
46) Dibromomethane	9.21	93	241602	22.641	ug/l	99
47) Bromodichloromethane	9.41	83	494909	21.787	ug/l	98
48) Methyl methacrylate	9.20	41	298033	25.718	ug/l	98
49) 1,4-Dioxane	9.20	88	83494	535.910	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1745447	136.511	ug/l	100
52) Toluene	10.16	92	922552	22.367	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	430411	19.788	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	515729	20.287	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	352456	22.950	ug/l	99
56) Ethyl methacrylate	10.43	69	457767	25.429	ug/l	98
57) 1,3-Dichloropropane	10.71	76	581284	23.342	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	834581	95.925	ug/l	100
59) 2-Hexanone	10.76	43	1190373	140.791	ug/l	99
60) Dibromochloromethane	10.90	129	375350	22.613	ug/l	99
61) 1,2-Dibromoethane	11.01	107	341621	23.216	ug/l	99
64) Tetrachloroethene	10.63	164	501883	21.012	ug/l	99
65) Chlorobenzene	11.44	112	985784	21.421	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	350765	21.213	ug/l	99
67) Ethyl Benzene	11.52	91	1650305	21.694	ug/l	99
68) m/p-Xylenes	11.63	106	1331837	45.684	ug/l	98
69) o-Xylene	11.95	106	641518	22.984	ug/l	98
70) Styrene	11.97	104	1015150	22.478	ug/l	99
71) Bromoform	12.13	173	245377	22.333	ug/l #	99
73) Isopropylbenzene	12.25	105	1671421	21.958	ug/l	100
74) N-amyl acetate	12.07	43	522442	25.127	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	440911	27.256	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	400177m	26.111	ug/l	
77) Bromobenzene	12.53	156	428376	20.696	ug/l	100
78) n-propylbenzene	12.59	91	1936416	22.197	ug/l	100
79) 2-Chlorotoluene	12.68	91	1197018	21.680	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1462246	23.117	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	44068	9.766	ug/l	97
82) 4-Chlorotoluene	12.78	91	1192376	21.479	ug/l	100
83) tert-Butylbenzene	12.99	119	1210515	22.278	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1539287	23.683	ug/l	100
85) sec-Butylbenzene	13.17	105	1624444	22.564	ug/l	100
86) p-Isopropyltoluene	13.29	119	1439743	23.089	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	772336	21.716	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	749888	21.529	ug/l	100
89) n-Butylbenzene	13.62	91	1112286	20.835	ug/l	100
90) Hexachloroethane	13.88	117	132433	20.219	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	778060	22.500	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	68183	25.170	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	313487	19.352	ug/l	99
94) Hexachlorobutadiene	15.01	225	223302	20.692	ug/l	98
95) Naphthalene	15.14	128	707168	20.789	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	333935	20.962	ug/l	100

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

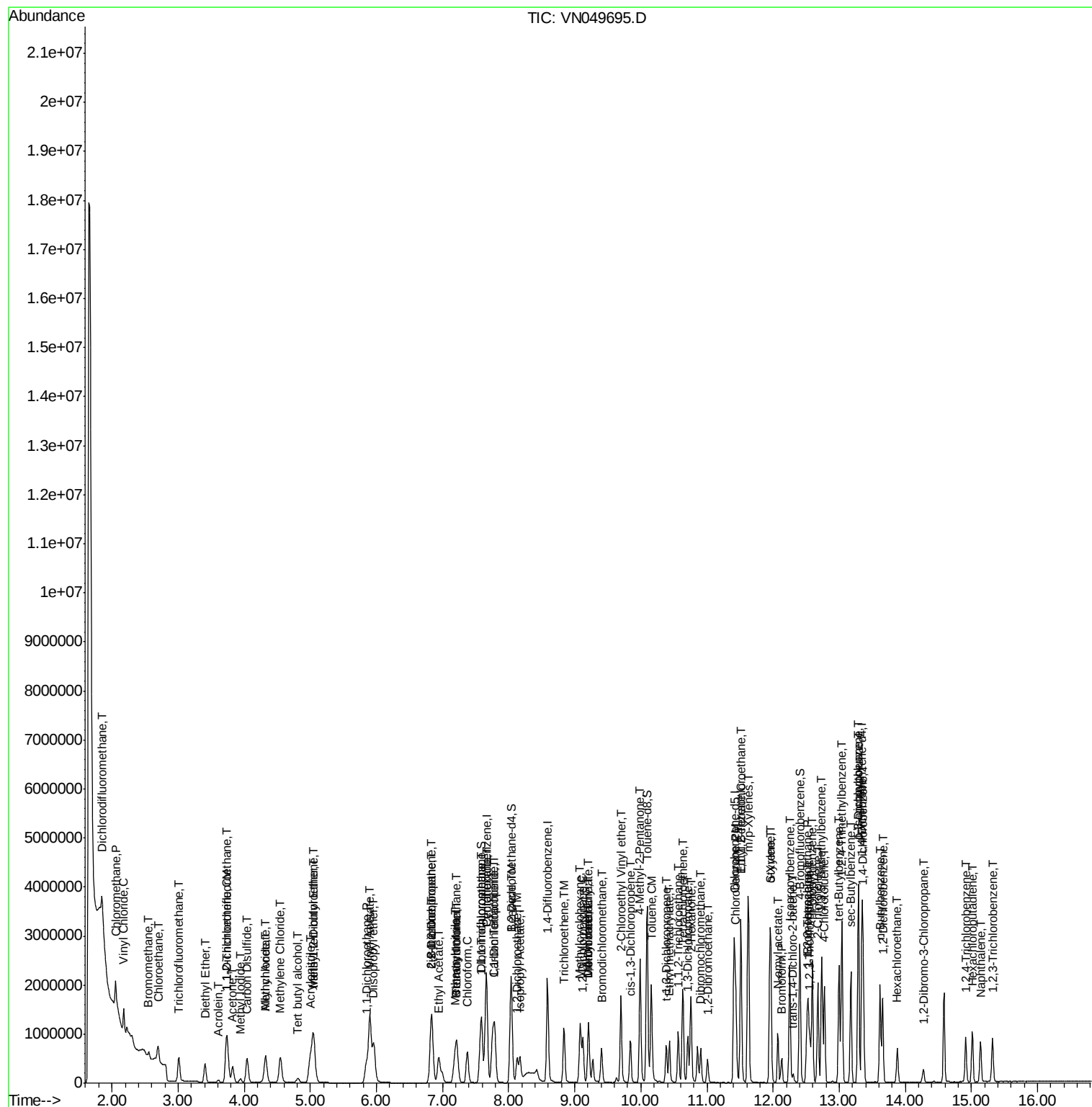
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
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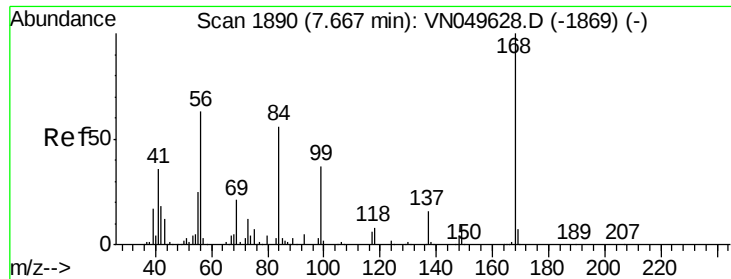
Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01

Tot Ion:168 Resp: 1305313

Ion Ratio Lower Upper

168 100

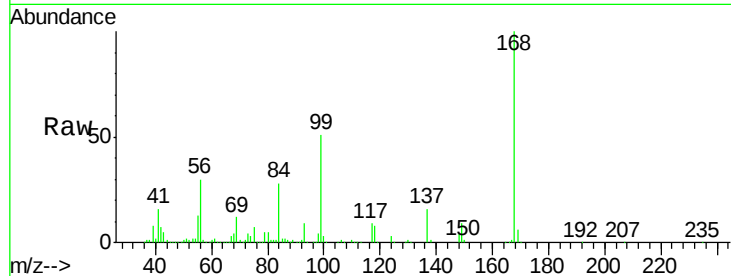
99 50.1 40.6 61.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

600000

500000

400000

300000

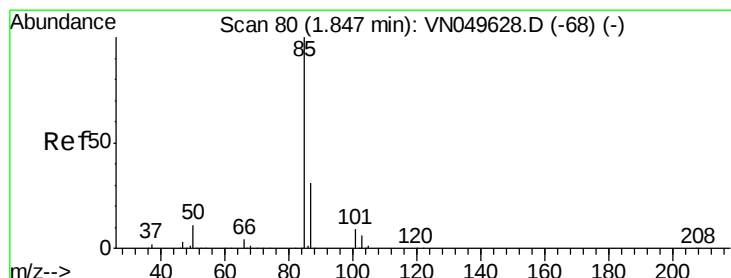
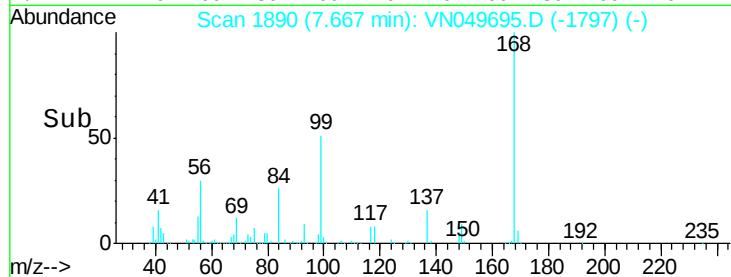
200000

100000

0

7.60 7.65 7.70 7.75 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.686 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049695.D

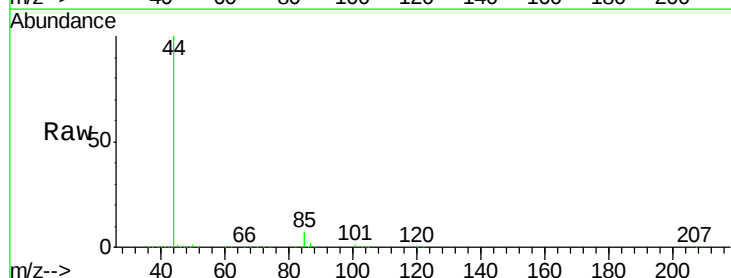
Acq: 3 Jul 2018 15:55

Tgt Ion: 85 Resp: 304293

Ion Ratio Lower Upper

85 100

87 31.8 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

250000

200000

150000

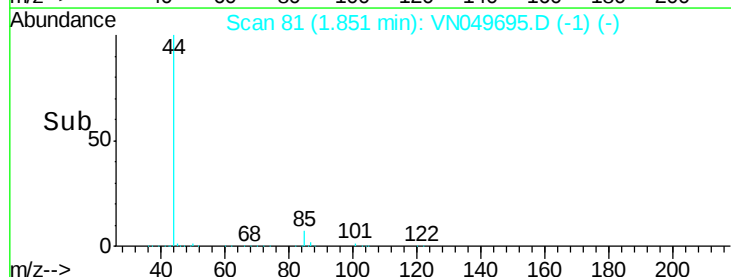
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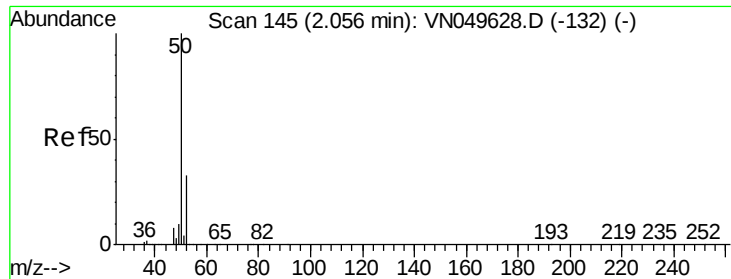
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.830 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01

Tot Ion: 50 Resp: 327591

Ion Ratio Lower Upper

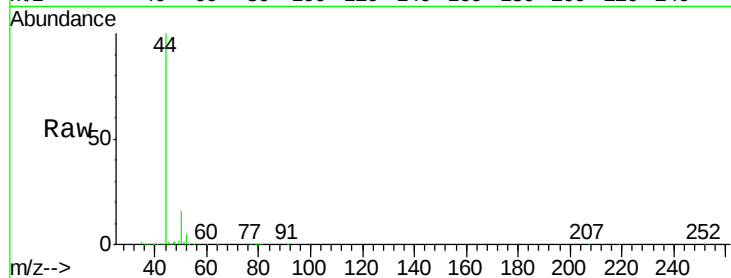
50 100

52 33.2 26.1 39.1

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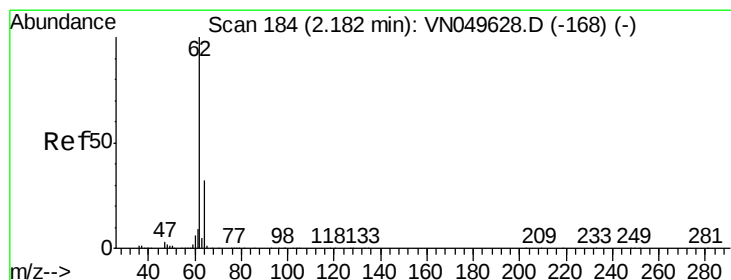
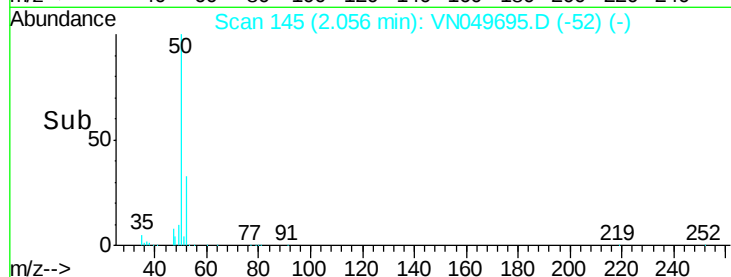
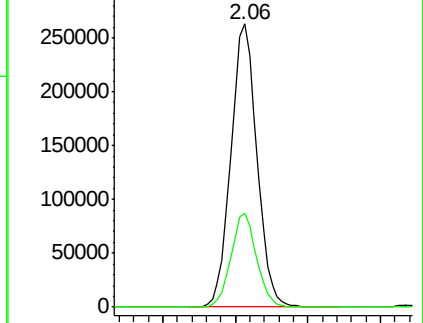
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 21.753 ug/l

RT: 2.18 min Scan# 183

Delta R.T. -0.00 min

Lab File: VN049695.D

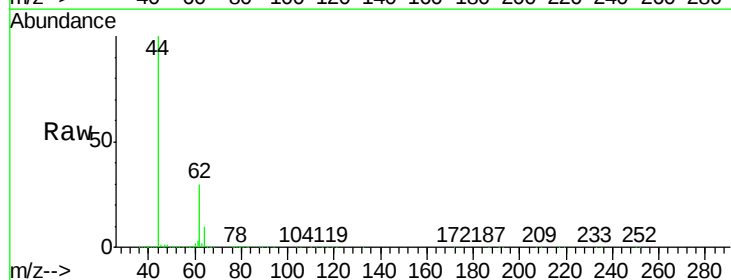
Acq: 3 Jul 2018 15:55

Tgt Ion: 62 Resp: 429260

Ion Ratio Lower Upper

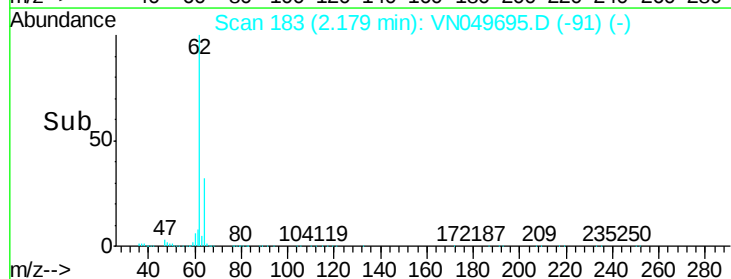
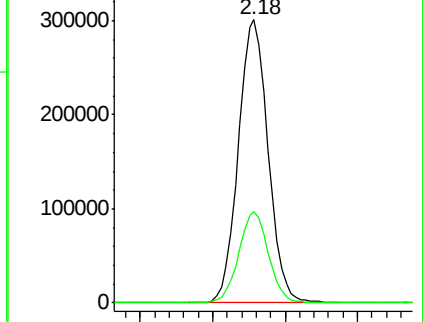
62 100

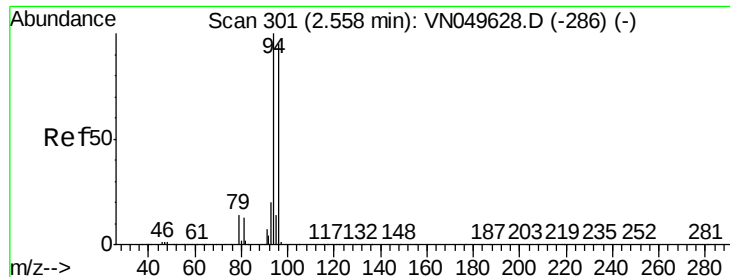
64 32.2 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 8.877 ug/l

RT: 2.56 min Scan# 301

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

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Tot Ion: 94 Resp: 92016

Ion Ratio Lower Upper

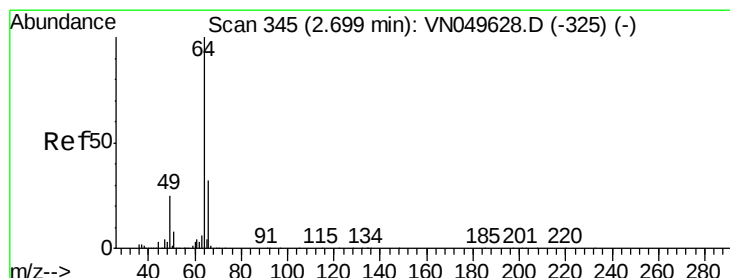
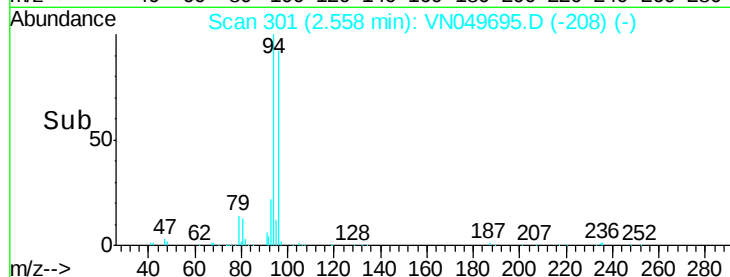
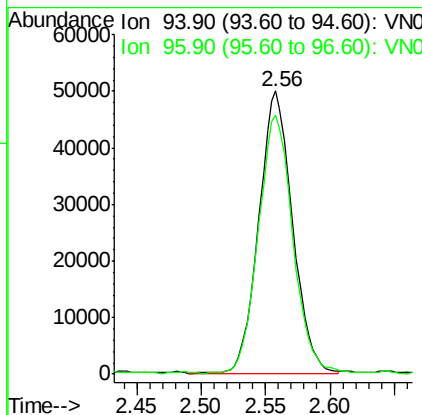
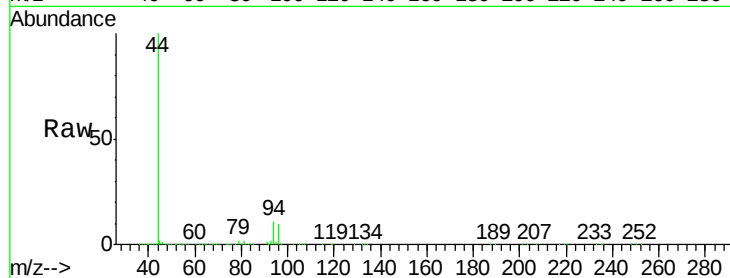
94 100

96 90.8 75.7 113.5

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#6

Chloroethane

Concen: 21.431 ug/l

RT: 2.70 min Scan# 344

Delta R.T. -0.00 min

Lab File: VN049695.D

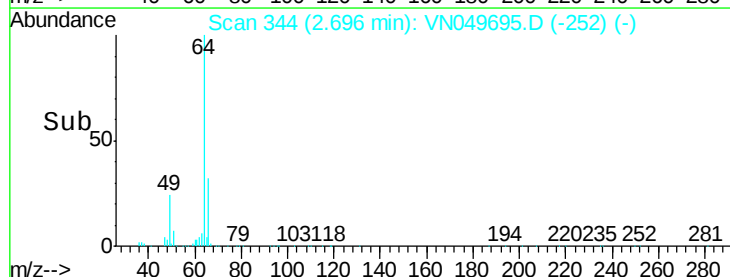
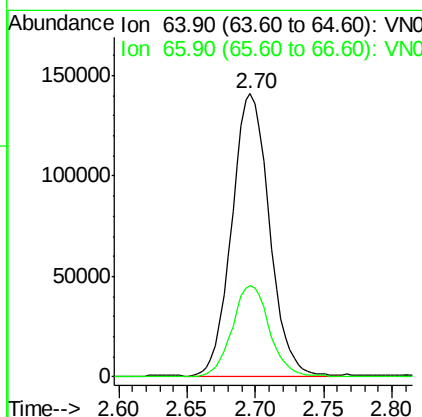
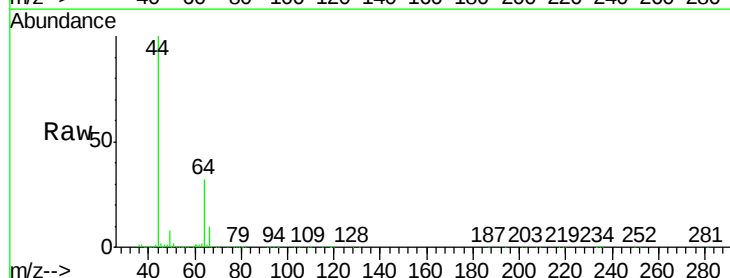
Acq: 3 Jul 2018 15:55

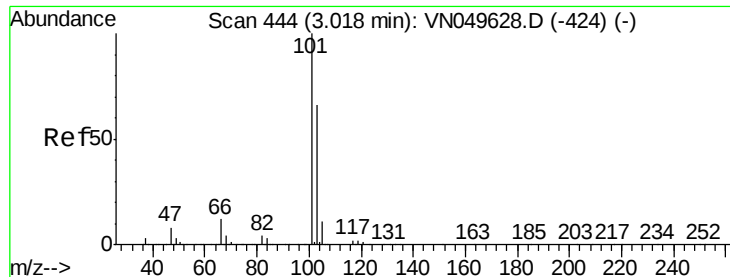
Tgt Ion: 64 Resp: 267666

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4





#7

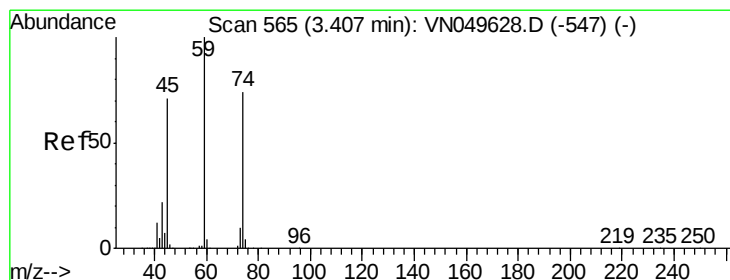
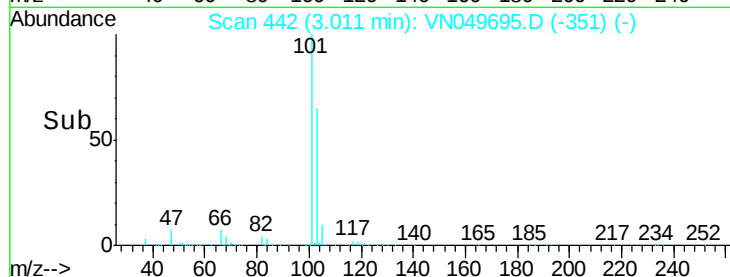
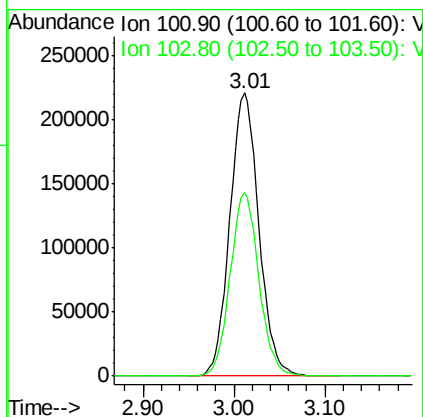
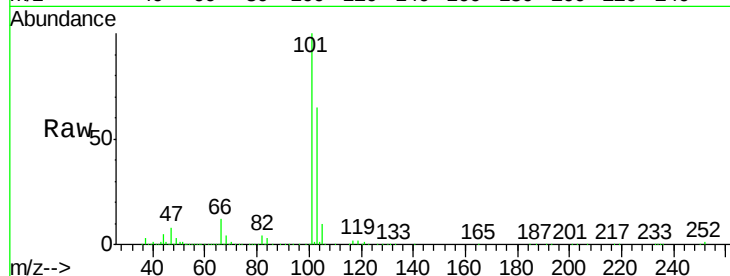
Trichlorofluoromethane
Concen: 21.676 ug/l
RT: 3.01 min Scan# 442
Delta R.T. -0.01 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.8	79.2

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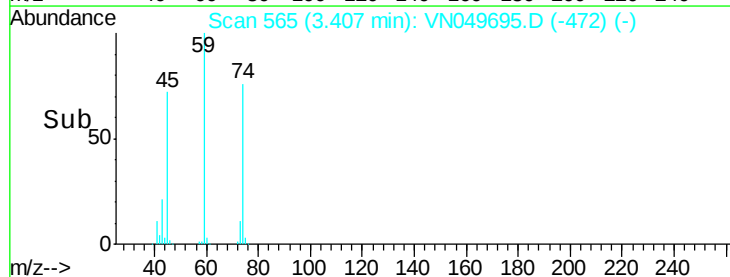
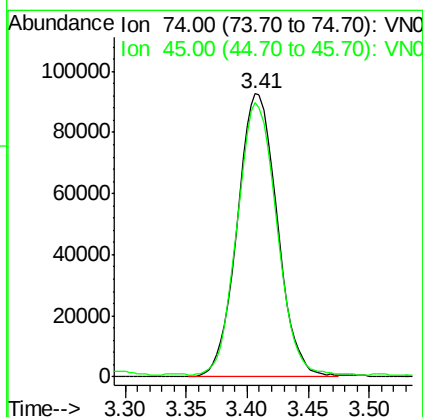
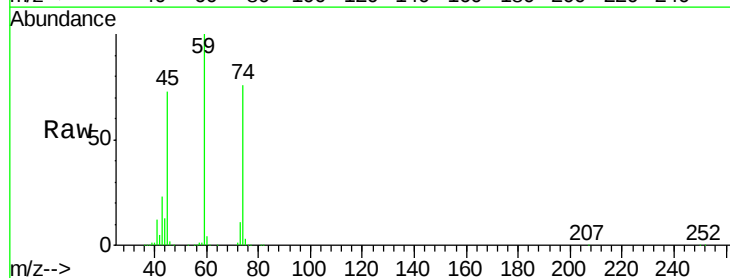
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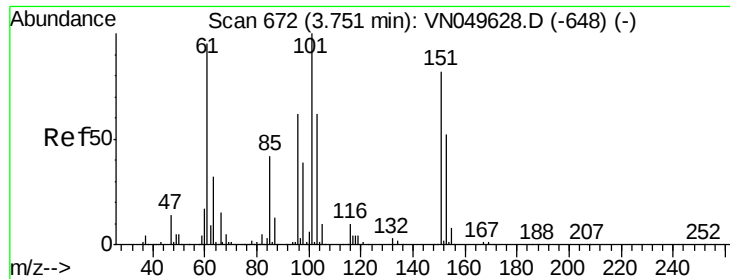


#8

Diethyl Ether
Concen: 22.971 ug/l
RT: 3.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.8	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.357 ug/l

RT: 3.75 min Scan# 671

Delta R.T. -0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Instrument :

MSVOA_N

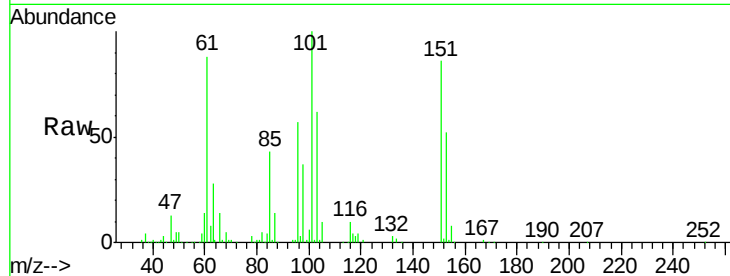
ClientSampleId :

VN0703WBSD01

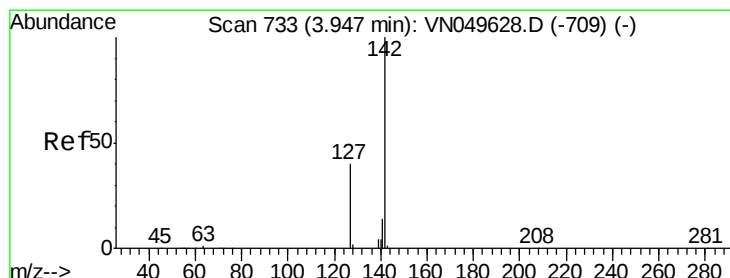
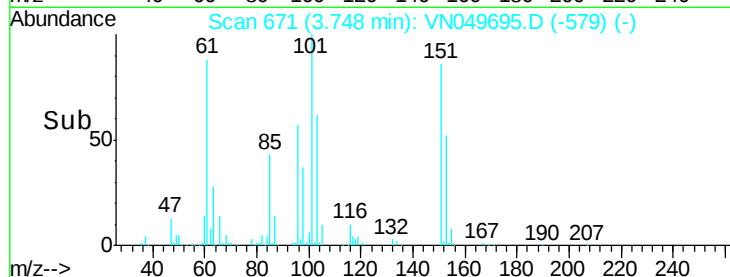
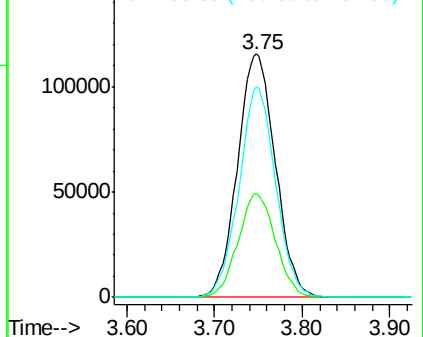
Tot Ion:	101	Resp:	346350
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.4	51.6
151	83.8	66.2	99.4

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.990 ug/l

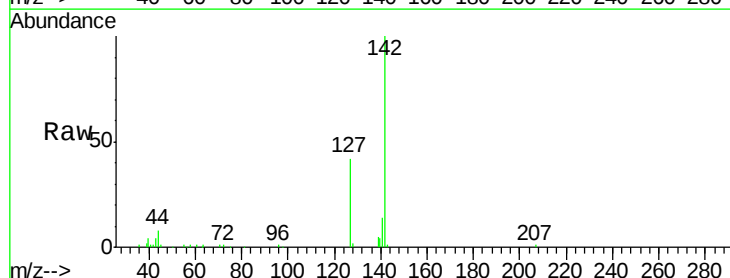
RT: 3.94 min Scan# 732

Delta R.T. -0.00 min

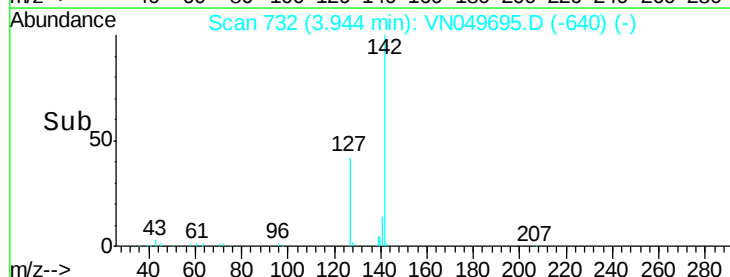
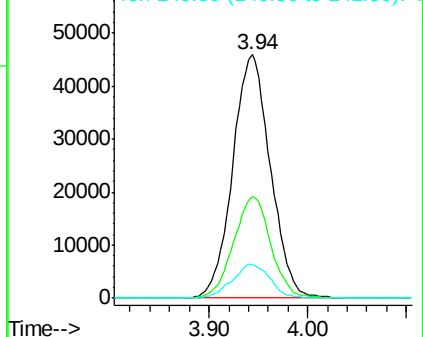
Lab File: VN049695.D

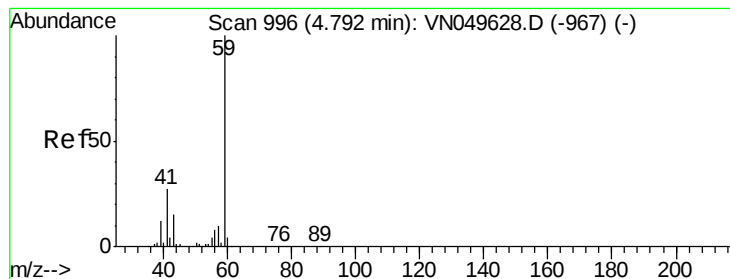
Acq: 3 Jul 2018 15:55

Tgt Ion:	142	Resp:	121578
Ion Ratio	Lower	Upper	
142	100		
127	41.3	32.5	48.7
141	13.8	11.1	16.7



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 150.081 ug/l

RT: 4.82 min Scan# 1003

Delta R.T. 0.02 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01

Tot Ion: 59 Resp: 148456

Ion Ratio Lower Upper

59 100

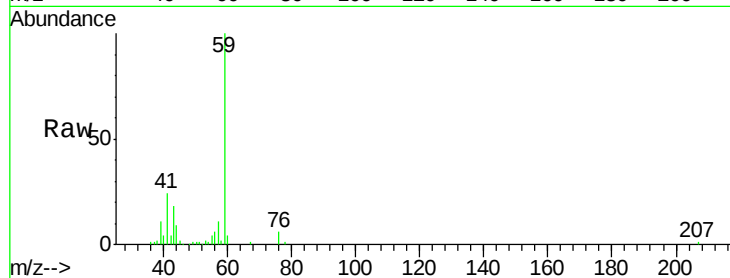
57 4.7 8.5 12.7#

Manual Integrations

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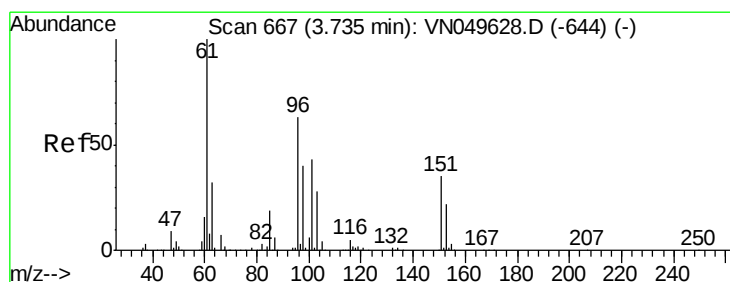
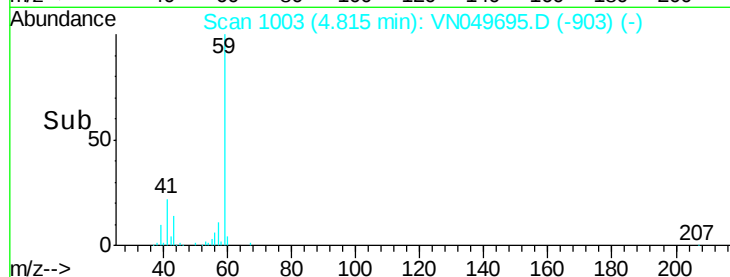
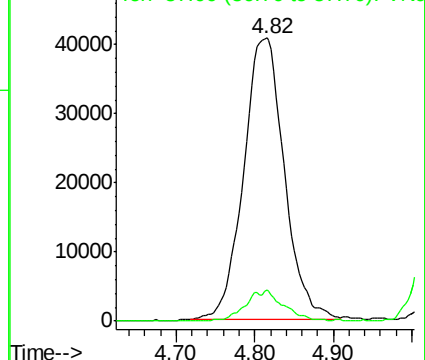
sam

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Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 21.422 ug/l

RT: 3.73 min Scan# 665

Delta R.T. -0.01 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

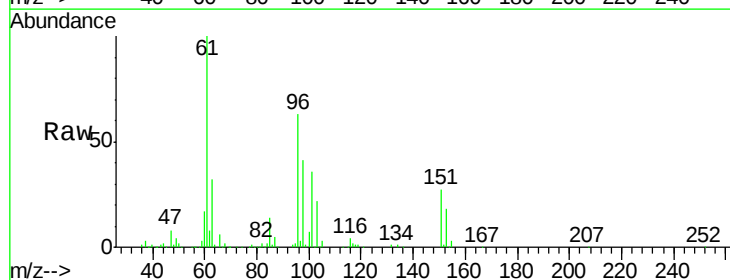
Tgt Ion: 96 Resp: 328433

Ion Ratio Lower Upper

96 100

61 157.6 126.5 189.7

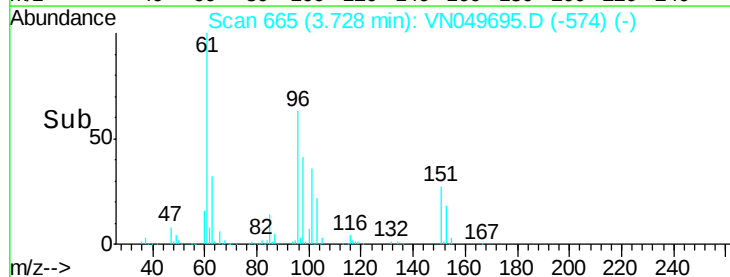
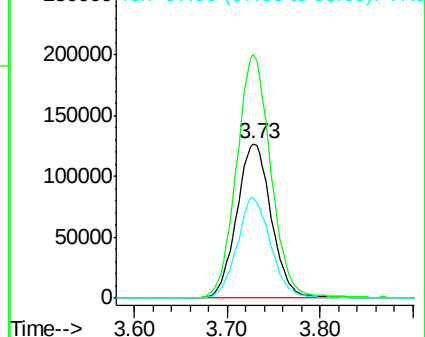
98 64.6 51.0 76.6

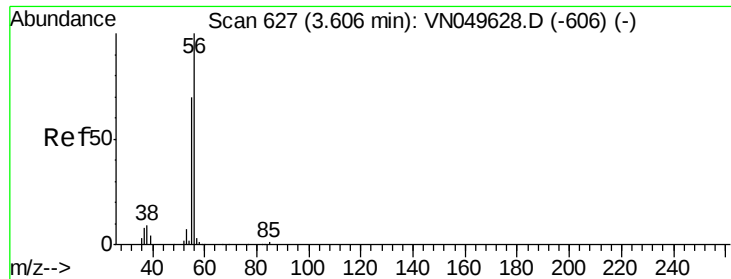


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 61.689 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampled :

VN0703WBSD01

Tot Ion: 56 Resp: 56999

Ion Ratio Lower Upper

56 100

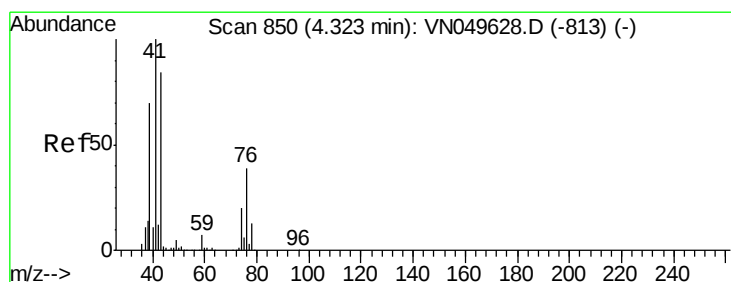
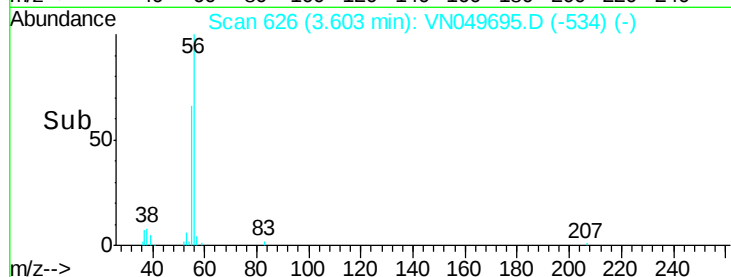
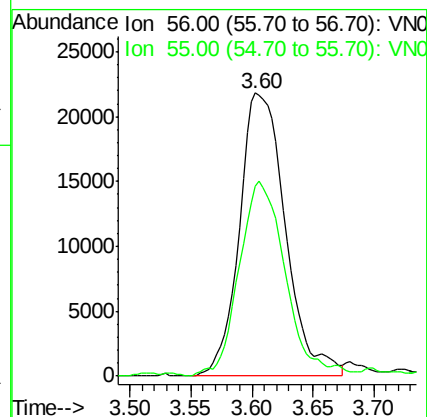
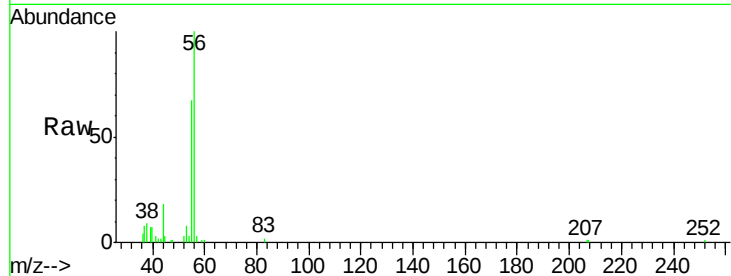
55 67.9 55.8 83.8

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#14

Allyl chloride

Concen: 19.942 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

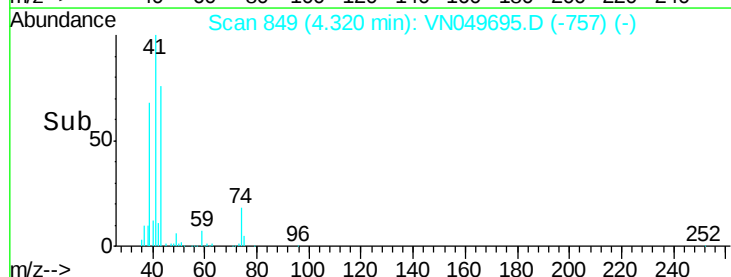
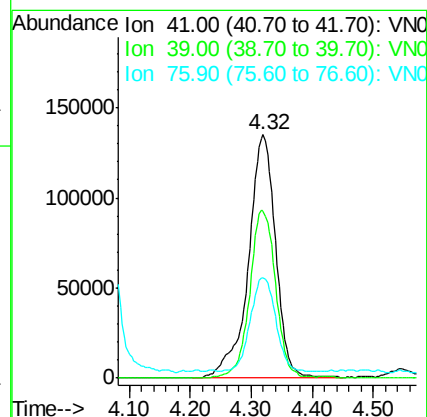
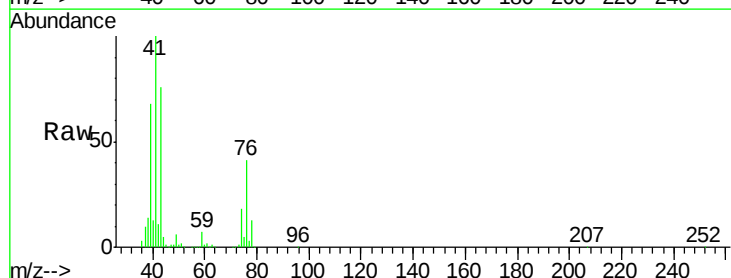
Tgt Ion: 41 Resp: 419970

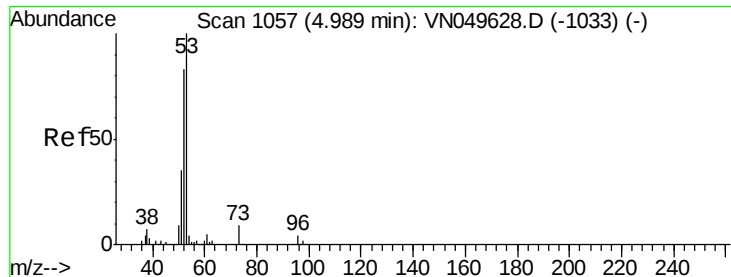
Ion Ratio Lower Upper

41 100

39 64.7 53.2 79.8

76 35.9 29.0 43.6





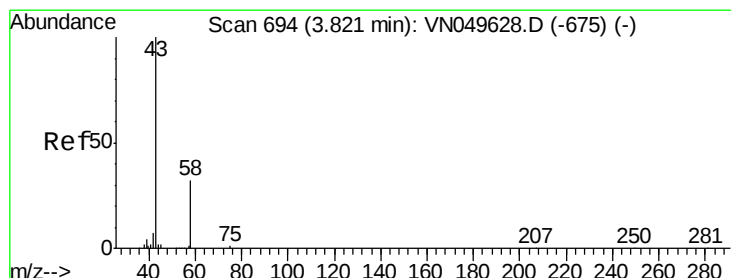
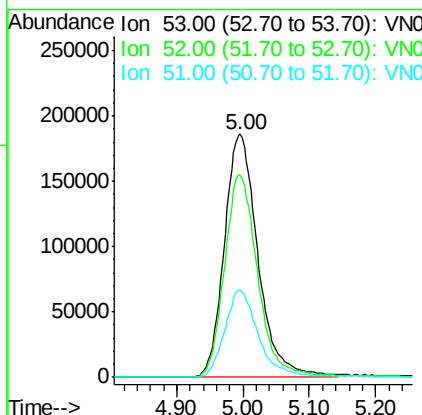
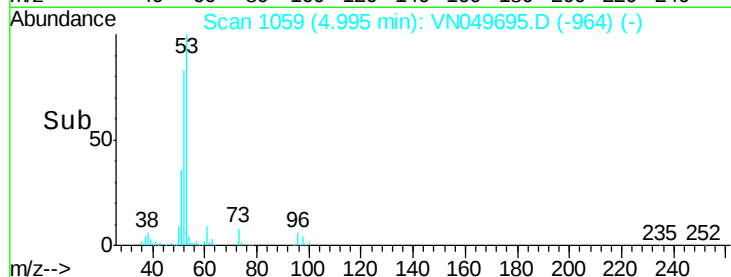
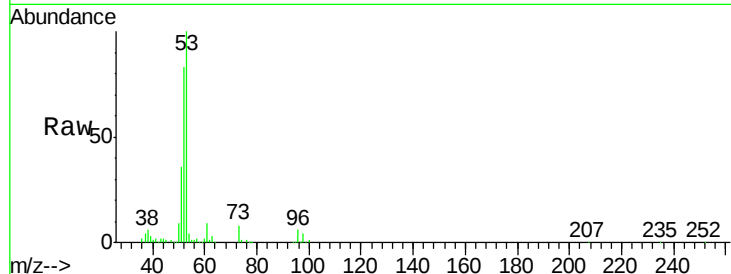
#15
 Acrylonitrile
 Concen: 128.121 ug/l
 RT: 5.00 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Tot Ion:	53	Resp:	654559
Ion Ratio	Lower	Upper	
53	100		
52	81.9	64.8	97.2
51	35.9	28.9	43.3

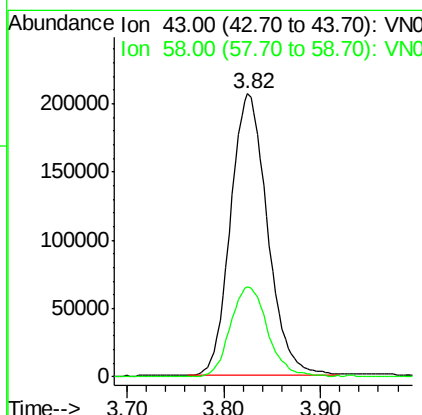
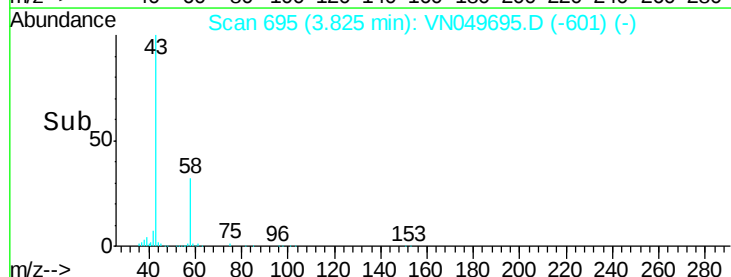
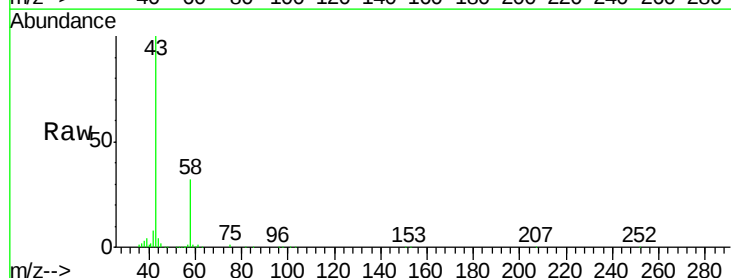
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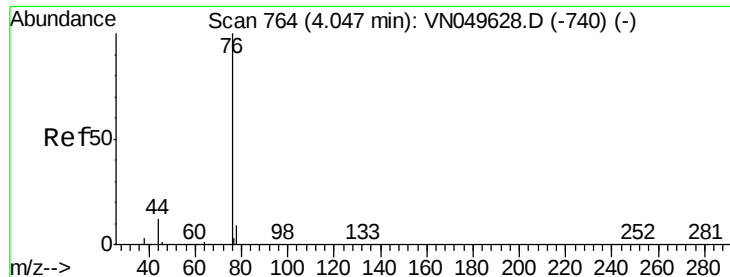
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#16
 Acetone
 Concen: 155.023 ug/l
 RT: 3.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Tgt Ion:	43	Resp:	547169
Ion Ratio	Lower	Upper	
43	100		
58	31.8	25.9	38.9





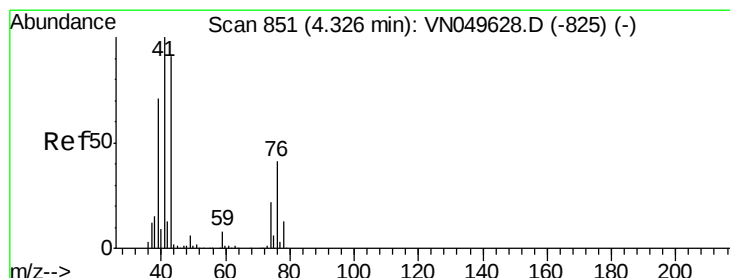
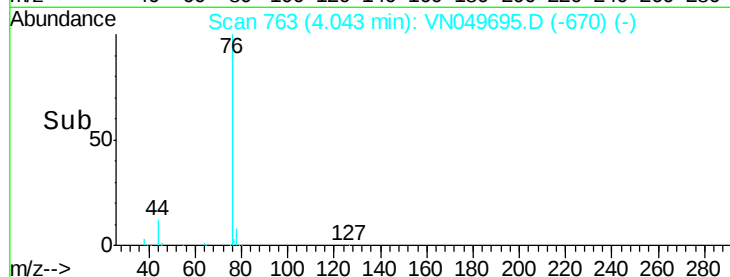
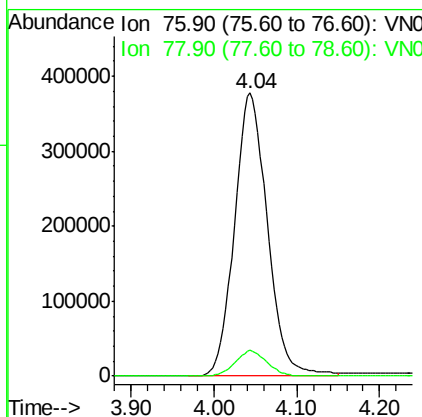
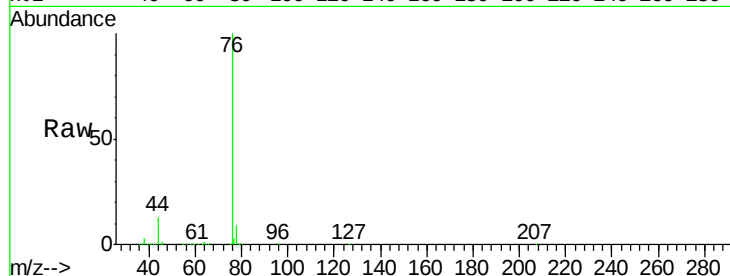
#17
Carbon Disulfide
Concen: 24.544 ug/l
RT: 4.04 min Scan# 763
Delta R.T. -0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Tot Ion: 76 Resp: 1043408
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

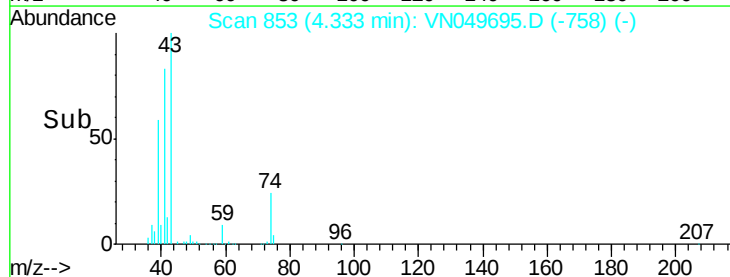
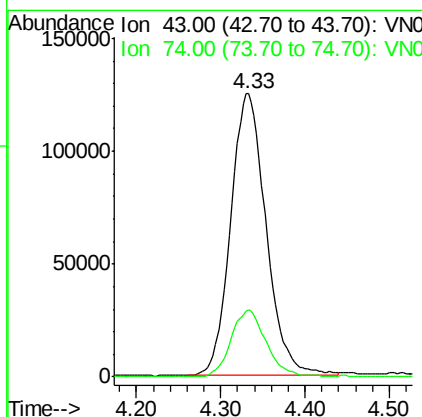
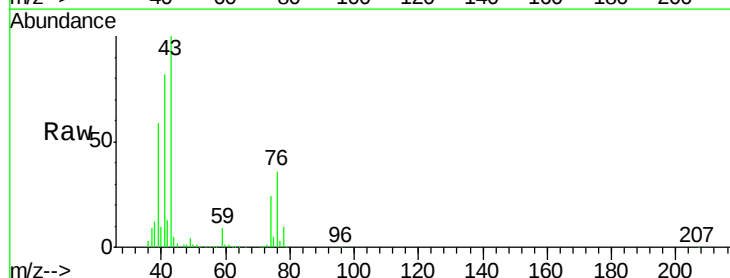
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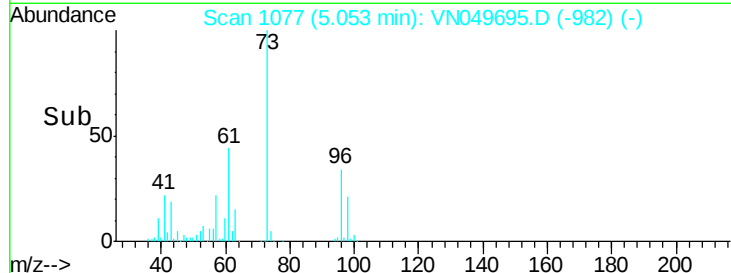
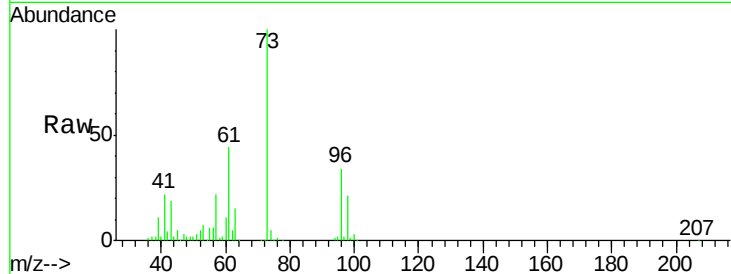
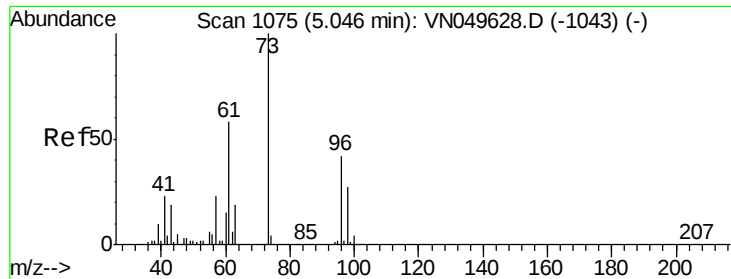
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#18
Methyl Acetate
Concen: 20.698 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion: 43 Resp: 364858
Ion Ratio Lower Upper
43 100
74 23.5 19.8 29.8





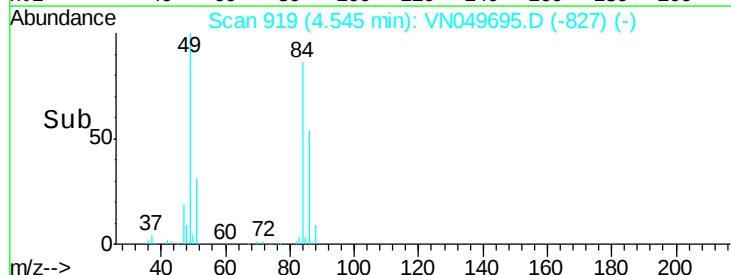
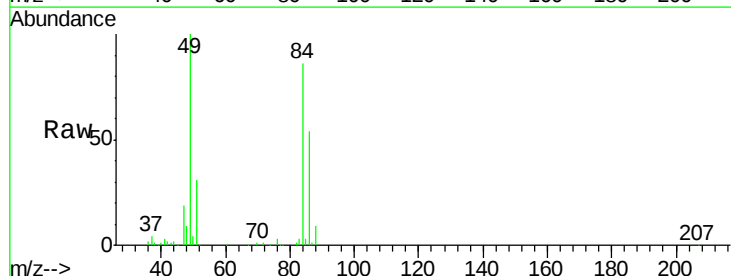
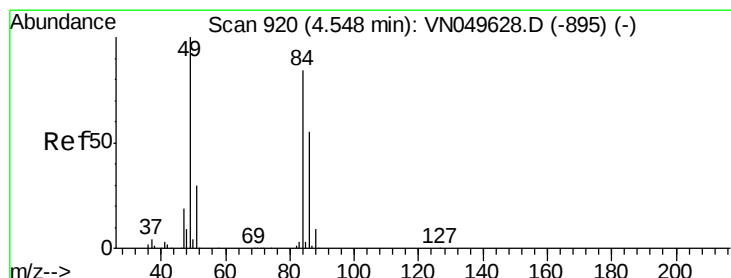
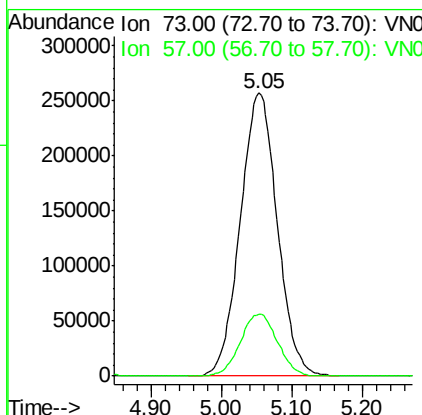
#19
Methyl tert-butyl Ether
Concen: 23.783 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.01 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tot Ion: 73 Resp: 939954
Ion Ratio Lower Upper
73 100
57 21.9 18.1 27.1

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

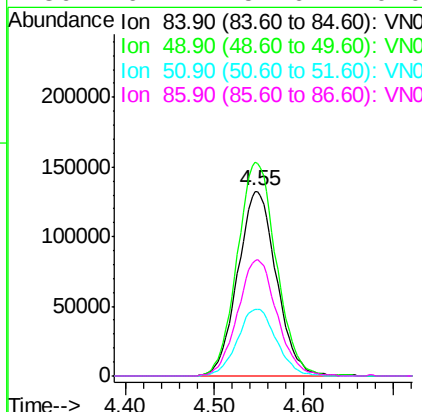
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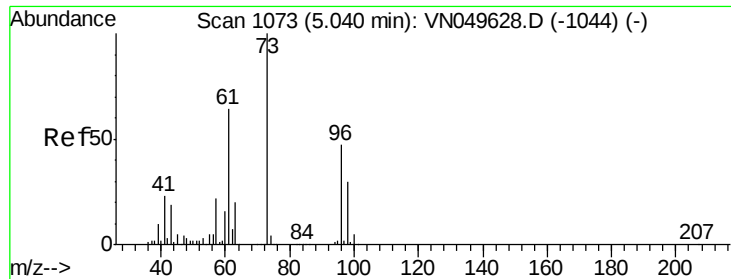
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#20
Methylene Chloride
Concen: 22.519 ug/l
RT: 4.55 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion: 84 Resp: 399720
Ion Ratio Lower Upper
84 100
49 115.6 95.4 143.2
51 35.8 28.4 42.6
86 62.7 52.6 79.0





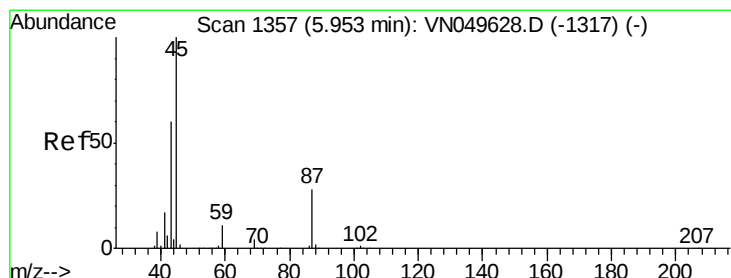
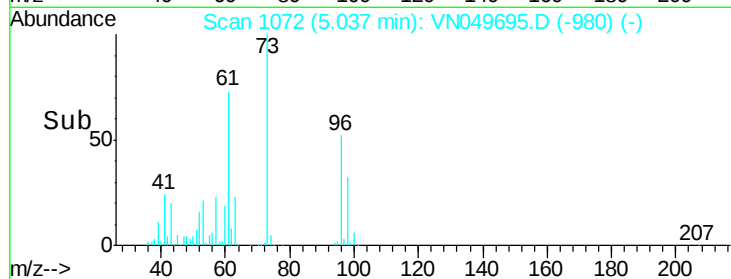
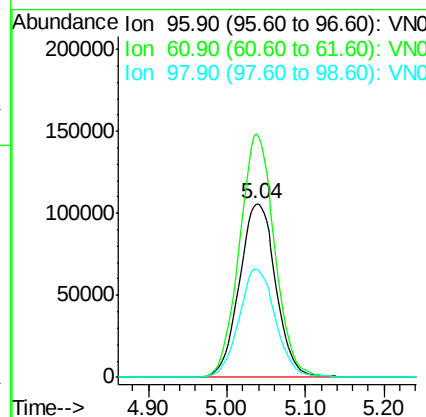
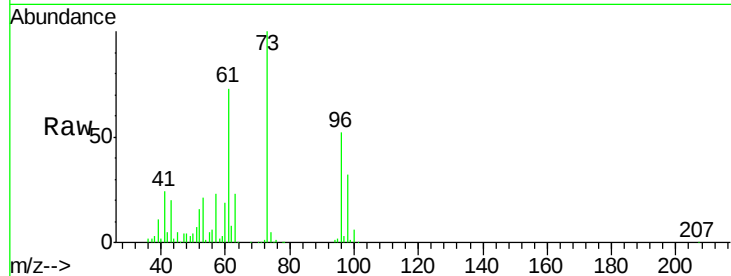
#21
trans-1,2-Dichloroethene
Concen: 21.767 ug/l
RT: 5.04 min Scan# 1072
Delta R.T. -0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Instrument :
MSVOA_N
ClientSampled :
VN0703WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.5	109.0	163.6
98	62.3	51.1	76.7

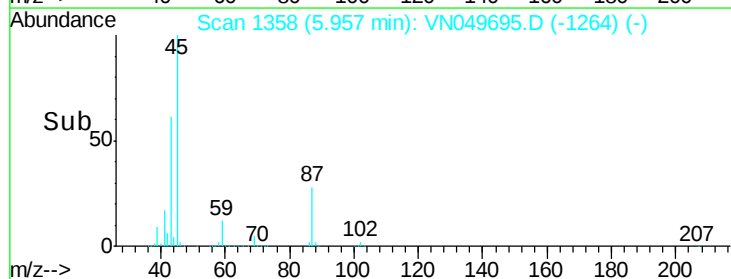
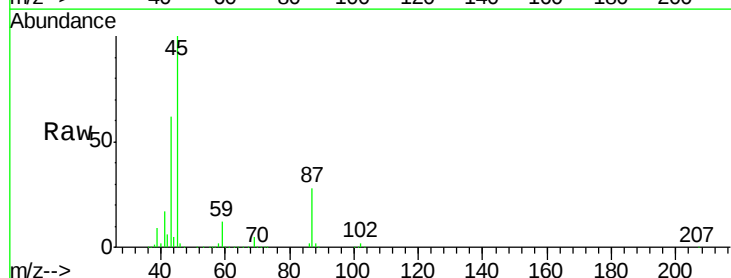
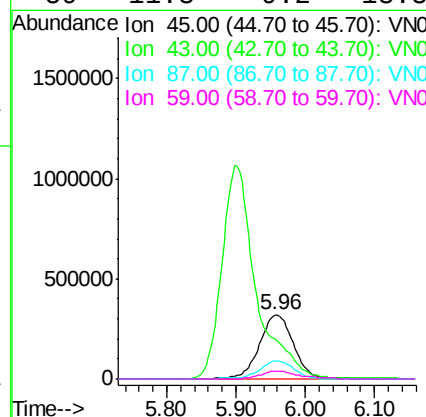
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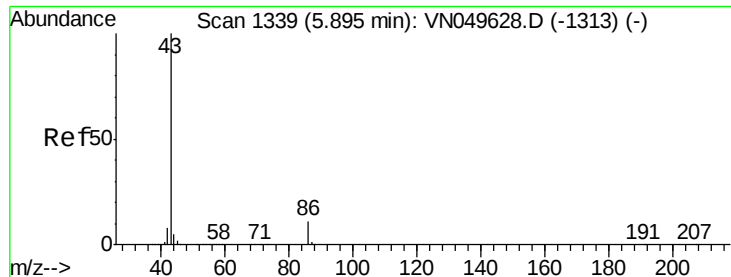
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#22
Diisopropyl ether
Concen: 22.923 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.4	48.1	72.1
87	28.1	22.6	34.0
59	11.3	9.2	13.8





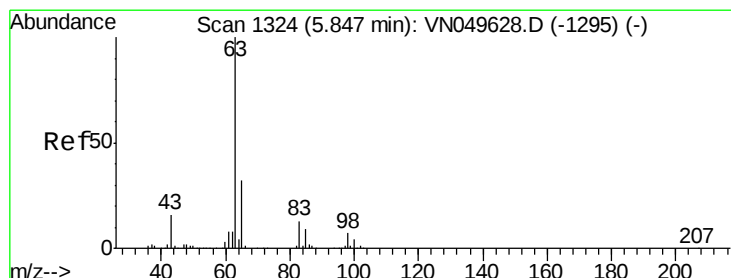
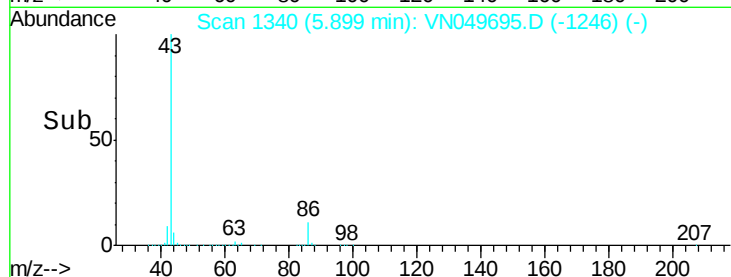
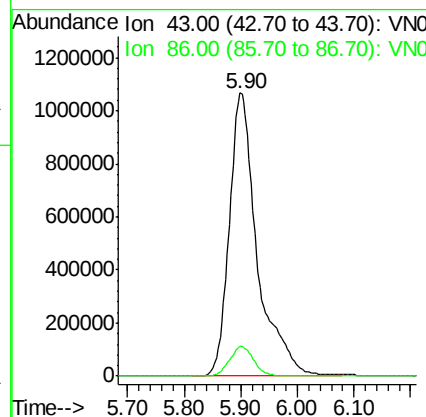
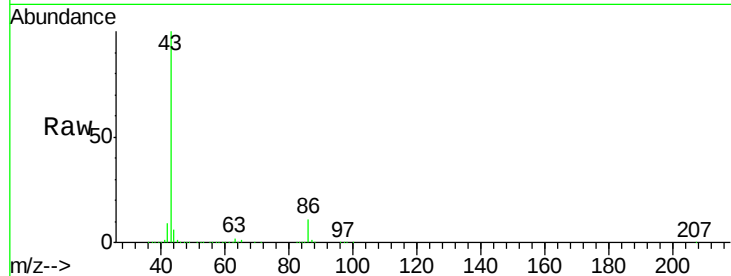
#23
 Vinyl Acetate
 Concen: 118.777 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Tot Ion: 43 Resp: 3669872
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6

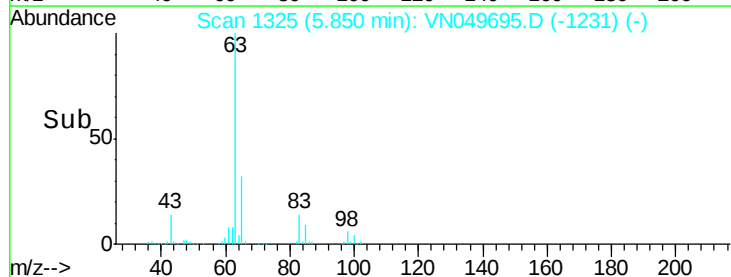
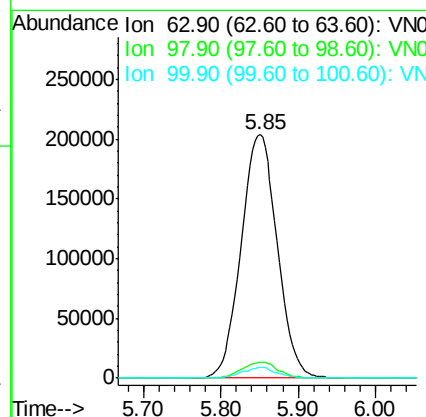
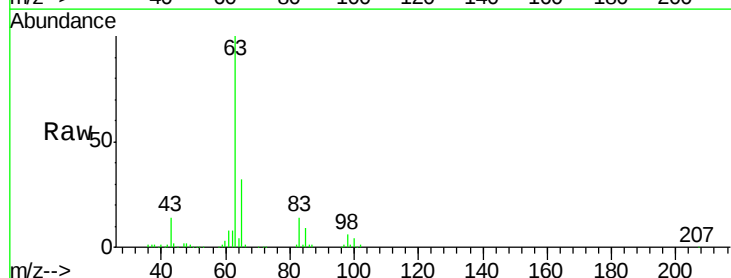
Manual Integrations
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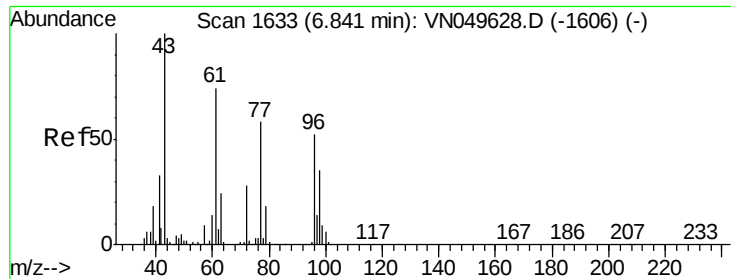
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#24
 1,1-Dichloroethane
 Concen: 21.992 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Tgt Ion: 63 Resp: 660104
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 4.3 2.2 6.6





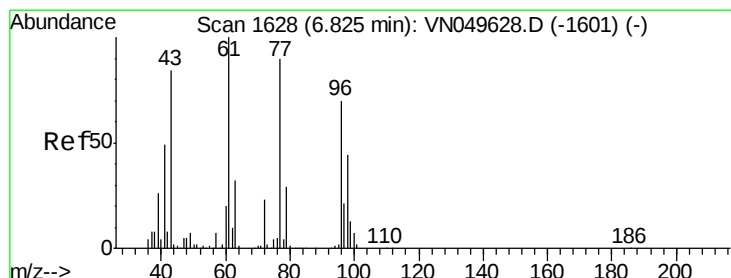
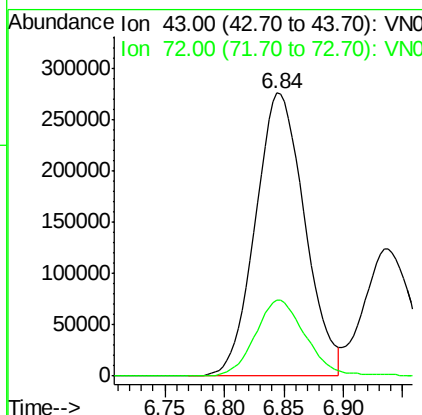
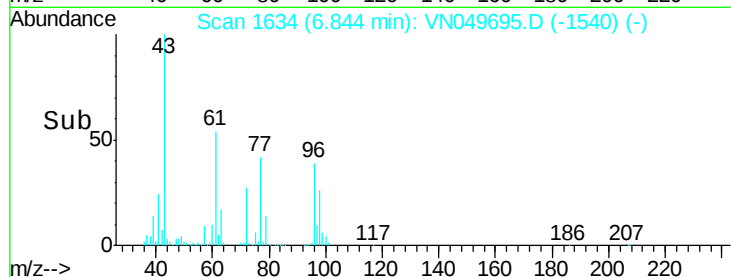
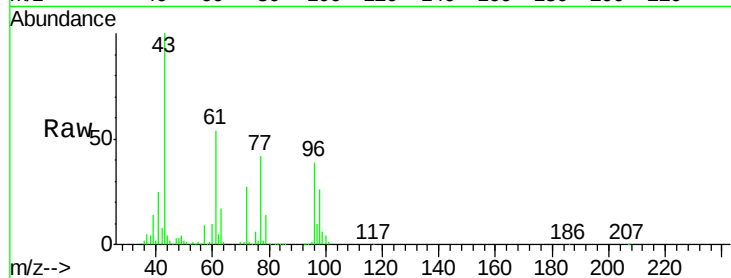
#25
2-Butanone
Concen: 137.993 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Tot Ion: 43 Resp: 789678
Ion Ratio Lower Upper
43 100
72 26.7 22.1 33.1

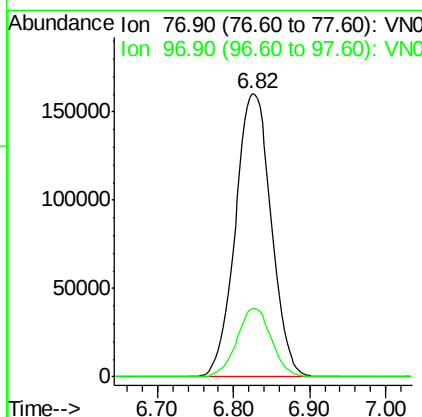
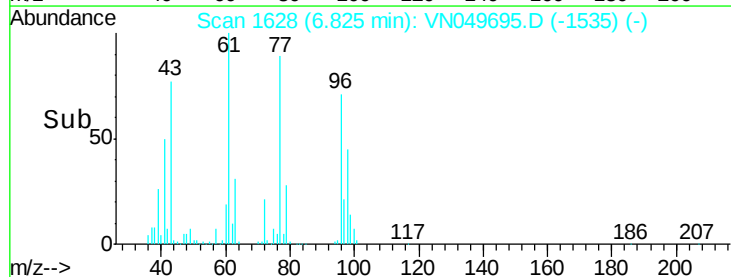
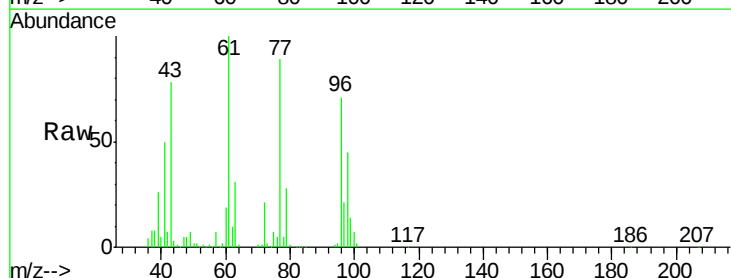
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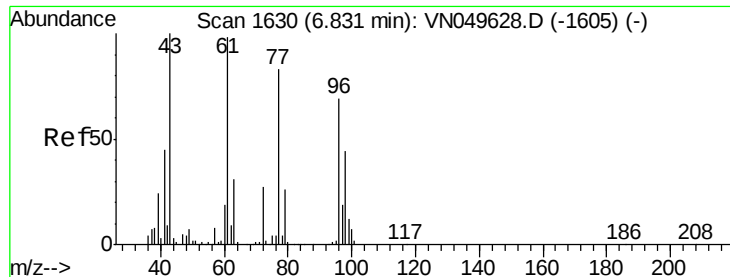
sam
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#26
2,2-Dichloropropane
Concen: 21.036 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion: 77 Resp: 524419
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.5





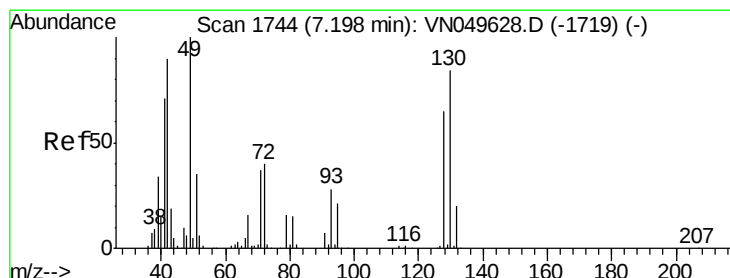
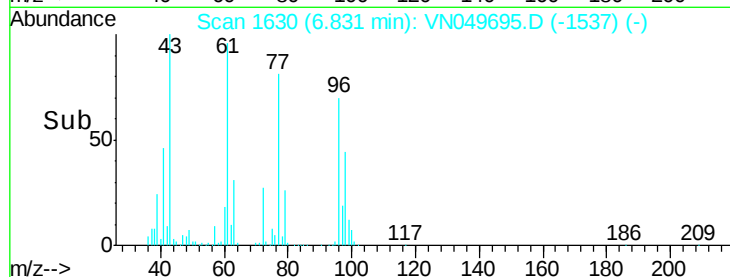
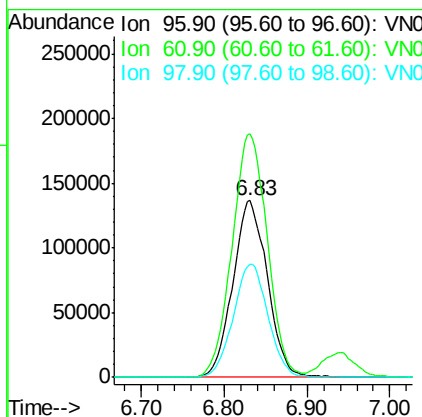
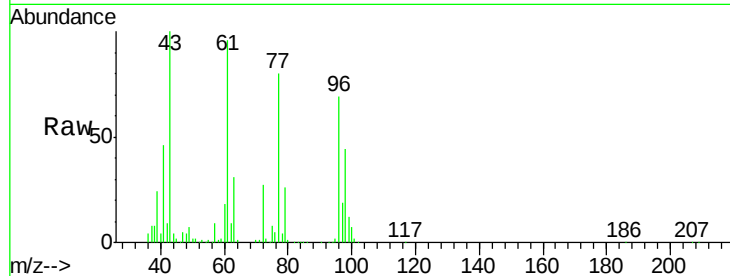
#27
 cis-1,2-Dichloroethene
 Concen: 22.413 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	140.6	0.0	289.0	
98	64.4	0.0	130.2	

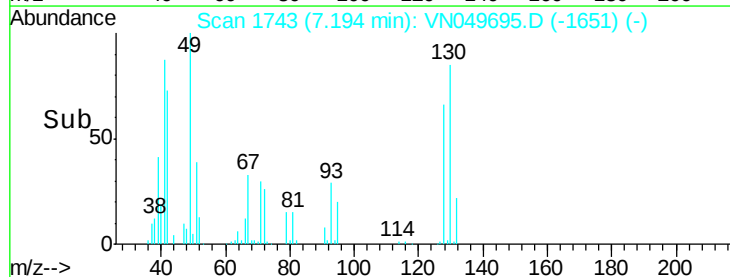
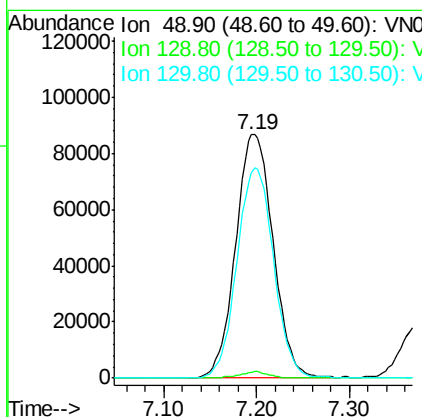
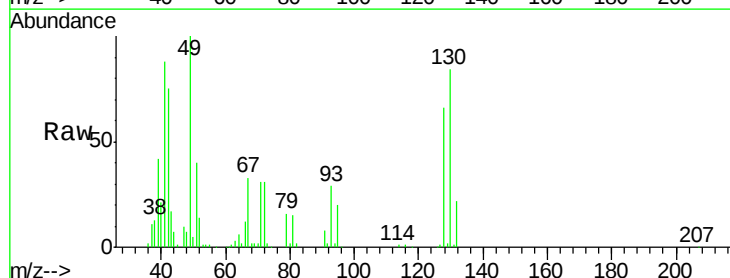
Manual Integrations
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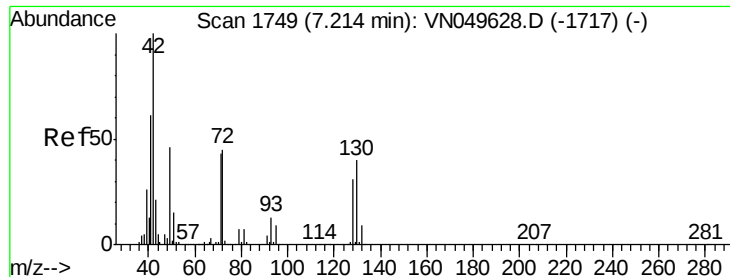
sam
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#28
 Bromochloromethane
 Concen: 19.099 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.2	
130	84.6	65.5	98.3	





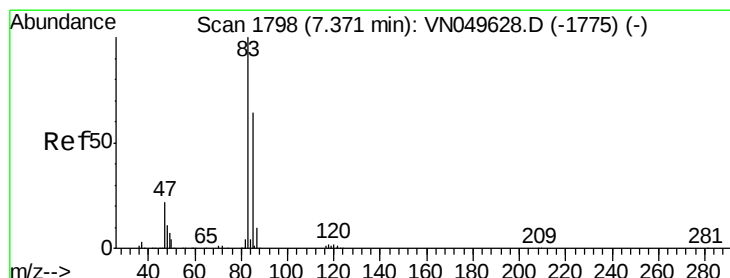
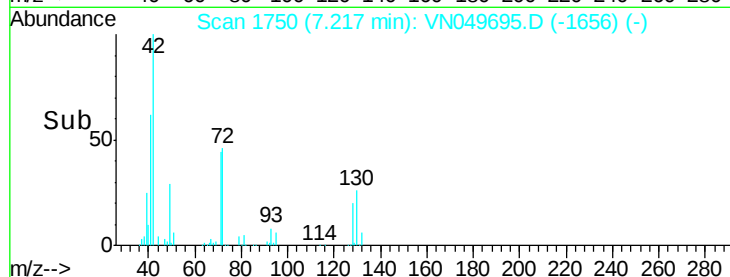
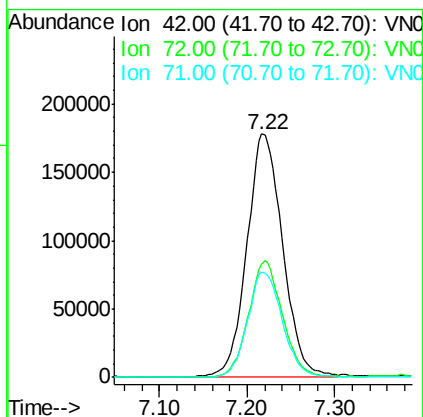
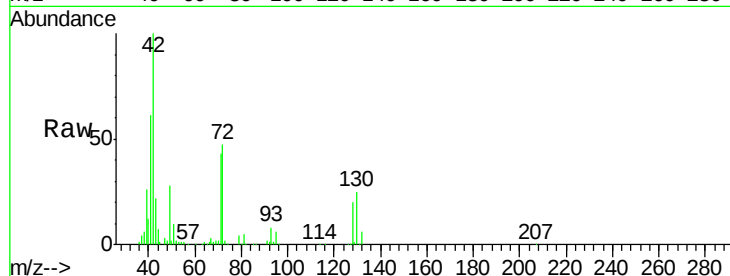
#29
Tetrahydrofuran
Concen: 137.462 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	35.6	53.4
71	42.5	34.0	51.0

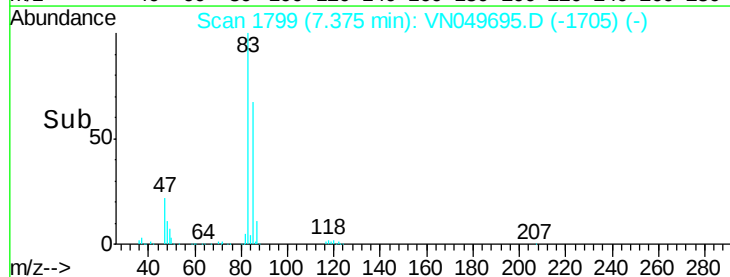
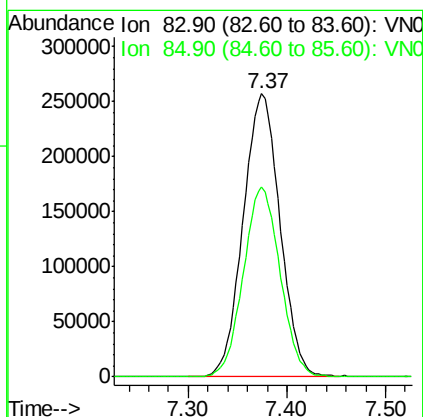
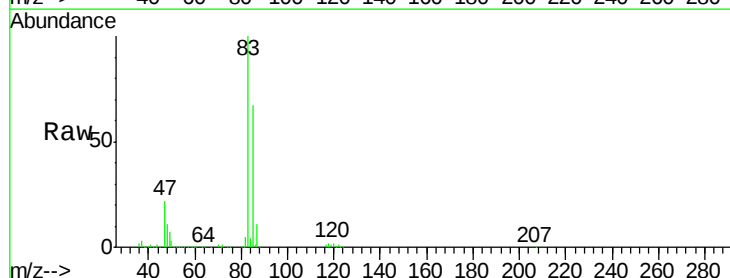
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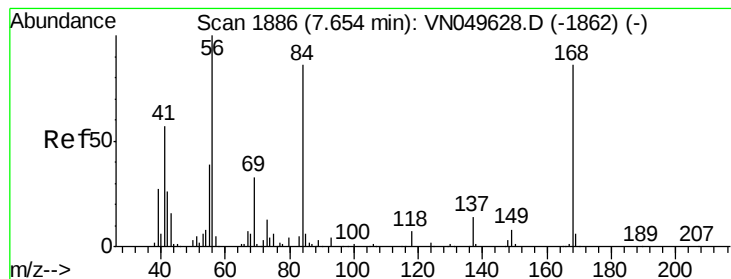
sam
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#30
Chloroform
Concen: 21.710 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.4	77.2





#31

Cyclohexane

Concen: 21.668 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampled :

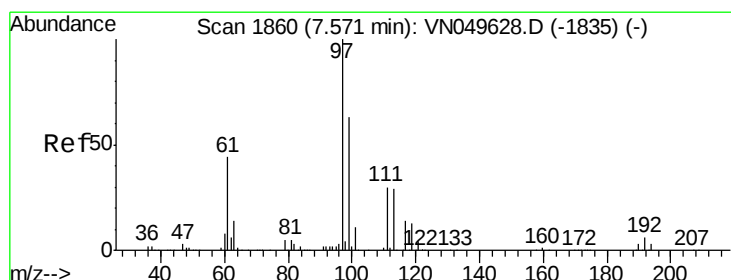
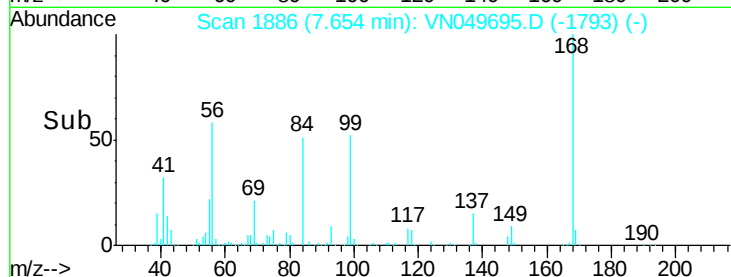
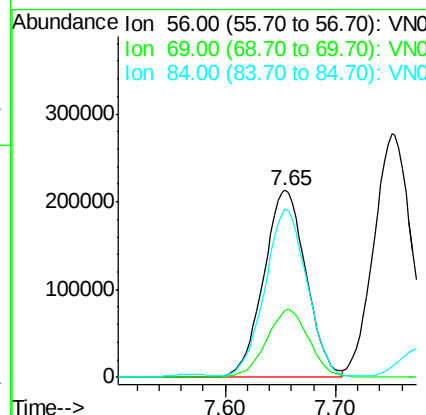
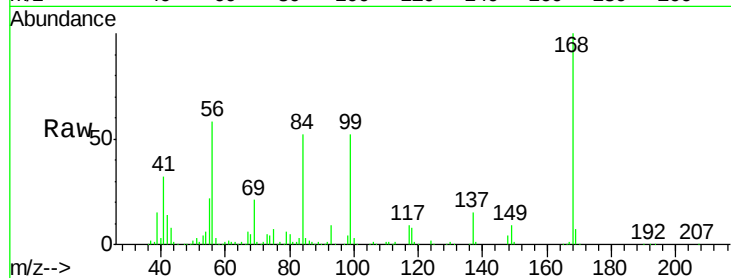
VN0703WBSD01

Tot Ion:	56	Resp:	568332
Ion Ratio	Lower	Upper	
56	100		
69	36.0	26.6	40.0
84	88.1	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 22.193 ug/l

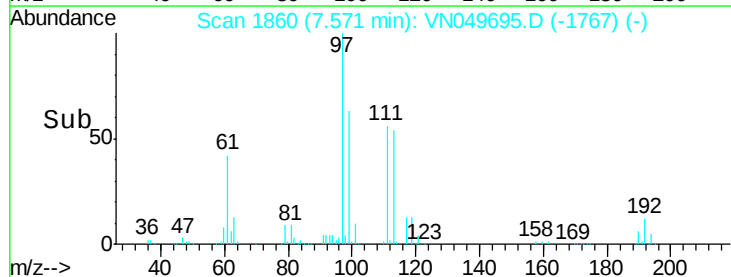
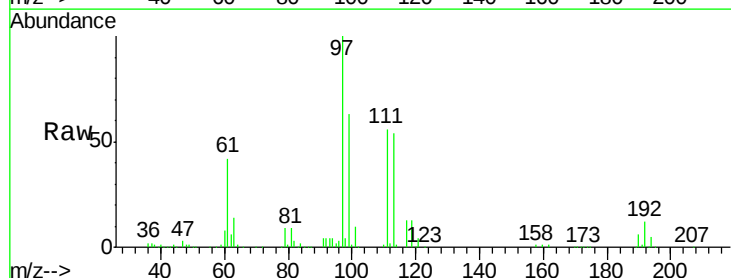
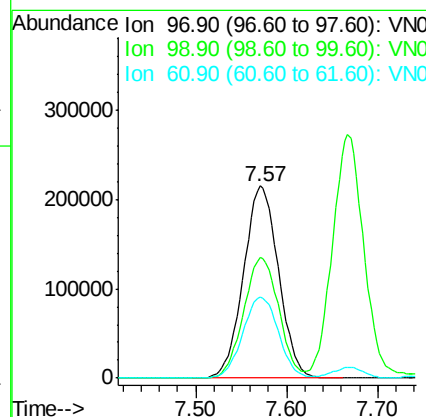
RT: 7.57 min Scan# 1860

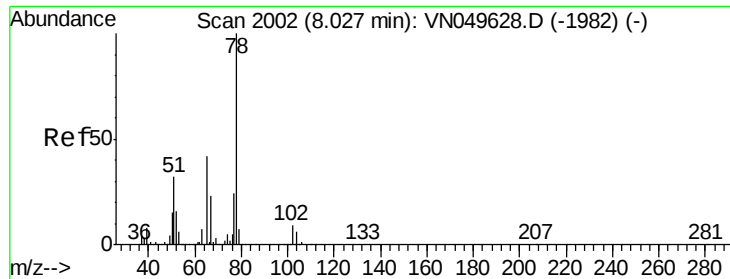
Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Tgt Ion:	97	Resp:	574905
Ion Ratio	Lower	Upper	
97	100		
99	63.0	51.0	76.4
61	43.0	35.5	53.3





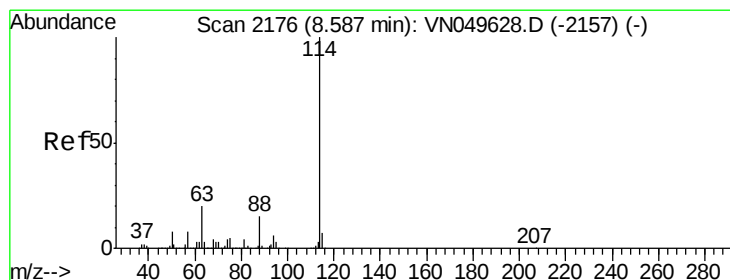
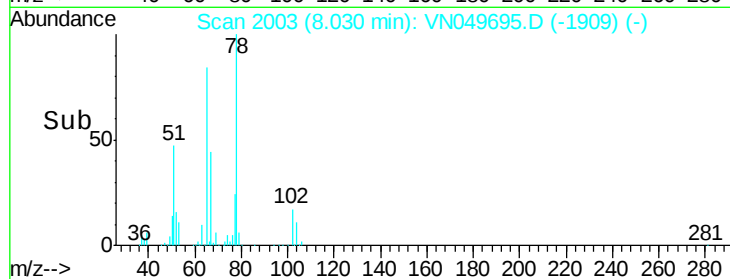
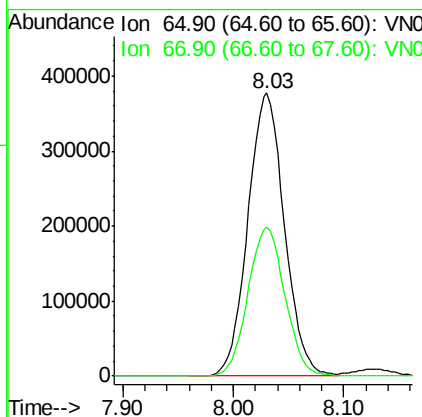
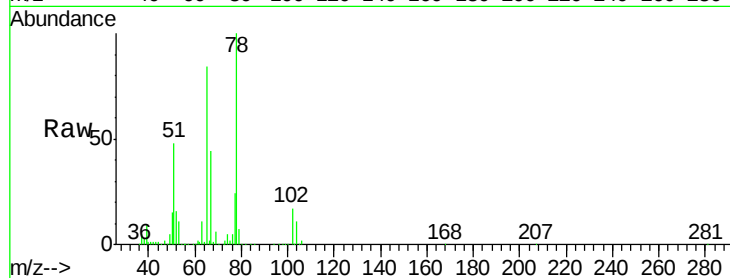
#33
 1,2-Dichloroethane-d4
 Concen: 50.179 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.3	0.0	107.2	

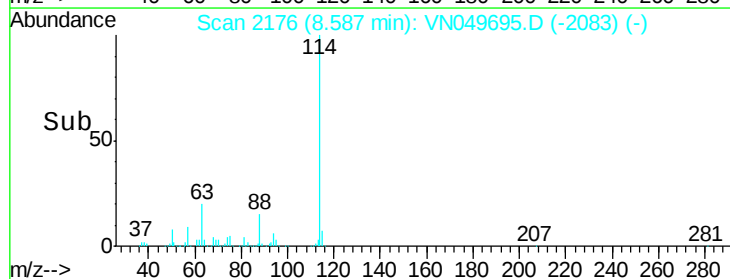
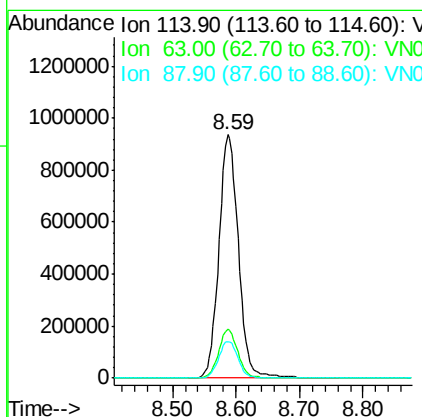
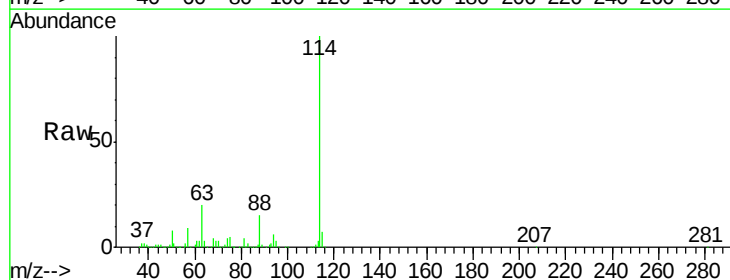
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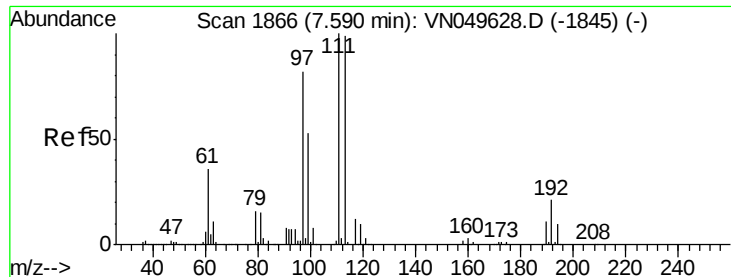
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.1	0.0	39.8	
88	15.1	0.0	30.6	





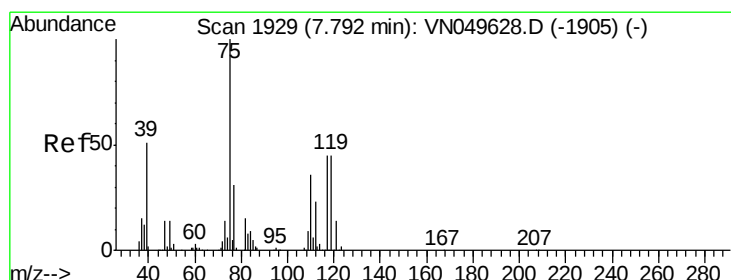
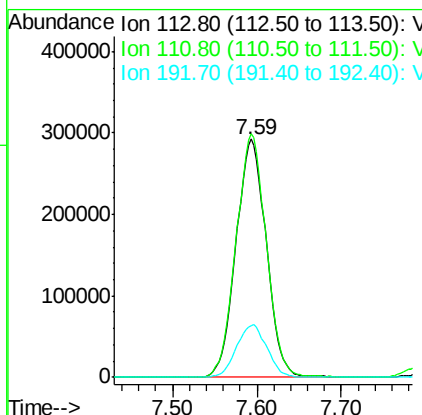
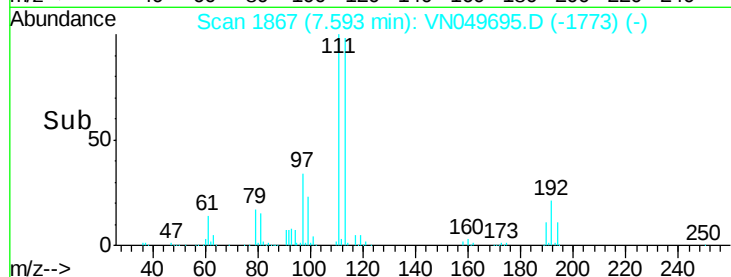
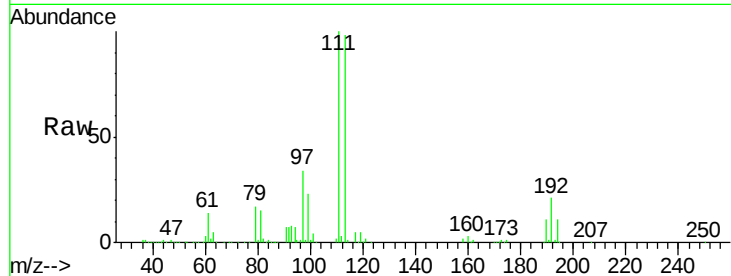
#35
 Dibromofluoromethane
 Concen: 49.215 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	731208		
111	102.3	81.8	122.8	
192	22.3	17.8	26.6	

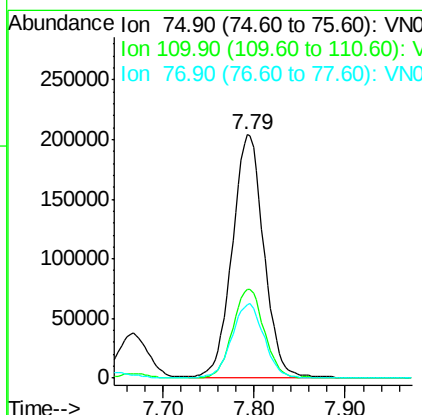
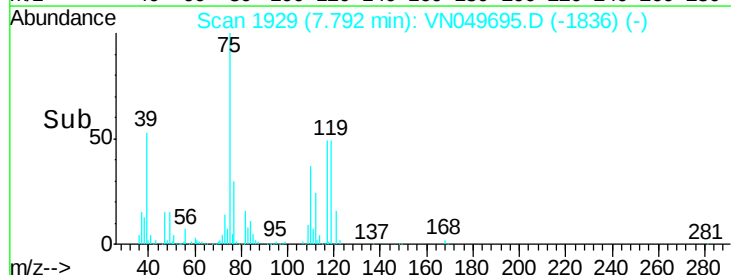
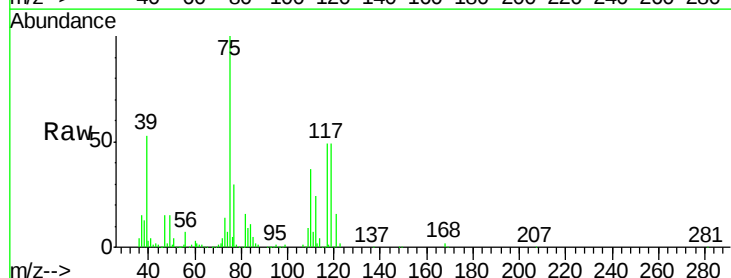
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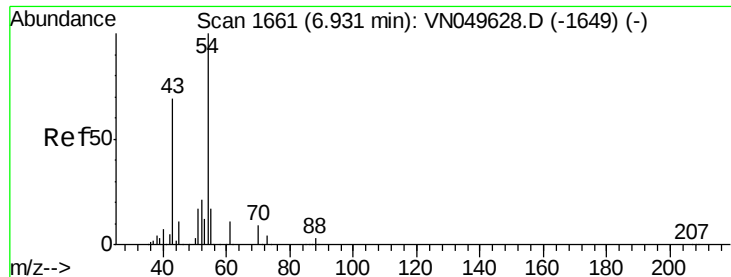
sam
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#36
 1,1-Dichloropropene
 Concen: 21.903 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	489721		
110	36.5	18.1	54.4	
77	31.2	24.9	37.3	





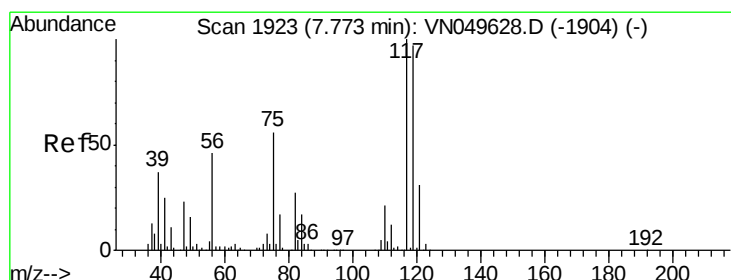
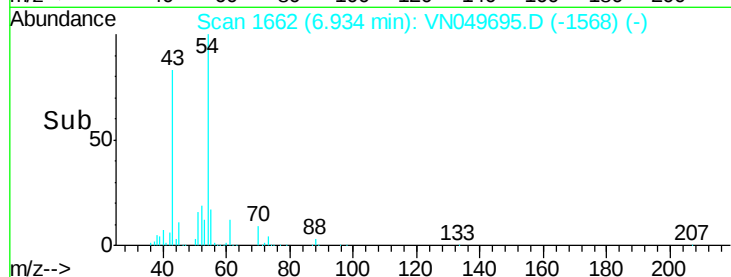
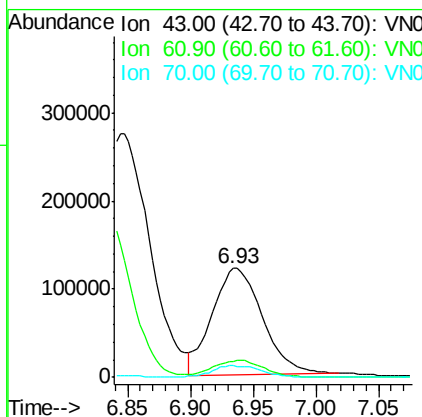
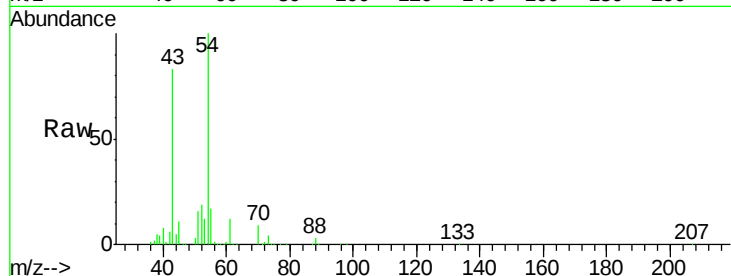
#37
Ethyl Acetate
Concen: 25.997 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Instrument :
MSVOA_N
ClientSampled :
VN0703WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.7	17.5
70	10.8	8.4	12.6

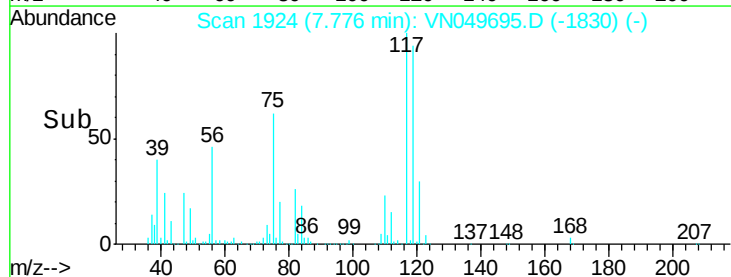
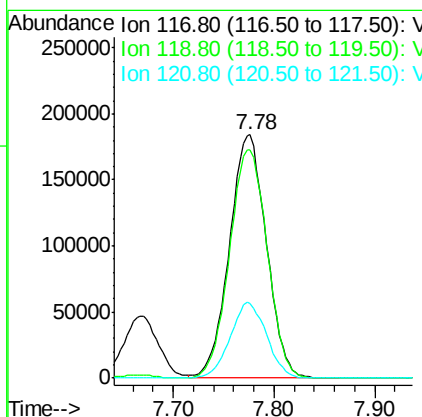
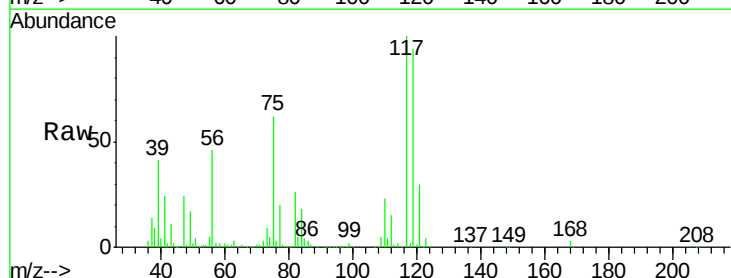
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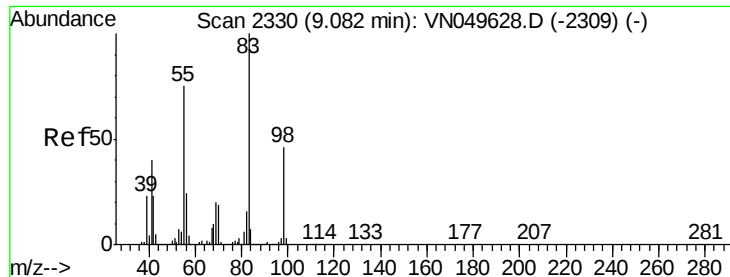
sam
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#38
Carbon Tetrachloride
Concen: 21.460 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.2	115.8
121	30.5	25.0	37.6





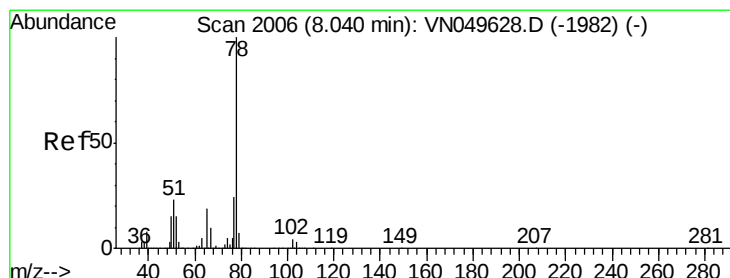
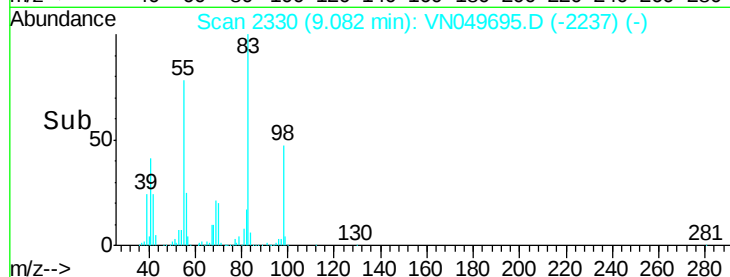
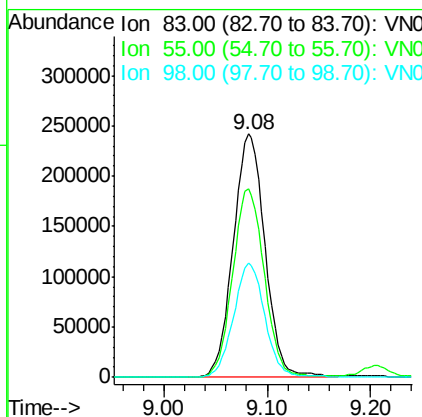
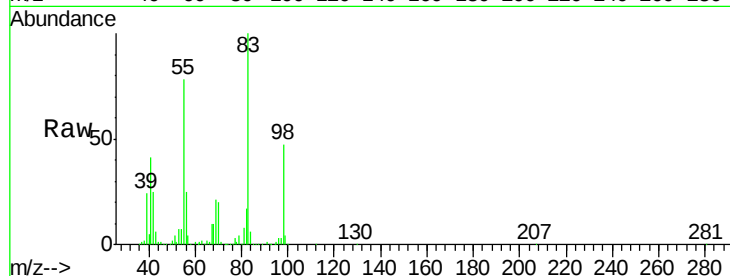
#39
Methylvlcyclohexane
Concen: 21.190 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	59.7	89.5
98	46.7	36.5	54.7

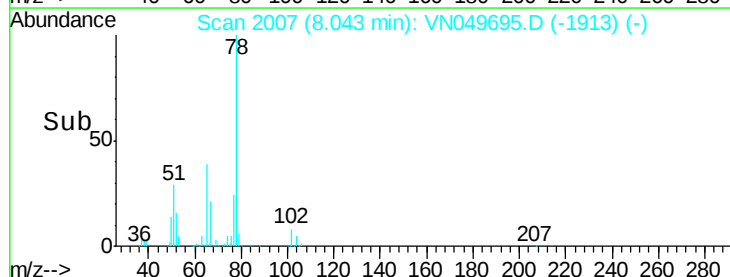
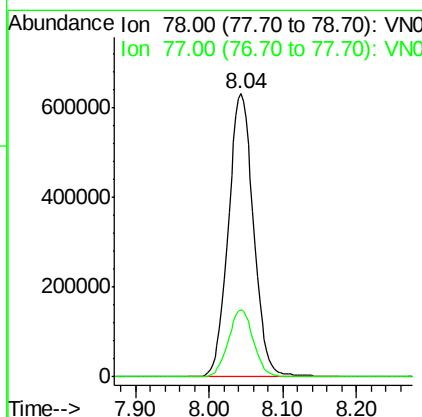
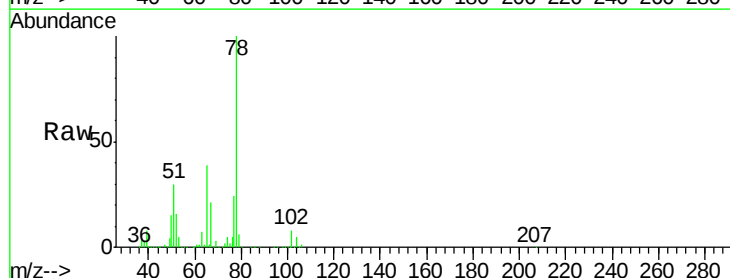
Manual Integrations
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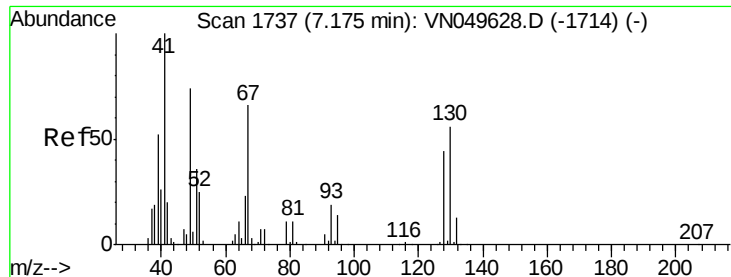
sam
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#40
Benzene
Concen: 22.000 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4





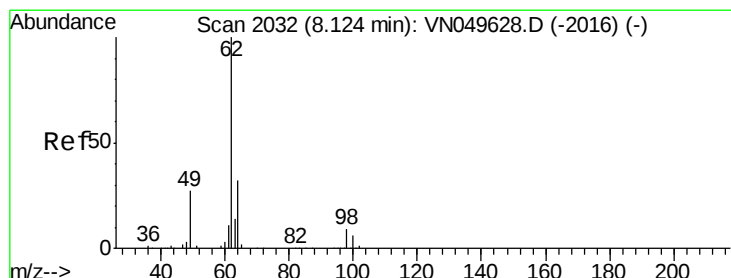
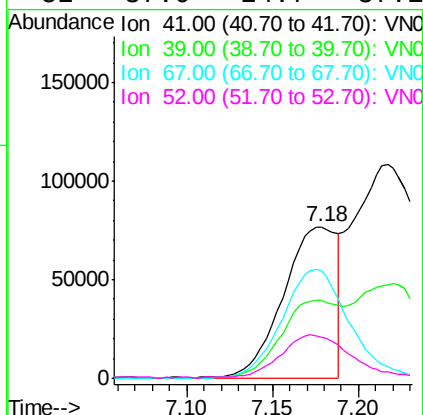
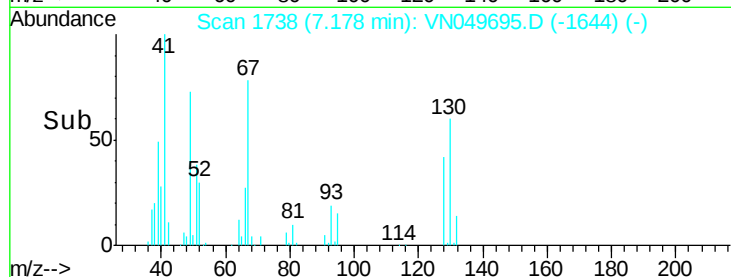
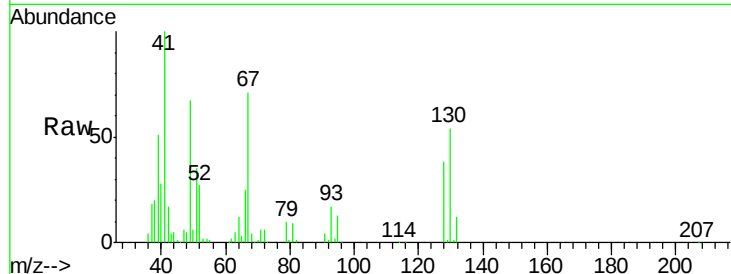
#41
Methacrylonitrile
Concen: 22.566 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Instrument :
MSVOA_N
ClientSampled :
VN0703WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		165886		
39	57.1	45.4	68.2		
67	90.8	65.4	98.0		
52	37.0	24.7	37.1		

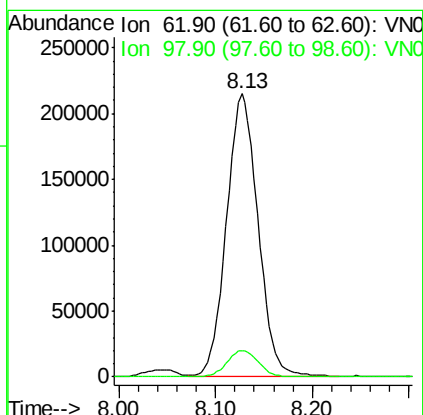
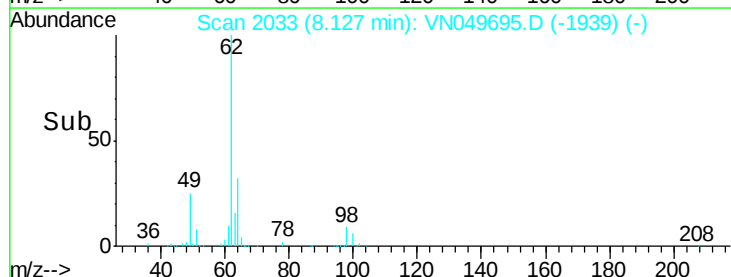
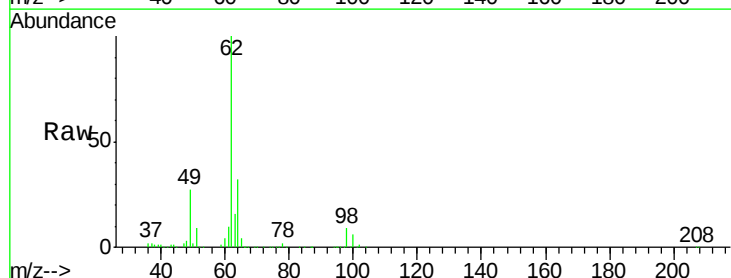
Manual Integrations
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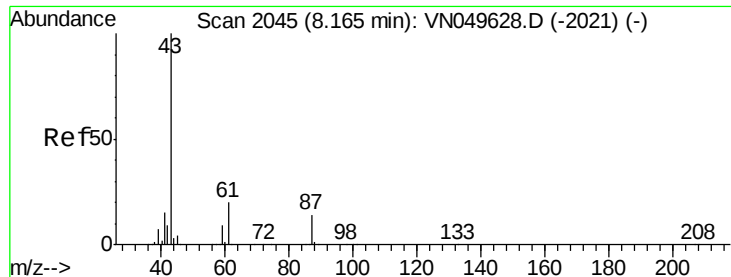
sam
7/5/2018 2:26:54 PM



#42
1,2-Dichloroethane
Concen: 22.196 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		483611		
98	9.4	0.0	19.0		





#43

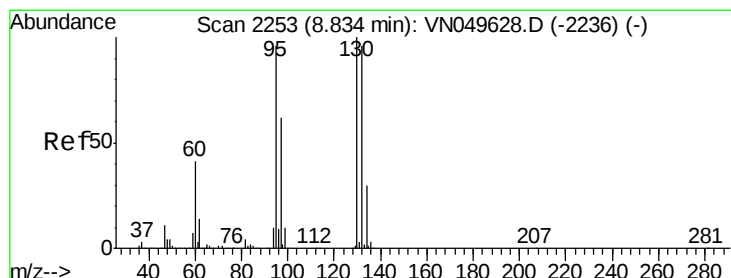
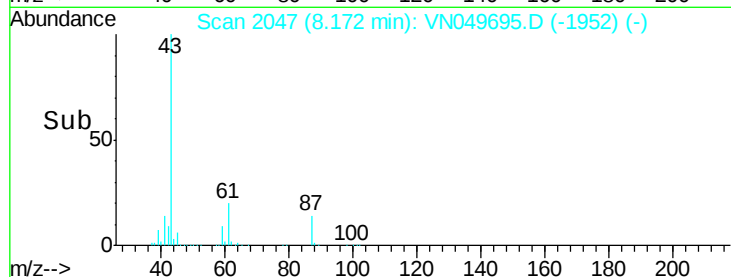
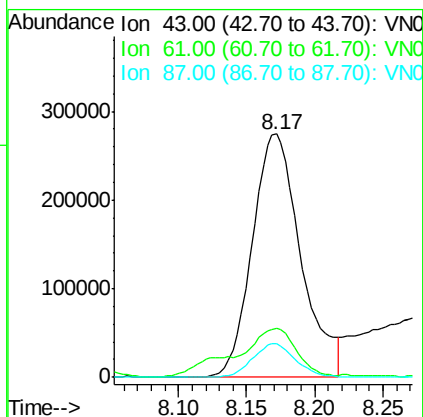
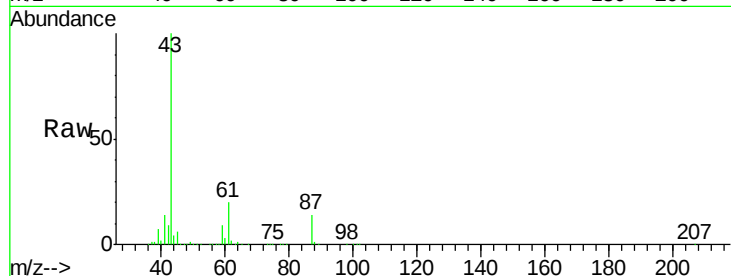
Isopropyl Acetate
 Concen: 25.839 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.2	14.9	22.3#
87	12.4	10.0	15.0

Manual Integrations
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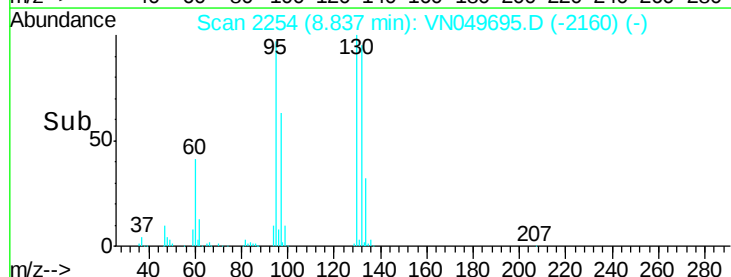
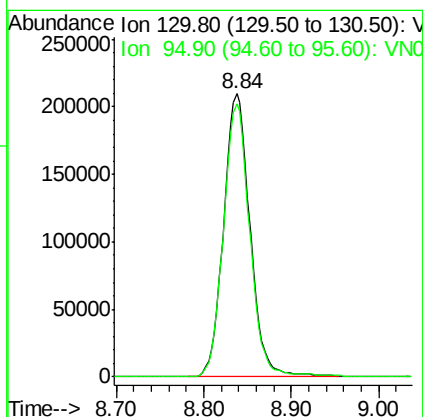
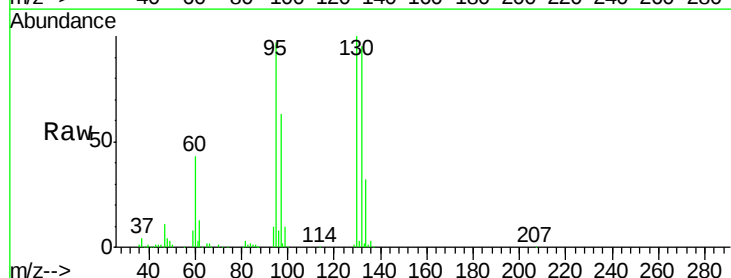
Sam
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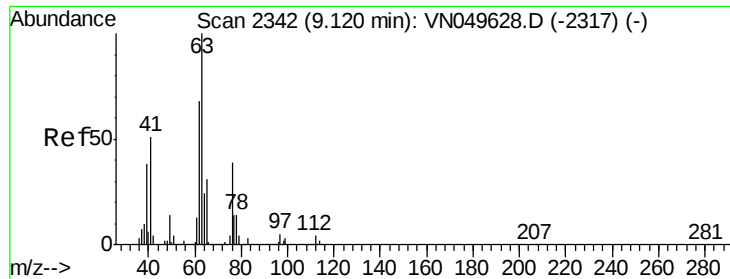


#44

Trichloroethene
 Concen: 21.418 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	192.8





#45

1,2-Dichloropropane

Concen: 22.323 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01

Tot Ion: 63 Resp: 393744

Ion Ratio Lower Upper

63 100

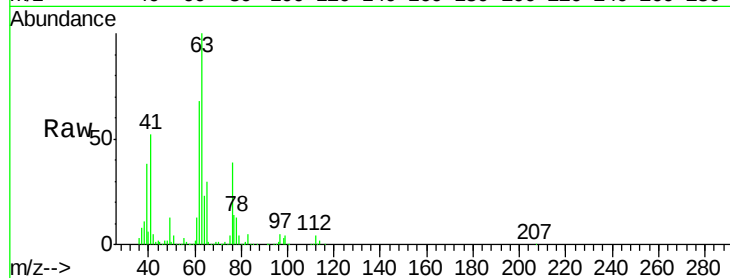
65 30.3 24.7 37.1

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

200000

150000

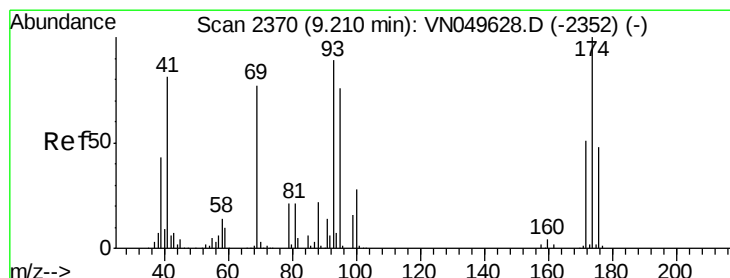
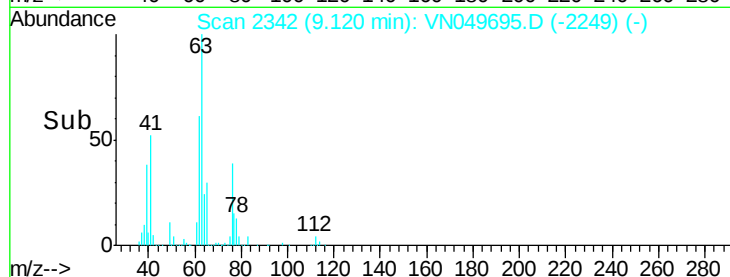
100000

50000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 22.641 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

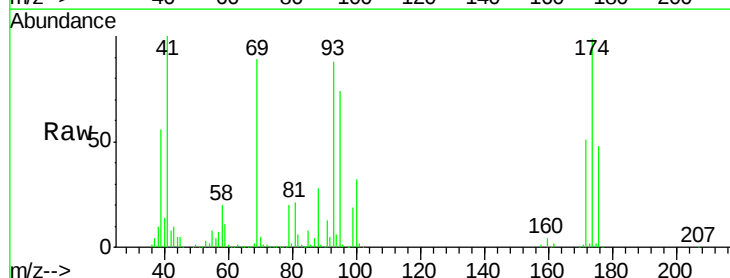
Tgt Ion: 93 Resp: 241602

Ion Ratio Lower Upper

93 100

95 83.7 67.9 101.9

174 112.1 89.4 134.0



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.21

150000

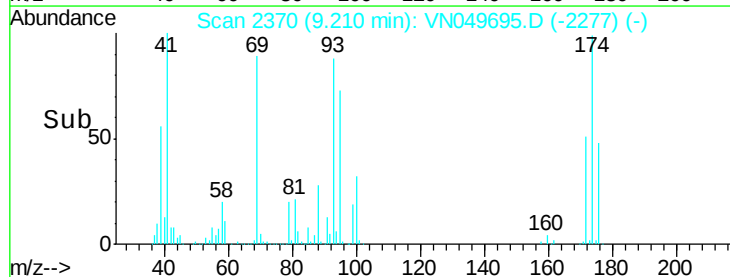
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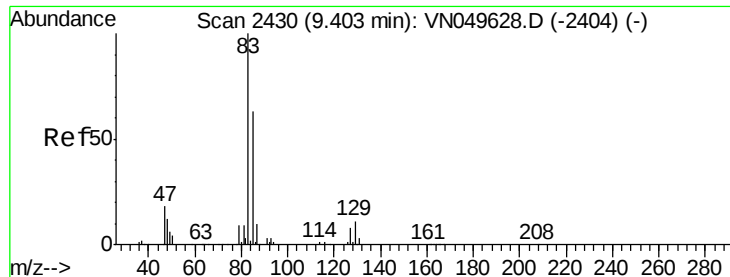
50000

0

Time-->

9.10 9.15 9.20 9.25 9.30





#47

Bromodichloromethane

Concen: 21.787 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Instrument :

MSVOA_N

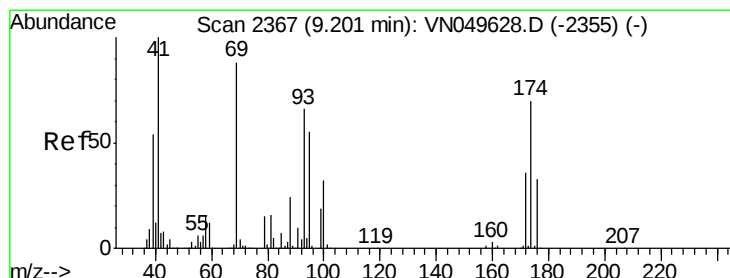
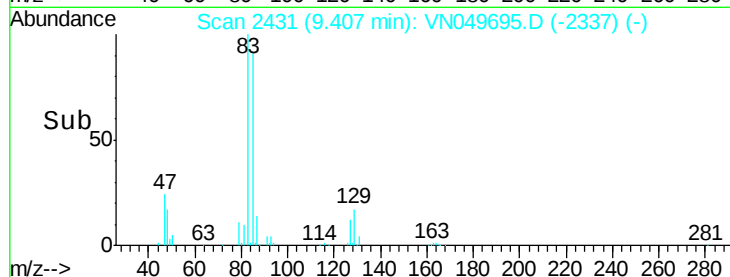
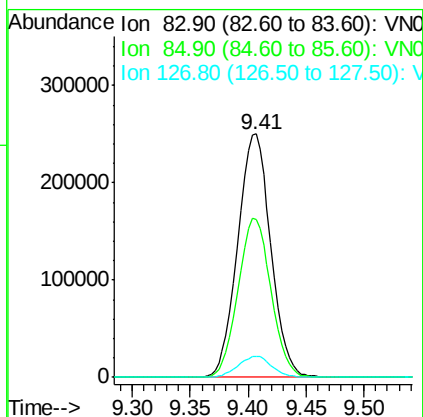
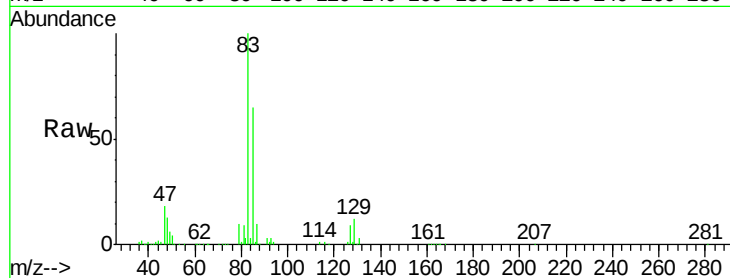
ClientSampleId :

VN0703WBSD01

Tot Ion:	83	Resp:	494909
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.5	75.7
127	8.7	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 25.718 ug/l

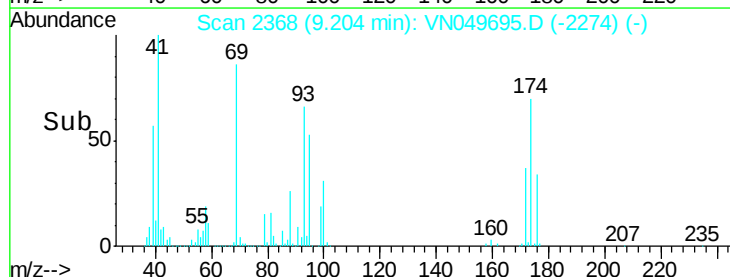
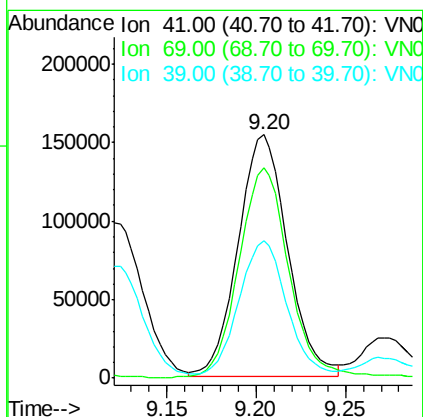
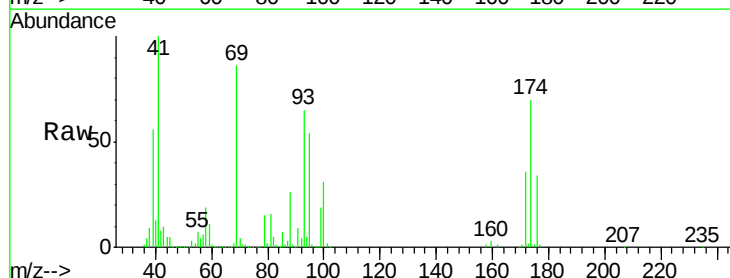
RT: 9.20 min Scan# 2368

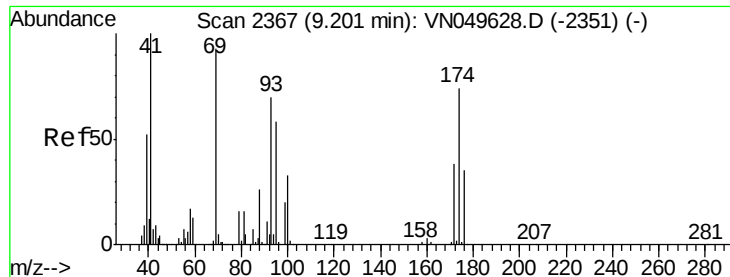
Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Tgt Ion:	41	Resp:	298033
Ion Ratio	Lower	Upper	
41	100		
69	87.7	71.5	107.3
39	54.9	44.7	67.1





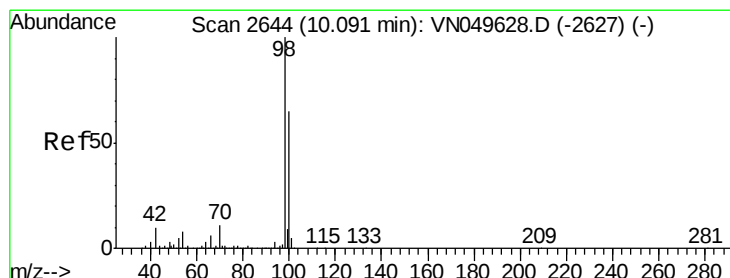
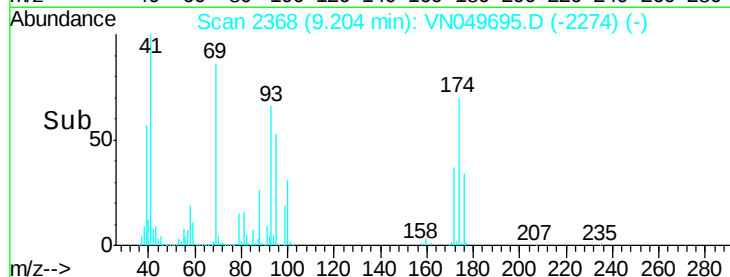
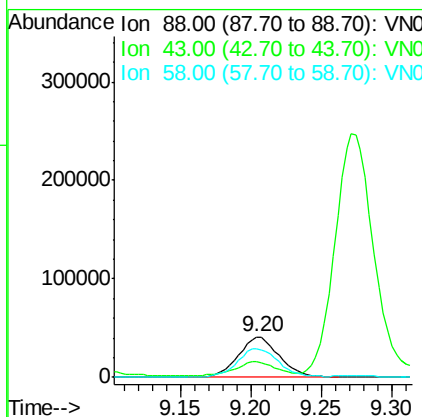
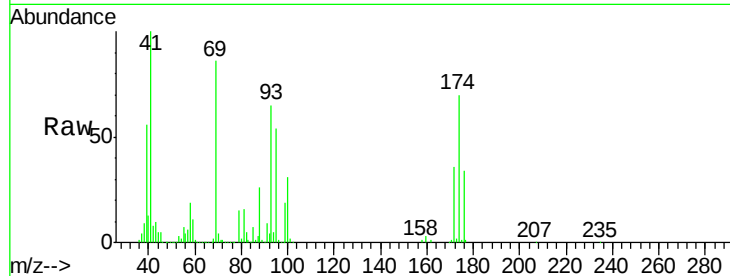
#49
1,4-Dioxane
Concen: 535.910 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.1	37.7
58	72.0	52.5	78.7

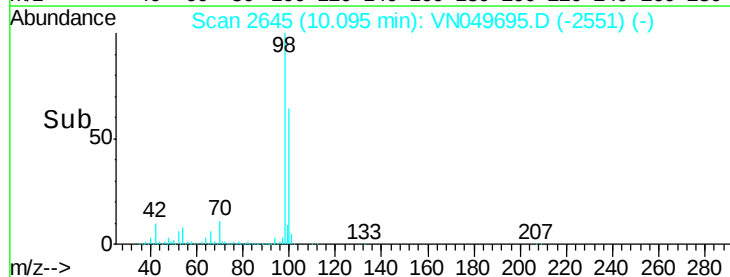
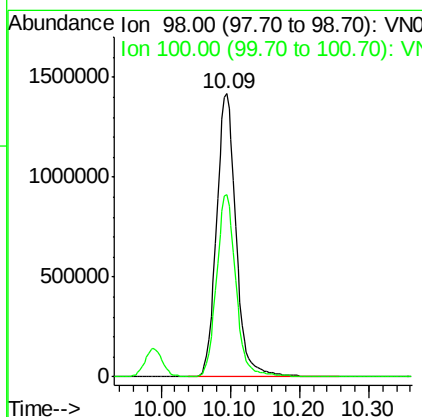
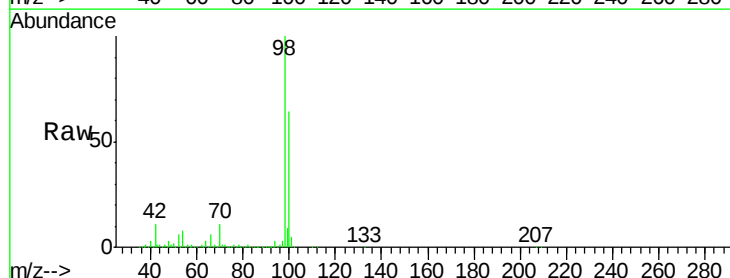
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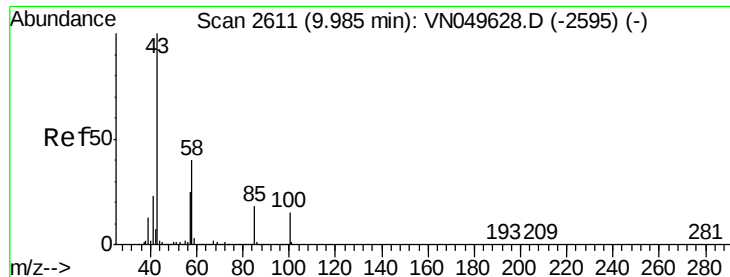
sam
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#50
Toluene-d8
Concen: 47.616 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5





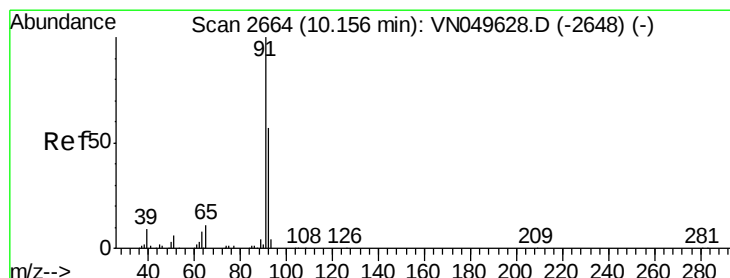
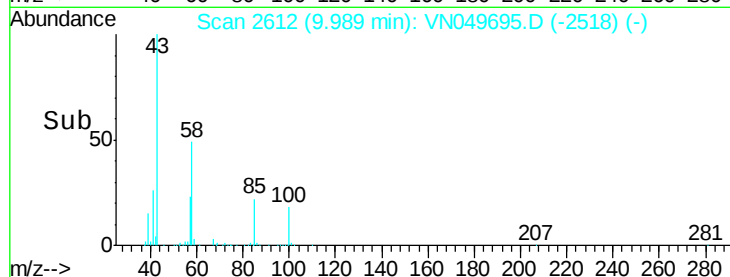
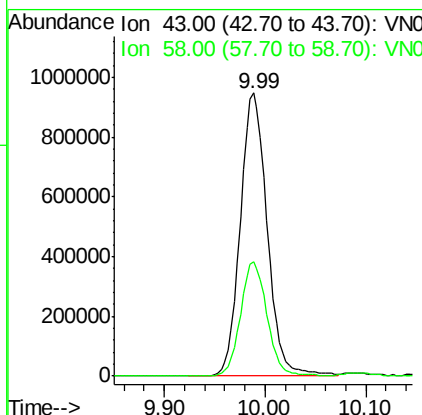
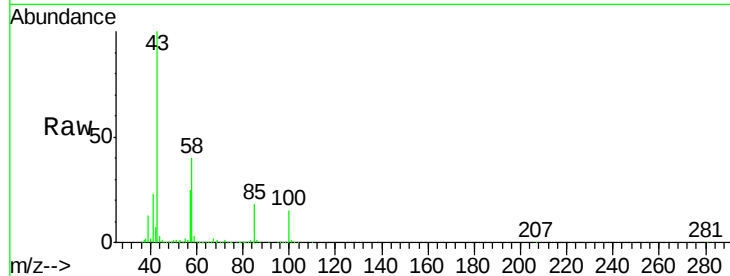
#51
4-Methyl-2-Pentanone
Concen: 136.511 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Instrument :
MSVOA_N
ClientSampled :
VN0703WBSD01

Tot Ion: 43 Resp: 1745447
Ion Ratio Lower Upper
43 100
58 40.0 31.8 47.8

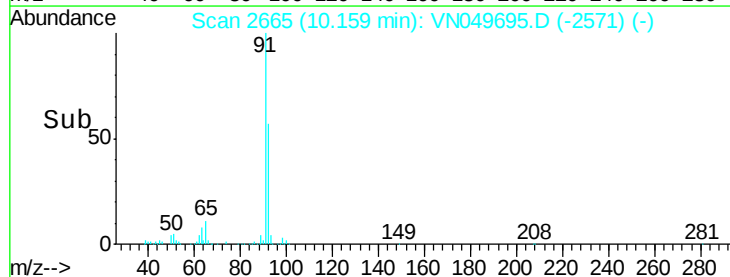
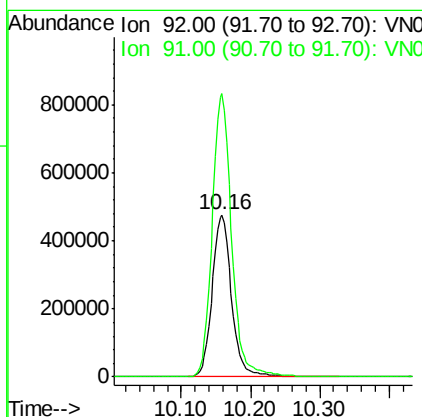
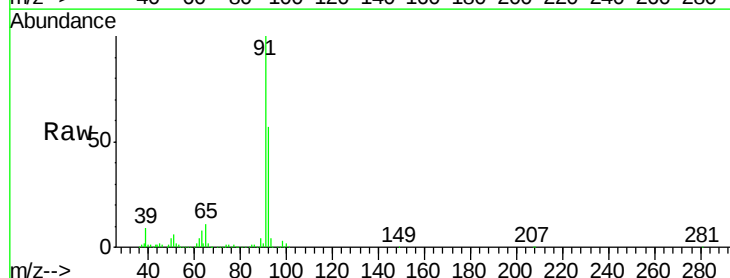
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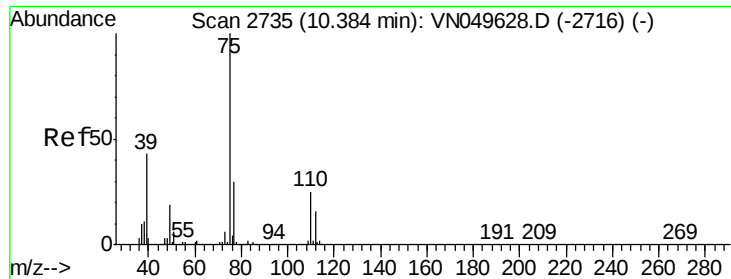
Sam
7/5/2018 2:26:54 PM



#52
Toluene
Concen: 22.367 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion: 92 Resp: 922552
Ion Ratio Lower Upper
92 100
91 175.3 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 19.788 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampled :

VN0703WBSD01

Tot Ion: 75 Resp: 430411

Ion Ratio Lower Upper

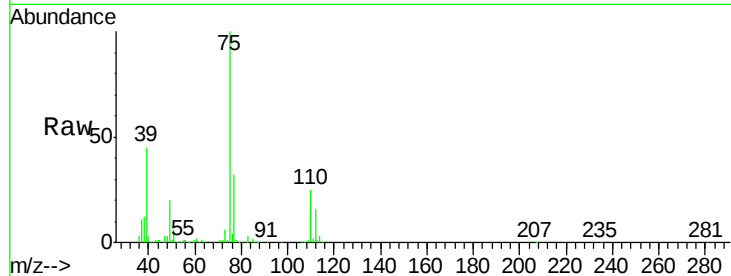
75 100

77 31.4 25.2 37.8

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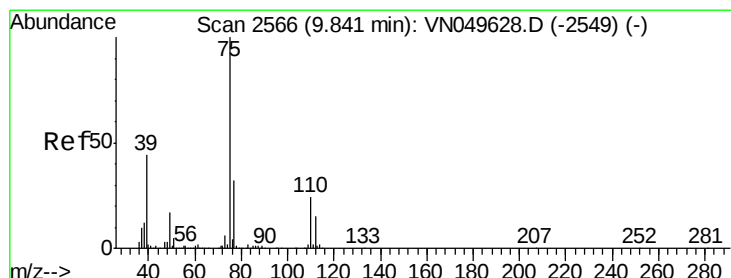
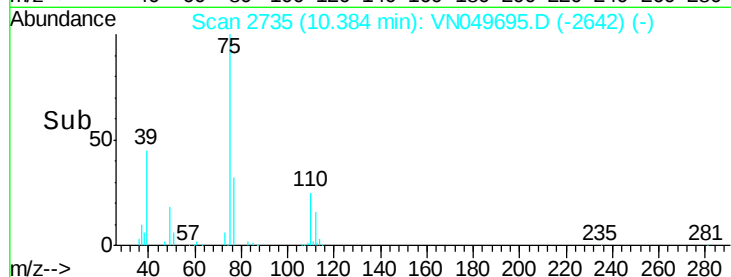
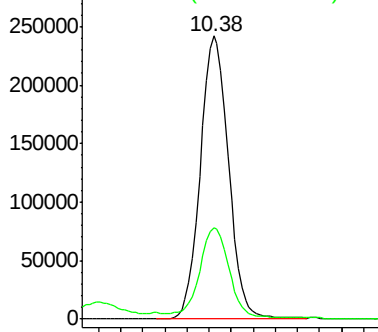
sam

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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.287 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

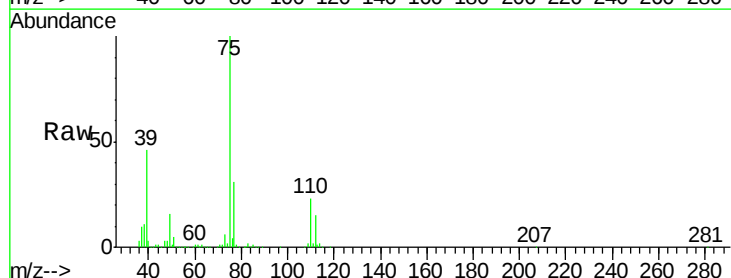
Tgt Ion: 75 Resp: 515729

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

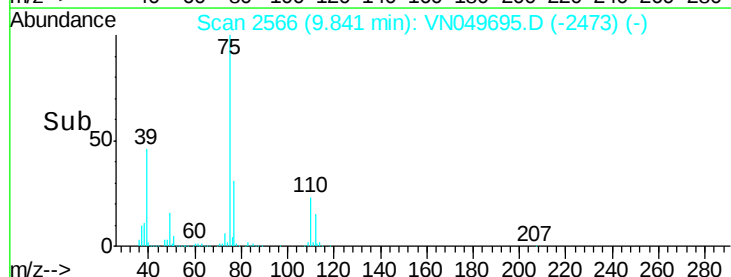
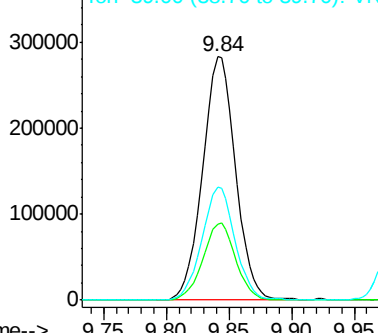
39 46.4 35.5 53.3

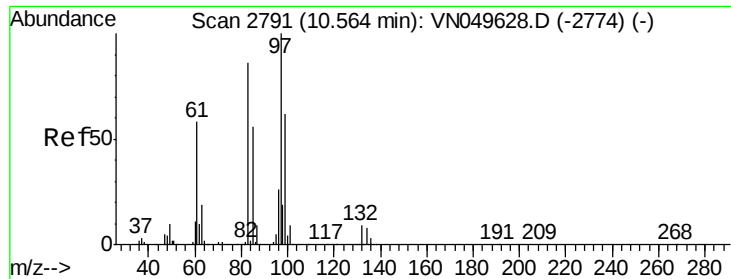


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





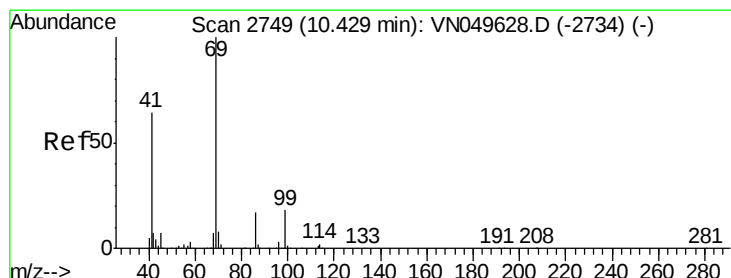
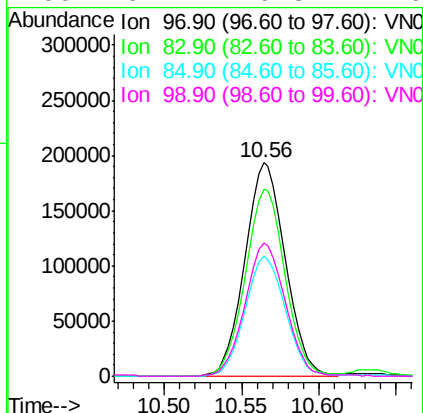
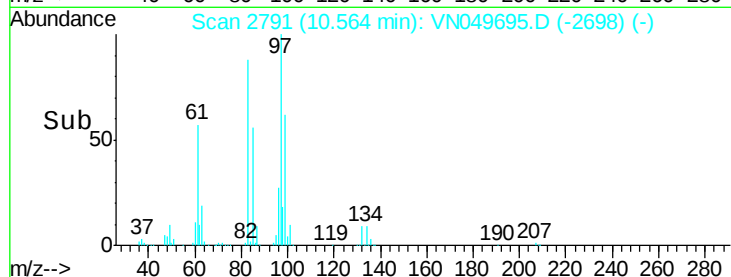
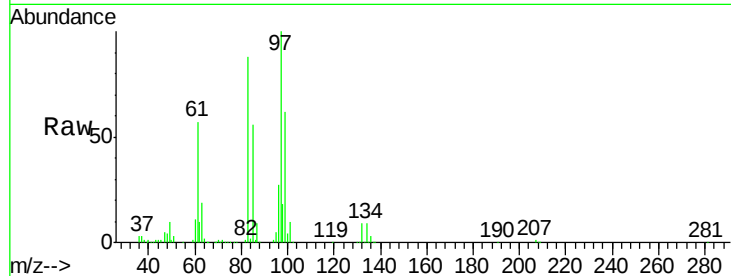
#55
 1,1,2-Trichloroethane
 Concen: 22.950 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		352456		
83	87.8	69.0	103.6		
85	56.0	44.9	67.3		
99	62.2	49.8	74.6		

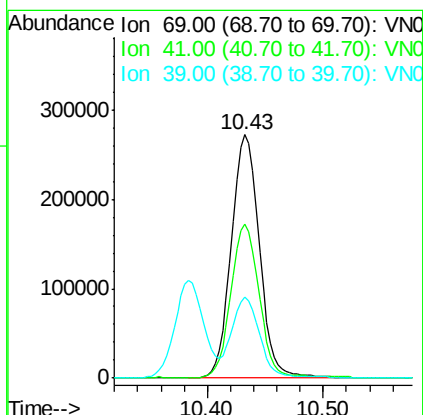
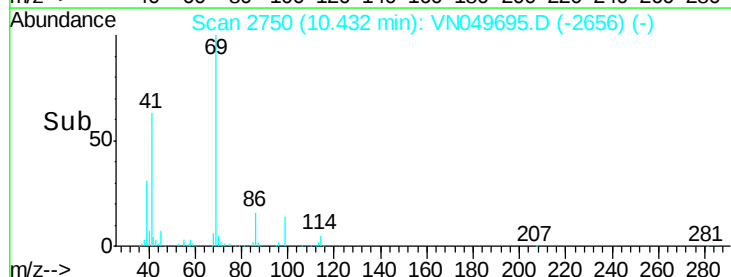
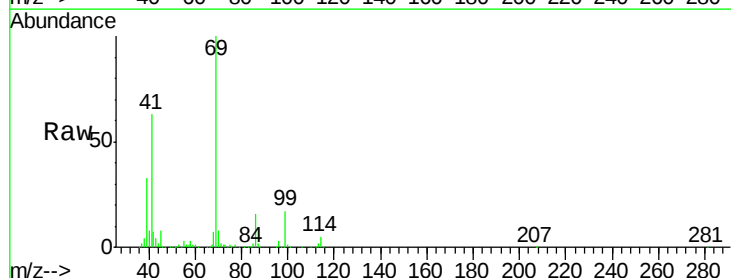
Manual Integrations
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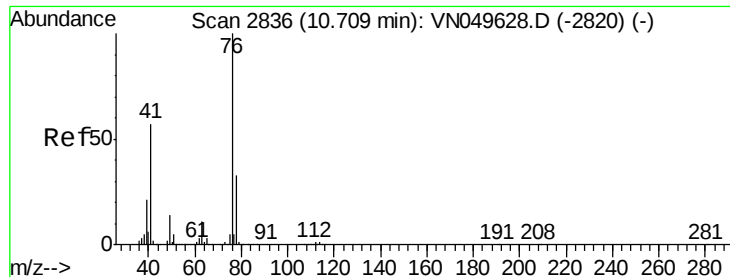
sam
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#56
 Ethyl methacrylate
 Concen: 25.429 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		457767		
41	63.1	51.6	77.4		
39	32.9	25.8	38.8		





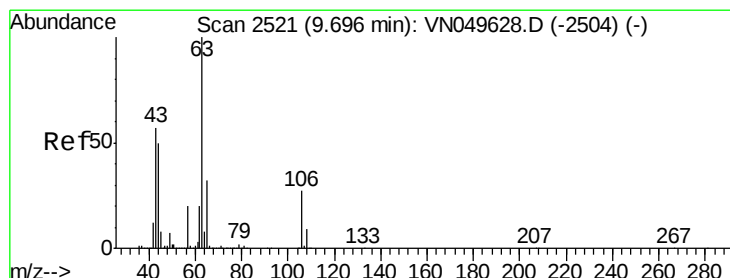
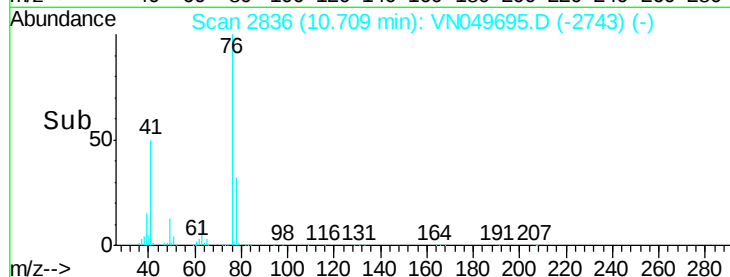
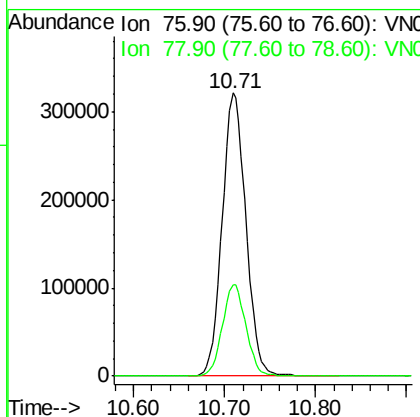
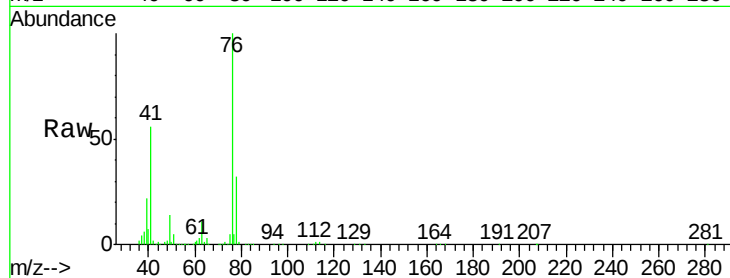
#57
 1,3-Dichloropropane
 Concen: 23.342 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Instrument :
 MSVOA_N
 ClientSampled :
 VN0703WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8

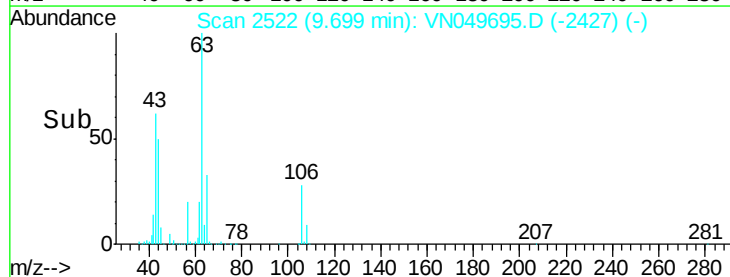
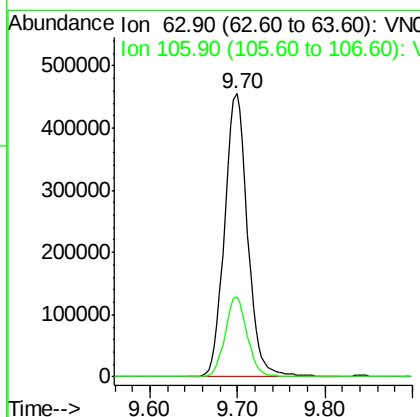
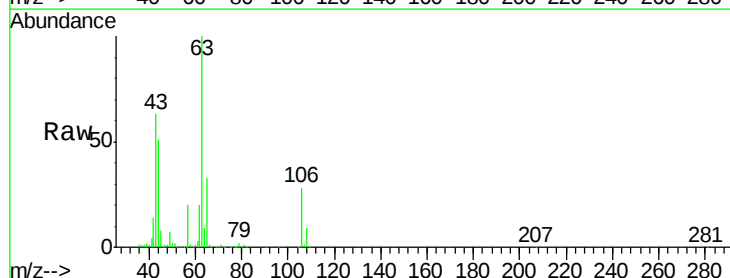
Manual Integrations
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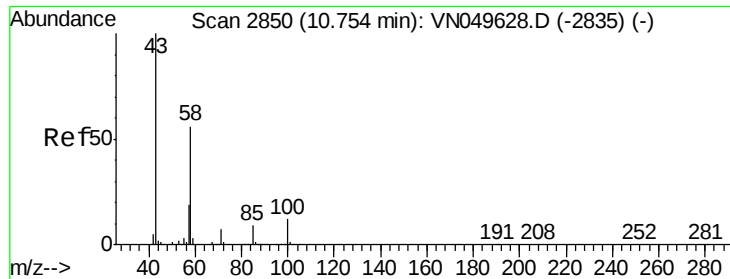
sam
 7/5/2018 2:26:54 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.925 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.8	32.8





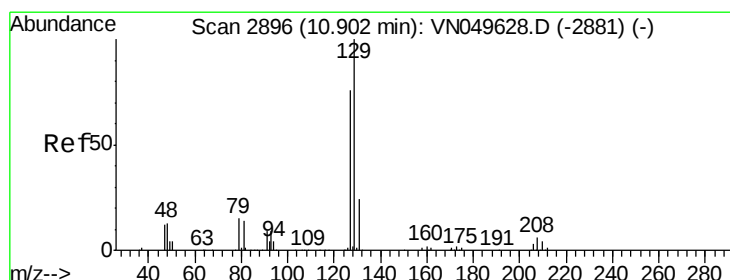
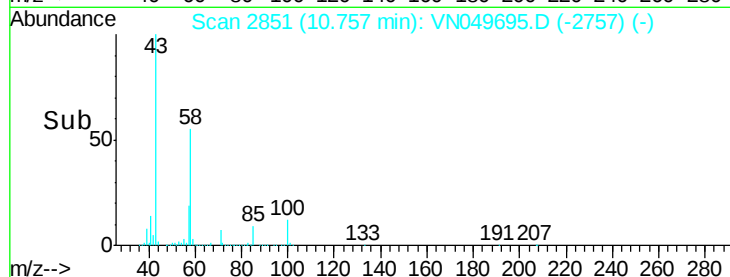
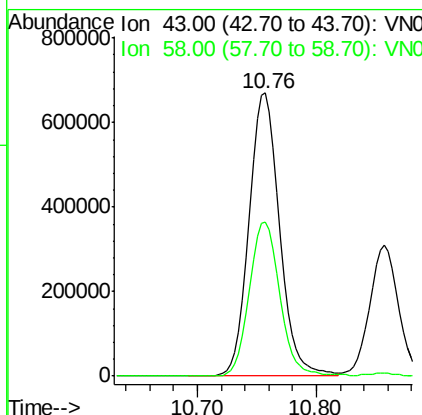
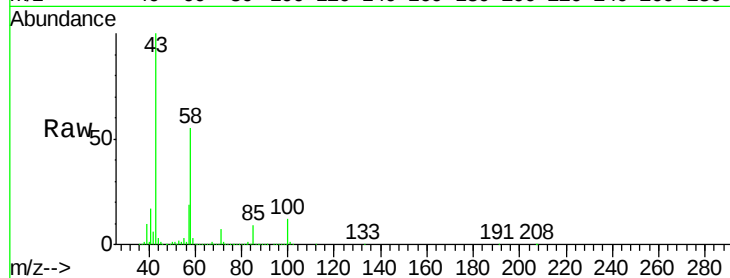
#59
2-Hexanone
Concen: 140.791 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Tot Ion: 43 Resp: 1190373
Ion Ratio Lower Upper
43 100
58 54.8 27.8 83.4

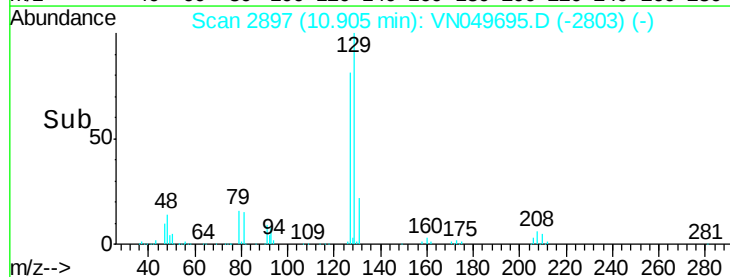
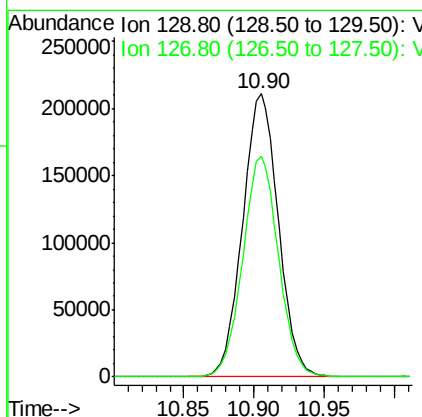
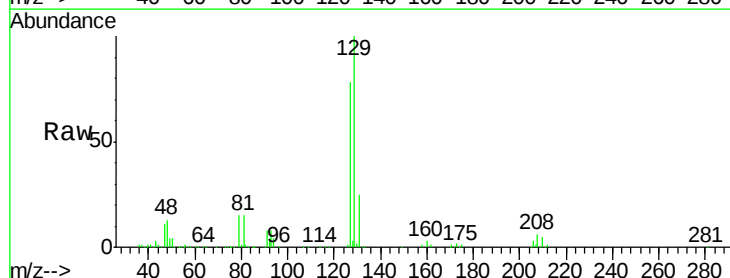
Manual Integrations
APPROVED

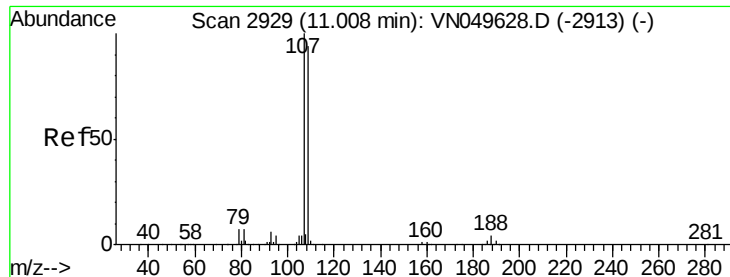
sam
7/5/2018 2:26:54 PM



#60
Dibromochloromethane
Concen: 22.613 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion: 129 Resp: 375350
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9





#61

1,2-Dibromoethane

Concen: 23.216 ug/l

RT: 11.01 min Scan# 2930

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01

Tot Ion: 107 Resp: 341621

Ion Ratio Lower Upper

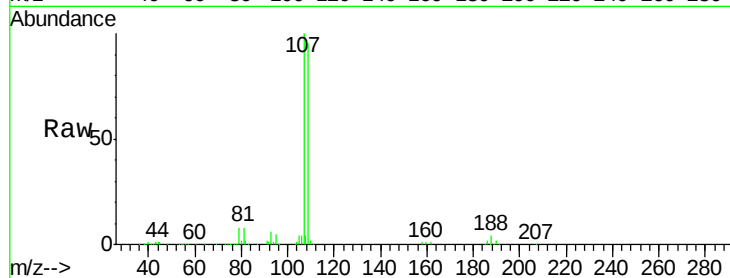
107 100

109 94.5 75.0 112.6

Manual Integrations
APPROVED

Sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

200000

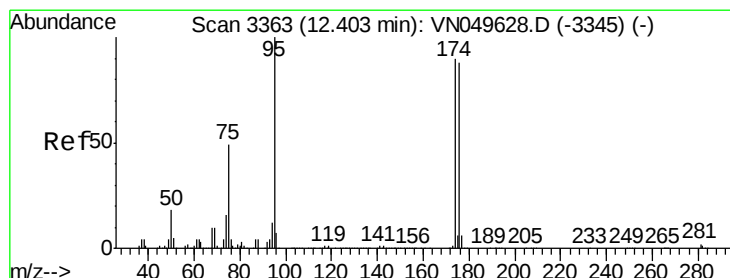
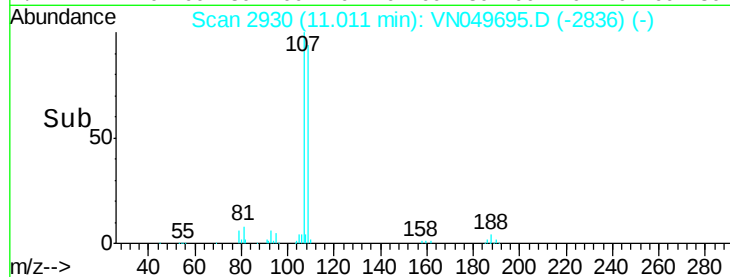
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.697 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

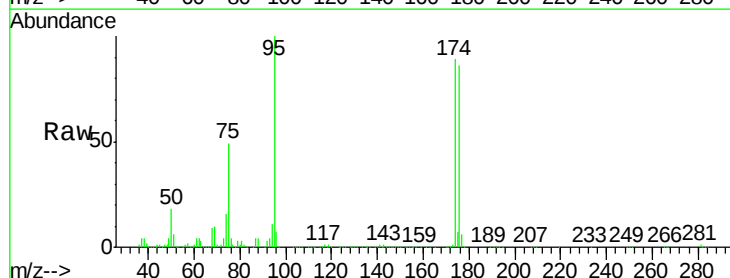
Tgt Ion: 95 Resp: 966877

Ion Ratio Lower Upper

95 100

174 90.3 0.0 179.6

176 86.8 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

800000

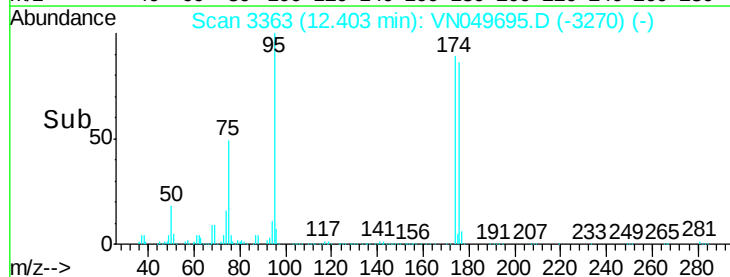
600000

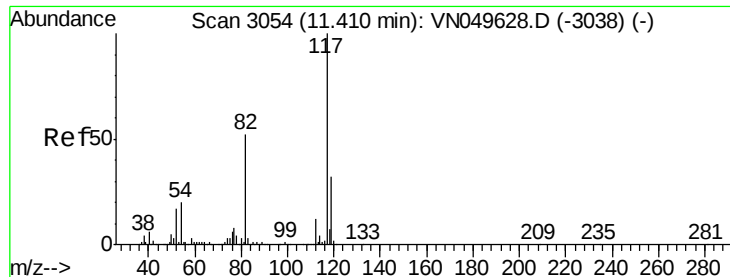
400000

200000

0

Time-->





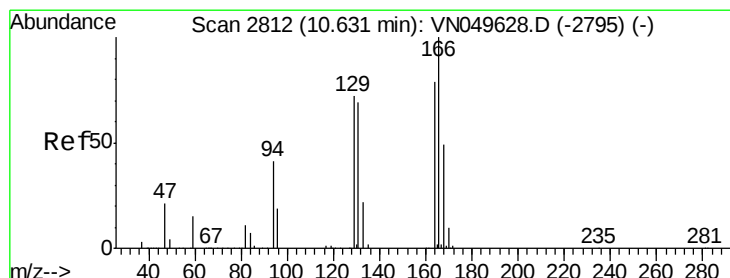
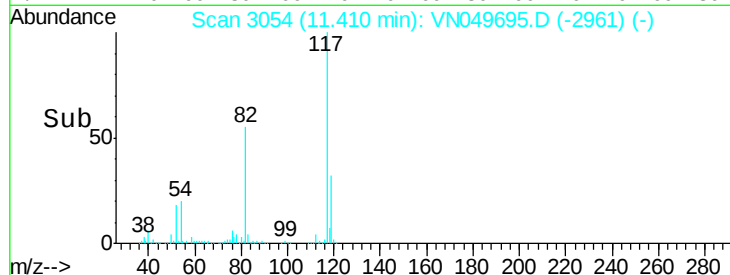
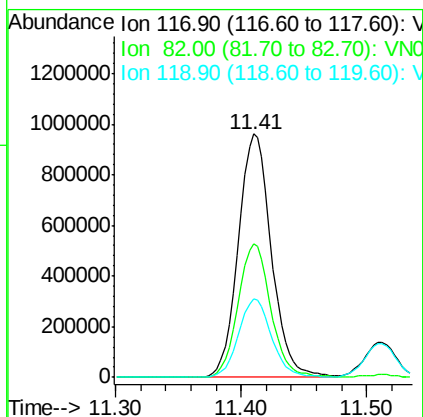
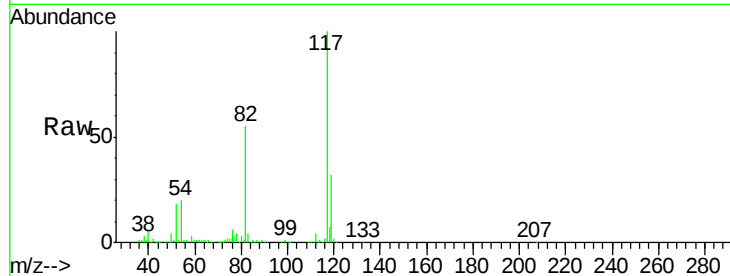
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Tot Ion:117 Resp: 1764073
Ion Ratio Lower Upper
117 100
82 54.7 41.9 62.9
119 32.2 25.4 38.2

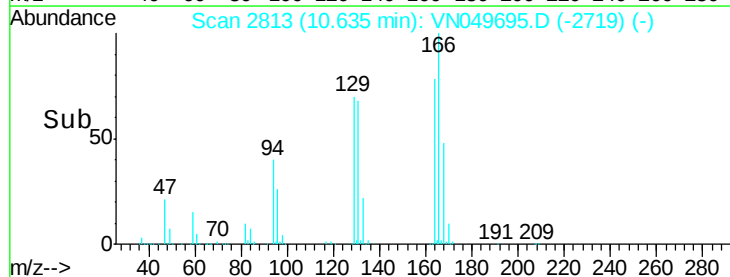
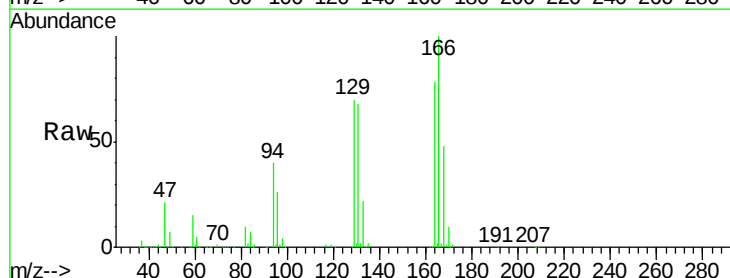
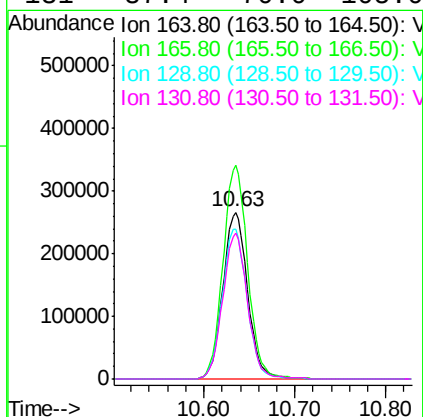
Manual Integrations
APPROVED

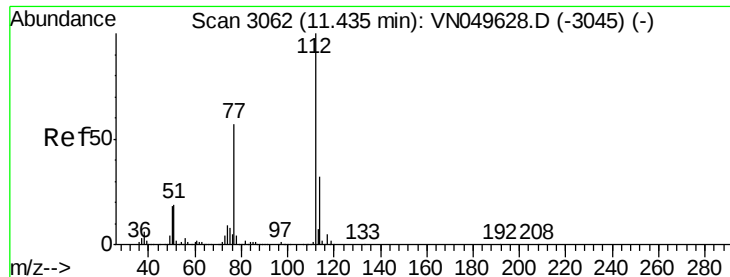
sam
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#64
Tetrachloroethene
Concen: 21.012 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion:164 Resp: 501883
Ion Ratio Lower Upper
164 100
166 128.2 101.8 152.6
129 89.9 72.8 109.2
131 87.4 70.0 105.0





#65

Chlorobenzene

Concen: 21.421 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01

Tot Ion:112 Resp: 985784

Ion Ratio Lower Upper

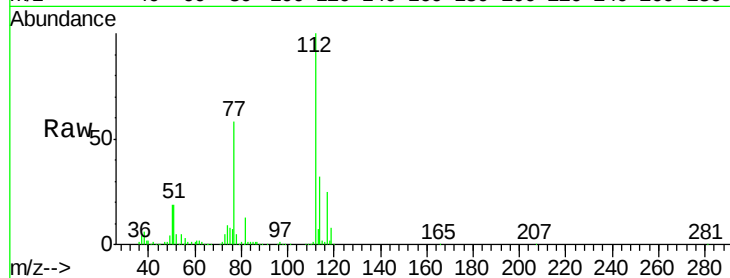
112 100

114 32.2 25.4 38.0

Manual Integrations
APPROVED

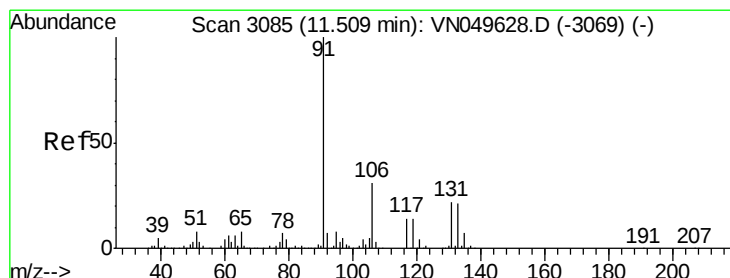
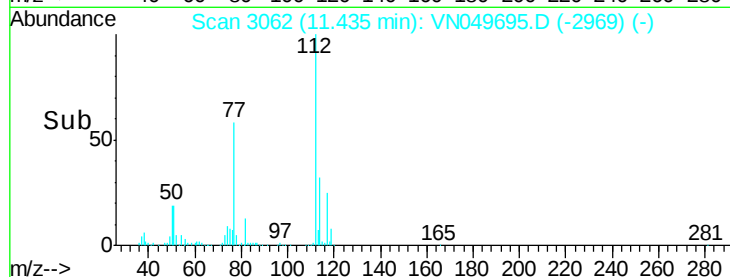
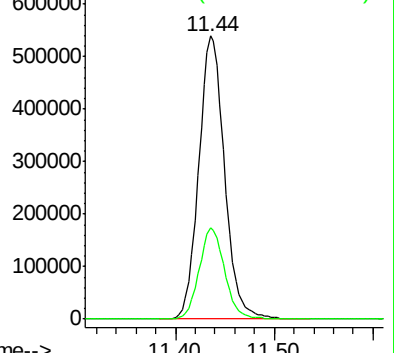
sam

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.213 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

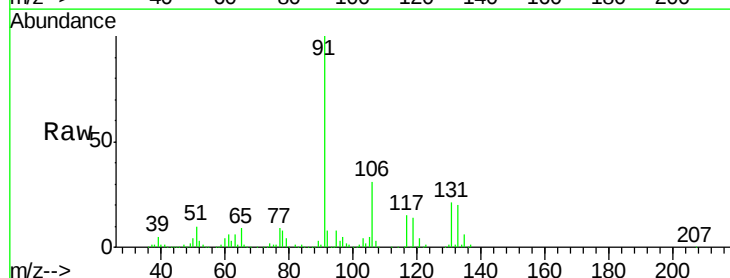
Tgt Ion:131 Resp: 350765

Ion Ratio Lower Upper

131 100

133 96.8 47.5 142.6

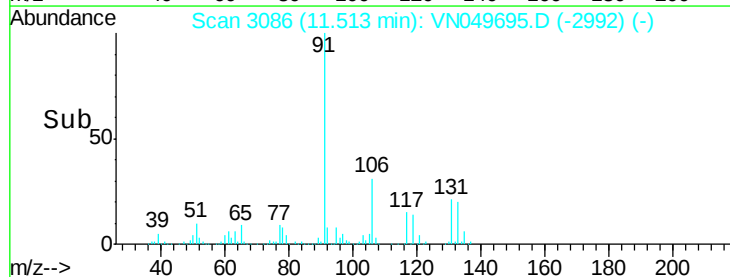
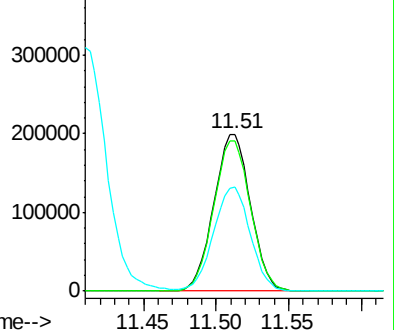
119 66.8 33.1 99.3

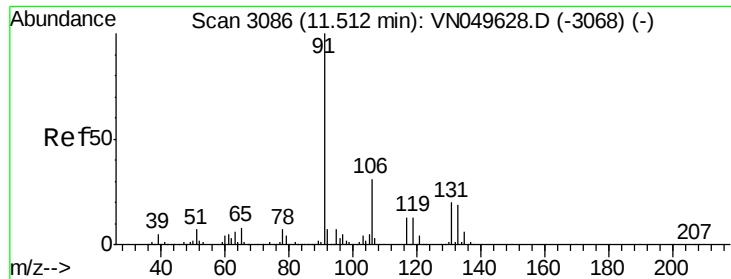


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





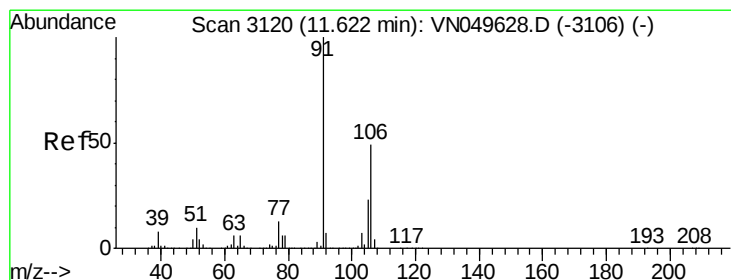
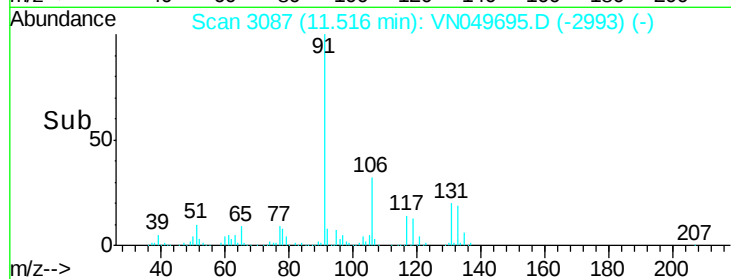
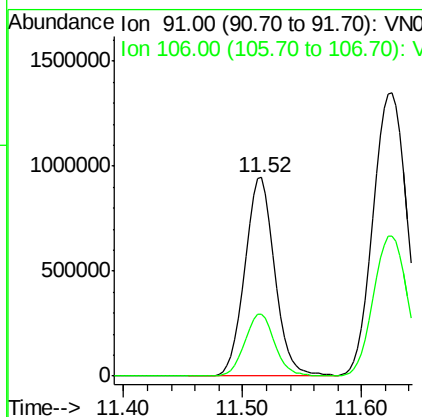
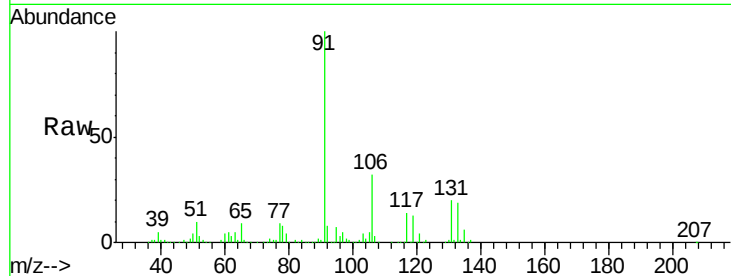
#67
Ethyl Benzene
Concen: 21.694 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Tot Ion: 91 Resp: 1650305
Ion Ratio Lower Upper
91 100
106 31.6 24.8 37.2

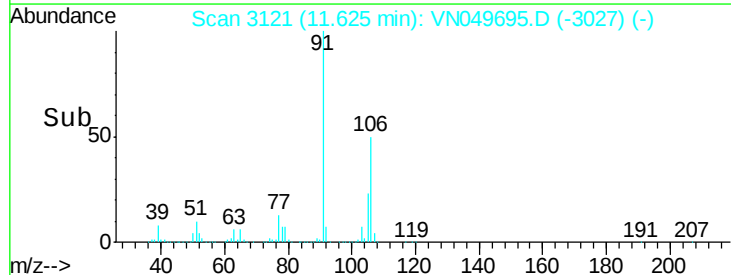
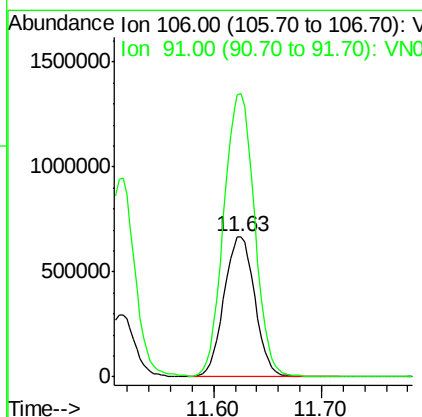
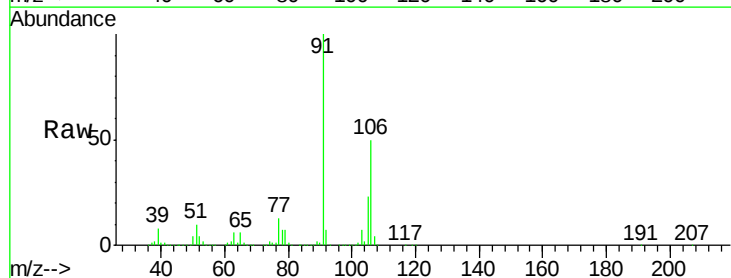
Manual Integrations
APPROVED

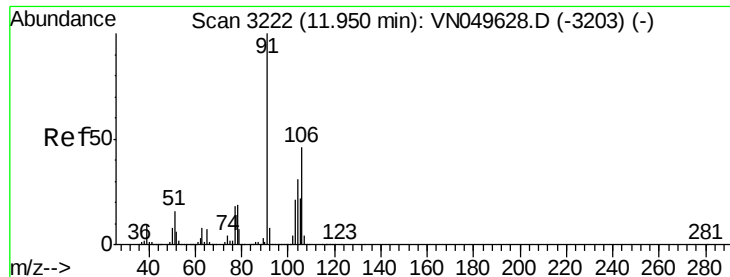
sam
7/5/2018 2:26:54 PM



#68
m/p-Xylenes
Concen: 45.684 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion: 106 Resp: 1331837
Ion Ratio Lower Upper
106 100
91 201.8 163.4 245.2





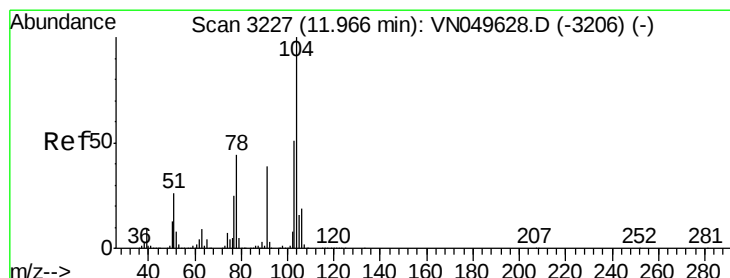
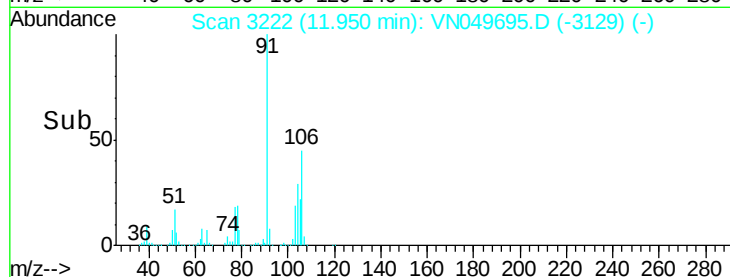
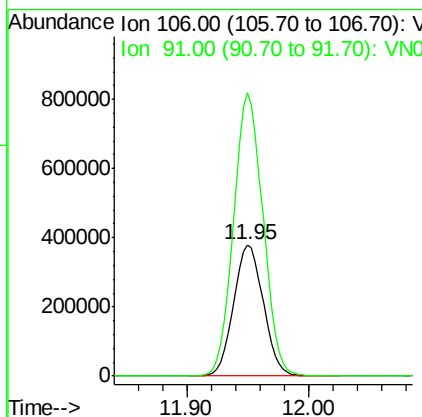
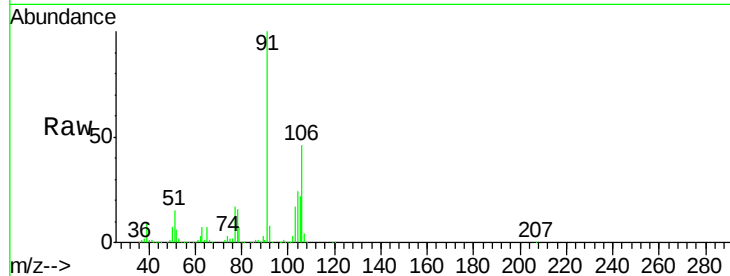
#69
o-Xylene
Concen: 22.984 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Instrument :
MSVOA_N
ClientSampled :
VN0703WBSD01

Tot Ion:106 Resp: 641518
Ion Ratio Lower Upper
106 100
91 213.4 108.7 326.1

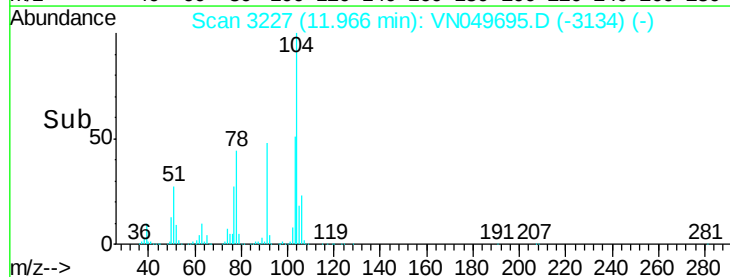
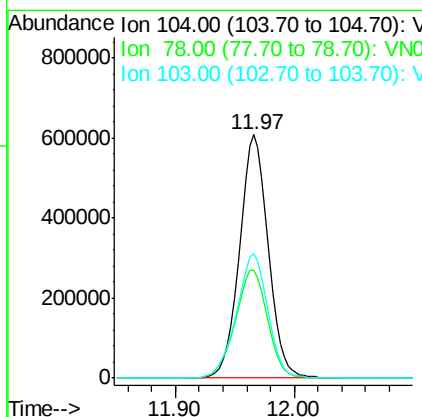
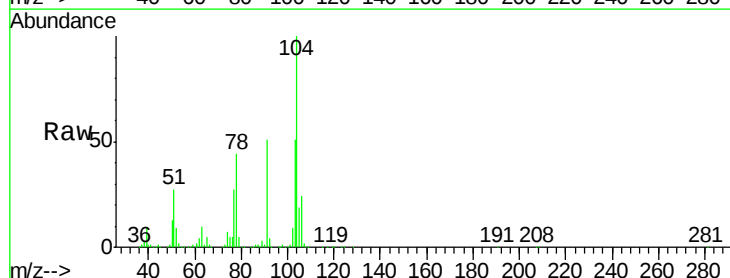
Manual Integrations
APPROVED

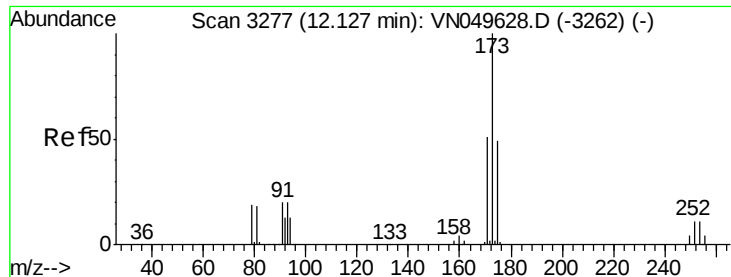
sam
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#70
Styrene
Concen: 22.478 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion:104 Resp: 1015150
Ion Ratio Lower Upper
104 100
78 50.2 39.2 58.8
103 56.0 44.6 67.0





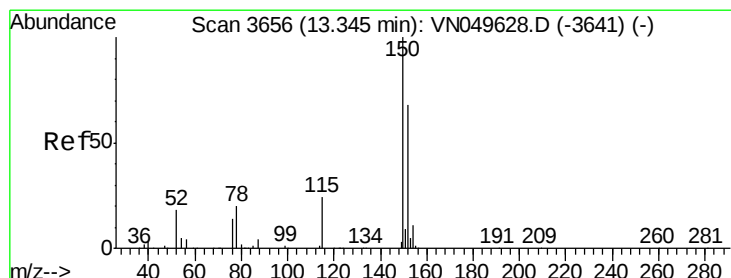
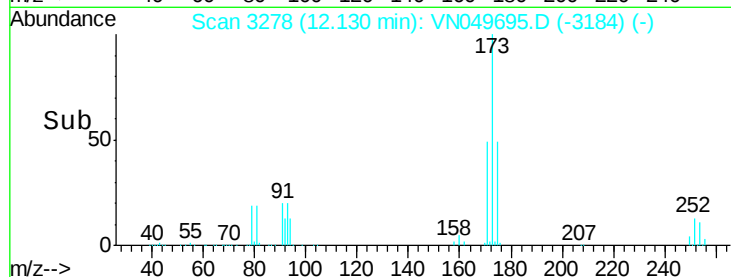
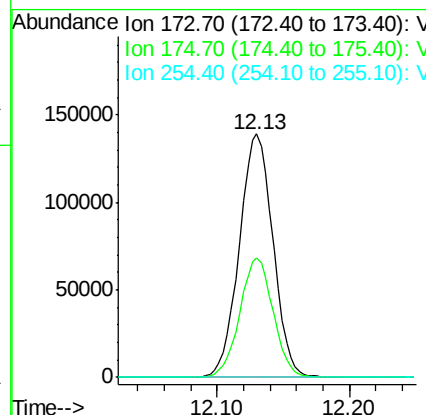
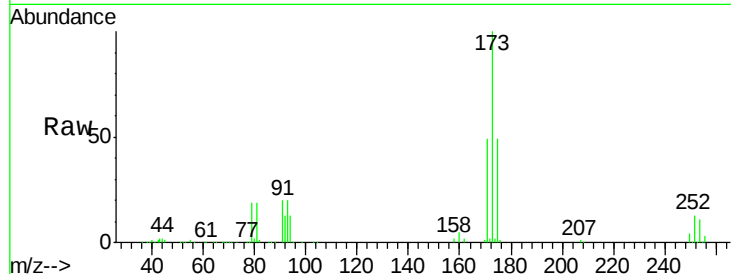
#71
Bromoform
Concen: 22.333 ug/l
RT: 12.13 min Scan# 3278
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Instrument :
MSVOA_N
ClientSampled :
VN0703WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
173	100				
175	48.6	24.6	73.8		
254	0.1	0.2	0.2#		

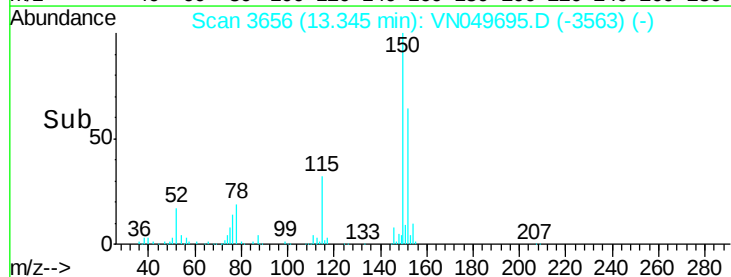
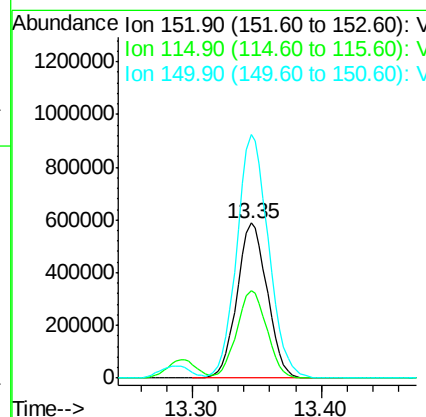
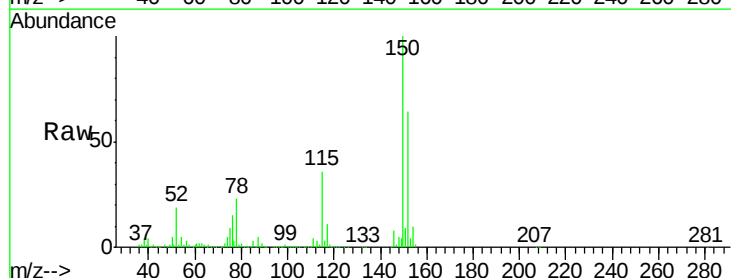
Manual Integrations
APPROVED

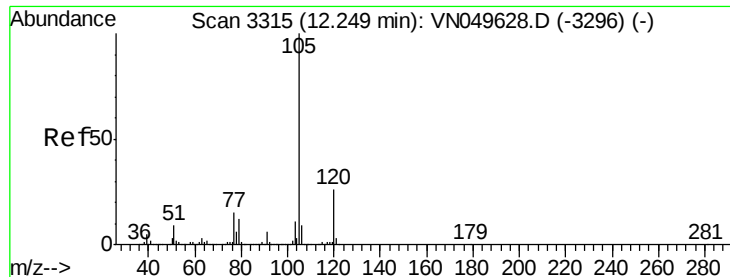
sam
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
115	56.0	28.1	84.2		
150	165.0	0.0	347.6		





#73

Isopropylbenzene

Concen: 21.958 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01

Tot Ion:105 Resp: 1671421

Ion Ratio Lower Upper

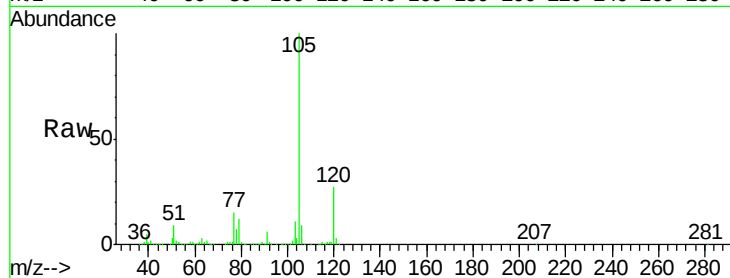
105 100

120 26.5 13.3 39.8

Manual Integrations
APPROVED

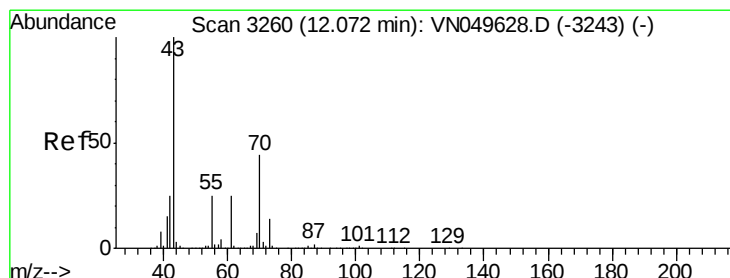
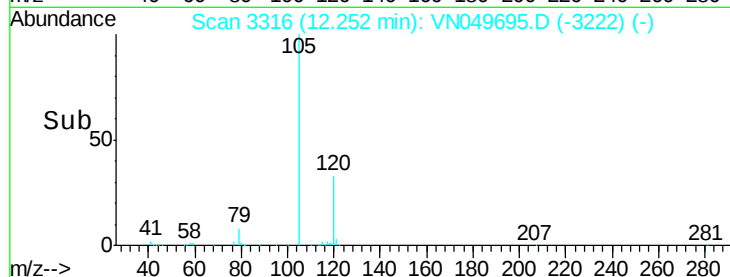
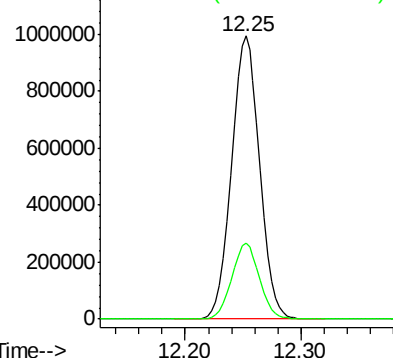
sam

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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: 25.127 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Tgt Ion: 43 Resp: 522442

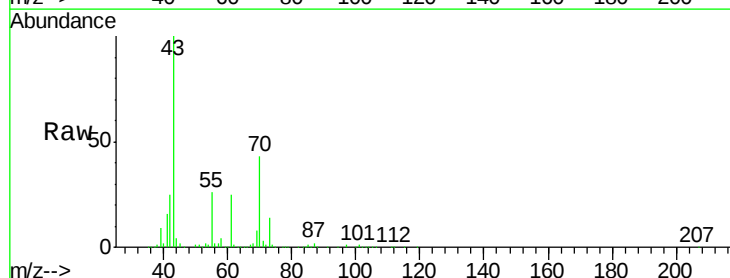
Ion Ratio Lower Upper

43 100

70 42.1 34.8 52.2

55 25.8 20.9 31.3

61 25.0 19.9 29.9

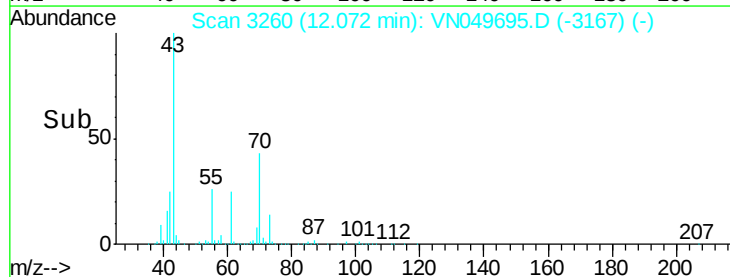
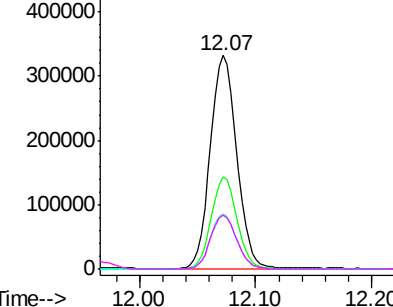


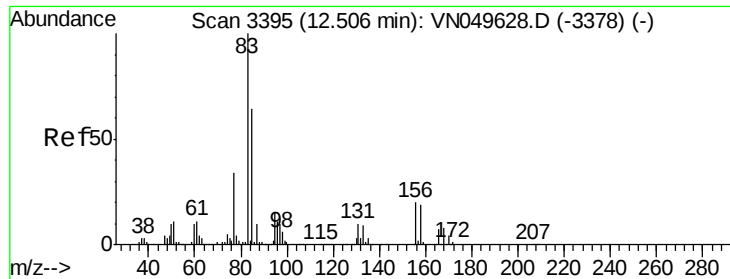
Abundance Ion 43.00 (42.70 to 43.70): V

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: 27.256 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Instrument :

MSVOA_N

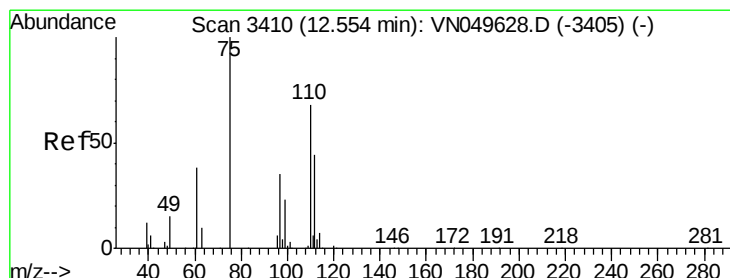
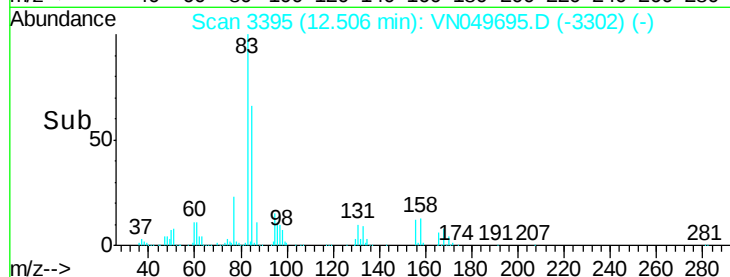
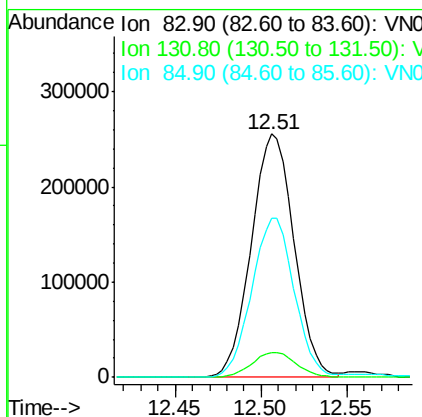
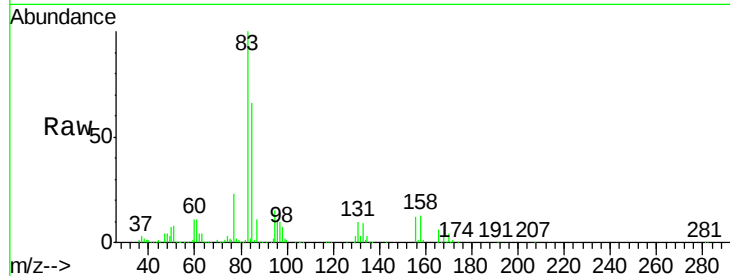
ClientSampled :

VN0703WBSD01

Tot Ion:	83	Resp:	440911
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.2	15.6
85	64.8	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 26.111 ug/l m

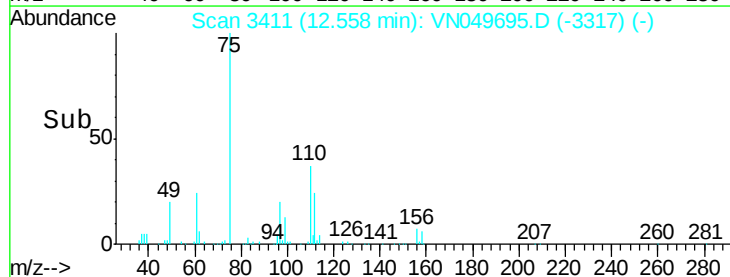
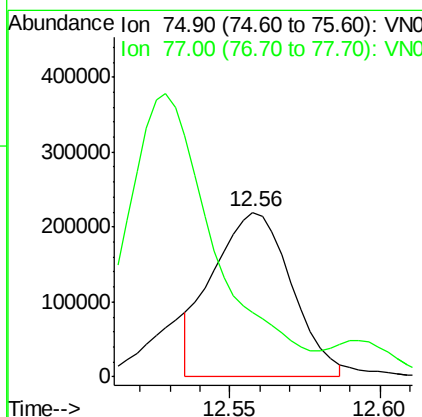
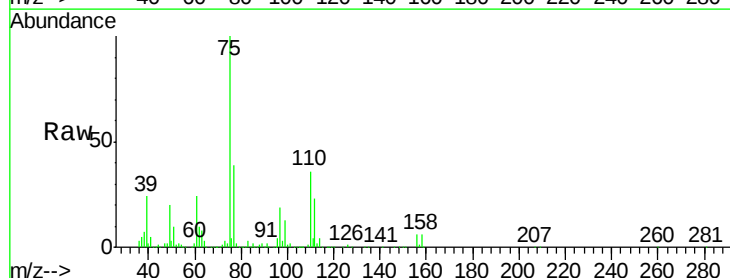
RT: 12.56 min Scan# 3411

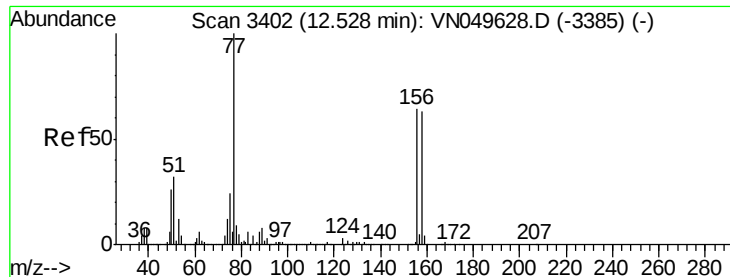
Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Tgt Ion:	75	Resp:	400177
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.696 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Instrument :

MSVOA_N

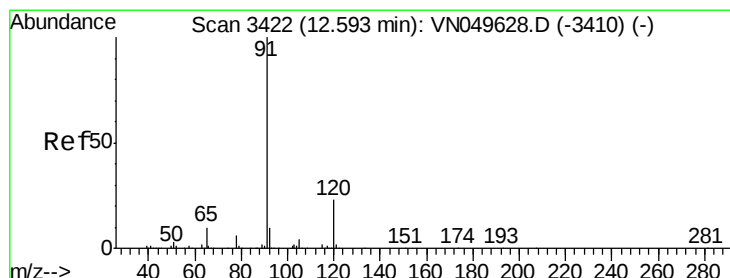
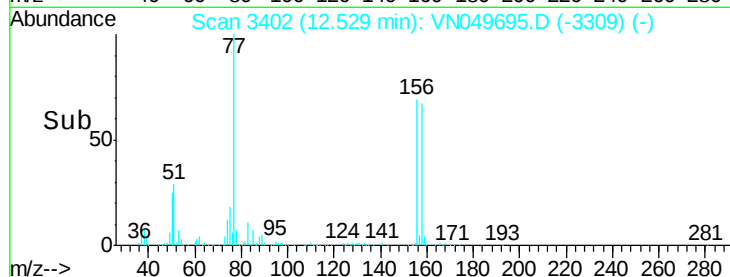
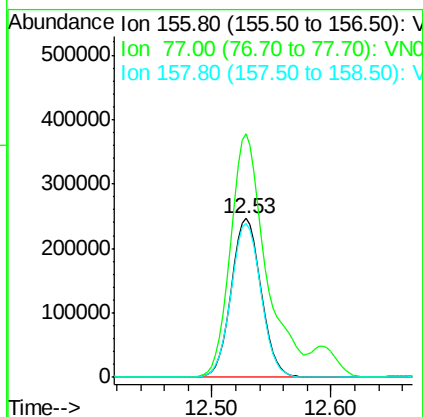
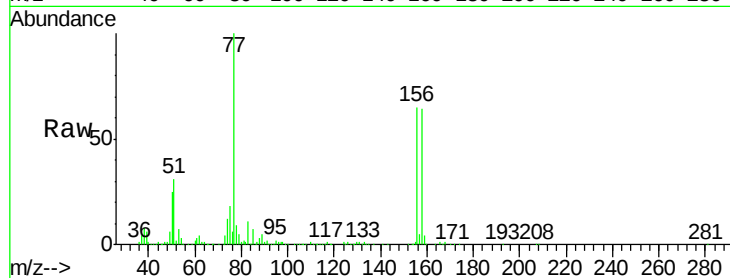
ClientSampled :

VN0703WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	180.7	90.2	270.6
158	97.5	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 22.197 ug/l

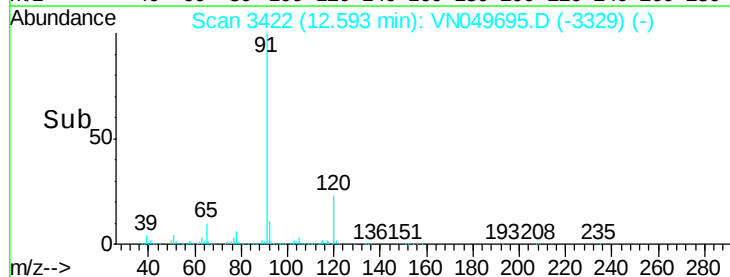
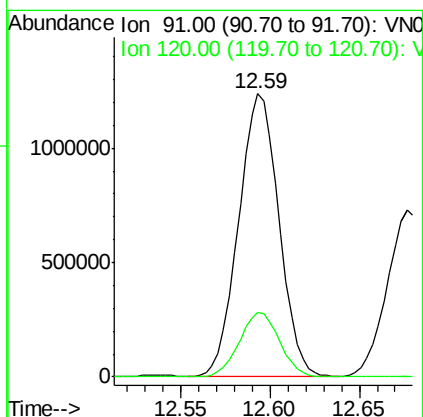
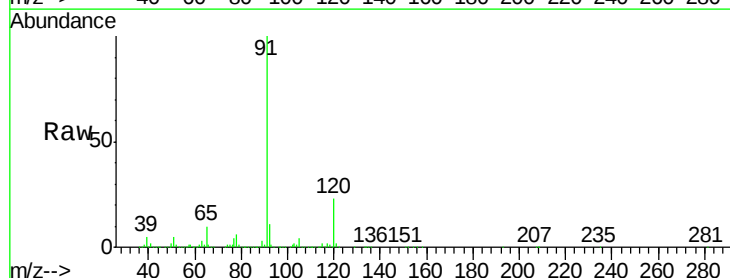
RT: 12.59 min Scan# 3422

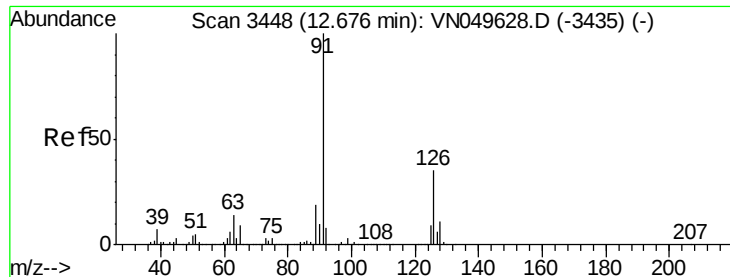
Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.5	34.4





#79

2-Chlorotoluene

Concen: 21.680 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01

Tot Ion: 91 Resp: 1197018

Ion Ratio Lower Upper

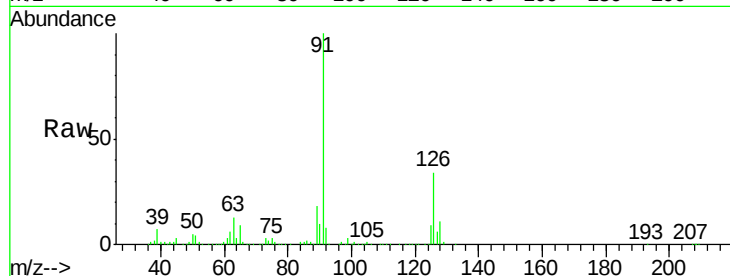
91 100

126 34.6 17.5 52.5

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN049628.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN049628.D (-3435) (-)

1000000

800000

600000

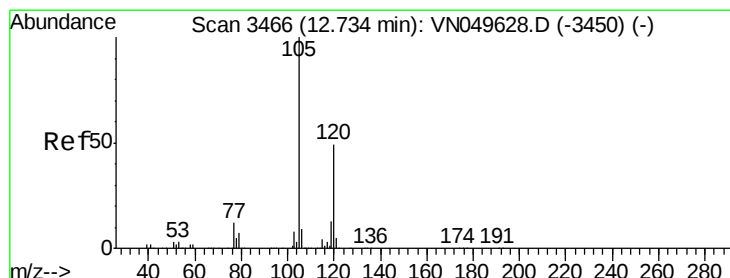
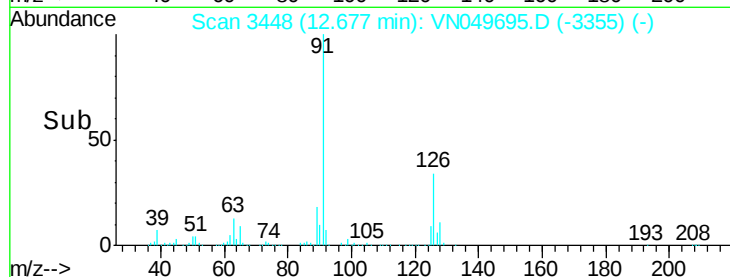
400000

200000

0

12.65 12.68 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 23.117 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049695.D

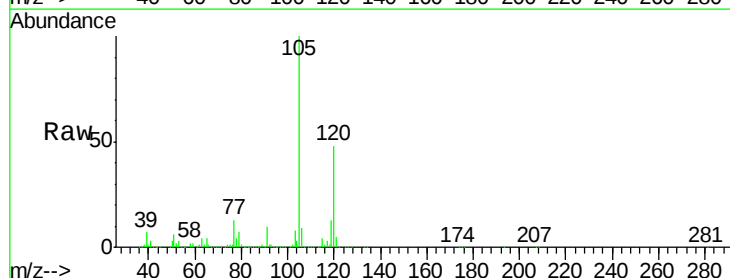
Acq: 3 Jul 2018 15:55

Tgt Ion:105 Resp: 1462246

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049628.D (-3450) (-)

Ion 120.00 (119.70 to 120.70): VN049628.D (-3450) (-)

1000000

800000

600000

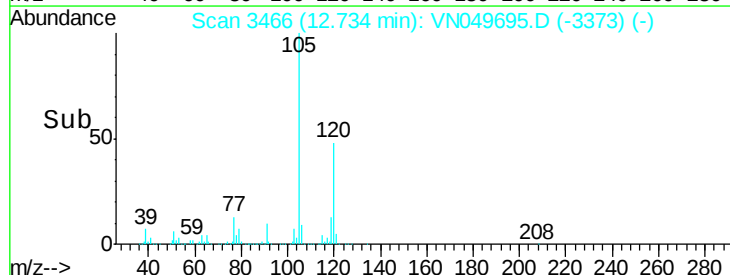
400000

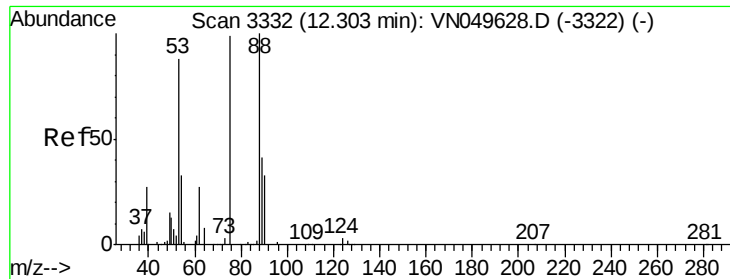
200000

0

12.65 12.70 12.73 12.75 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 9.766 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampled :

VN0703WBSD01

Tot Ion: 75 Resp: 44068

Ion Ratio Lower Upper

75 100

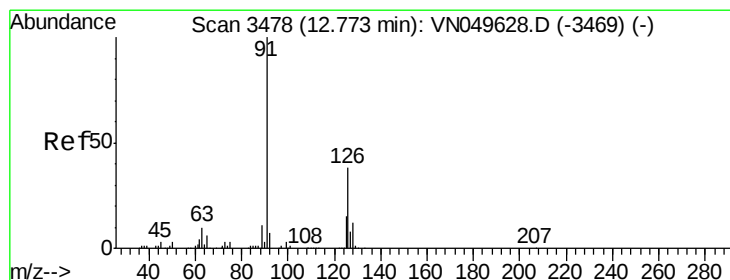
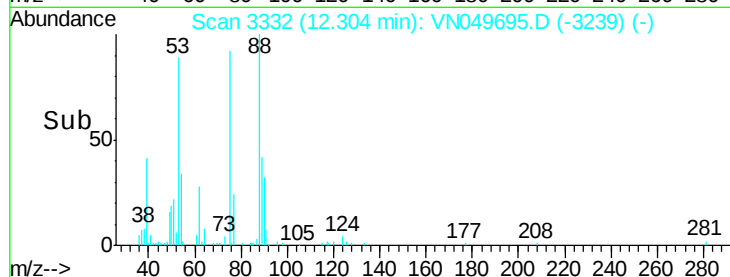
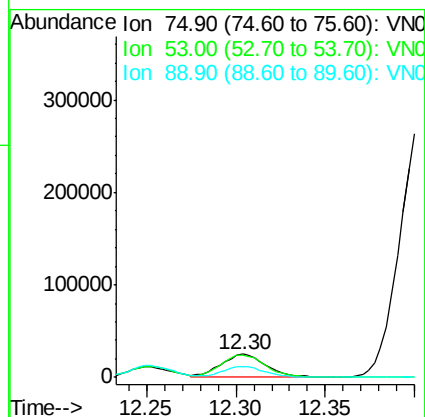
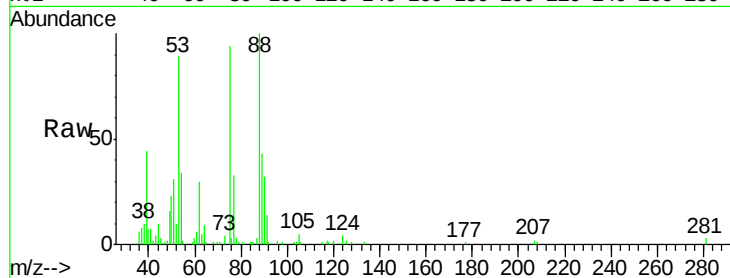
53 95.8 73.9 110.9

89 44.0 35.9 53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.479 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049695.D

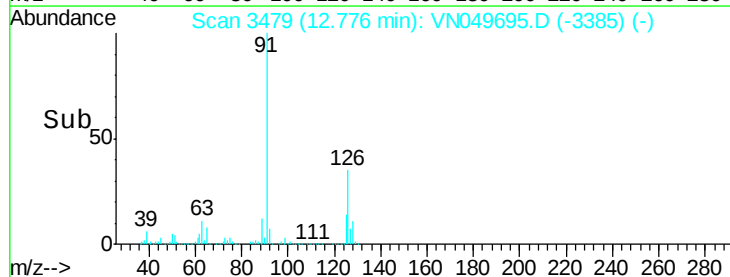
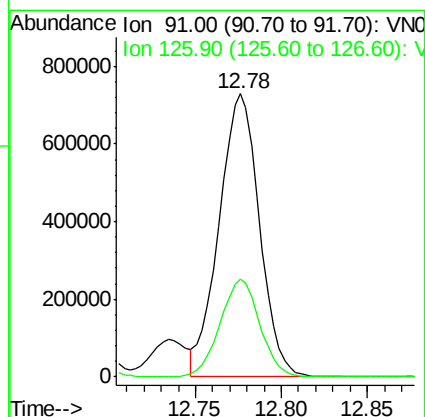
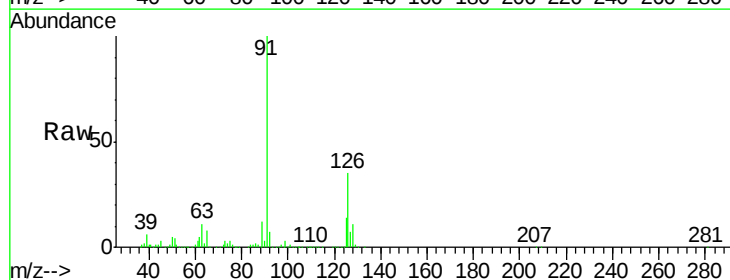
Acq: 3 Jul 2018 15:55

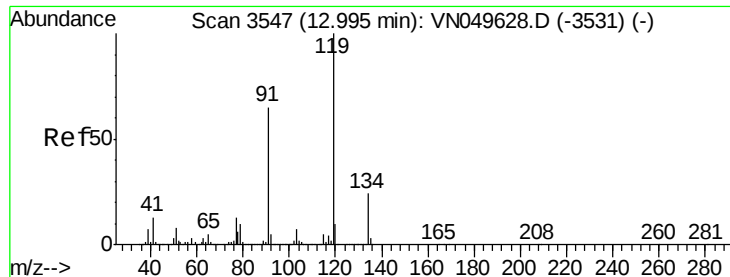
Tgt Ion: 91 Resp: 1192376

Ion Ratio Lower Upper

91 100

126 34.1 17.2 51.6





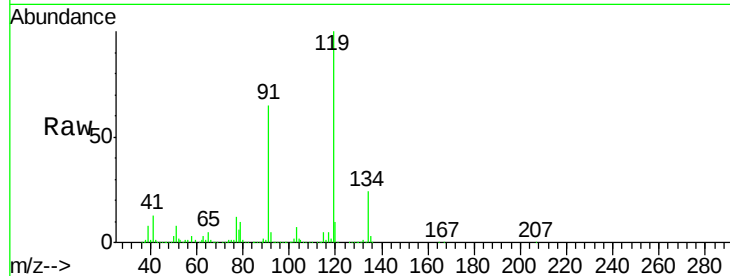
#83
 tert-Butylbenzene
 Concen: 22.278 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Instrument :
 MSVOA_N
 ClientSampled :
 VN0703WBSD01

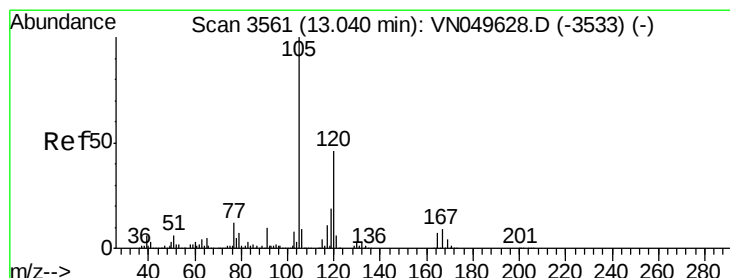
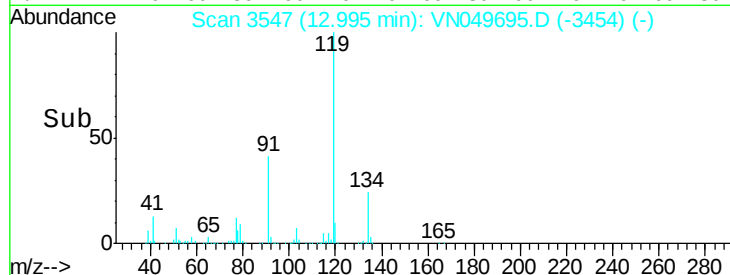
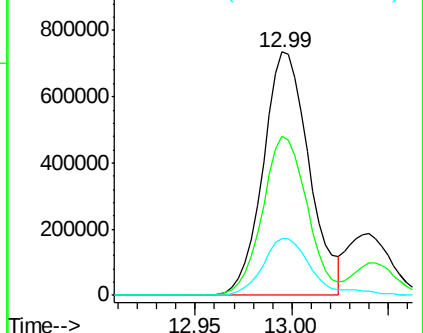
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	32.0	96.2
134	25.0	12.8	38.4

Manual Integrations
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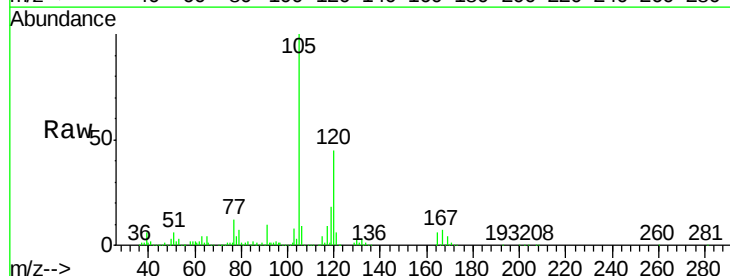


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

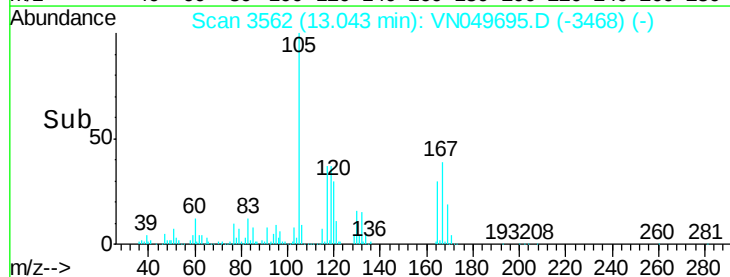
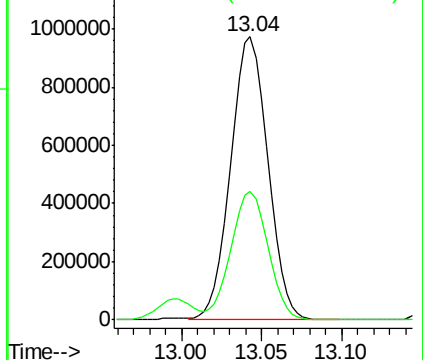


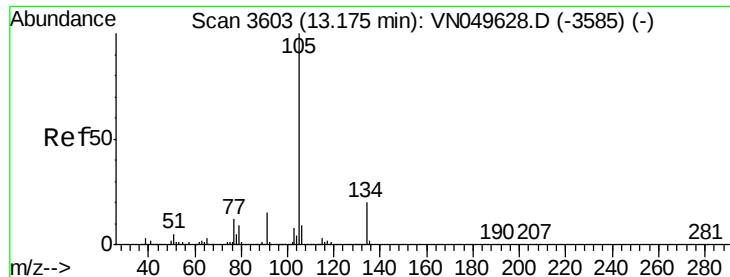
#84
 1,2,4-Trimethylbenzene
 Concen: 23.683 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.564 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Instrument :

MSVOA_N

ClientSampled :

VN0703WBSD01

Tot Ion:105 Resp: 1624444

Ion Ratio Lower Upper

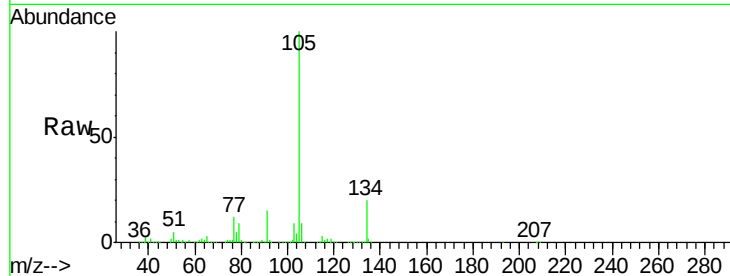
105 100

134 20.0 10.1 30.1

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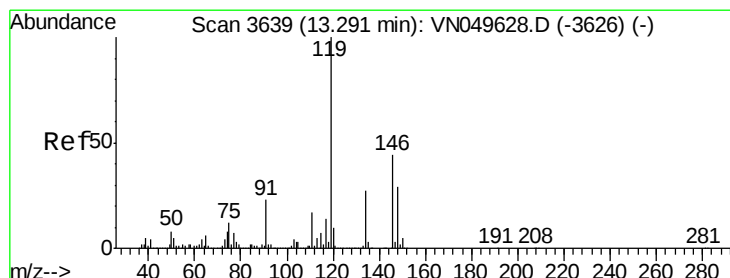
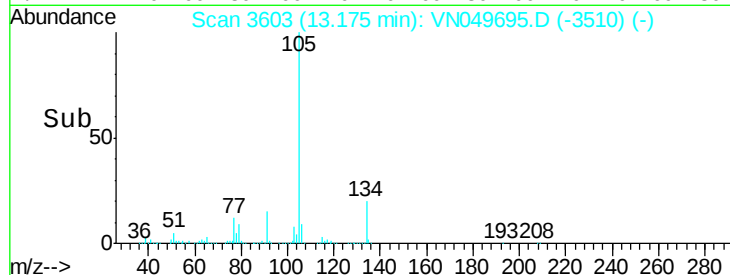
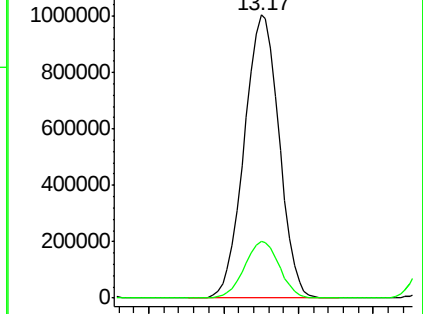
sam

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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: 23.089 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

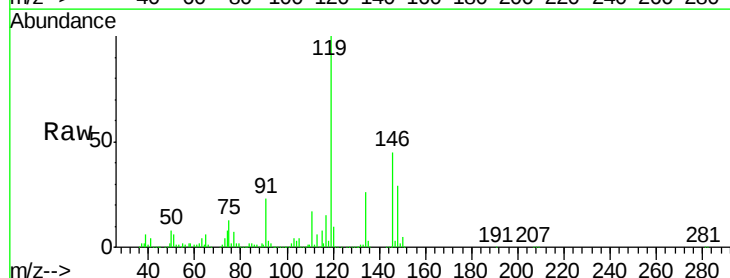
Tgt Ion:119 Resp: 1439743

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.9

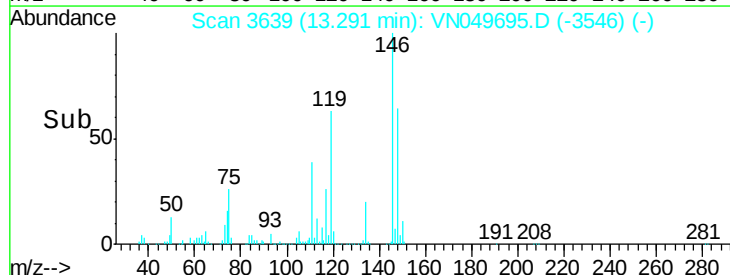
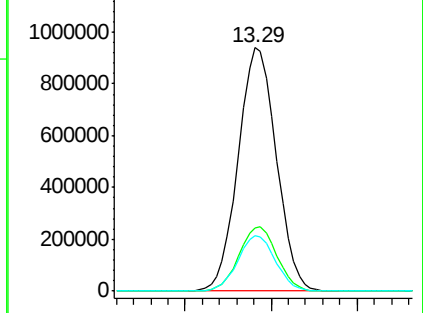
91 22.5 11.4 34.1

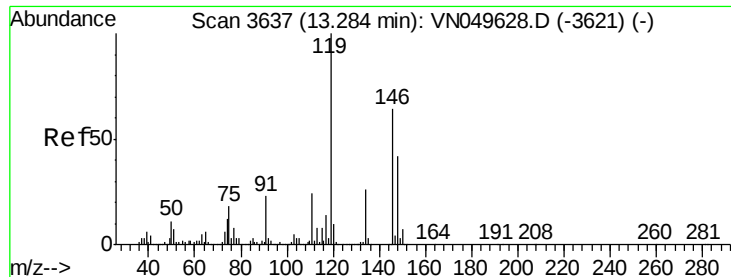


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.716 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

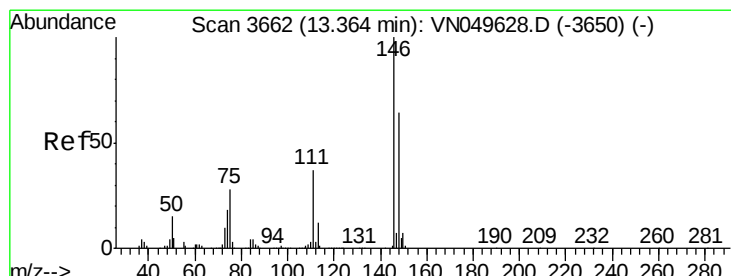
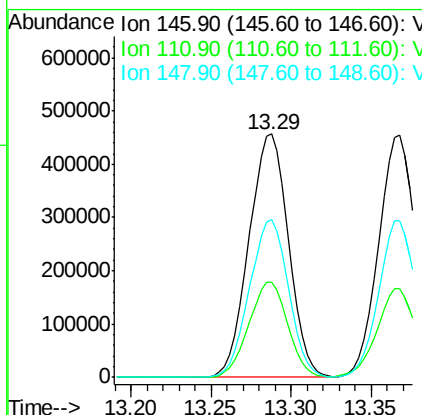
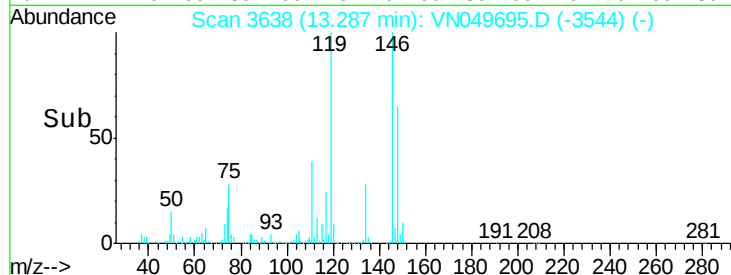
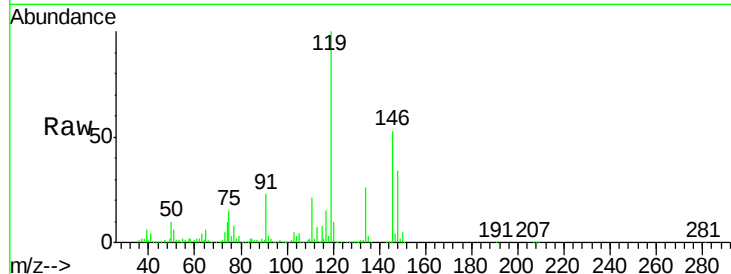
Instrument :
MSVOA_N

ClientSampled :
VN0703WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.0	57.0
148	64.0	32.5	97.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.529 ug/l

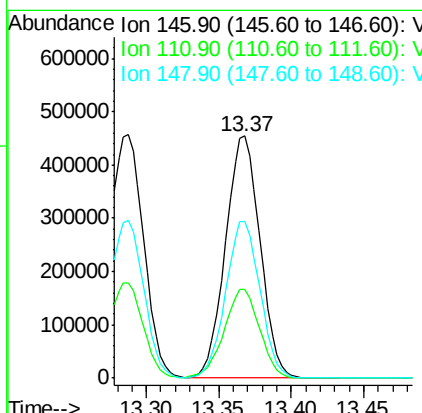
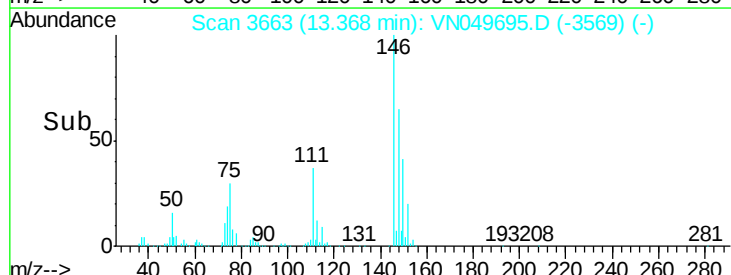
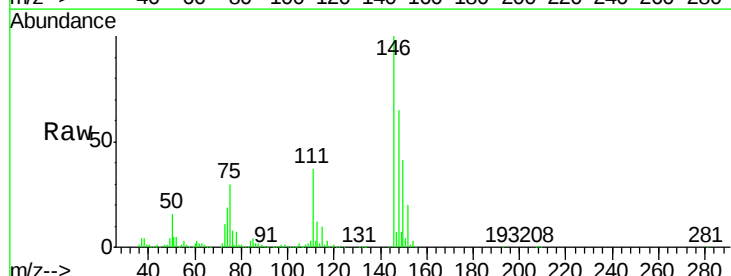
RT: 13.37 min Scan# 3663

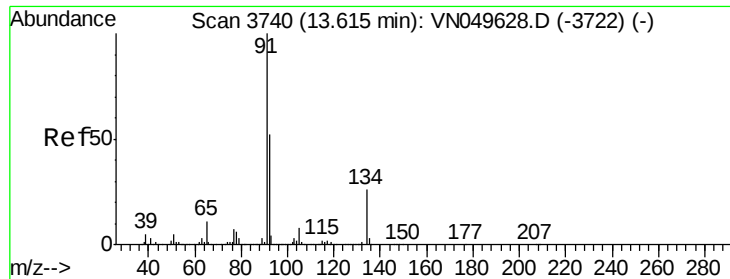
Delta R.T. 0.00 min

Lab File: VN049695.D

Acq: 3 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.5
148	64.3	32.1	96.3





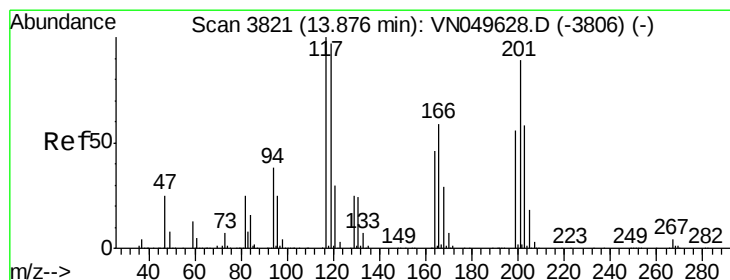
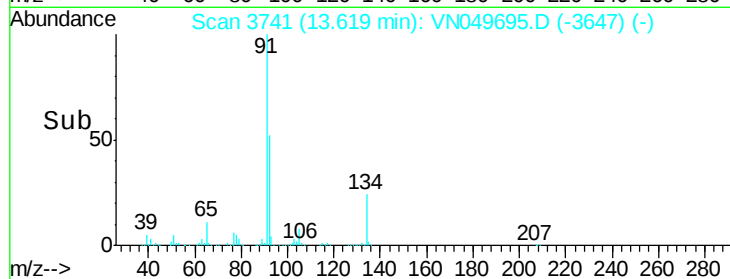
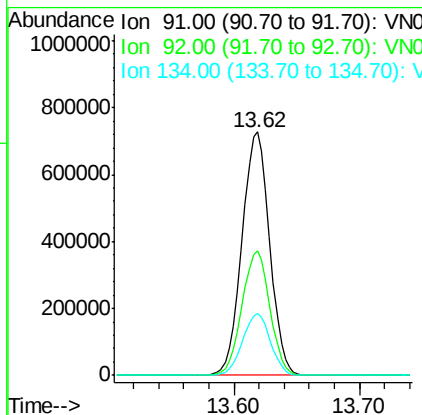
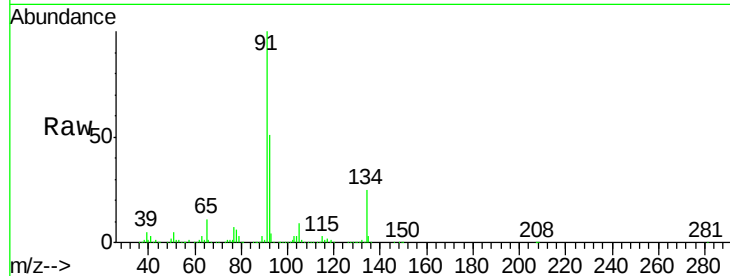
#89
n-Butylbenzene
Concen: 20.835 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Tot Ion: 91 Resp: 1112286
Ion Ratio Lower Upper
91 100
92 51.6 25.8 77.3
134 25.7 13.0 38.9

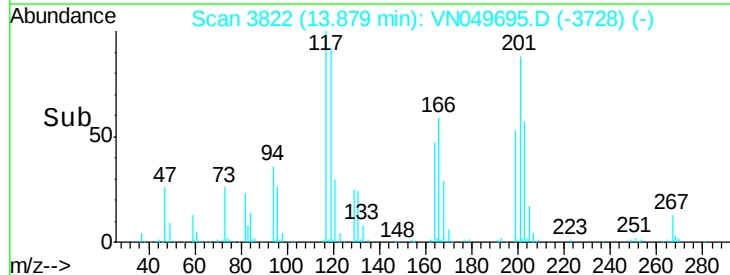
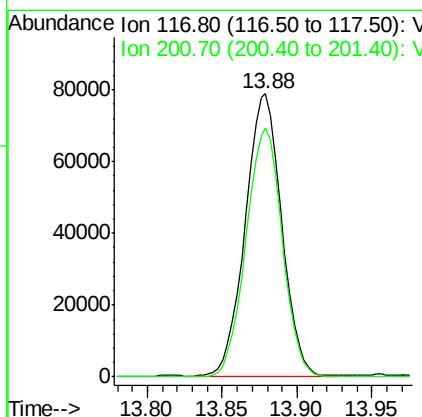
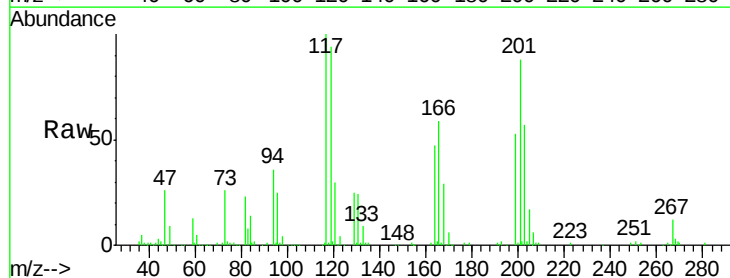
Manual Integrations
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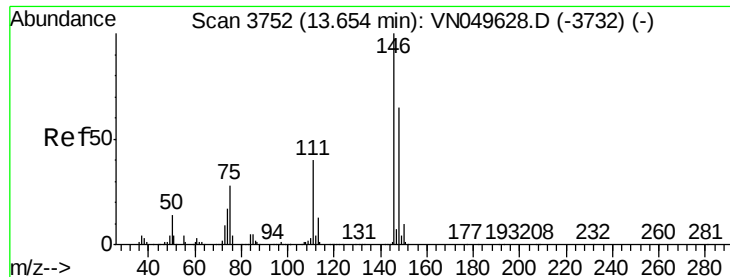
sam
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#90
Hexachloroethane
Concen: 20.219 ug/l
RT: 13.88 min Scan# 3822
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion: 117 Resp: 132433
Ion Ratio Lower Upper
117 100
201 87.9 45.3 135.8





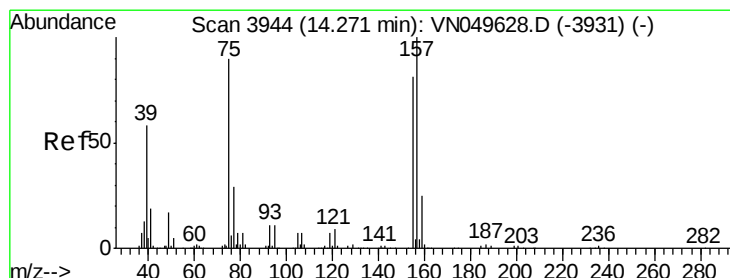
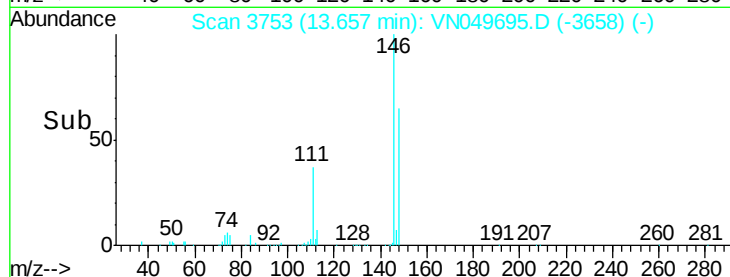
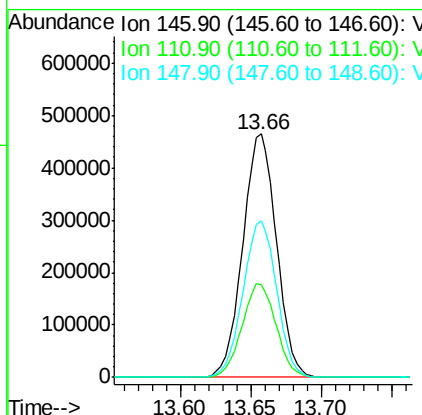
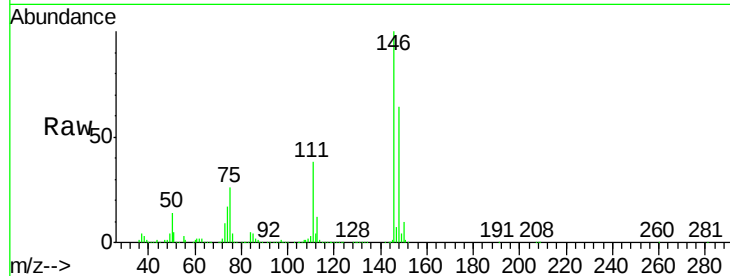
#91
 1,2-Dichlorobenzene
 Concen: 22.500 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.7	59.1
148	64.3	32.0	96.2

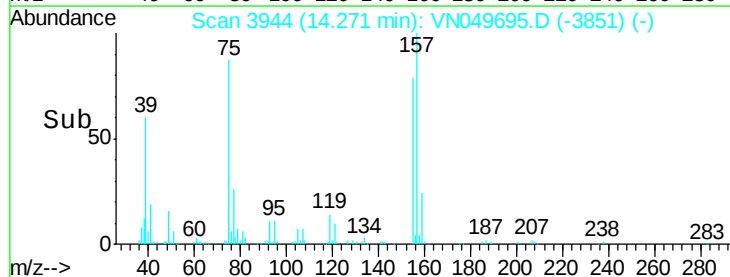
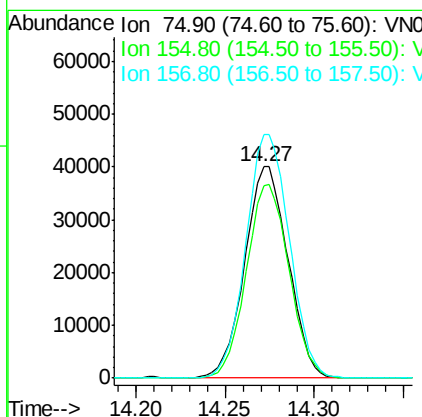
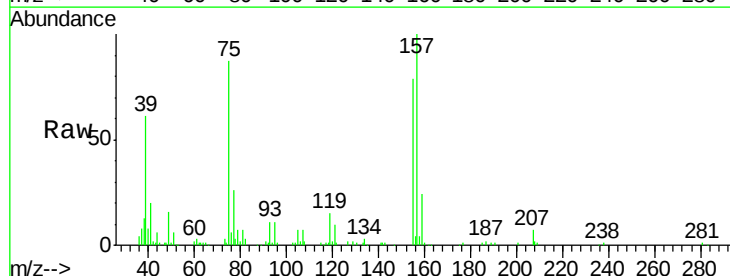
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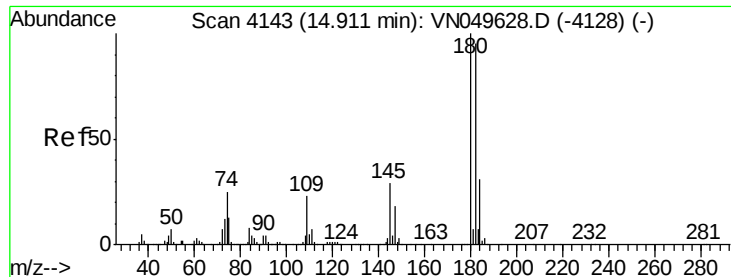
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 25.170 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.2	45.7	137.1
157	115.5	56.9	170.7





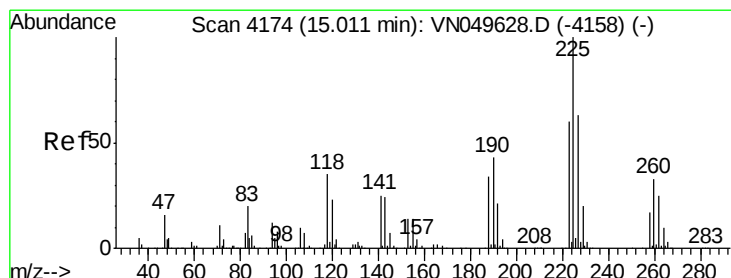
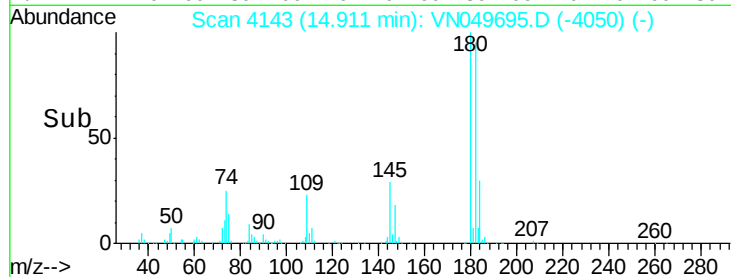
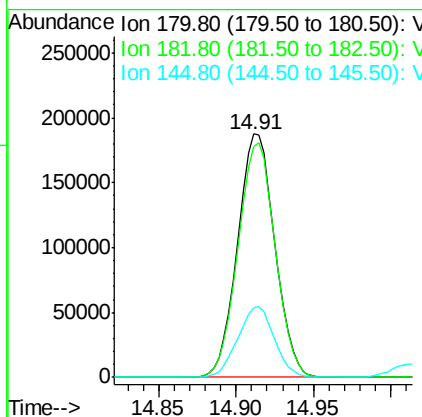
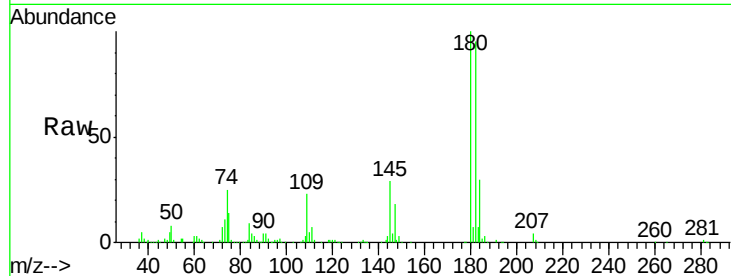
#93
 1,2,4-Trichlorobenzene
 Concen: 19.352 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.4	47.3	141.9	
145	28.7	14.4	43.0	

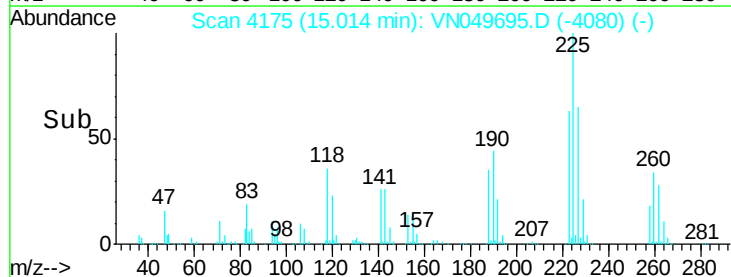
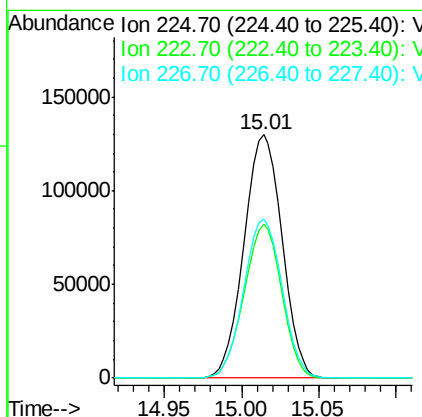
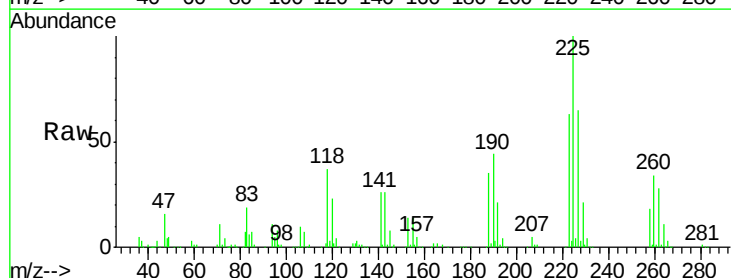
Manual Integrations
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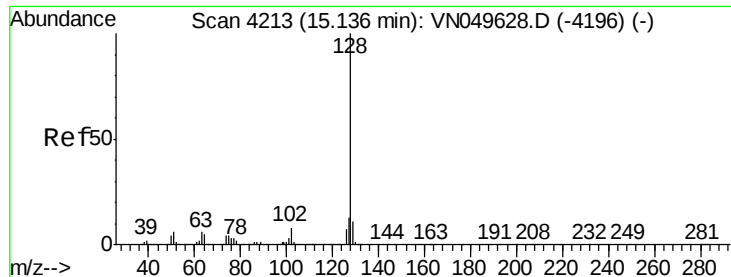
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#94
 Hexachlorobutadiene
 Concen: 20.692 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049695.D
 Acq: 3 Jul 2018 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	30.9	92.7	
227	65.7	31.8	95.4	





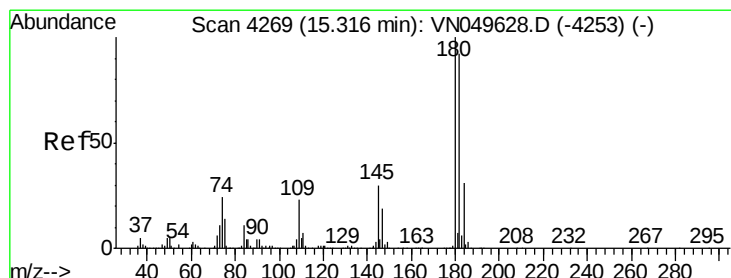
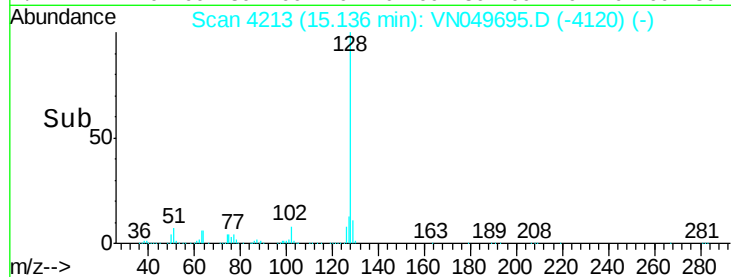
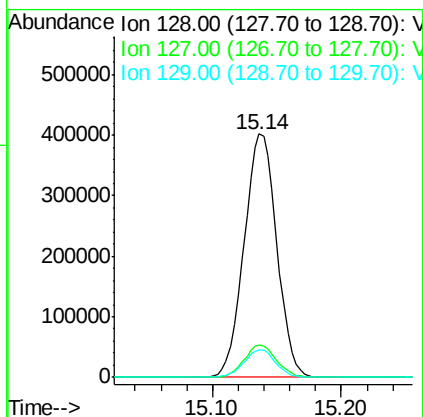
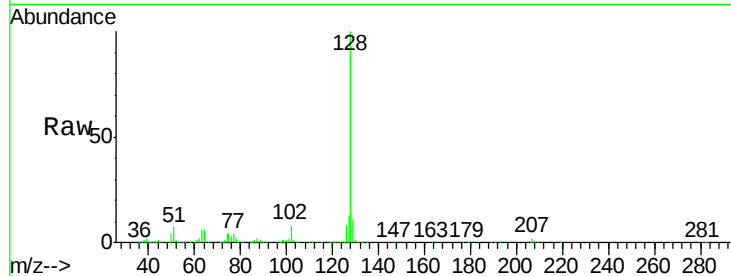
#95
Naphthalene
Concen: 20.789 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Instrument :
MSVOA_N
ClientSampled :
VN0703WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.962 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049695.D
Acq: 3 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.4	142.2
145	29.7	15.2	45.6

