

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049872.D
 Acq On : 18 Jul 2018 15:01
 Operator : MD\SY
 Sample : VN0718WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Manual Integrations
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 7/19/2018 4:30:40 PM

Quant Time: Jul 19 04:11:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	641491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	947090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	868380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	446088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	447878	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	7.59	113	398681	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	10.09	98	1470522	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.40	95	497792	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	119234	19.51	ug/l	98
3) Chloromethane	2.06	50	160002	18.27	ug/l	97
4) Vinyl Chloride	2.18	62	175430	18.78	ug/l	100
5) Bromomethane	2.56	94	116242	21.16	ug/l	97
6) Chloroethane	2.70	64	111274	18.24	ug/l	99
7) Trichlorofluoromethane	3.01	101	237350	18.49	ug/l	98
8) Diethyl Ether	3.41	74	88456	19.75	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	147108	18.58	ug/l	99
10) Methyl Iodide	3.95	142	181812	17.12	ug/l	99
11) Tert butyl alcohol	4.80	59	63814	101.59	ug/l	99
12) 1,1-Dichloroethene	3.73	96	130477	18.76	ug/l	100
13) Acrolein	3.61	56	42703	105.50	ug/l	98
14) Allyl chloride	4.32	41	214290	19.55	ug/l	99
15) Acrylonitrile	5.00	53	279900	101.32	ug/l	99
16) Acetone	3.82	43	232745	101.96	ug/l	99
17) Carbon Disulfide	4.05	76	372737	17.91	ug/l	99
18) Methyl Acetate	4.33	43	153807	20.96	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	388913	20.32	ug/l	98
20) Methylene Chloride	4.55	84	157805	18.18	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	141115	19.11	ug/l	98
22) Diisopropyl ether	5.96	45	465822	20.82	ug/l	98
23) Vinyl Acetate	5.90	43	1607417	102.40	ug/l	100
24) 1,1-Dichloroethane	5.85	63	277742	19.34	ug/l	100
25) 2-Butanone	6.84	43	342595	105.01	ug/l	98
26) 2,2-Dichloropropane	6.82	77	230848	20.66	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	162743	20.08	ug/l	99
28) Bromochloromethane	7.19	49	131788	20.32	ug/l	98
29) Tetrahydrofuran	7.22	42	220624	107.35	ug/l	99
30) Chloroform	7.37	83	283619	19.24	ug/l	99
31) Cyclohexane	7.65	56	228496	19.55	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	244503	19.19	ug/l	100
36) 1,1-Dichloropropene	7.79	75	204946	19.46	ug/l	99
37) Ethyl Acetate	6.93	43	147784	20.44	ug/l	100
38) Carbon Tetrachloride	7.77	117	210116	18.63	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	208675	19.18	ug/l	99
40) Benzene	8.04	78	632213	19.70	ug/l	99
41) Methacrylonitrile	7.18	41	68508	18.90	ug/l #	88
42) 1,2-Dichloroethane	8.13	62	209640	19.72	ug/l	100
43) Isopropyl Acetate	8.17	43	265516	21.02	ug/l	98
44) Trichloroethene	8.84	130	163341	19.41	ug/l	100
45) 1,2-Dichloropropane	9.12	63	165865	19.16	ug/l	100
46) Dibromomethane	9.21	93	103947	19.36	ug/l	99
47) Bromodichloromethane	9.40	83	217541	19.59	ug/l	99
48) Methyl methacrylate	9.20	41	128542	20.28	ug/l	98
49) 1,4-Dioxane	9.20	88	38992	433.73	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	749612	106.15	ug/l	99
52) Toluene	10.16	92	388629	20.30	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	217631	19.82	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	248491	20.48	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	152460	19.28	ug/l	99
56) Ethyl methacrylate	10.43	69	187716	19.07	ug/l	99
57) 1,3-Dichloropropane	10.71	76	248540	19.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	464596	110.27	ug/l	100
59) 2-Hexanone	10.75	43	513976	108.35	ug/l	99
60) Dibromochloromethane	10.90	129	166622	19.21	ug/l	97
61) 1,2-Dibromoethane	11.01	107	150721	20.39	ug/l	98
64) Tetrachloroethene	10.63	164	148002	18.97	ug/l	99
65) Chlorobenzene	11.43	112	422764	19.38	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	162737	19.26	ug/l	99
67) Ethyl Benzene	11.51	91	706040	19.95	ug/l	100
68) m/p-Xylenes	11.62	106	550511	41.09	ug/l	99
69) o-Xylene	11.95	106	263167	20.45	ug/l	97
70) Styrene	11.96	104	433744	20.81	ug/l	100
71) Bromoform	12.13	173	120650	19.96	ug/l #	99
73) Isopropylbenzene	12.25	105	701175	20.69	ug/l	100
74) N-amyl acetate	12.07	43	216690	21.01	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	201692	19.87	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	154487m	18.46	ug/l	
77) Bromobenzene	12.53	156	186176	19.90	ug/l	98
78) n-propylbenzene	12.59	91	802924	20.84	ug/l	100
79) 2-Chlorotoluene	12.68	91	488607	20.66	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	581447	21.41	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	52861	19.75	ug/l	95
82) 4-Chlorotoluene	12.77	91	497292	20.96	ug/l	98
83) tert-Butylbenzene	12.99	119	500698	20.99	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	587275	21.35	ug/l	100
85) sec-Butylbenzene	13.17	105	665459	21.11	ug/l	99
86) p-Isopropyltoluene	13.29	119	569876	21.21	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	315660	19.36	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	312697	19.13	ug/l	99
89) n-Butylbenzene	13.62	91	448752	20.23	ug/l	100
90) Hexachloroethane	13.88	117	110786	18.37	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	318949	19.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30994	19.76	ug/l	98

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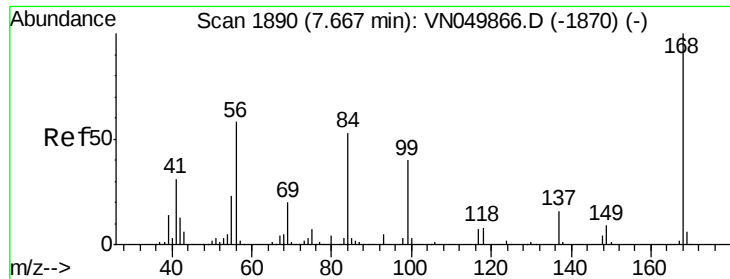
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	145338	18.78	ug/l	99
94) Hexachlorobutadiene	15.01	225	100165	19.07	ug/l	99
95) Naphthalene	15.14	128	314826	18.05	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	148882	19.36	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

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ClientSampleId :

VN0718WBS01

Tot Ion:168 Resp: 641491

Ion Ratio Lower Upper

168 100

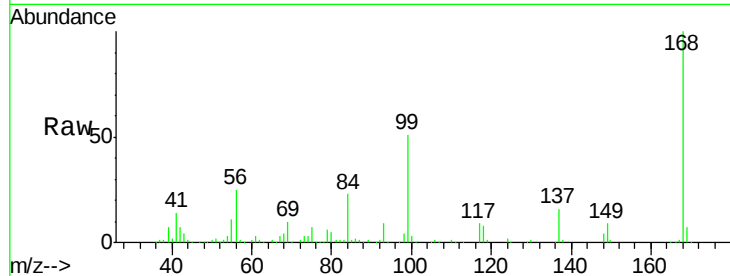
99 50.7 40.6 61.0

Manual Integrations

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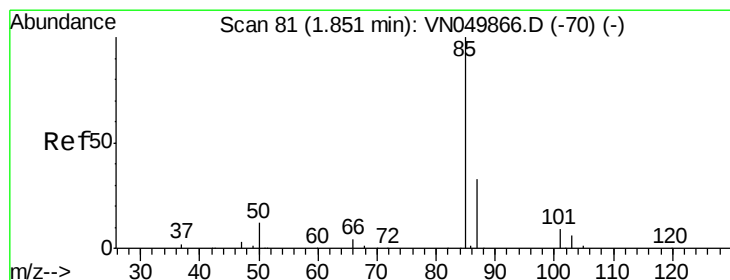
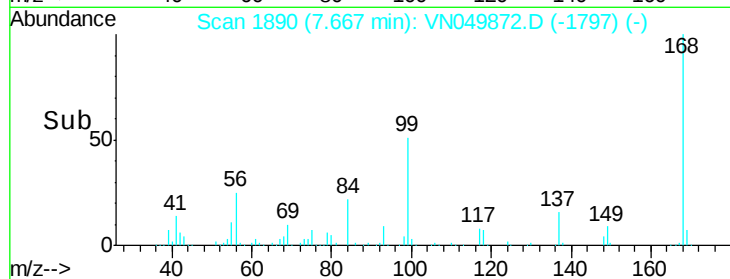
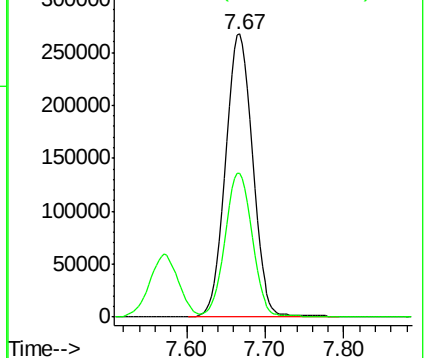
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.51 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049872.D

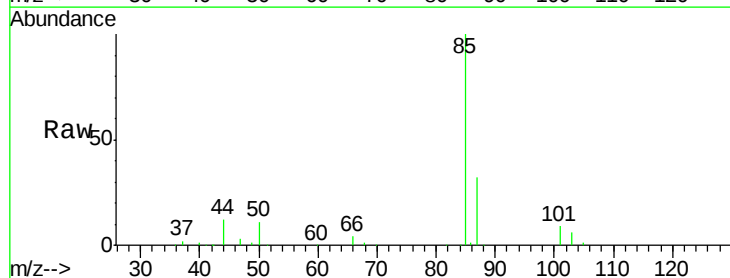
Acq: 18 Jul 2018 15:01

Tgt Ion: 85 Resp: 119234

Ion Ratio Lower Upper

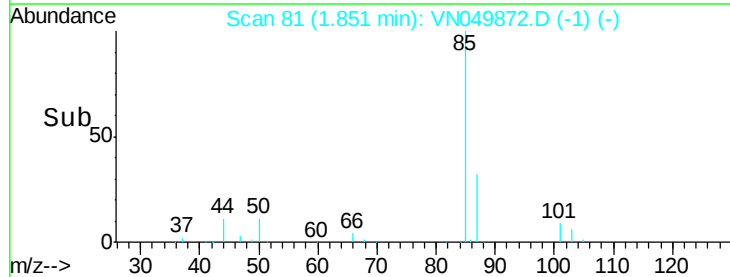
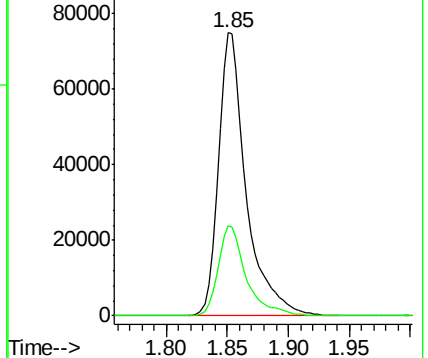
85 100

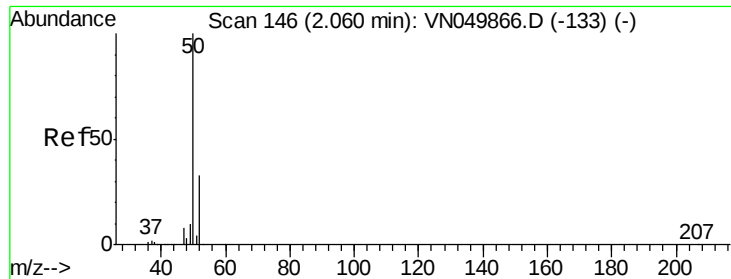
87 31.8 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 18.27 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS01

Tot Ion: 50 Resp: 160002

Ion Ratio Lower Upper

50 100

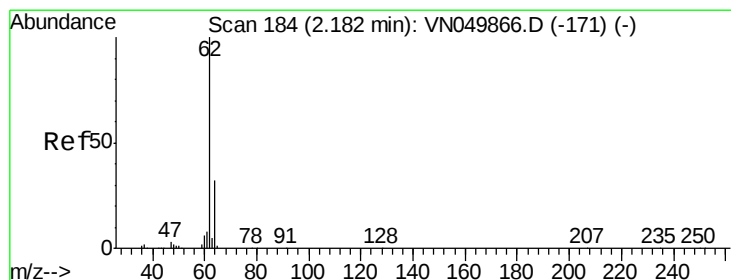
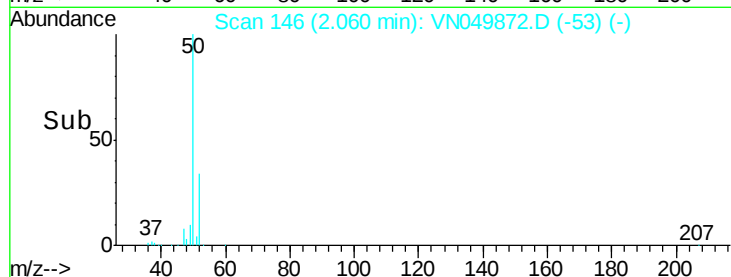
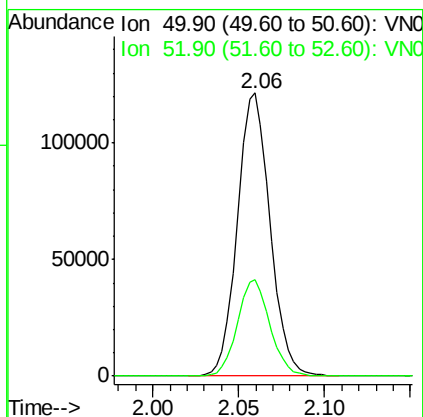
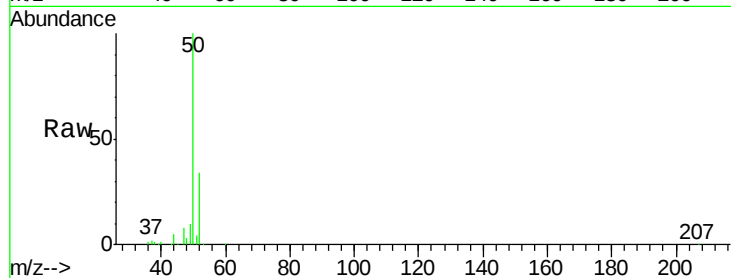
52 34.2 26.1 39.1

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#4

Vinyl Chloride

Concen: 18.78 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049872.D

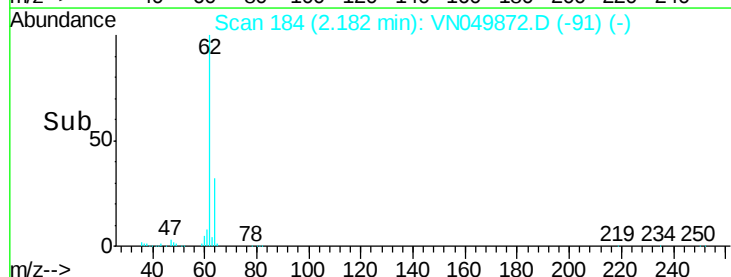
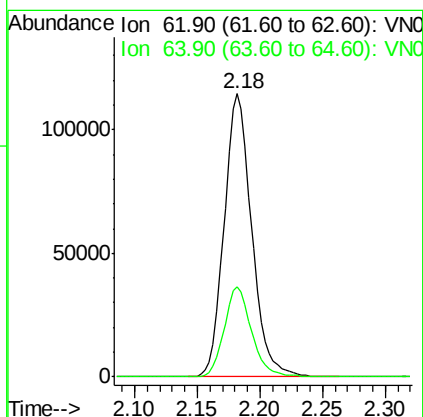
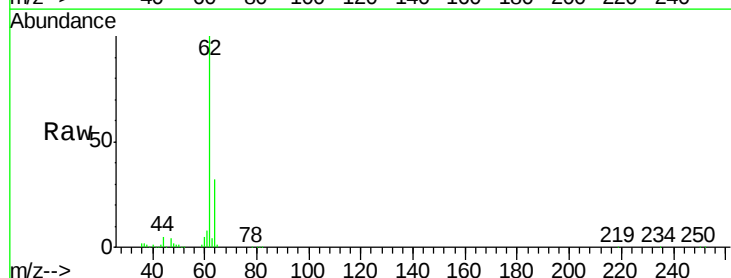
Acq: 18 Jul 2018 15:01

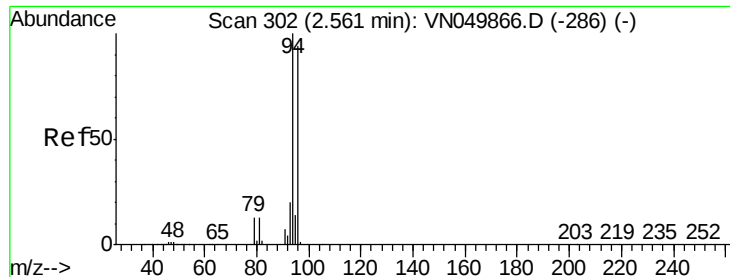
Tgt Ion: 62 Resp: 175430

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





#5

Bromomethane

Concen: 21.16 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 116242

Ion Ratio Lower Upper

94 100

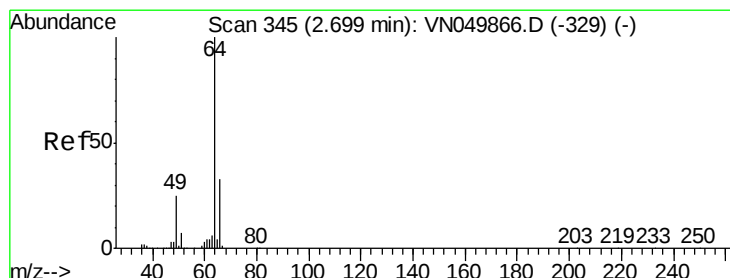
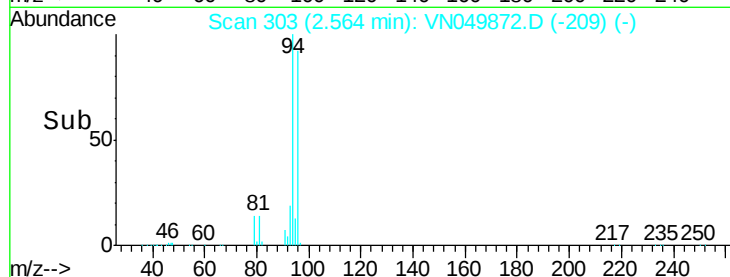
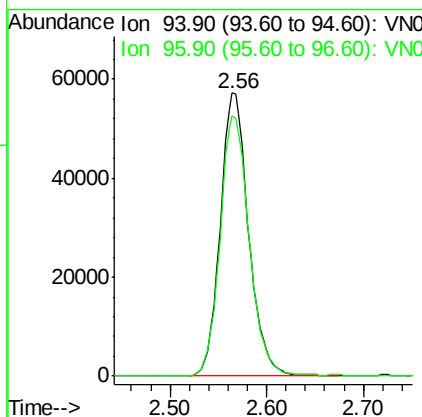
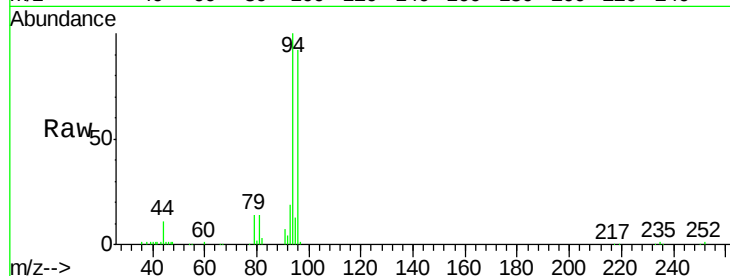
96 91.9 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 18.24 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049872.D

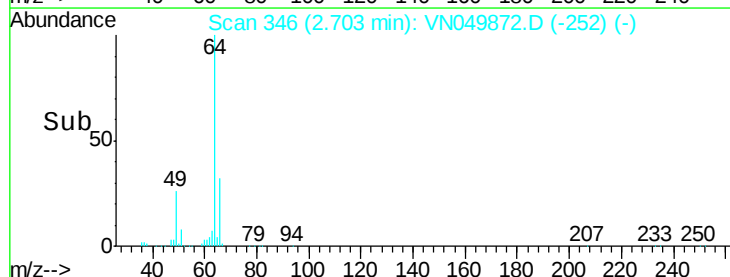
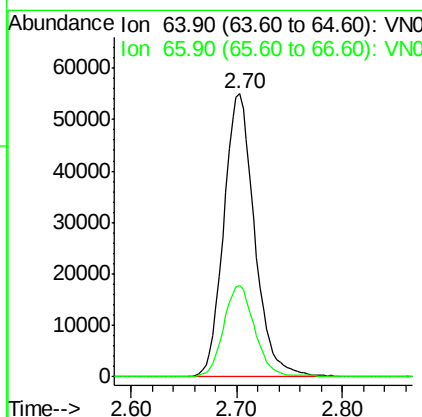
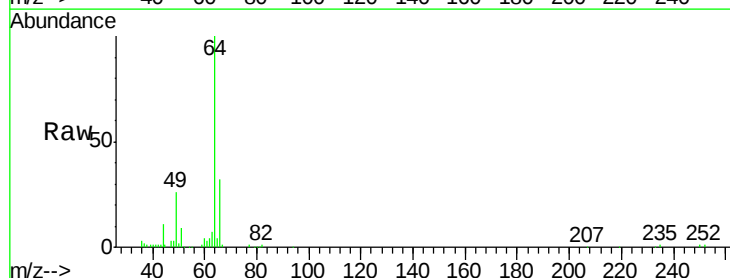
Acq: 18 Jul 2018 15:01

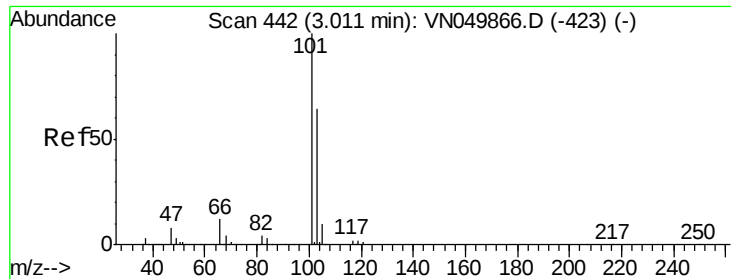
Tgt Ion: 64 Resp: 111274

Ion Ratio Lower Upper

64 100

66 32.3 25.6 38.4





#7

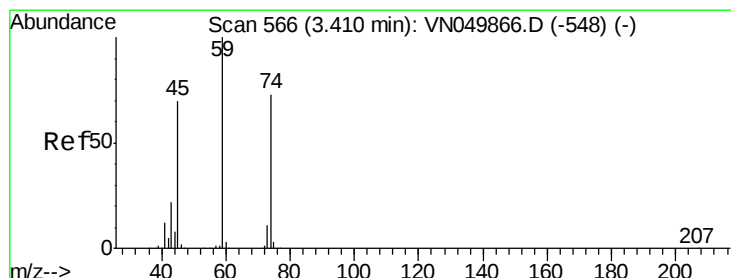
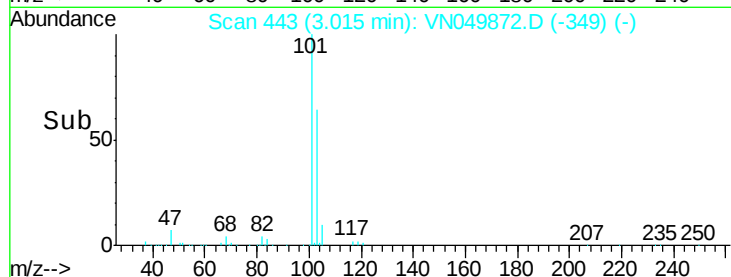
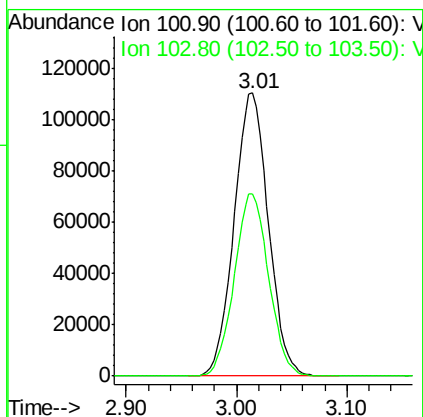
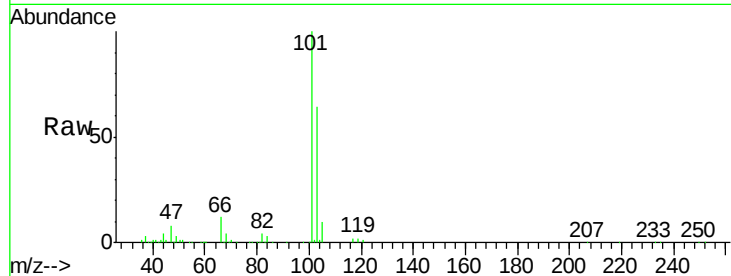
Trichlorofluoromethane
 Concen: 18.49 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		237350		
103	64.5	52.8	79.2		

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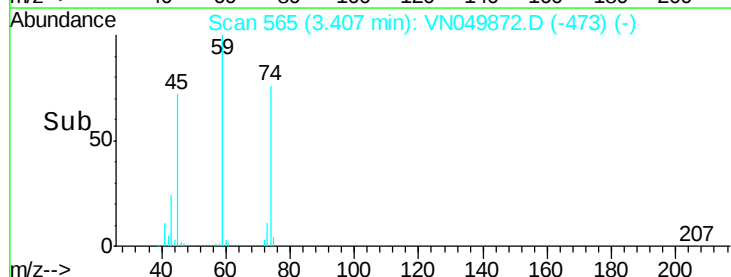
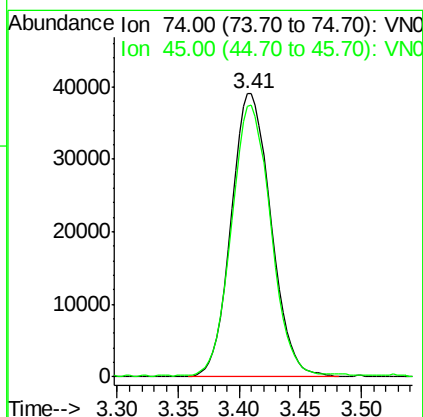
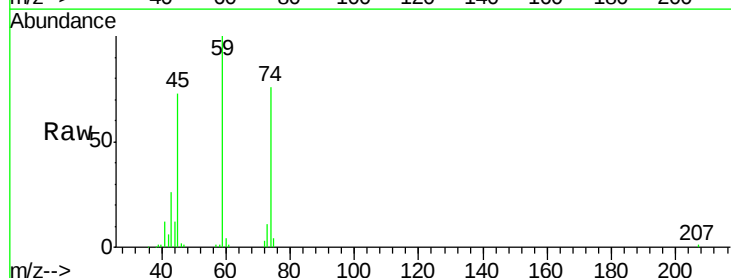
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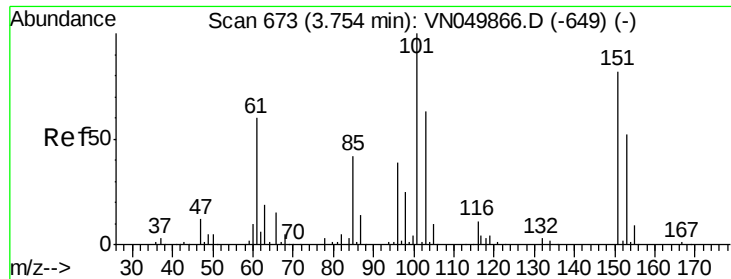


#8

Diethyl Ether
 Concen: 19.75 ug/l
 RT: 3.41 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		88456		
45	94.3	48.4	145.2		





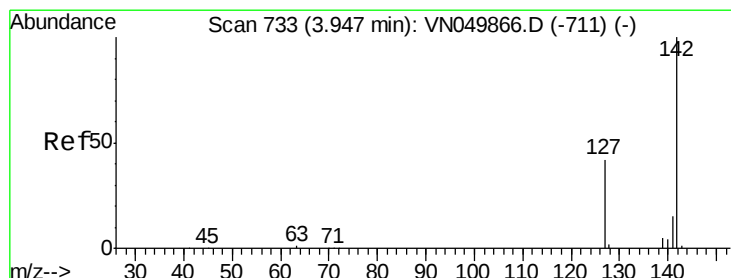
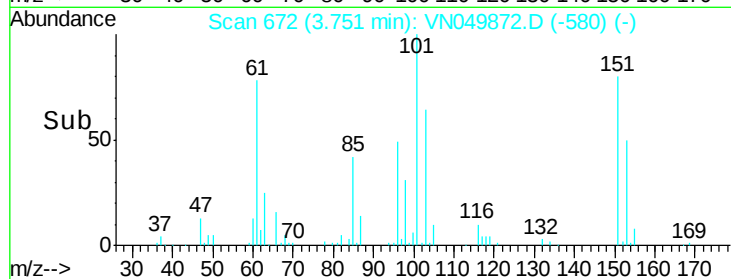
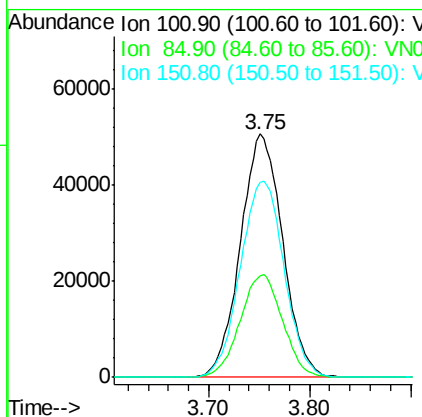
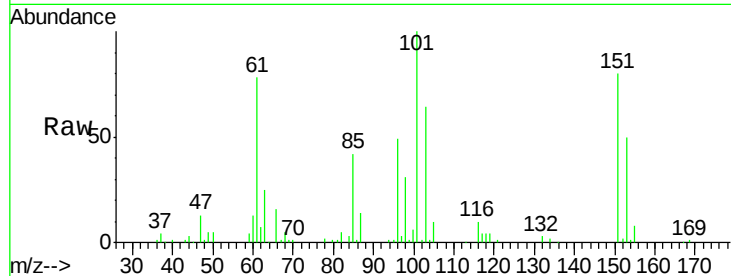
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.58 ug/l
RT: 3.75 min Scan# 672
Delta R.T. -0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	147108		
85	42.3	34.4	51.6	
151	83.7	66.2	99.4	

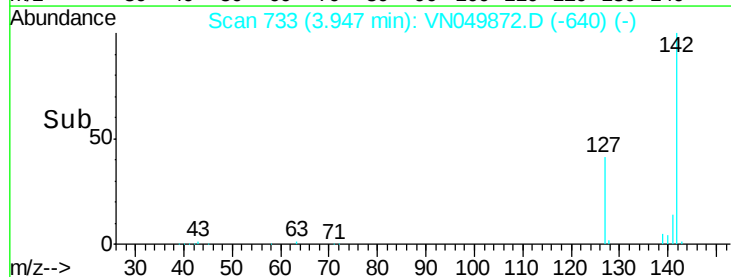
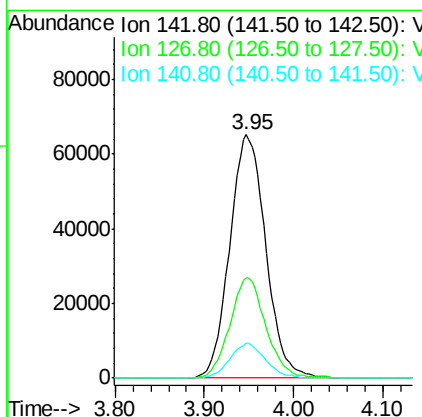
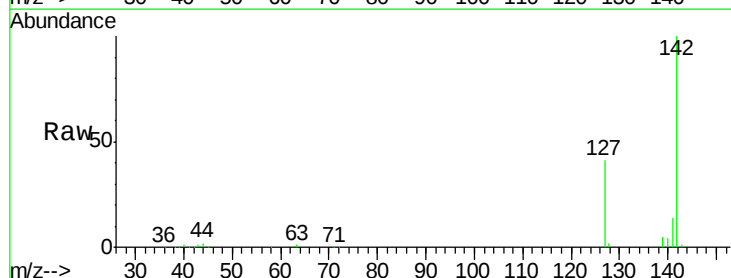
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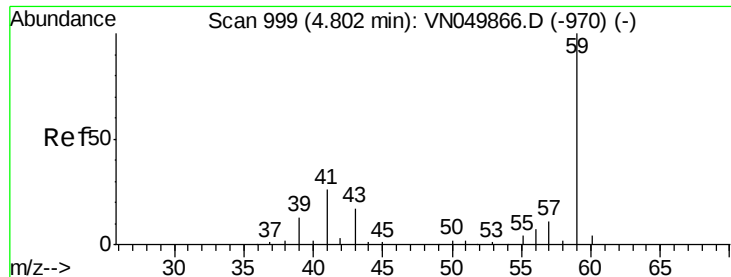
apatel
7/19/2018 4:30:40 PM



#10
Methyl Iodide
Concen: 17.12 ug/l
RT: 3.95 min Scan# 733
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	181812		
127	41.6	32.5	48.7	
141	14.3	11.1	16.7	





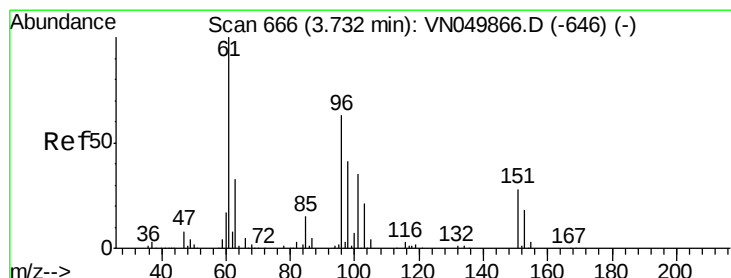
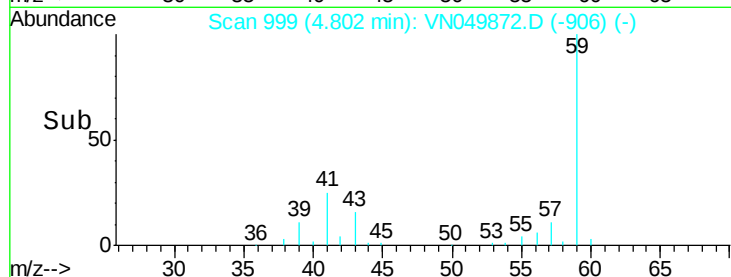
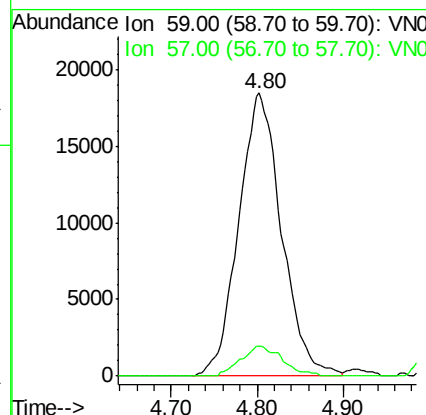
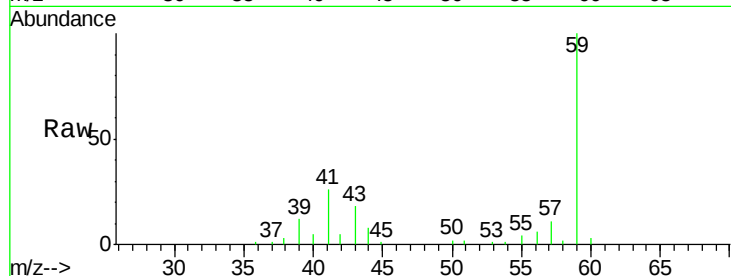
#11
Tert butyl alcohol
Concen: 101.59 ug/l
RT: 4.80 min Scan# 999
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tot Ion	59.00 (58.70 to 59.70): VN0	Resp	63814
Ion Ratio	Lower	Upper	
59	100		
57	10.4	8.5	12.7

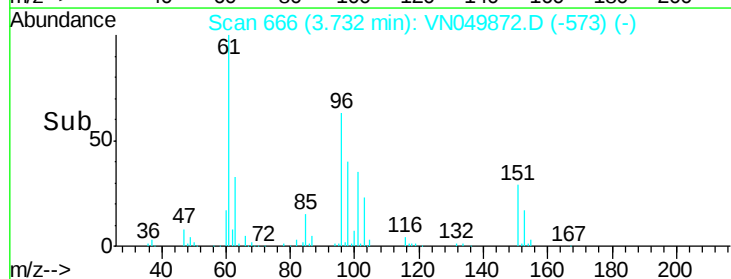
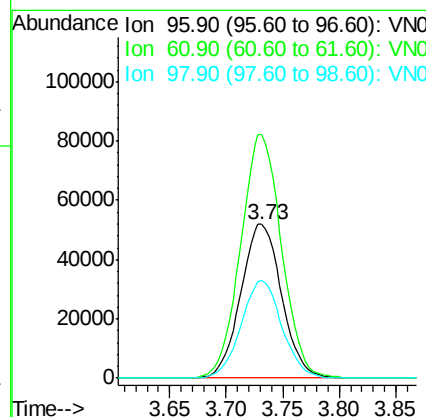
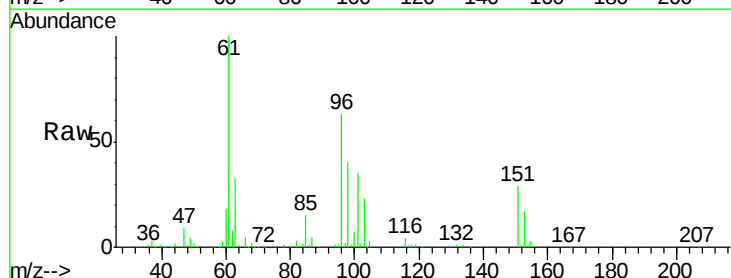
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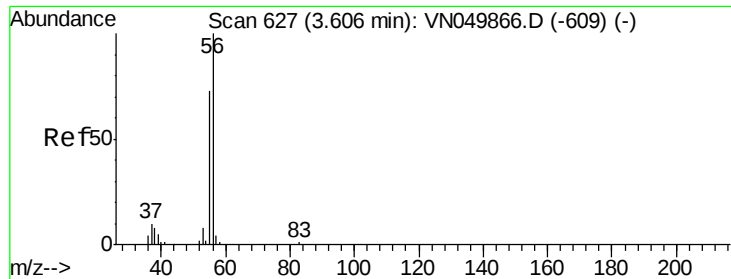
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#12
1,1-Dichloroethene
Concen: 18.76 ug/l
RT: 3.73 min Scan# 666
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion	96	Resp	130477
Ion Ratio	Lower	Upper	
96	100		
61	158.0	126.5	189.7
98	63.3	51.0	76.6





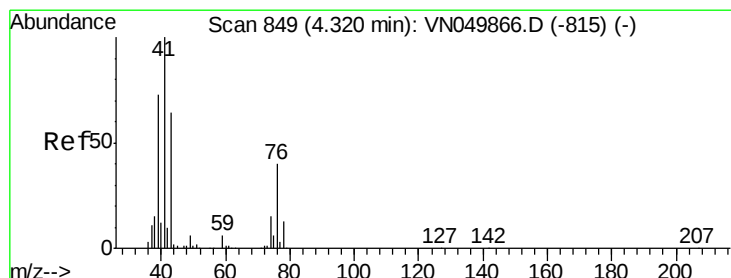
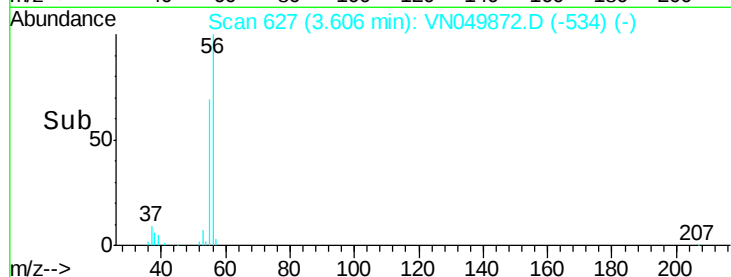
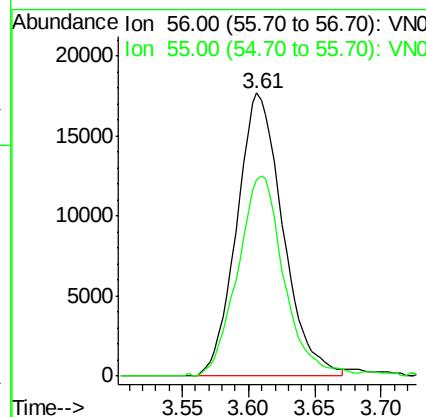
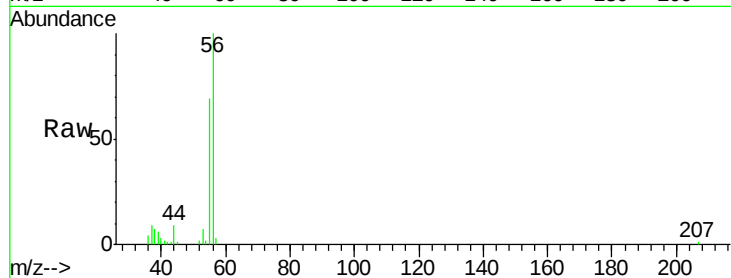
#13
Acrolein
Concen: 105.50 ug/l
RT: 3.61 min Scan# 627
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.2	55.8	83.8

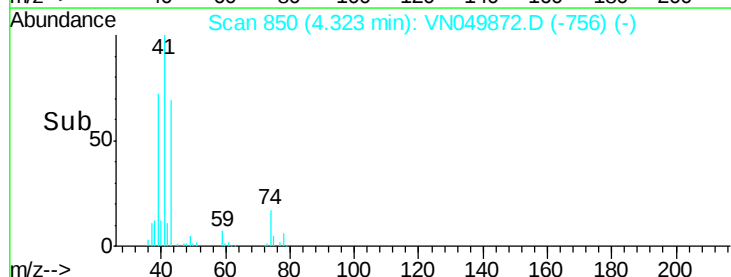
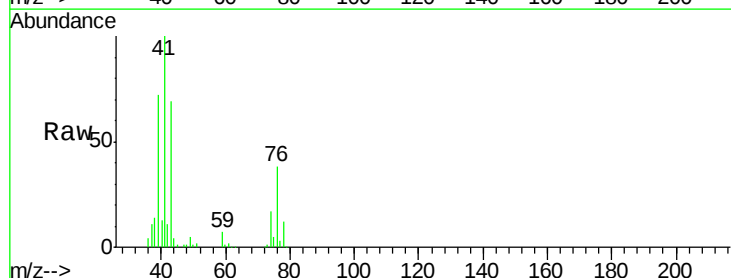
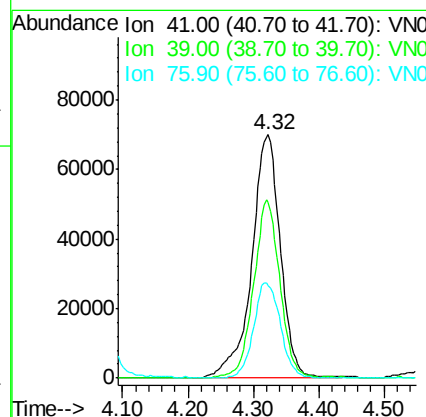
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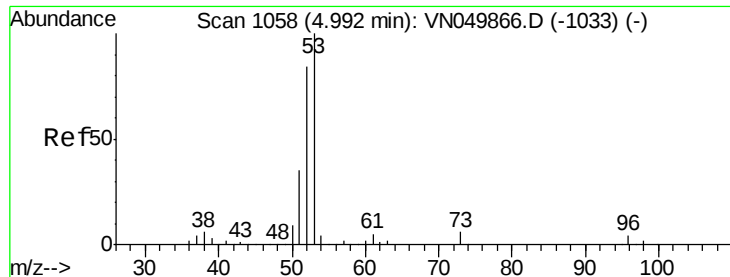
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#14
Allyl chloride
Concen: 19.55 ug/l
RT: 4.32 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.0	53.2	79.8
76	35.9	29.0	43.6





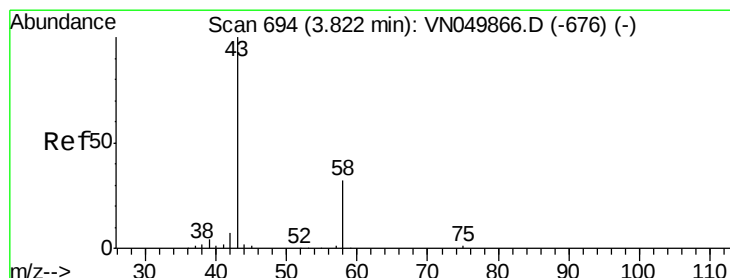
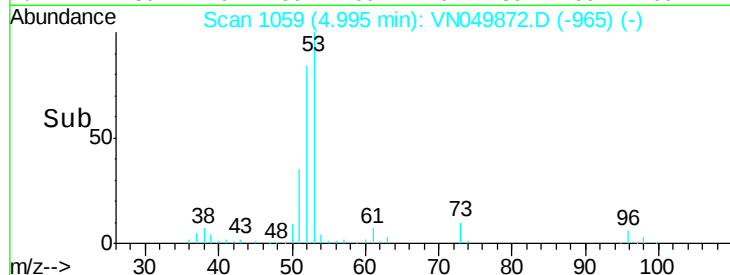
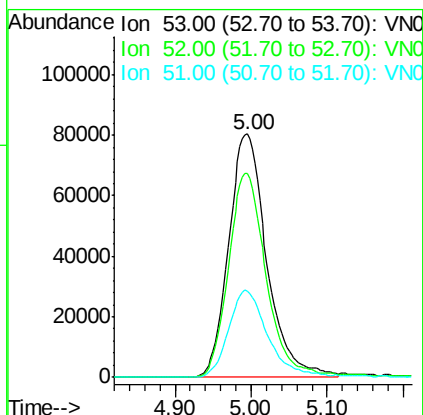
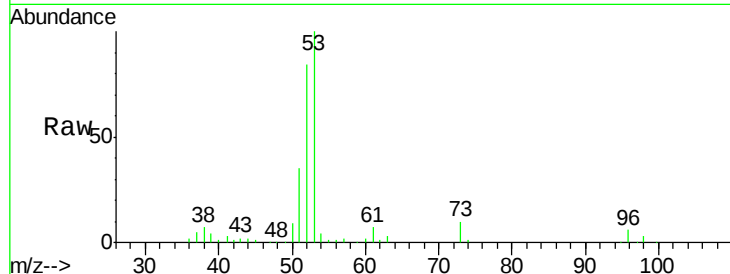
#15
 Acrylonitrile
 Concen: 101.32 ug/l
 RT: 5.00 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.3	64.8	97.2
51	36.6	28.9	43.3

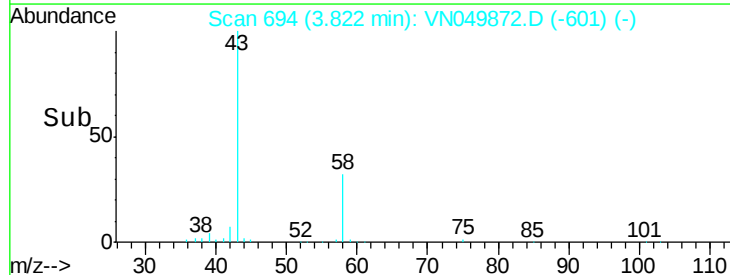
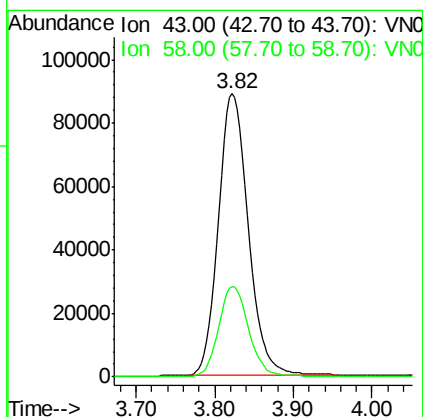
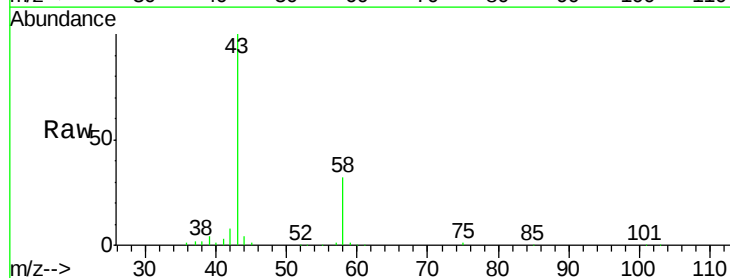
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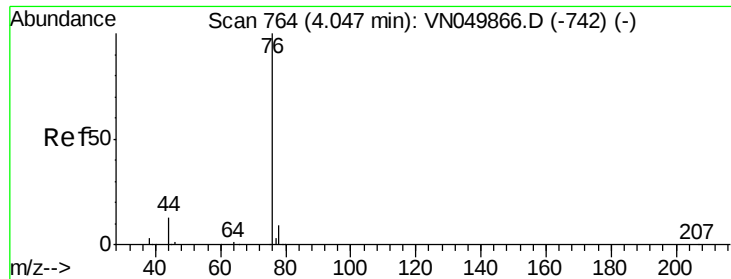
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#16
 Acetone
 Concen: 101.96 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.9	38.9





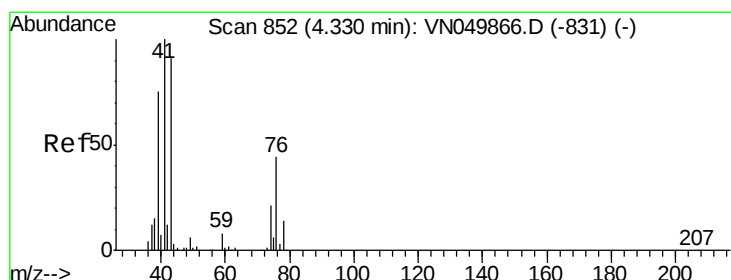
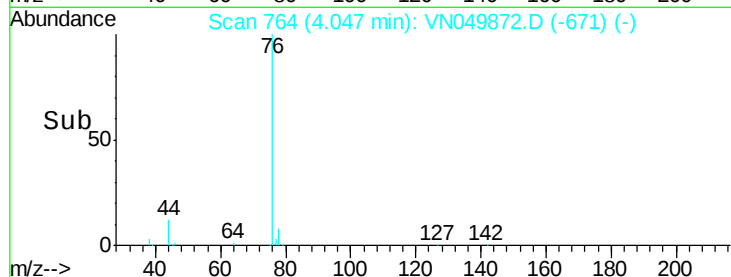
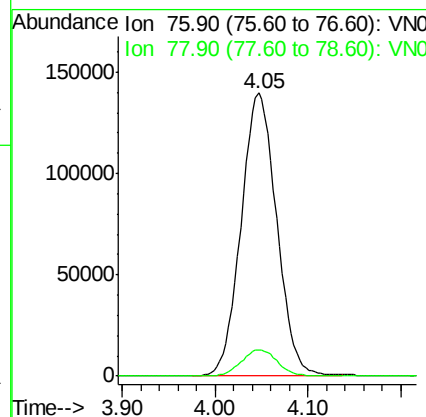
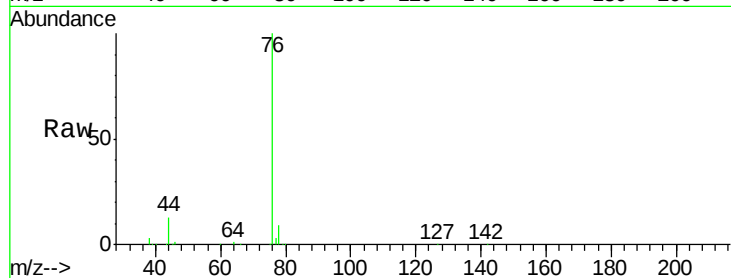
#17
Carbon Disulfide
Concen: 17.91 ug/l
RT: 4.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

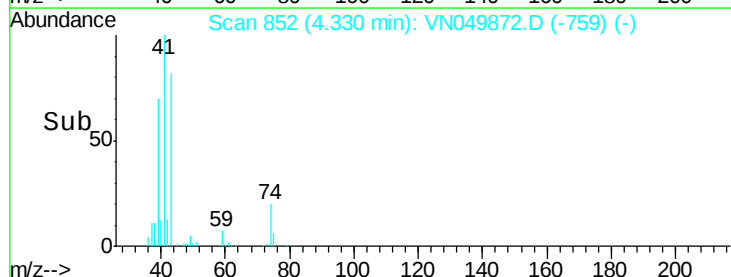
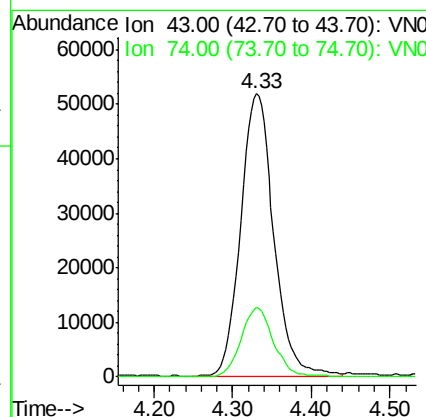
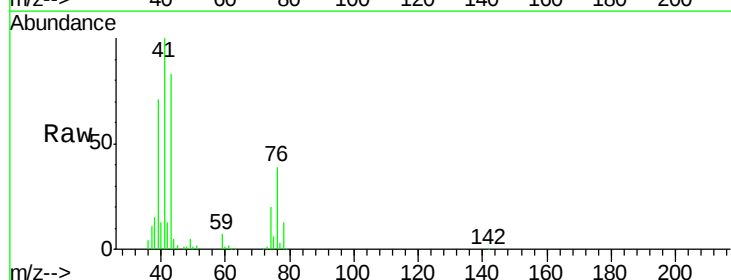
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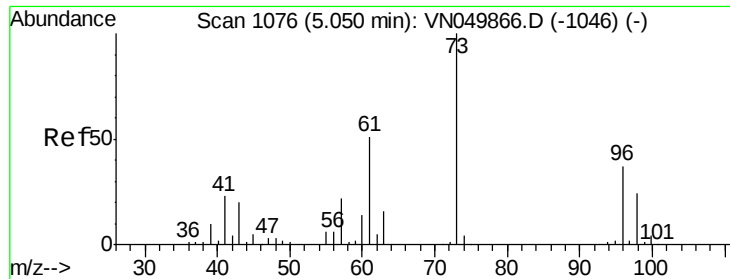
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#18
Methyl Acetate
Concen: 20.96 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.8	29.8





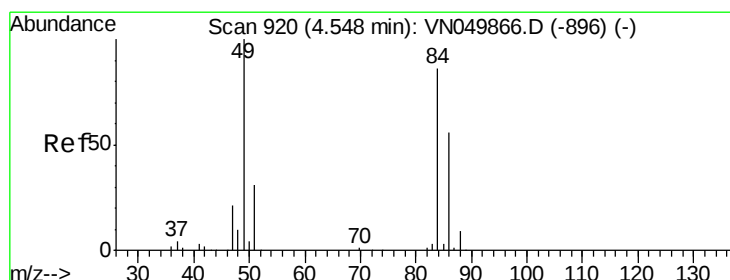
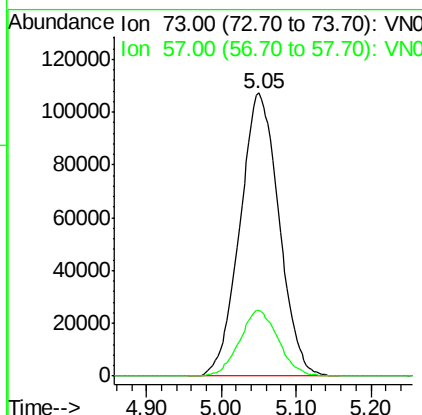
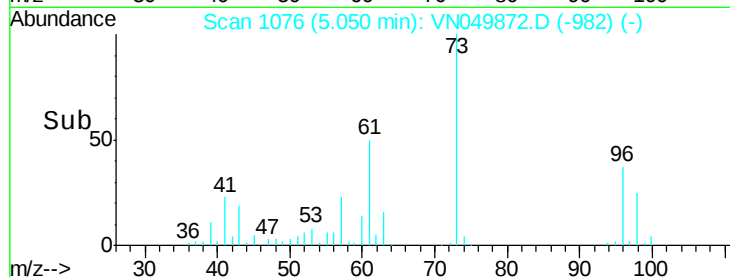
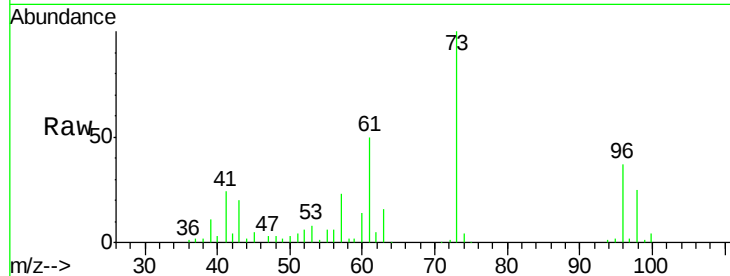
#19
Methyl tert-butyl Ether
Concen: 20.32 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.1	27.1

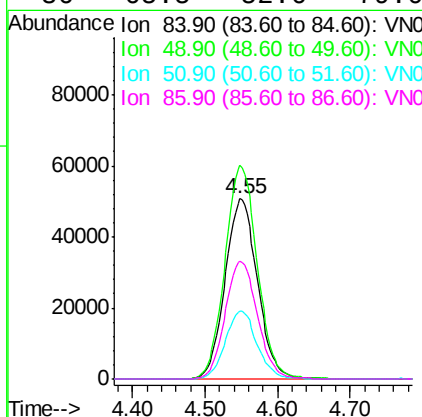
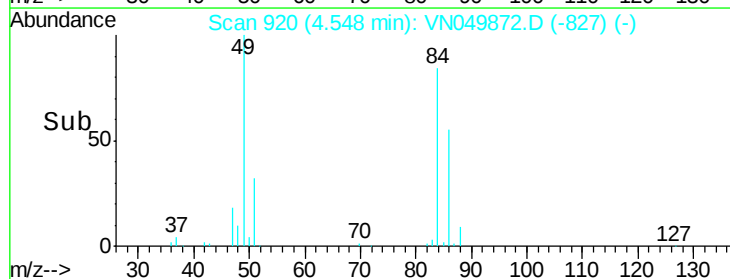
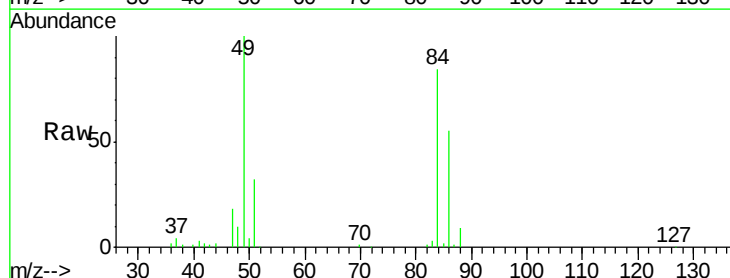
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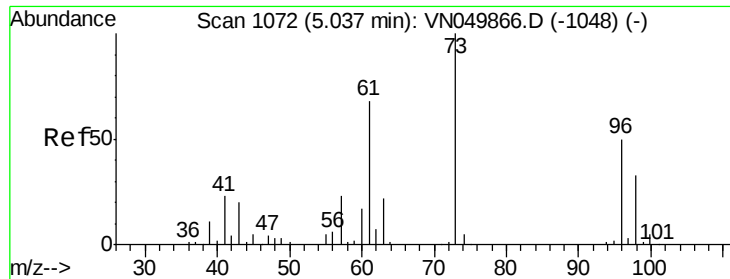
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#20
Methylene Chloride
Concen: 18.18 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.7	95.4	143.2
51	37.8	28.4	42.6
86	65.5	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 19.11 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

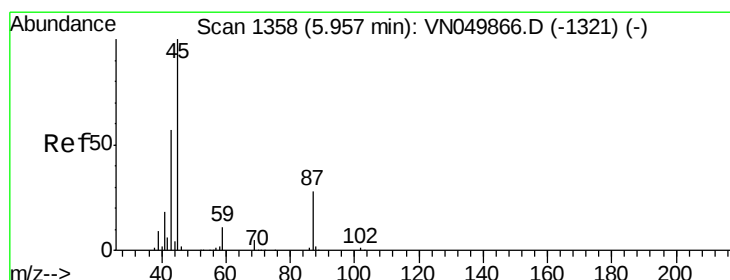
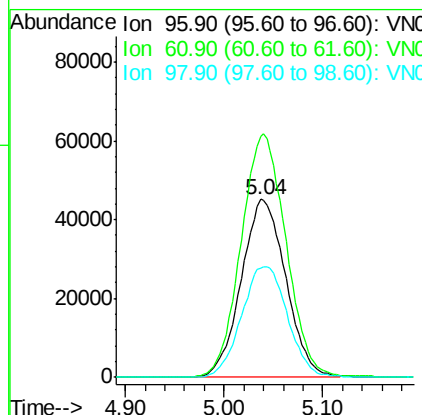
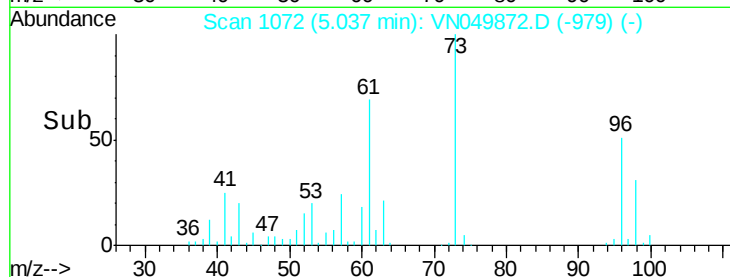
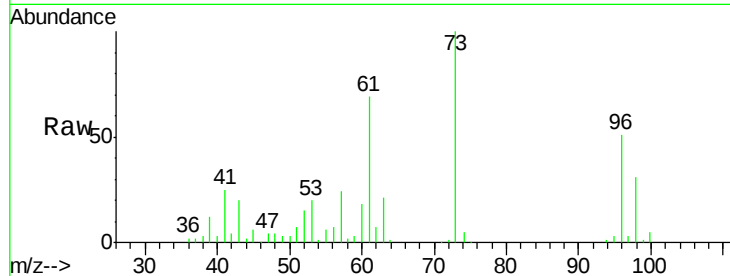
ClientSampleId :

VN0718WBS01

Tot Ion:	96	Resp:	141115
Ion	Ratio	Lower	Upper
96	100		
61	134.9	109.0	163.6
98	61.6	51.1	76.7

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#22

Diisopropyl ether

Concen: 20.82 ug/l

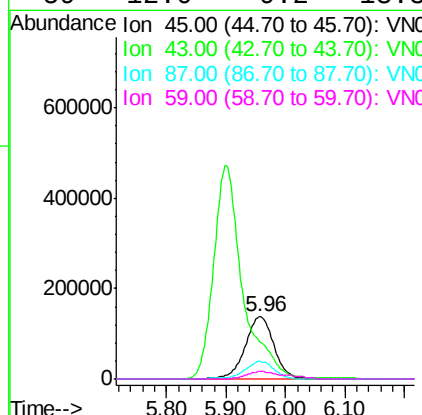
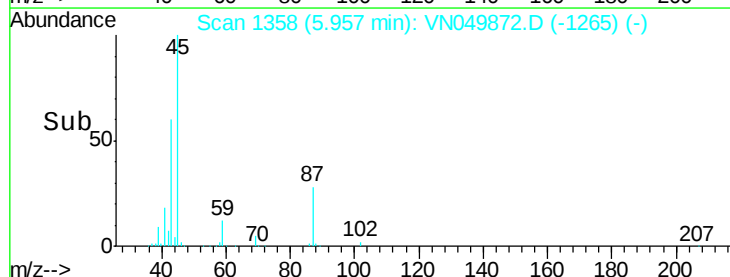
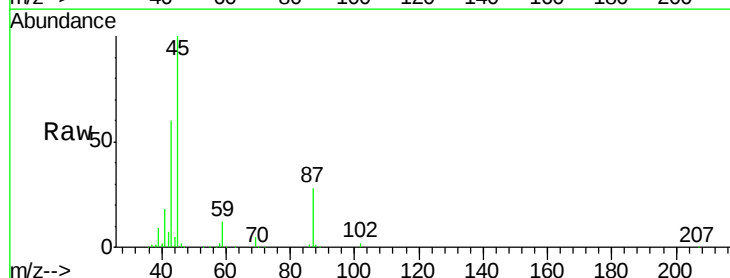
RT: 5.96 min Scan# 1358

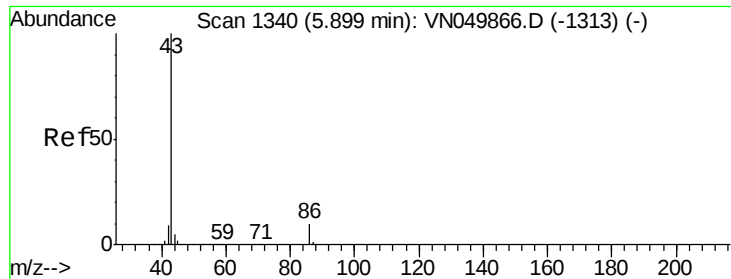
Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Tgt Ion:	45	Resp:	465822
Ion	Ratio	Lower	Upper
45	100		
43	58.4	48.1	72.1
87	28.1	22.6	34.0
59	12.0	9.2	13.8





#23

Vinyl Acetate

Concen: 102.40 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

VN0718WBS01

Tot Ion: 43 Resp: 1607417

Ion Ratio Lower Upper

43 100

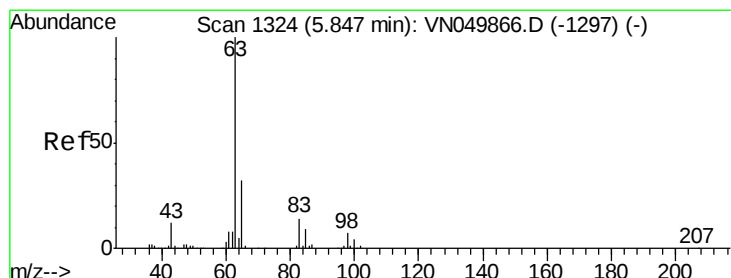
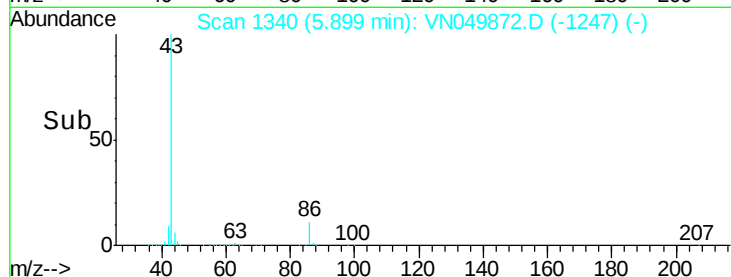
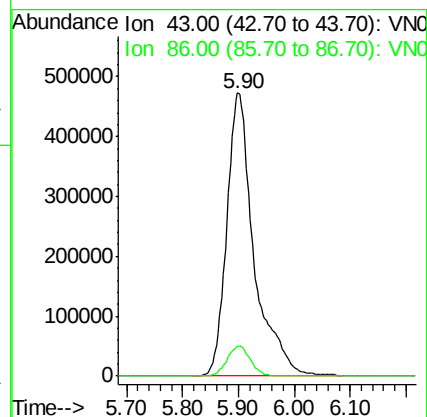
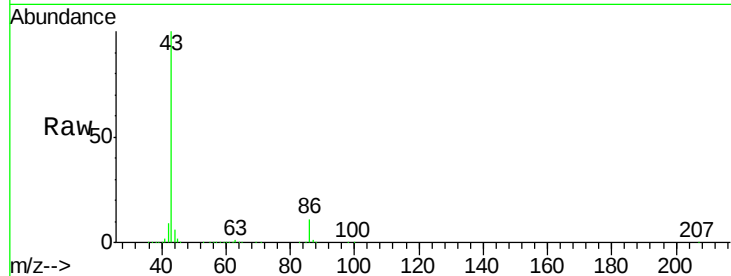
86 10.7 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 19.34 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

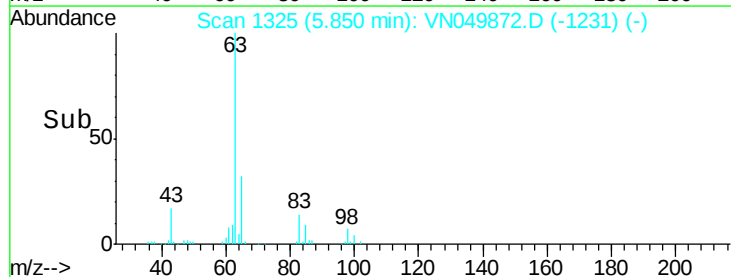
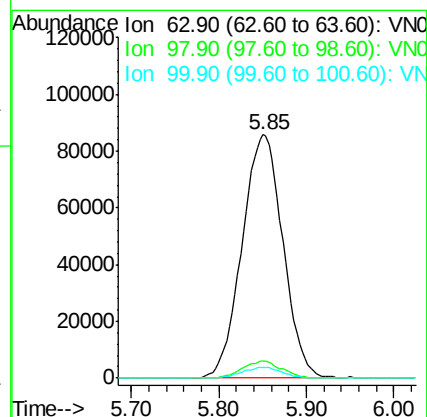
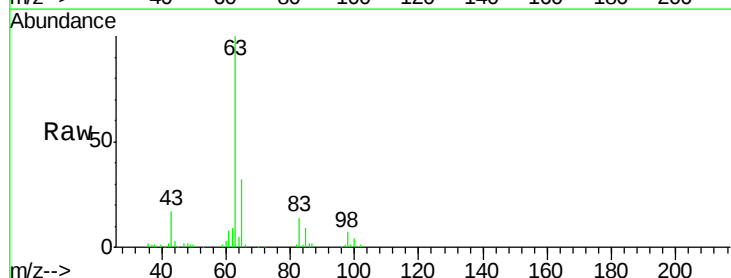
Tgt Ion: 63 Resp: 277742

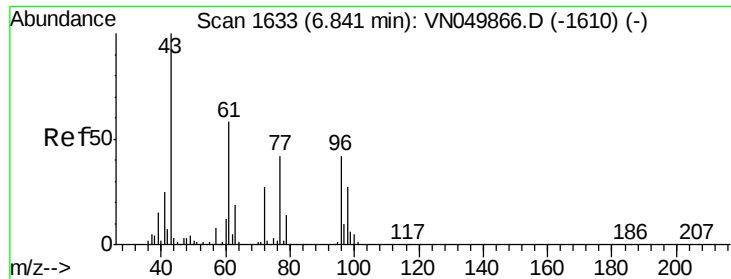
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 4.4 2.2 6.6





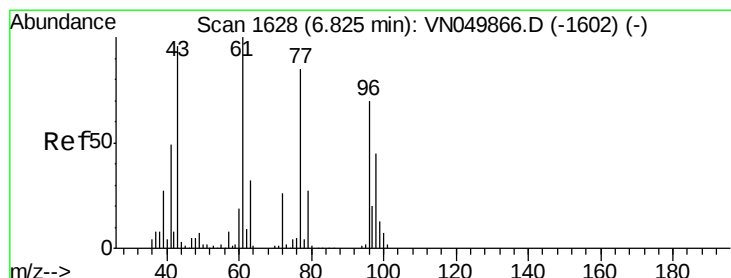
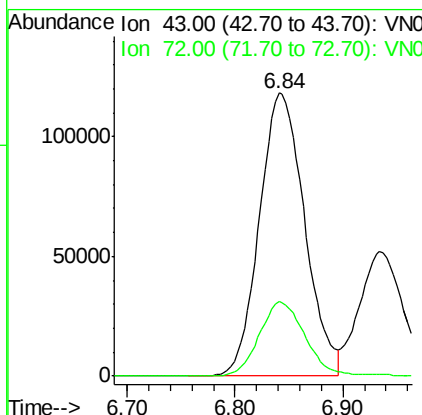
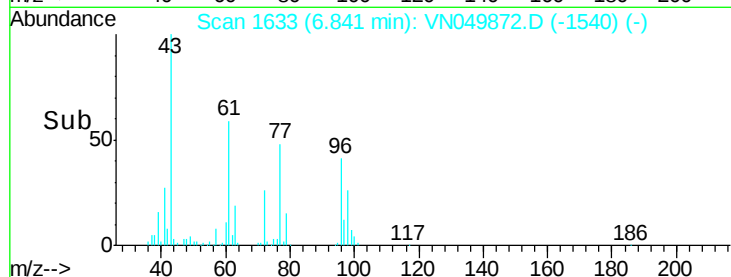
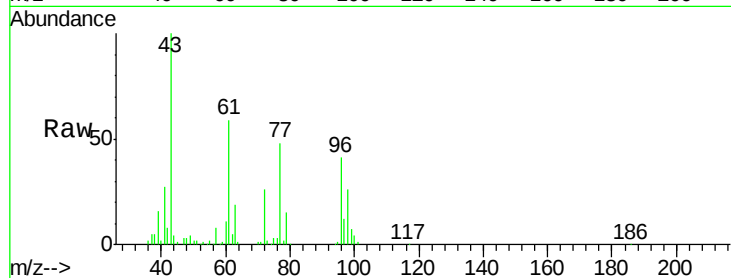
#25
2-Butanone
Concen: 105.01 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampled :
VN0718WBS01

Tot Ion: 43 Resp: 342595
Ion Ratio Lower Upper
43 100
72 26.3 22.1 33.1

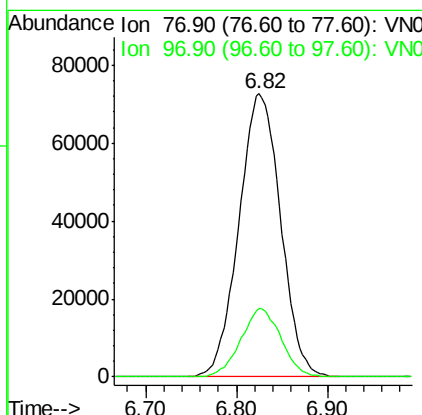
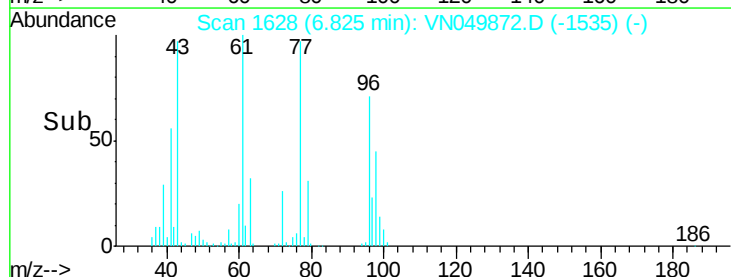
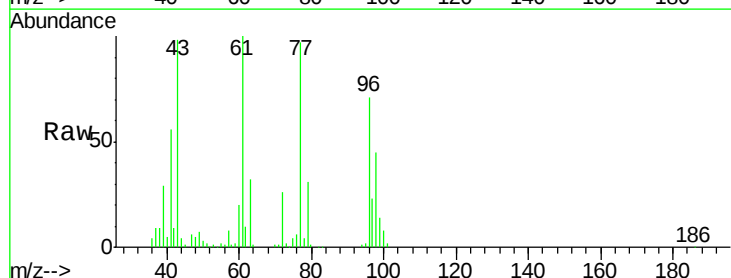
Manual Integrations
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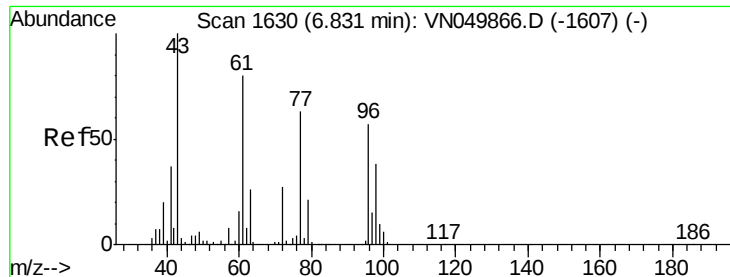
apatel
7/19/2018 4:30:40 PM



#26
2,2-Dichloropropane
Concen: 20.66 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion: 77 Resp: 230848
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.5





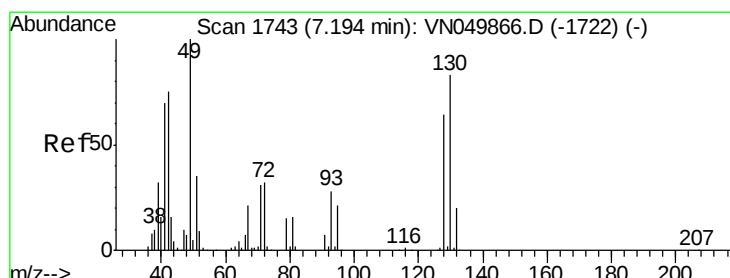
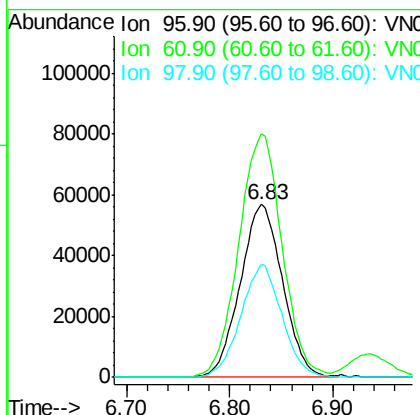
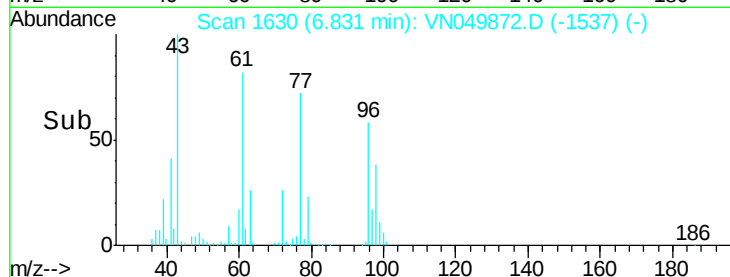
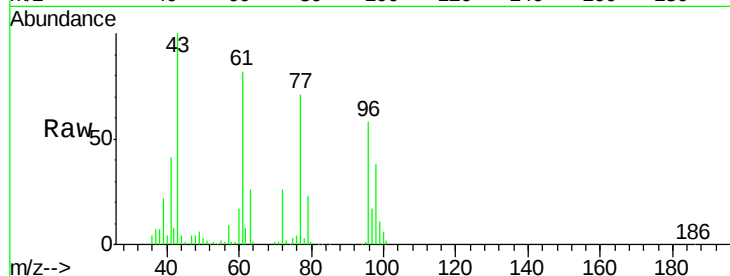
#27
 cis-1,2-Dichloroethene
 Concen: 20.08 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Instrument :
 MSVOA_N
 ClientSampled :
 VN0718WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	162743		
61	143.6	0.0	289.0	
98	63.4	0.0	130.2	

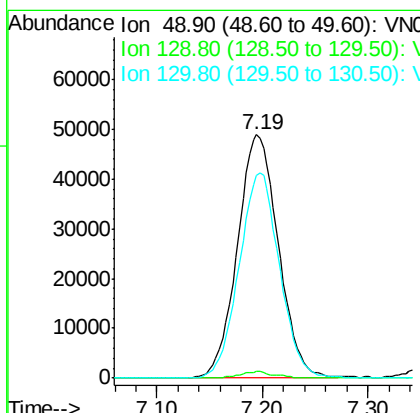
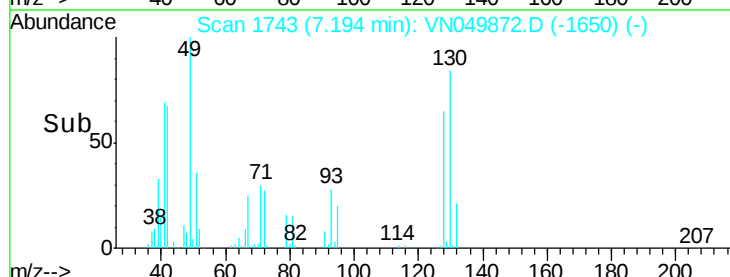
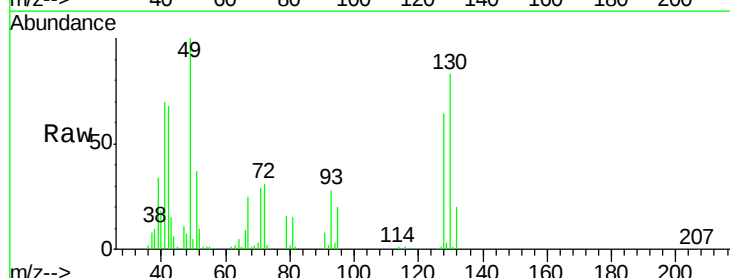
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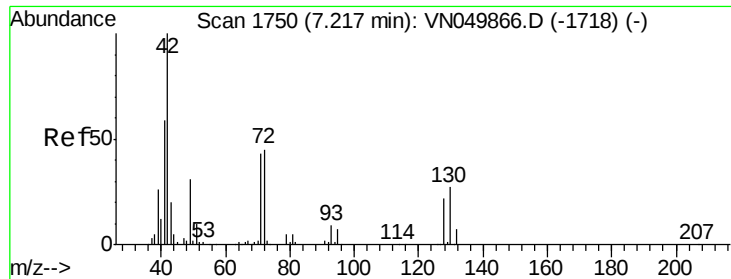
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#28
 Bromochloromethane
 Concen: 20.32 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	131788		
129	2.2	0.0	4.2	
130	83.6	65.5	98.3	





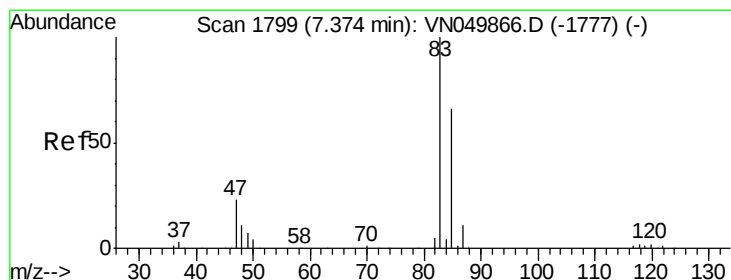
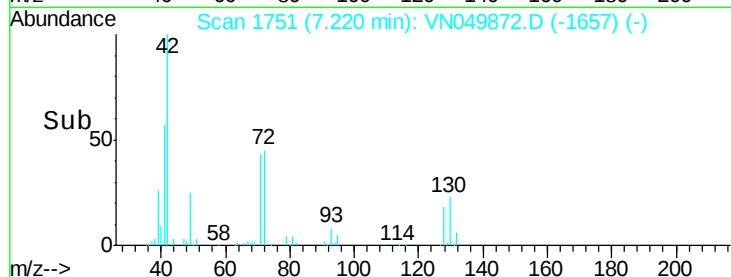
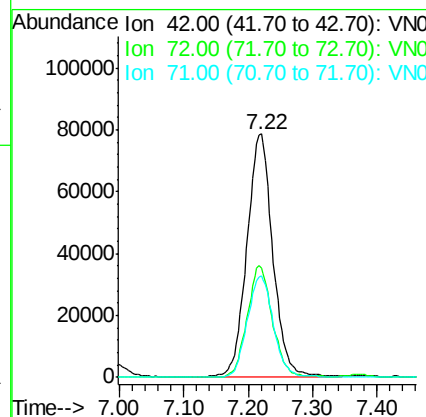
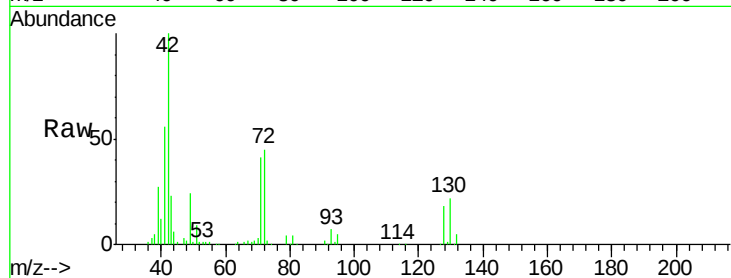
#29
Tetrahydrofuran
Concen: 107.35 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.6	53.4
71	41.3	34.0	51.0

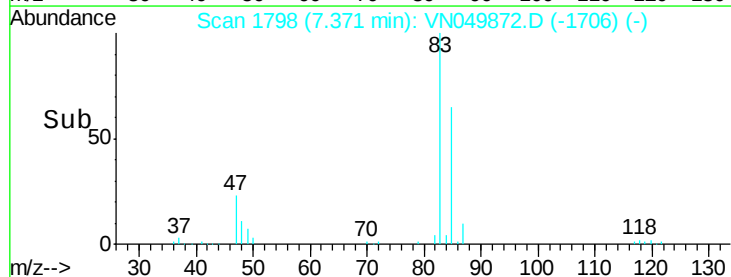
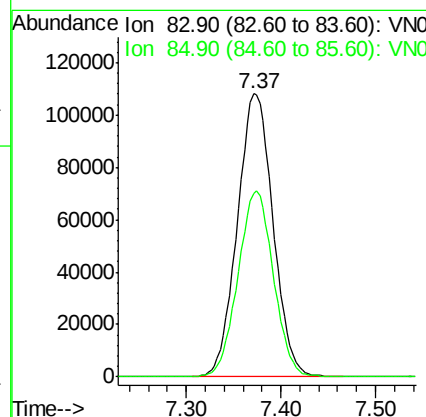
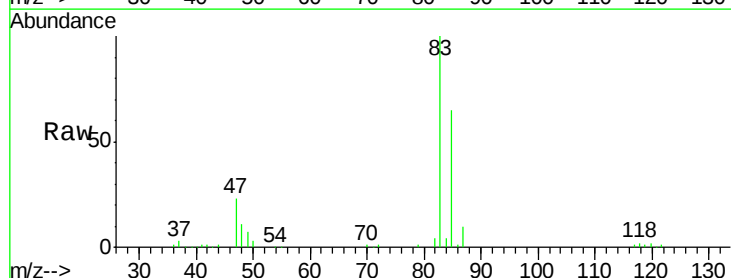
Manual Integrations
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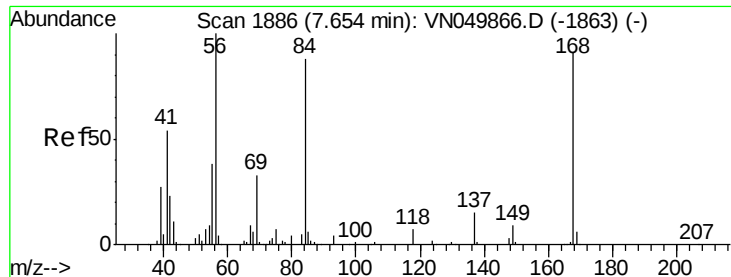
apatel
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#30
Chloroform
Concen: 19.24 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.4	77.2





#31

Cyclohexane

Concen: 19.55 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

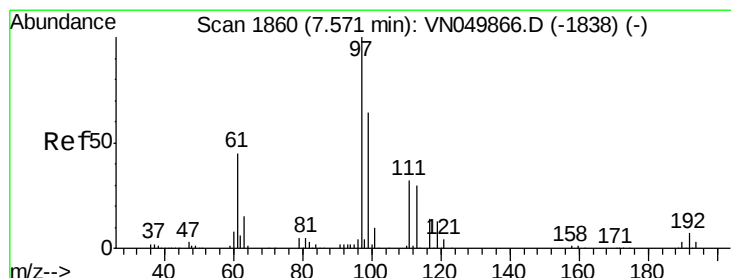
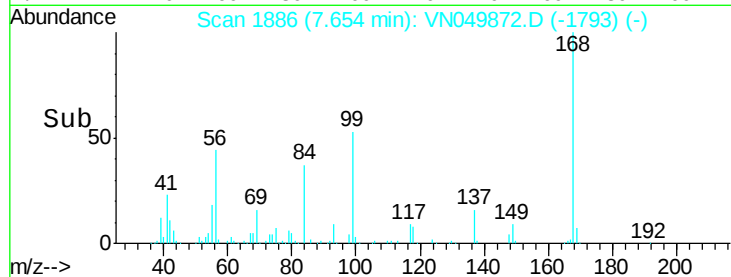
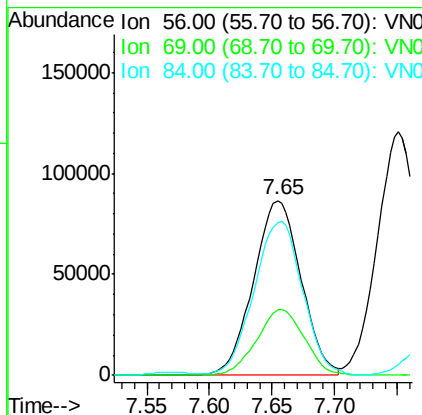
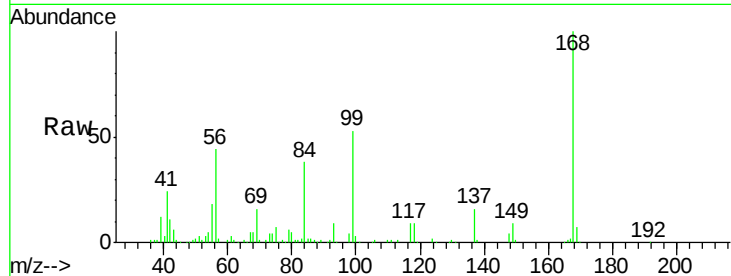
ClientSampleId :

VN0718WBS01

Tot Ion:	56	Resp:	228496
Ion Ratio	Lower	Upper	
56	100		
69	37.2	26.6	40.0
84	85.9	69.0	103.6

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#32

1,1,1-Trichloroethane

Concen: 19.19 ug/l

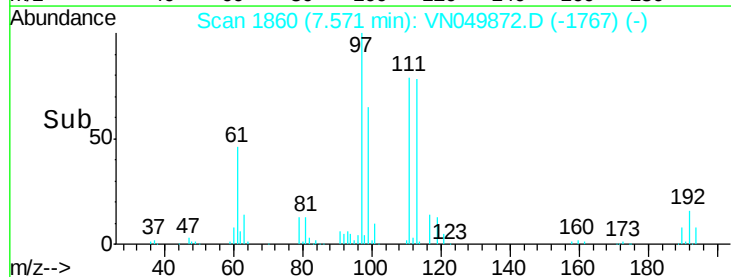
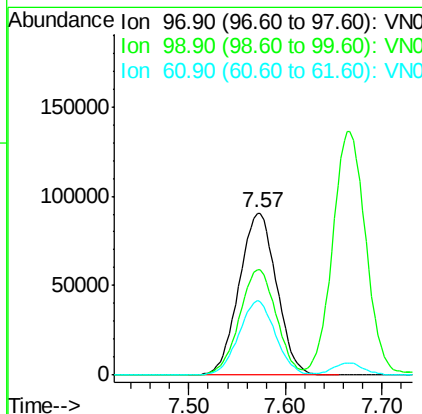
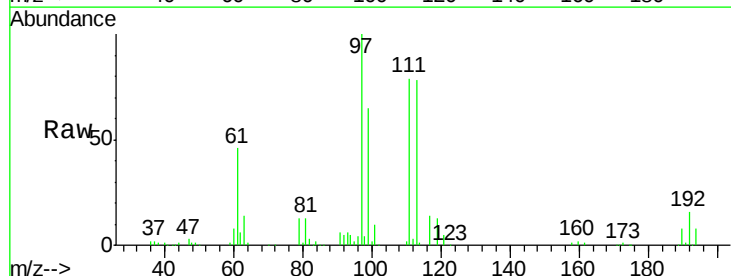
RT: 7.57 min Scan# 1860

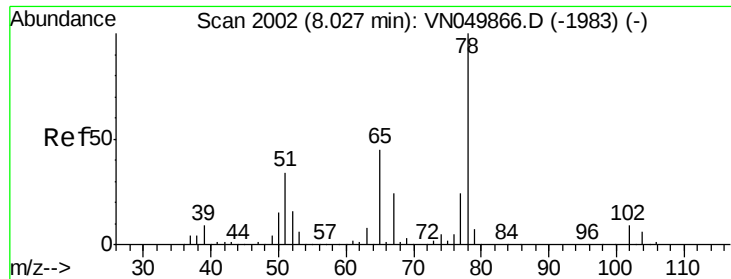
Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Tgt Ion:	97	Resp:	244503
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.0	76.4
61	44.7	35.5	53.3





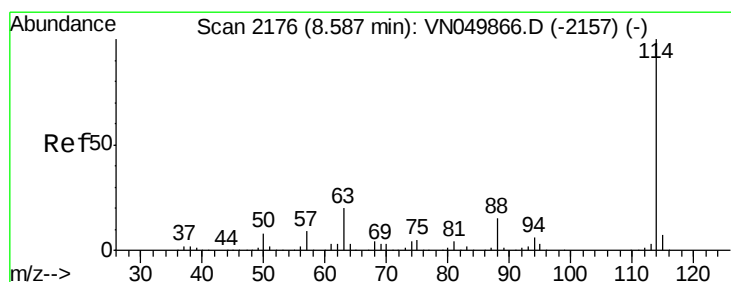
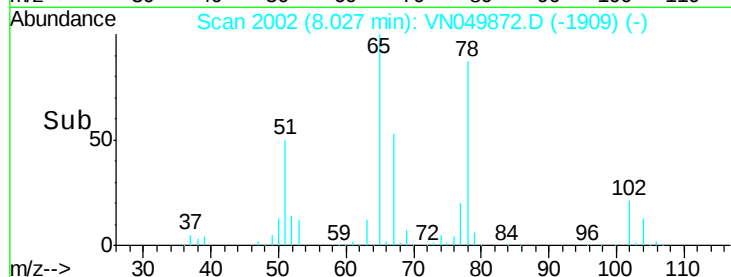
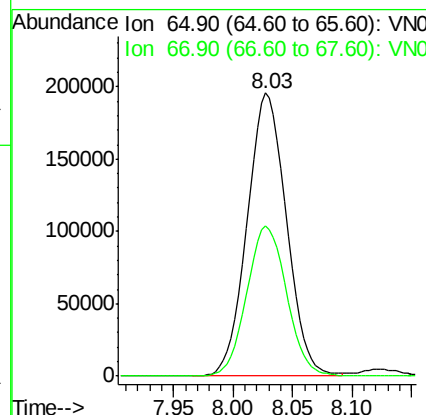
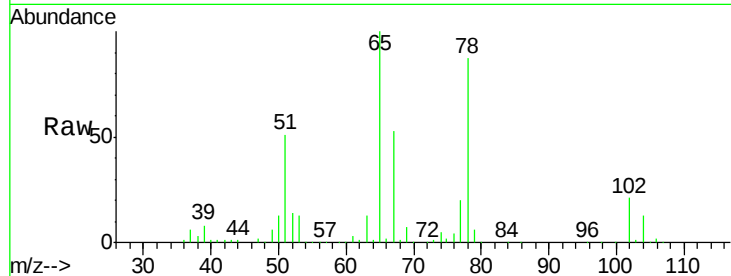
#33
 1,2-Dichloroethane-d4
 Concen: 50.80 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Tot Ion: 65 Resp: 447878
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.2

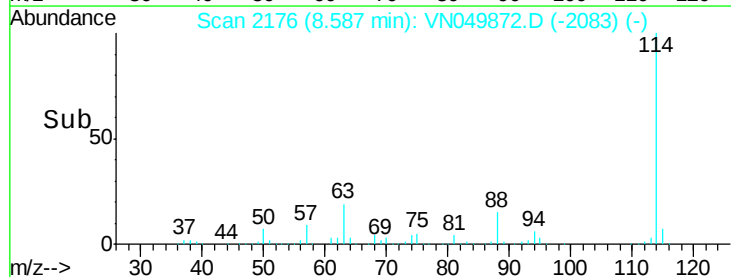
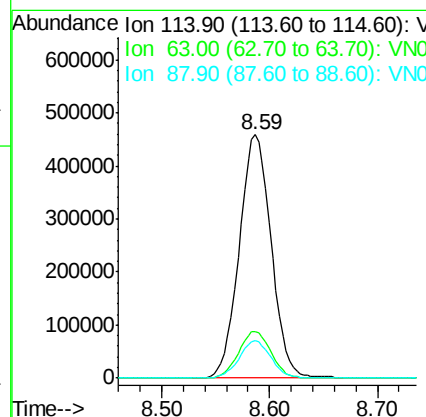
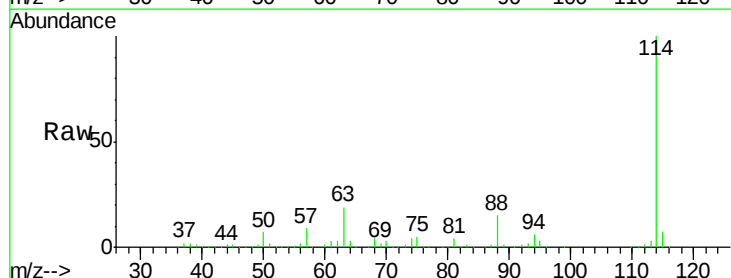
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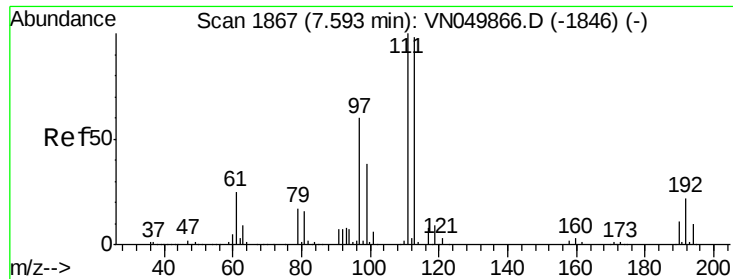
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion: 114 Resp: 947090
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.8
 88 15.2 0.0 30.6





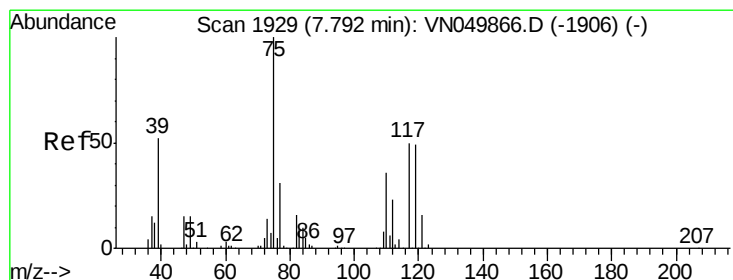
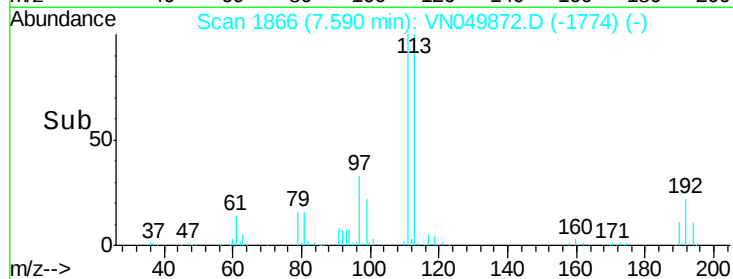
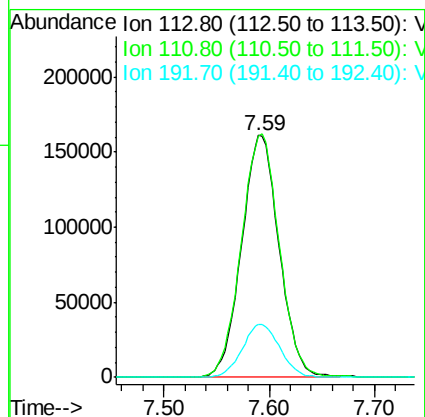
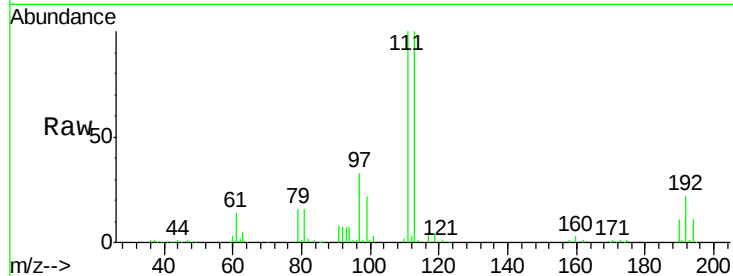
#35
Dibromofluoromethane
Concen: 50.14 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampled :
VN0718WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.6	81.8	122.8	
192	22.0	17.8	26.6	

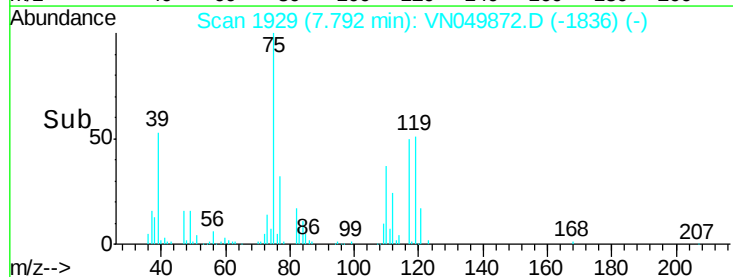
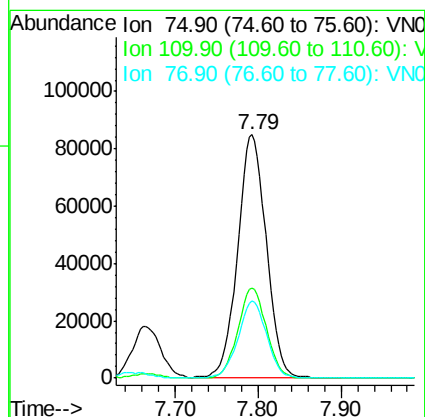
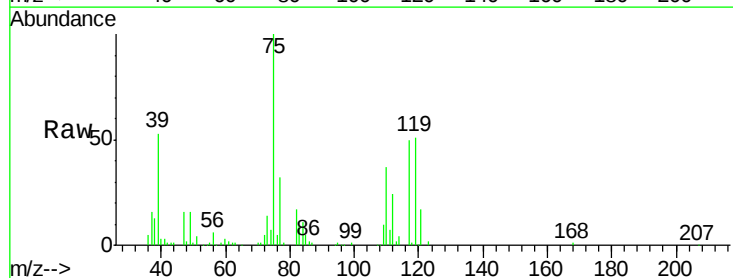
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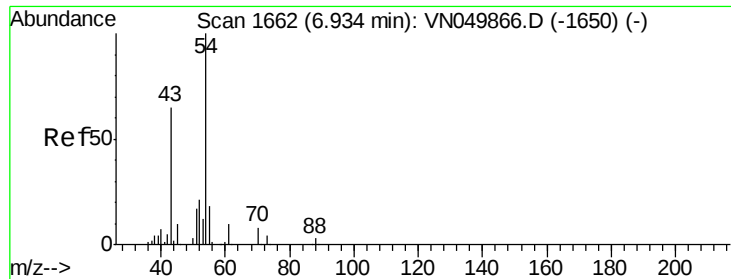
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#36
1,1-Dichloropropene
Concen: 19.46 ug/l
RT: 7.79 min Scan# 1929
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.7	18.1	54.4	
77	31.6	24.9	37.3	





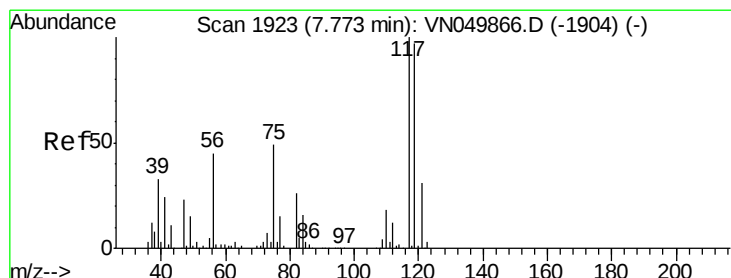
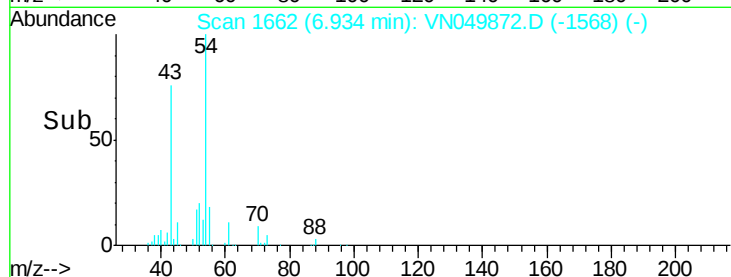
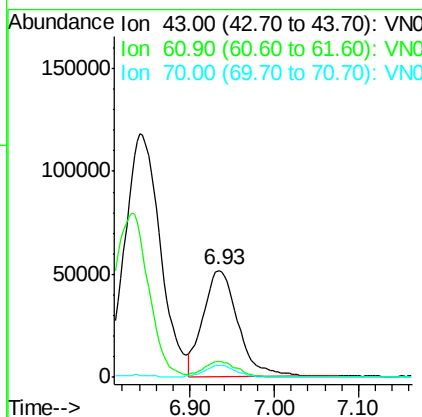
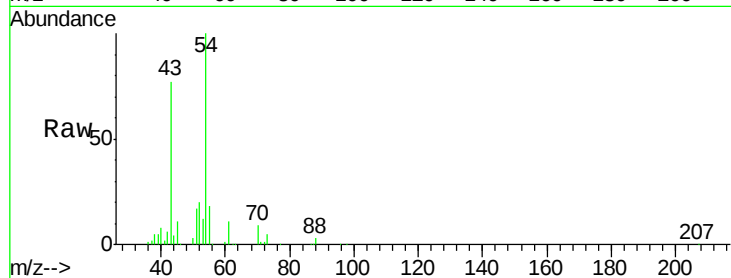
#37
Ethyl Acetate
Concen: 20.44 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.7	17.5
70	10.6	8.4	12.6

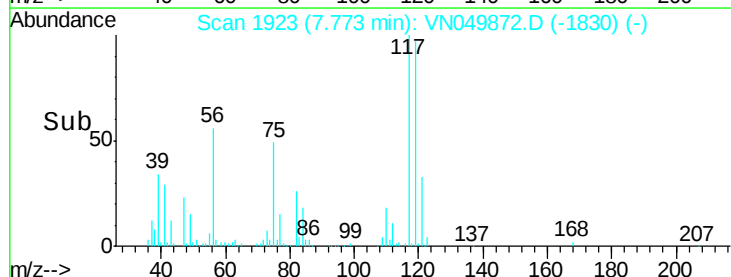
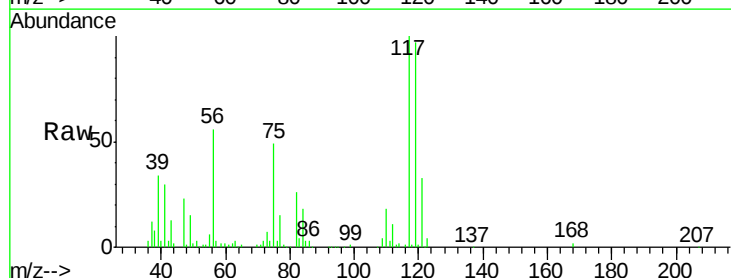
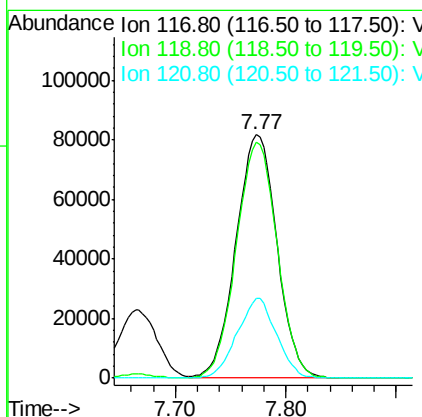
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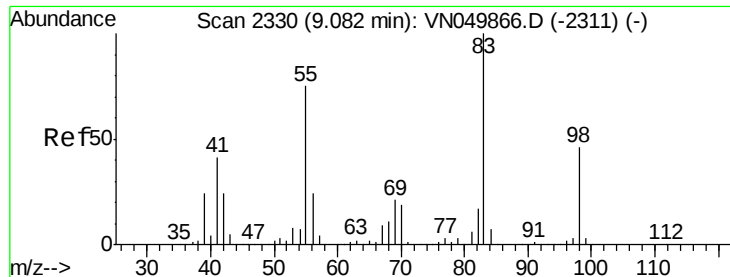
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#38
Carbon Tetrachloride
Concen: 18.63 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.2	115.8
121	32.7	25.0	37.6





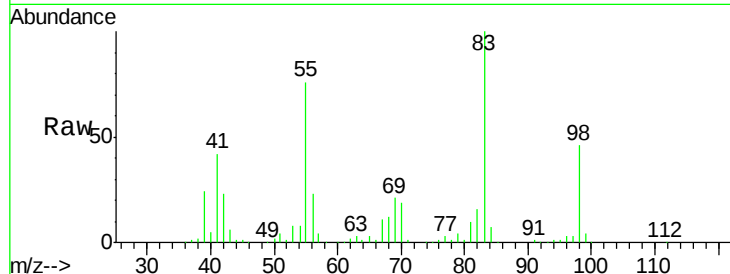
#39
Methvlcvclohexane
Concen: 19.18 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

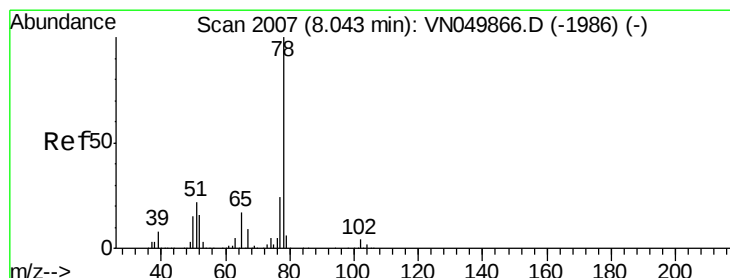
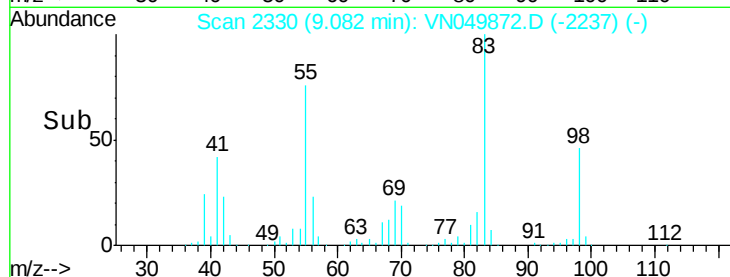
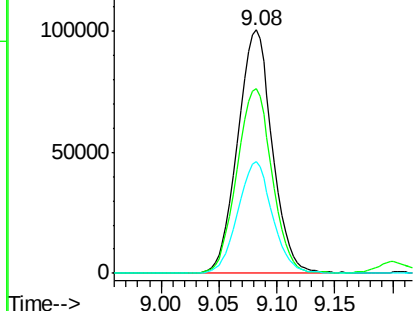
Tot Ion	Ratio	Resp	Lower	Upper
83	100	208675		
55	75.8		59.7	89.5
98	45.8		36.5	54.7

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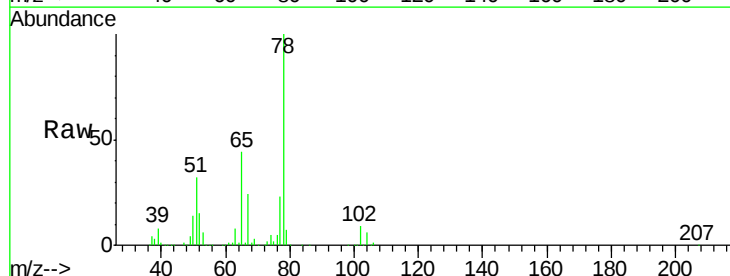


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

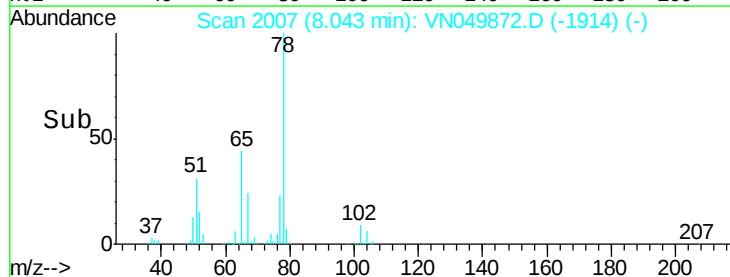
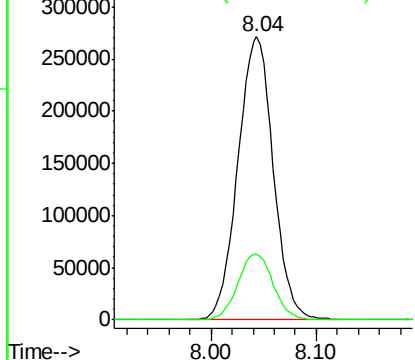


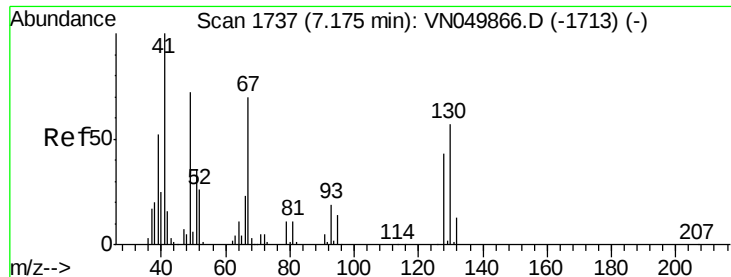
#40
Benzene
Concen: 19.70 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	632213		
77	23.2		19.0	28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





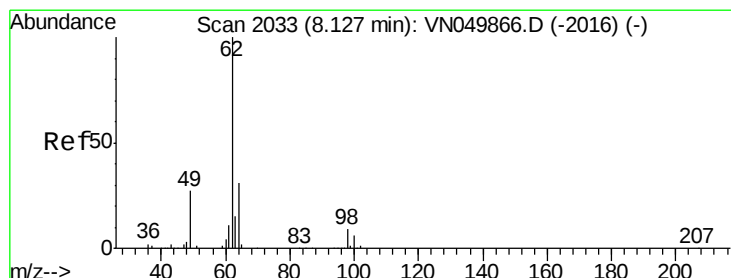
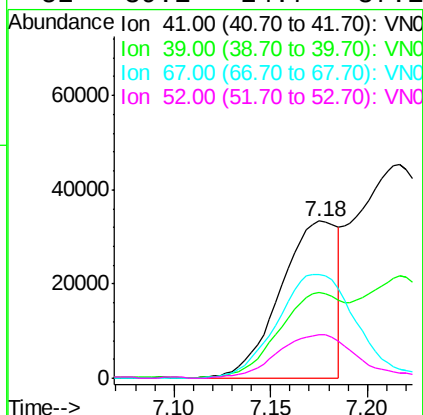
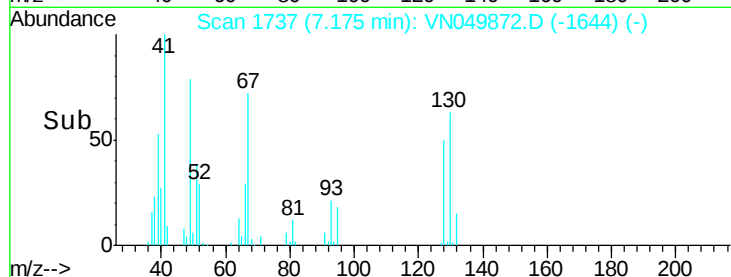
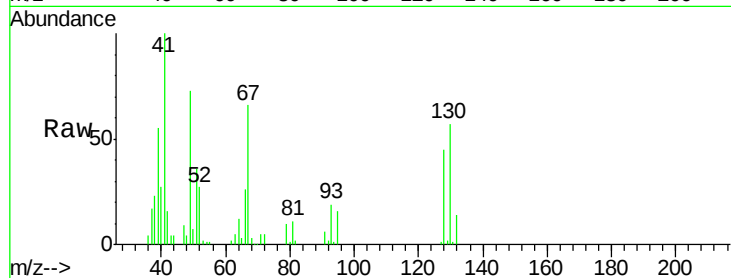
#41
Methacrylonitrile
Concen: 18.90 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampled :
VN0718WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.3	45.4	68.2
67	92.5	65.4	98.0
52	39.1	24.7	37.1#

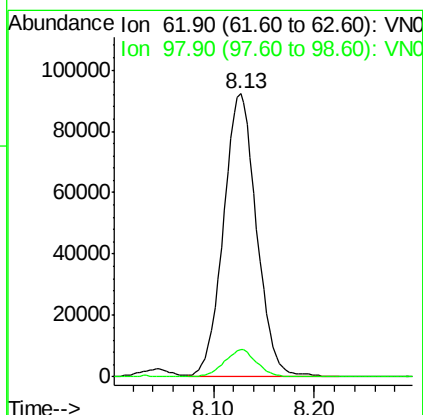
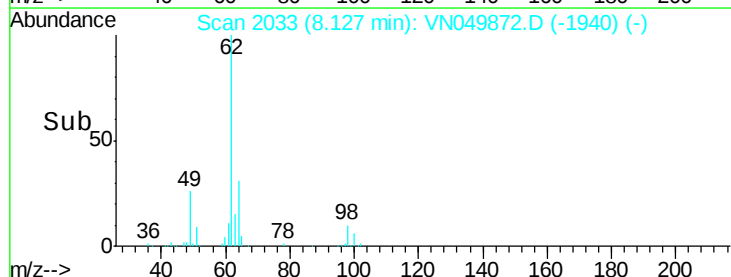
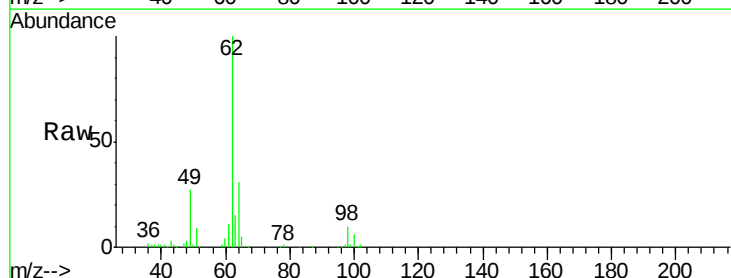
Manual Integrations
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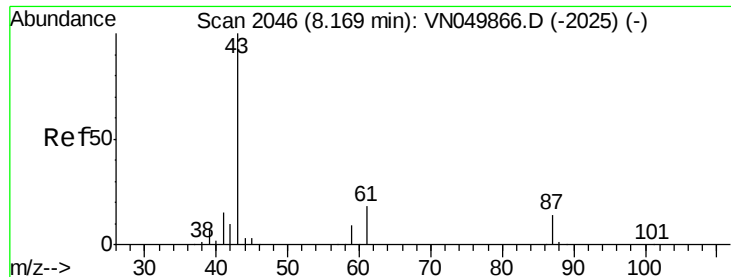
apatel
7/19/2018 4:30:40 PM



#42
1,2-Dichloroethane
Concen: 19.72 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43

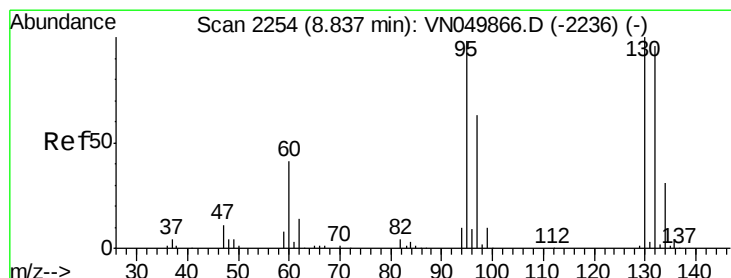
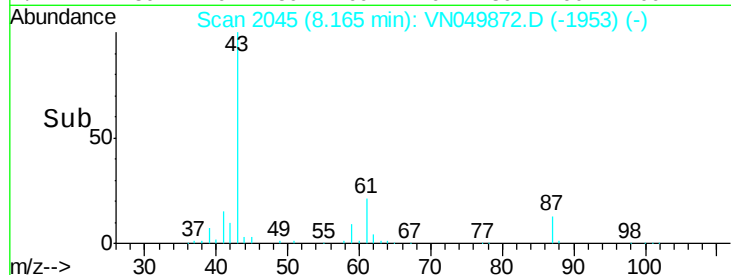
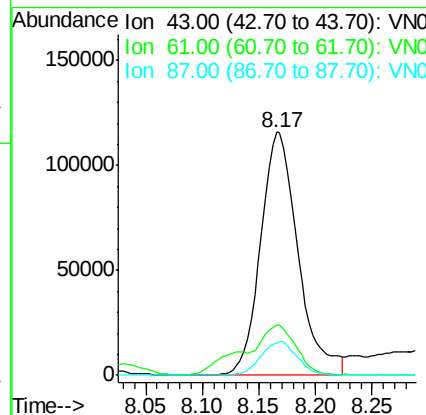
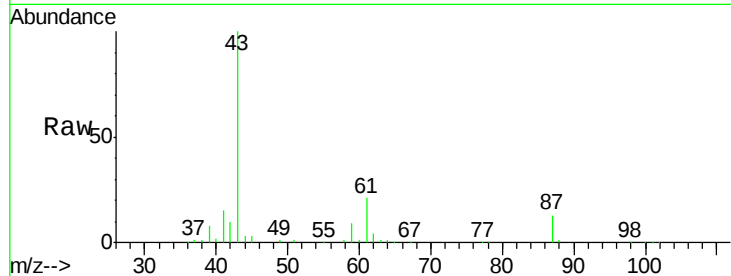
Isopropyl Acetate
 Concen: 21.02 ug/l
 RT: 8.17 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.9	22.3
87	13.5	10.0	15.0

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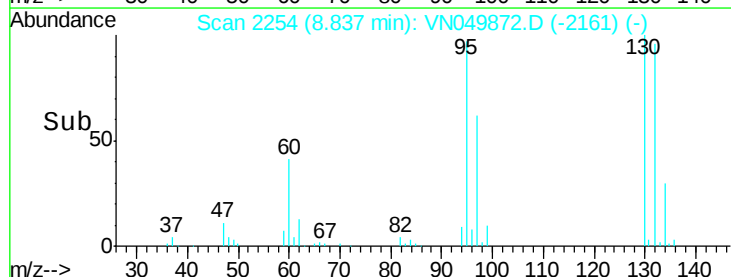
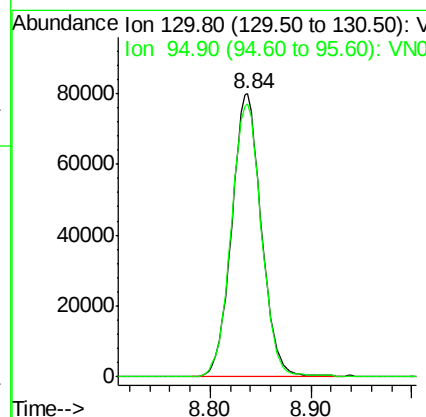
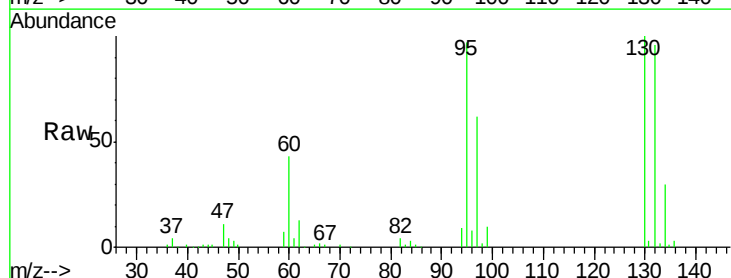
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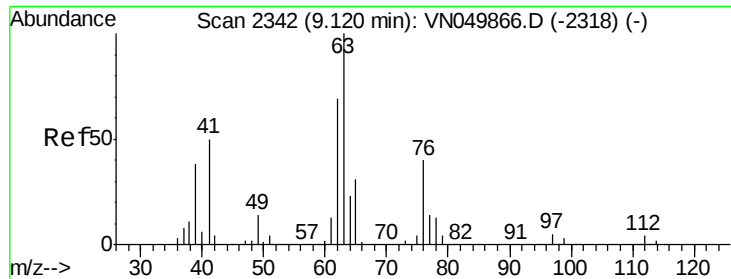


#44

Trichloroethene
 Concen: 19.41 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	192.8





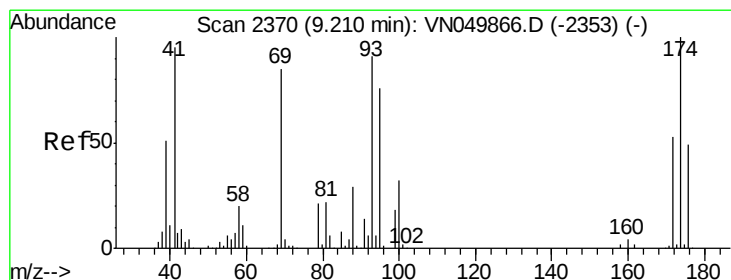
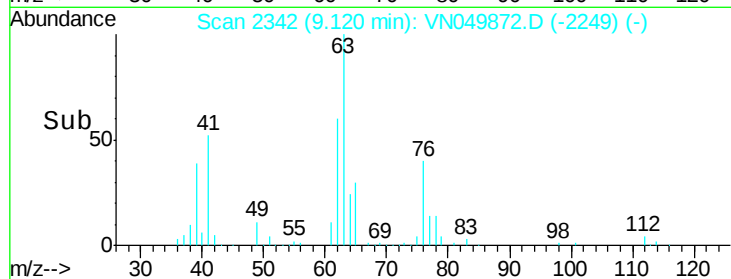
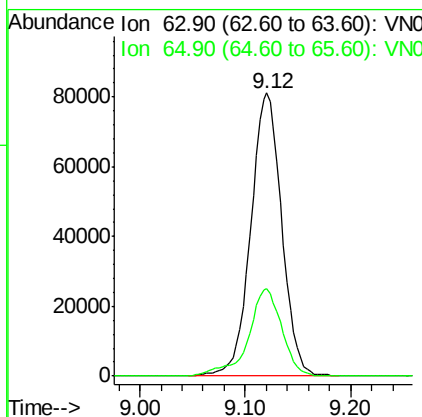
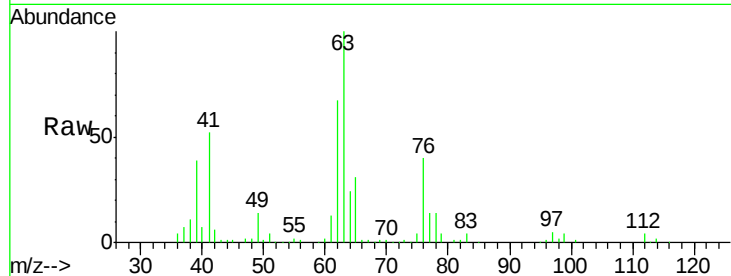
#45
 1,2-Dichloropropane
 Concen: 19.16 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Tot Ion: 63 Resp: 165865
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1

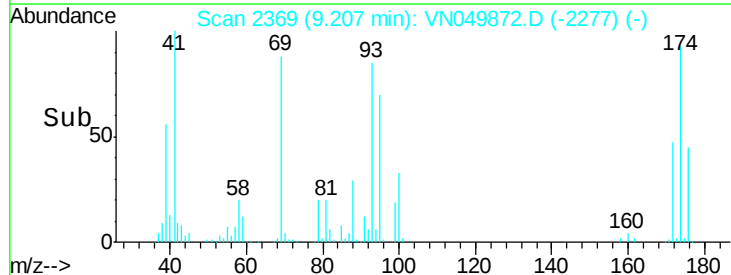
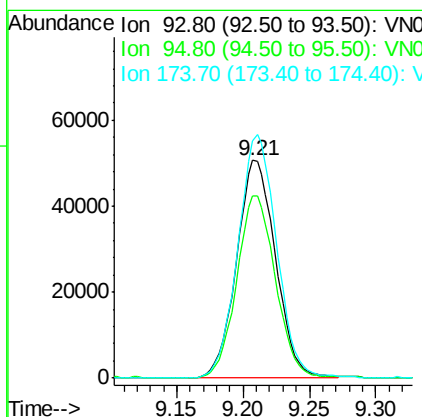
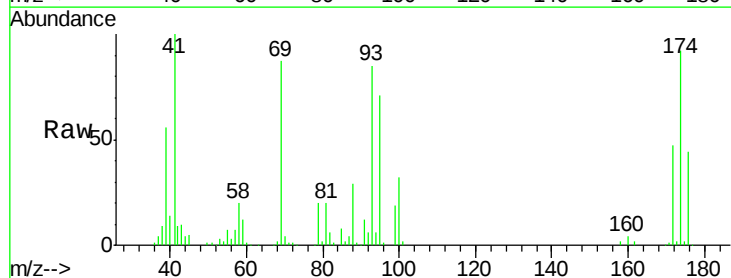
Manual Integrations
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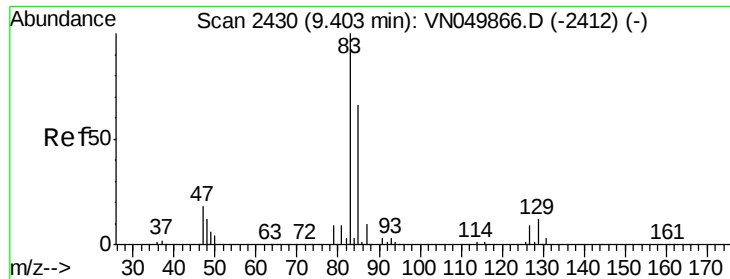
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#46
 Dibromomethane
 Concen: 19.36 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion: 93 Resp: 103947
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.9 101.9
 174 111.0 89.4 134.0





#47

Bromodichloromethane

Concen: 19.59 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

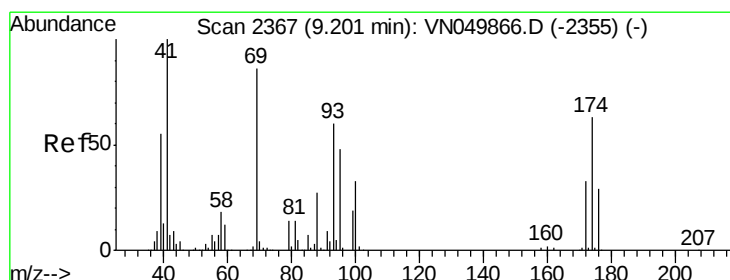
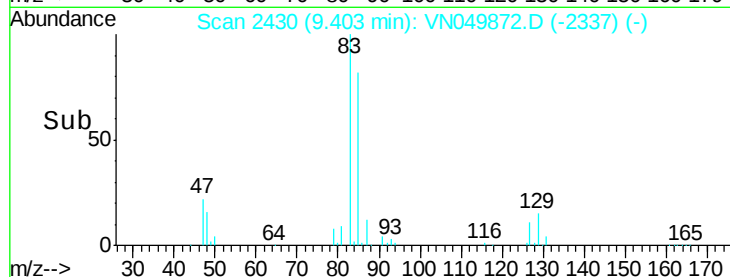
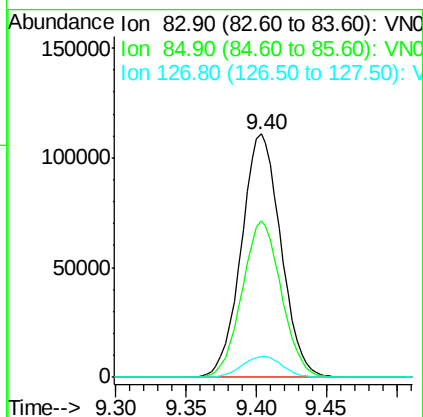
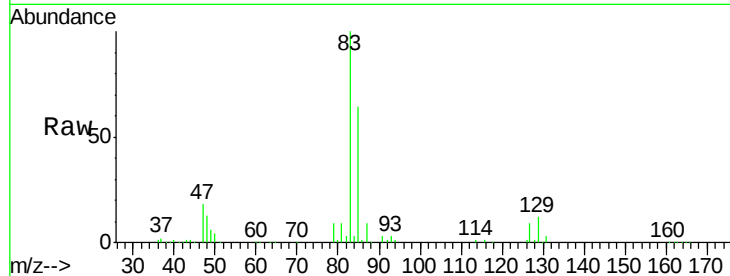
ClientSampleId :

VN0718WBS01

Tot Ion:	83	Resp:	217541
Ion Ratio	Lower	Upper	
83	100		
85	64.2	50.5	75.7
127	8.6	6.8	10.2

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#48

Methyl methacrylate

Concen: 20.28 ug/l

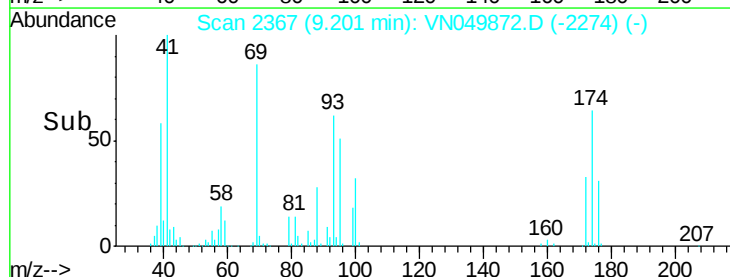
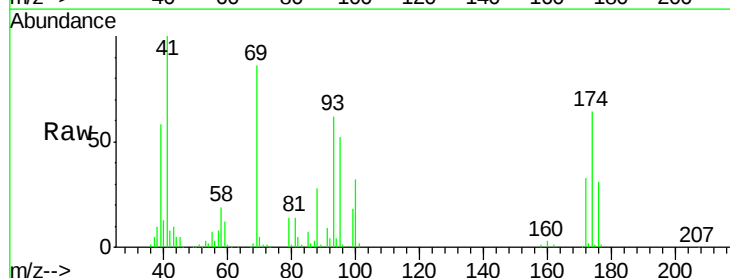
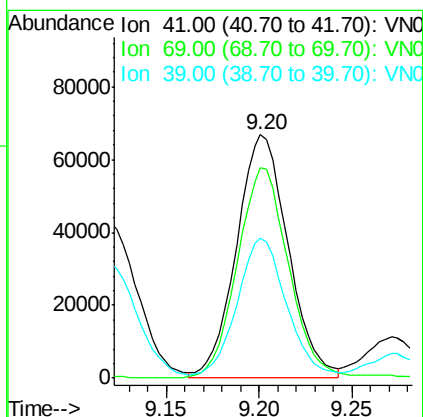
RT: 9.20 min Scan# 2367

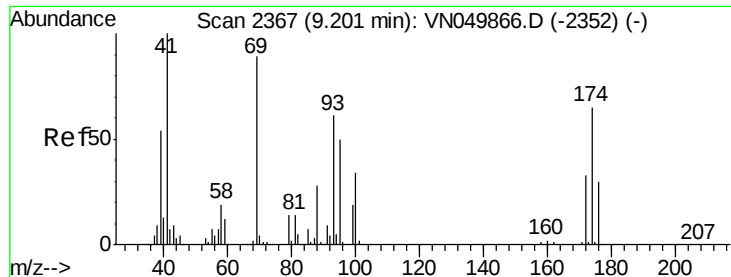
Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Tgt Ion:	41	Resp:	128542
Ion Ratio	Lower	Upper	
41	100		
69	87.3	71.5	107.3
39	55.4	44.7	67.1





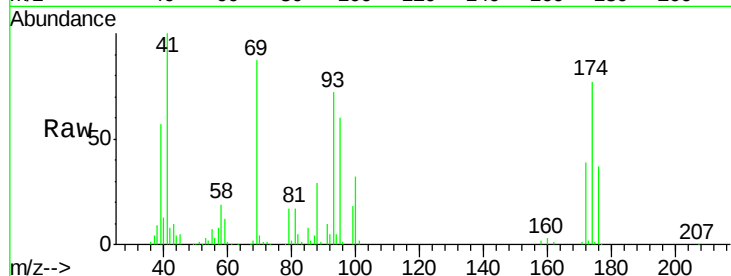
#49
1,4-Dioxane
Concen: 433.73 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampled :
VN0718WBS01

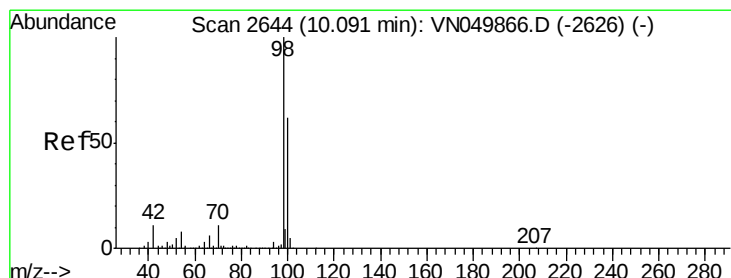
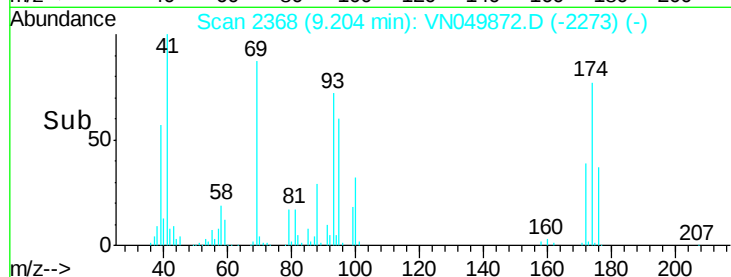
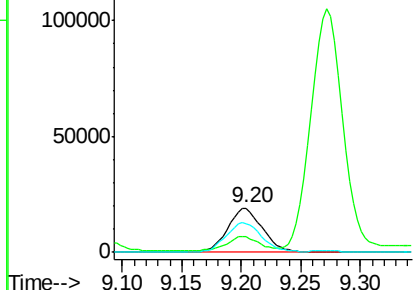
Tot Ion	Ratio	Lower	Upper
88	100		
43	30.3	25.1	37.7
58	68.4	52.5	78.7

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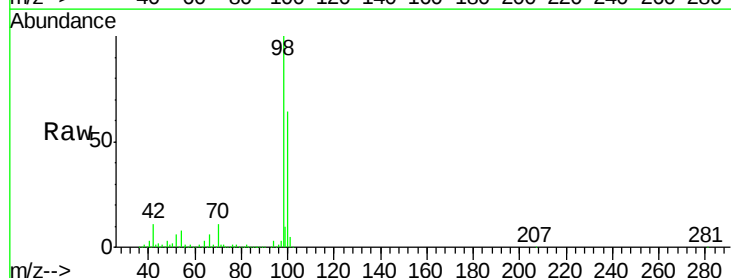


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

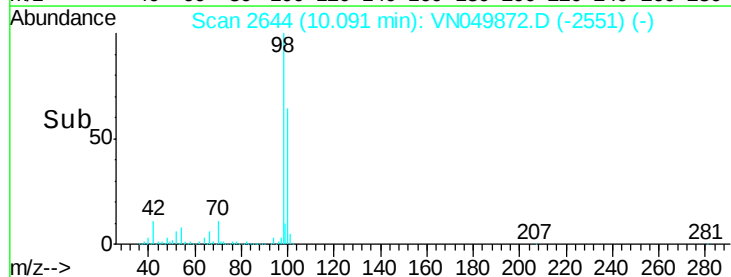
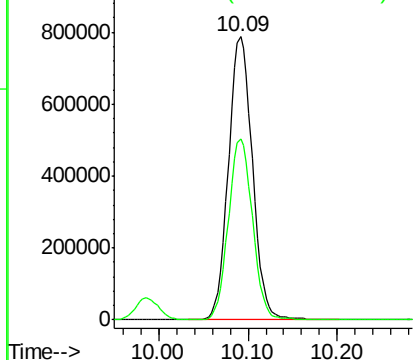


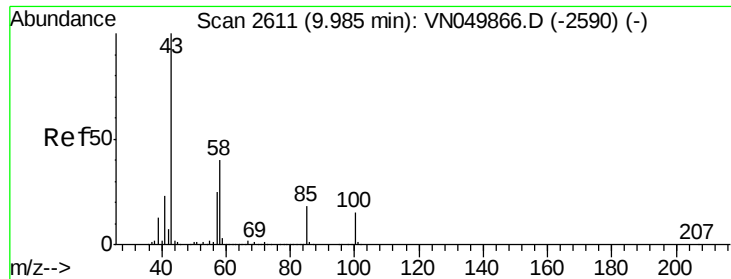
#50
Toluene-d8
Concen: 50.76 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





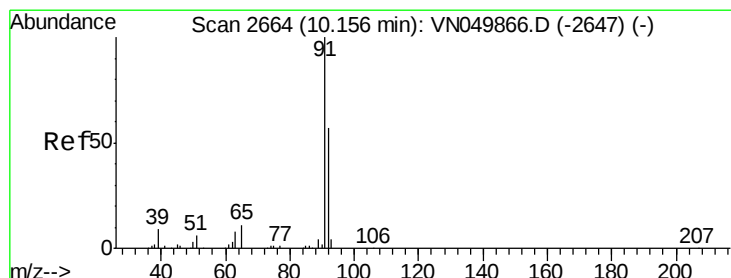
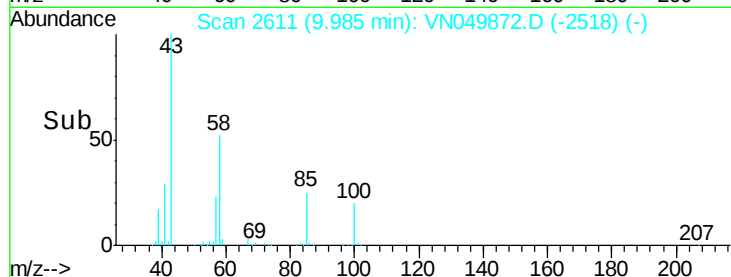
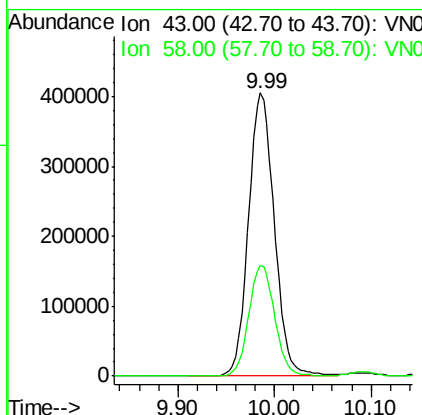
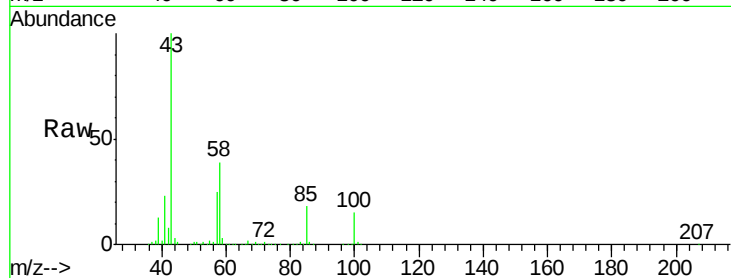
#51
4-Methyl-2-Pentanone
Concen: 106.15 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tot Ion	43	Resp	749612
Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.8	47.8

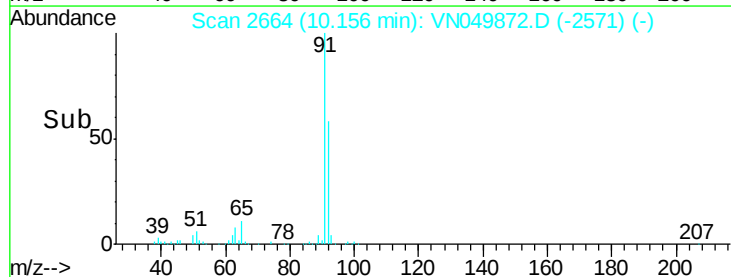
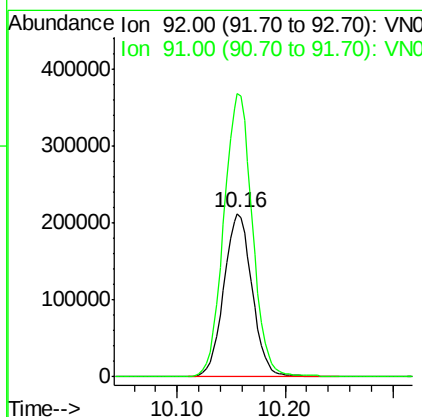
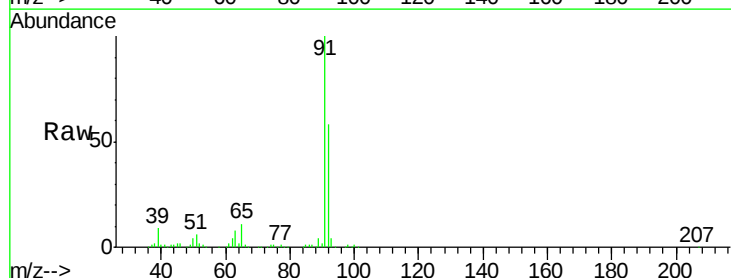
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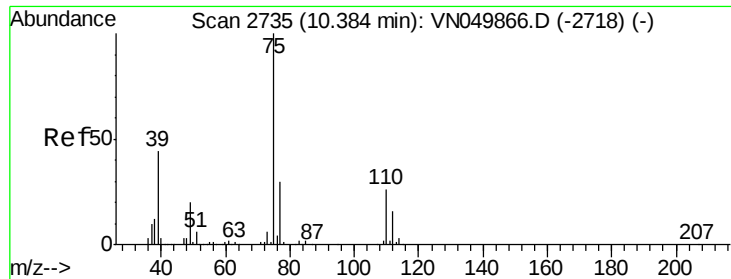
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#52
Toluene
Concen: 20.30 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion	92	Resp	388629
Ion	Ratio	Lower	Upper
92	100		
91	174.8	140.1	210.1





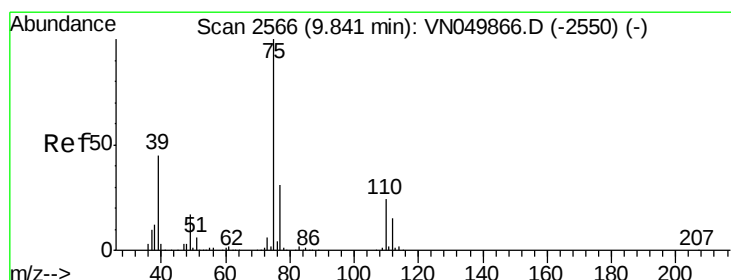
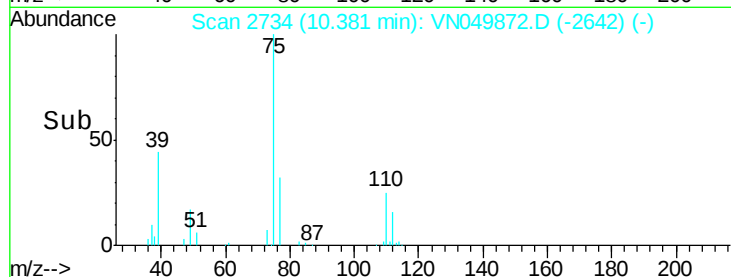
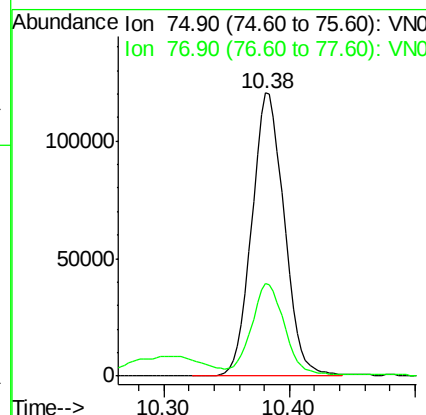
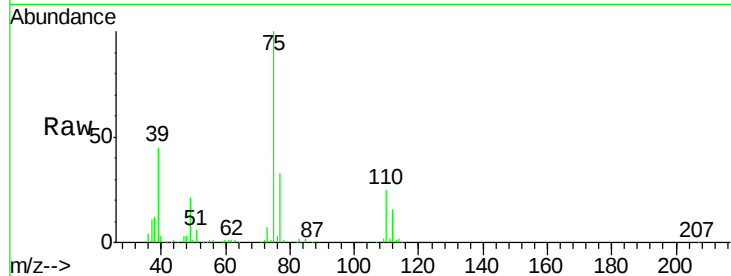
#53
t-1,3-Dichloropropene
Concen: 19.82 ug/l
RT: 10.38 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampled :
VN0718WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.2	37.8

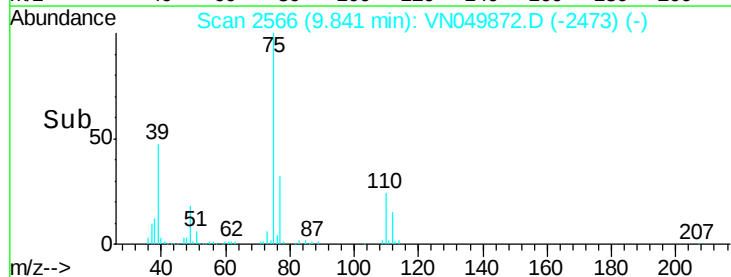
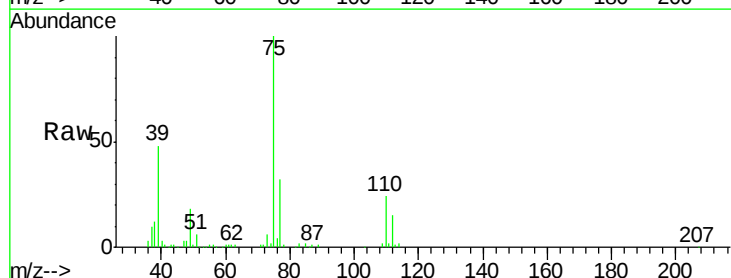
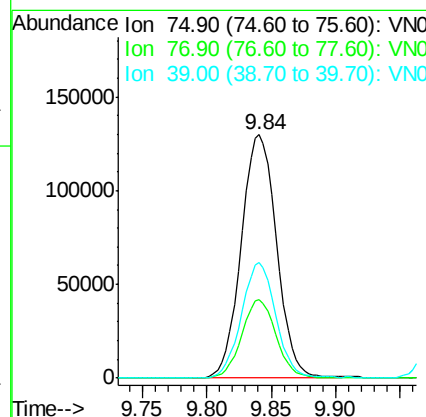
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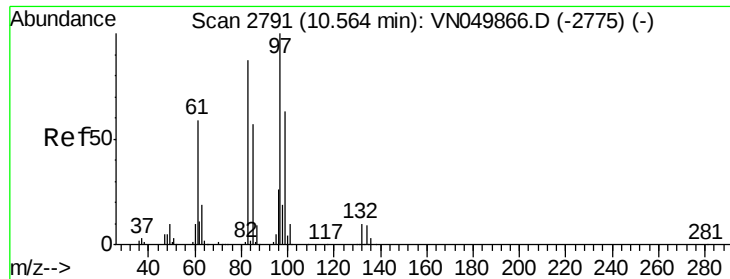
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#54
cis-1,3-Dichloropropene
Concen: 20.48 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
39	47.4	35.5	53.3





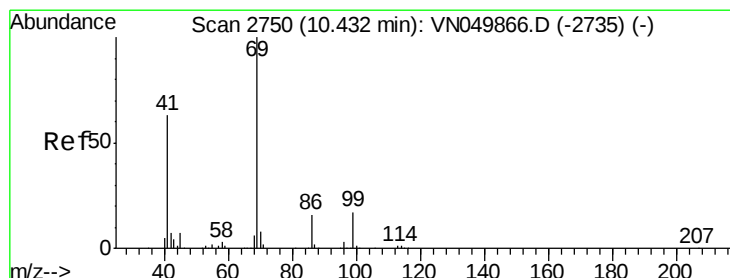
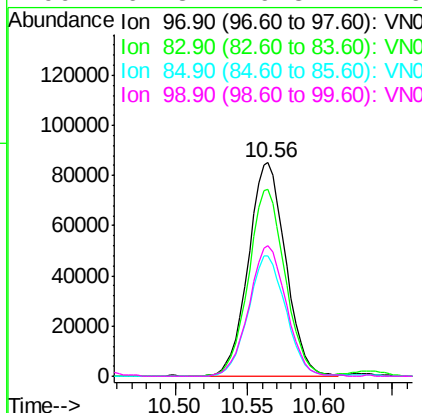
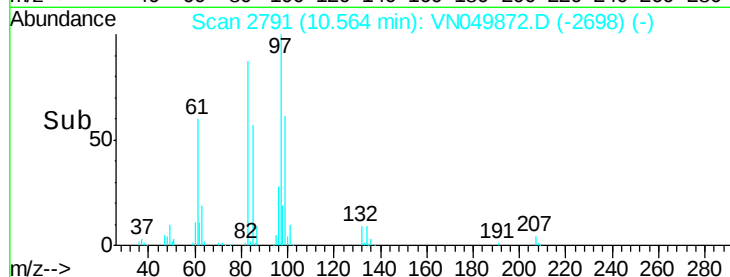
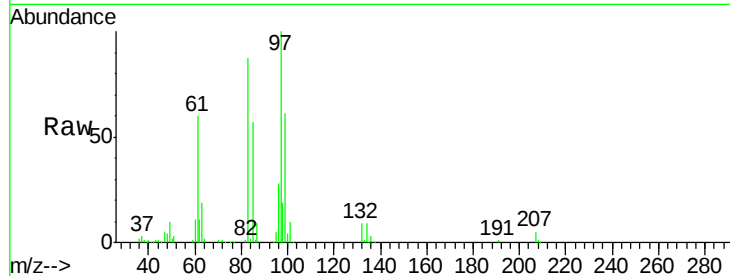
#55
 1,1,2-Trichloroethane
 Concen: 19.28 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		152460		
83	87.3	69.0	103.6		
85	56.6	44.9	67.3		
99	61.3	49.8	74.6		

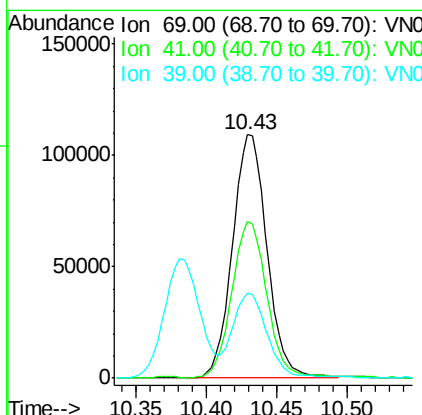
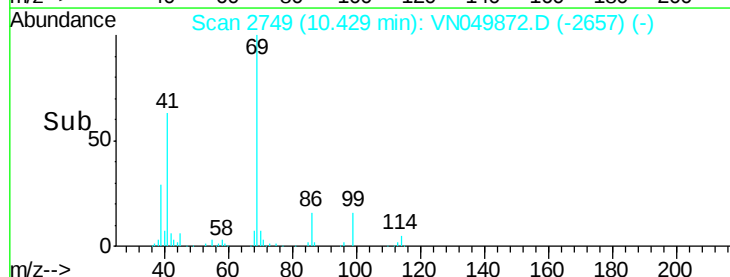
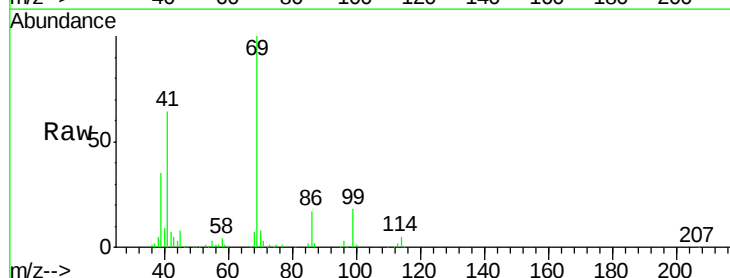
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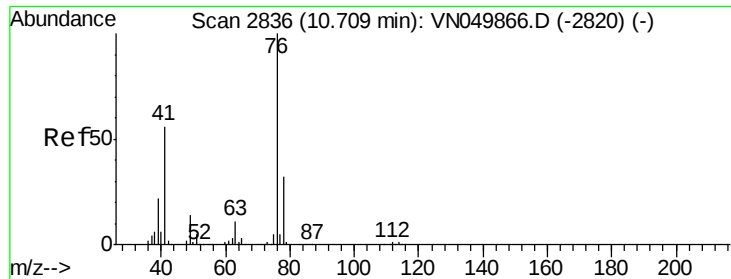
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#56
 Ethyl methacrylate
 Concen: 19.07 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		187716		
41	64.5	51.6	77.4		
39	34.3	25.8	38.8		





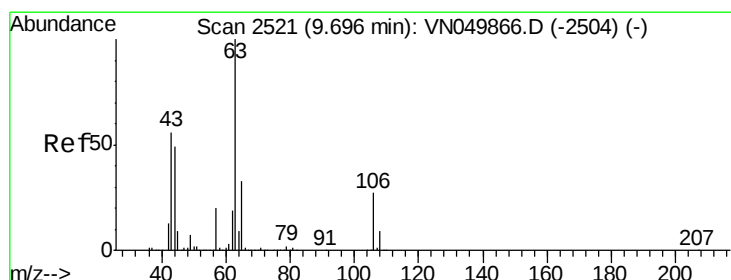
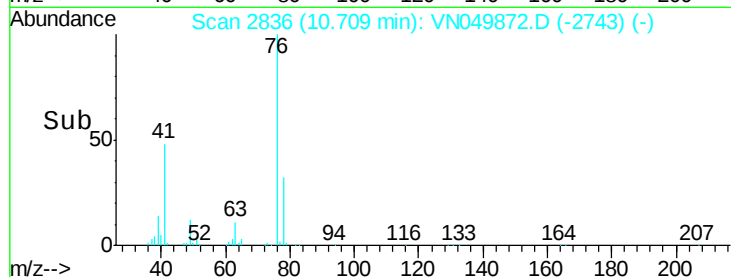
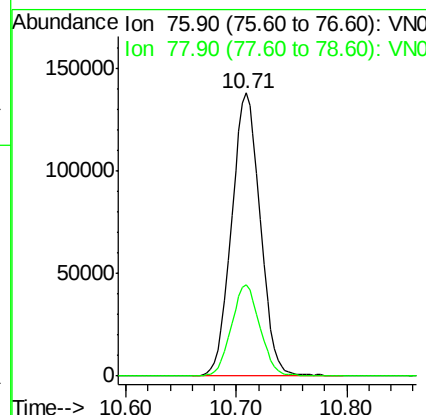
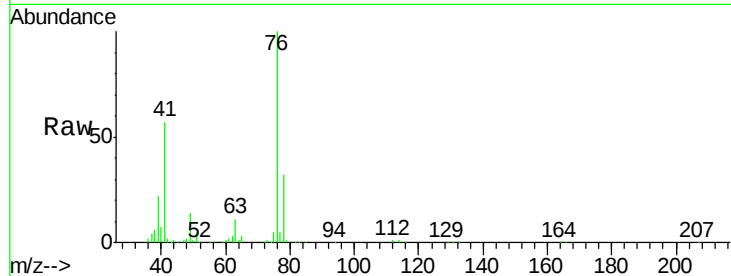
#57
 1,3-Dichloropropane
 Concen: 19.95 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Tot Ion: 76 Resp: 248540
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8

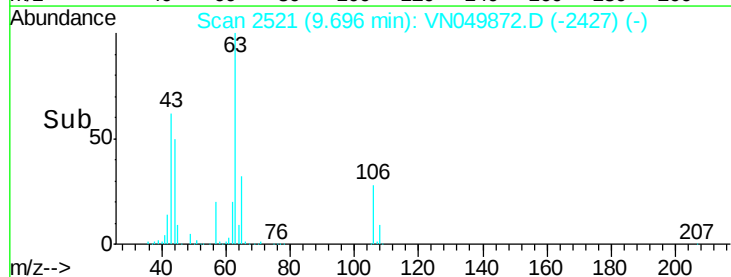
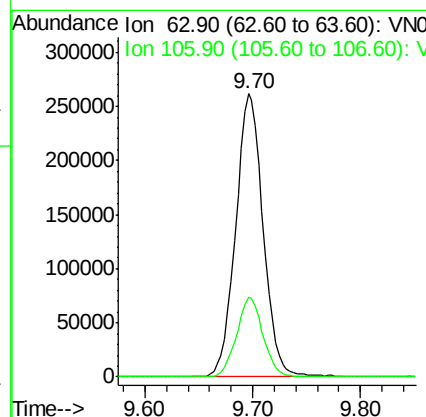
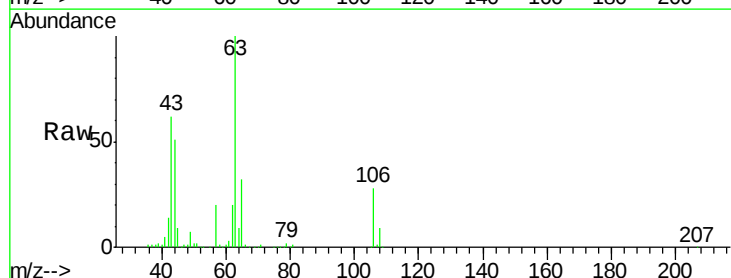
Manual Integrations
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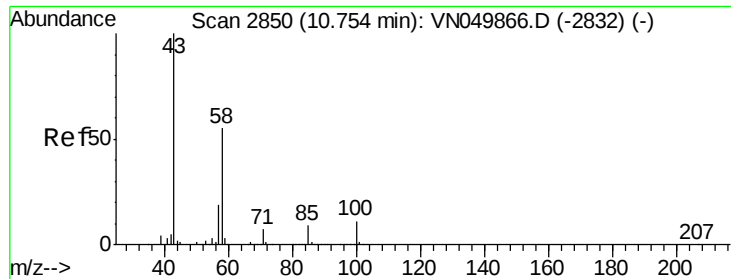
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#58
 2-Chloroethyl Vinyl ether
 Concen: 110.27 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion: 63 Resp: 464596
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.8 32.8





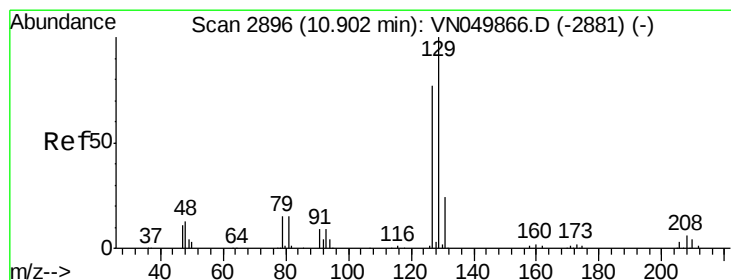
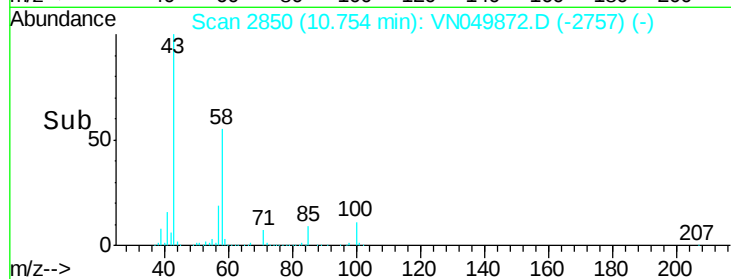
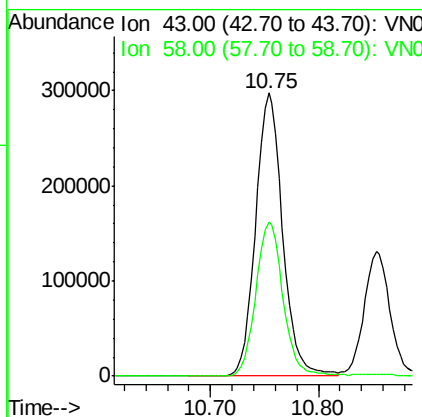
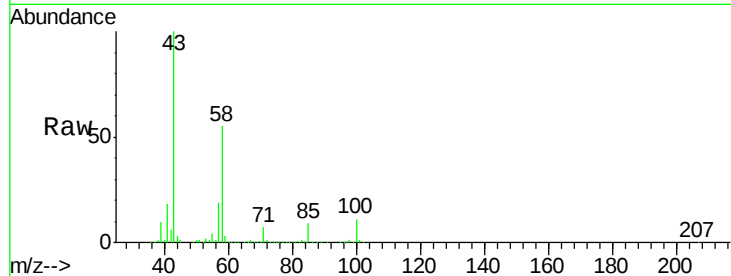
#59
2-Hexanone
Concen: 108.35 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tot Ion: 43 Resp: 513976
Ion Ratio Lower Upper
43 100
58 55.1 27.8 83.4

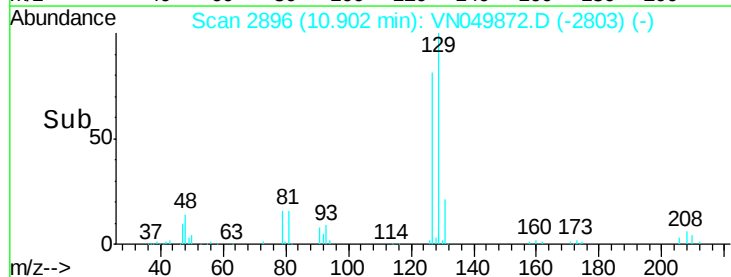
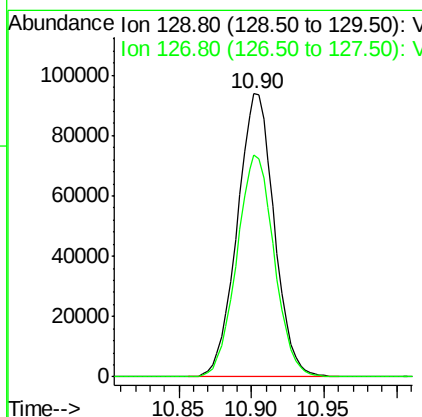
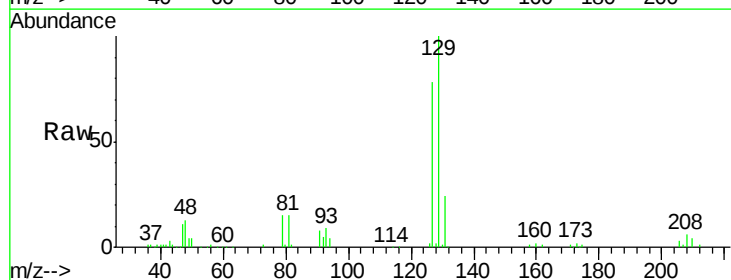
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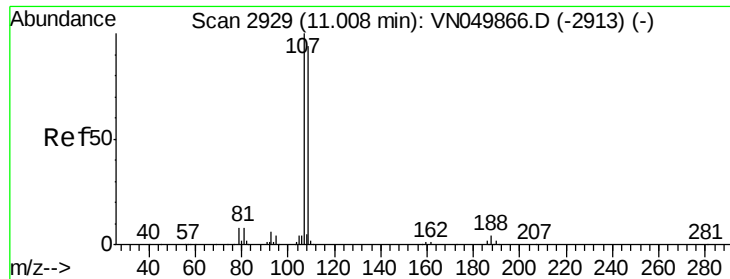
apatel
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#60
Dibromochloromethane
Concen: 19.21 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion: 129 Resp: 166622
Ion Ratio Lower Upper
129 100
127 79.0 38.3 114.9





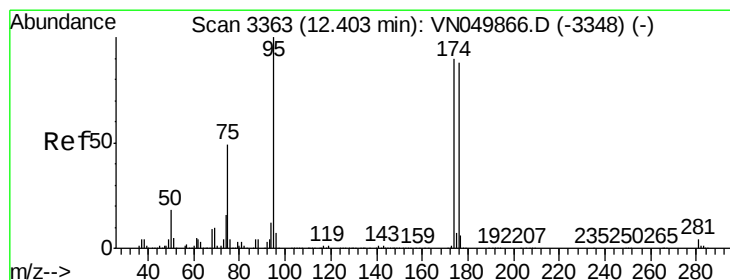
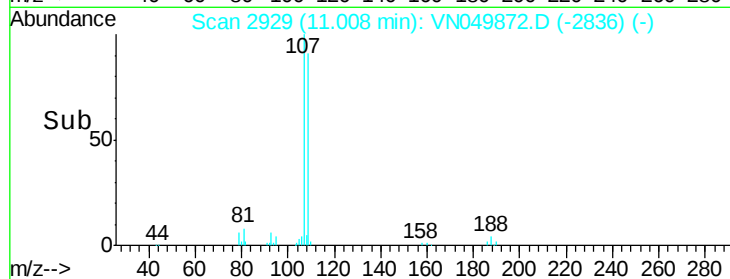
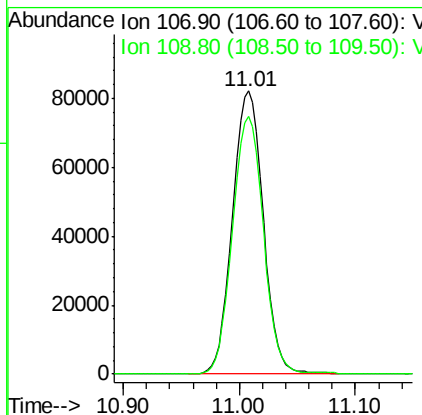
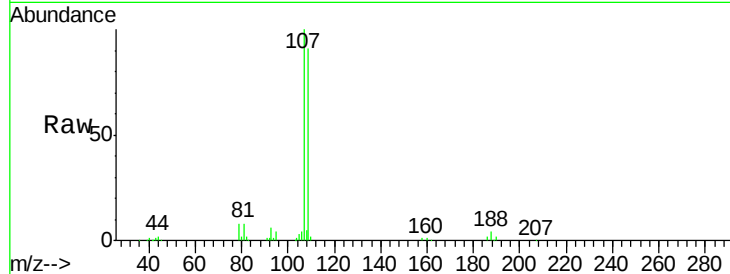
#61
 1,2-Dibromoethane
 Concen: 20.39 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.7	75.0	112.6

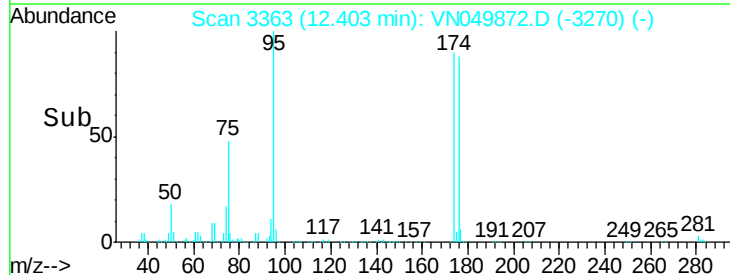
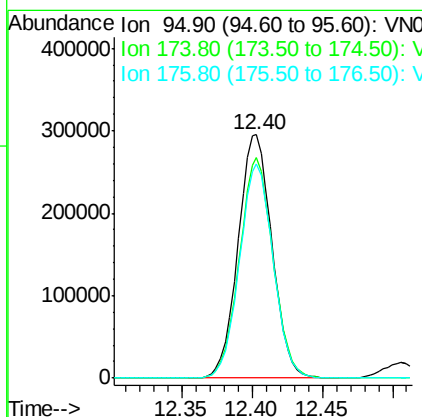
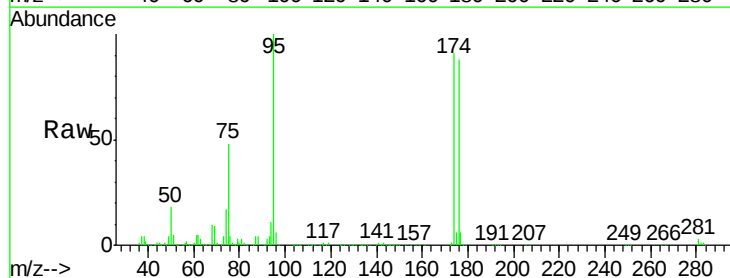
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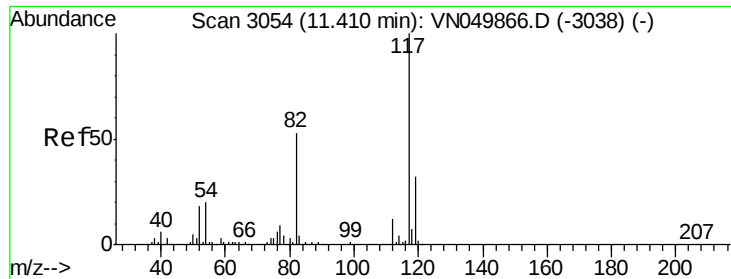
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.89 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	179.6
176	87.1	0.0	174.0





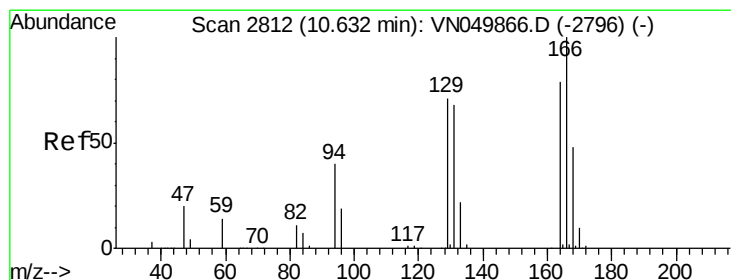
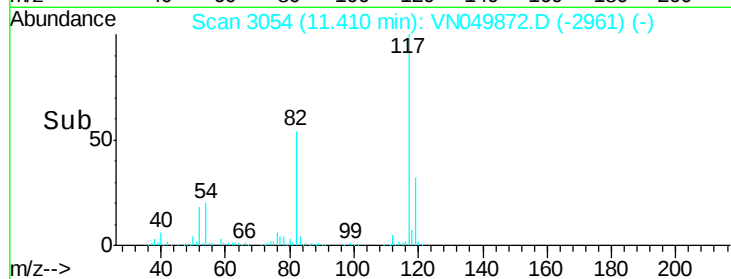
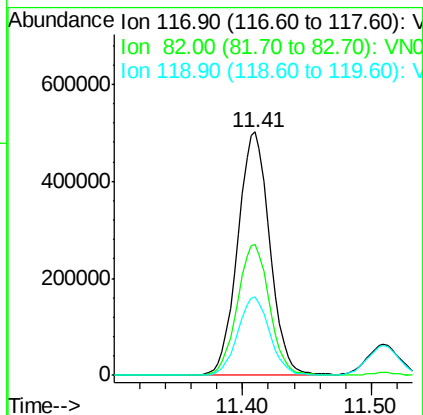
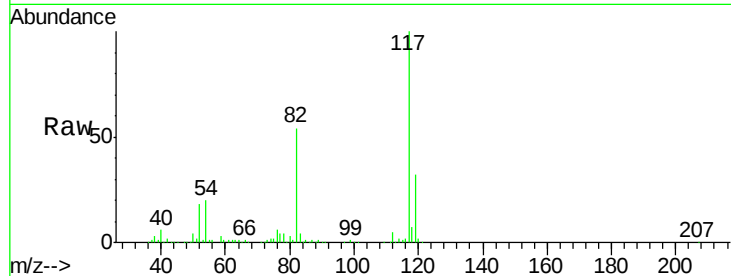
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	41.9	62.9
119	32.0	25.4	38.2

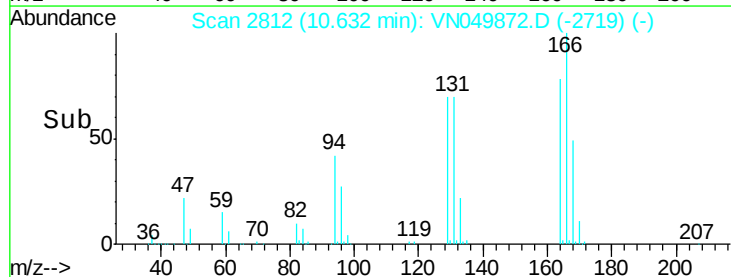
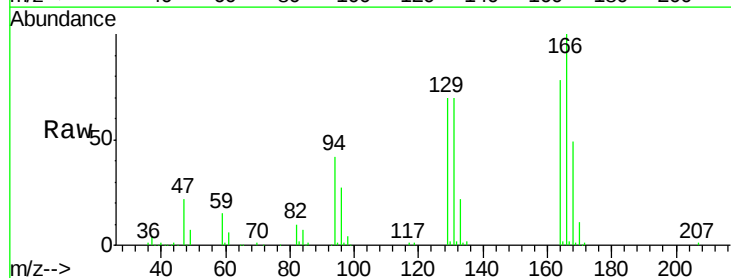
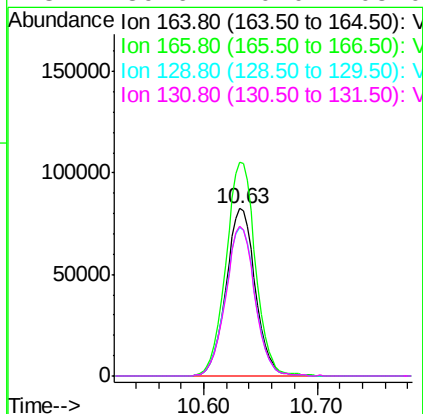
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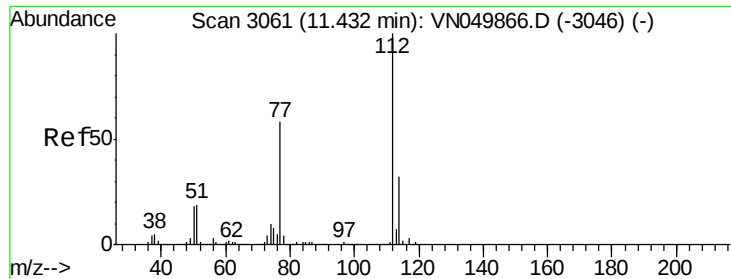
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#64
Tetrachloroethene
Concen: 18.97 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	101.8	152.6
129	89.1	72.8	109.2
131	89.6	70.0	105.0





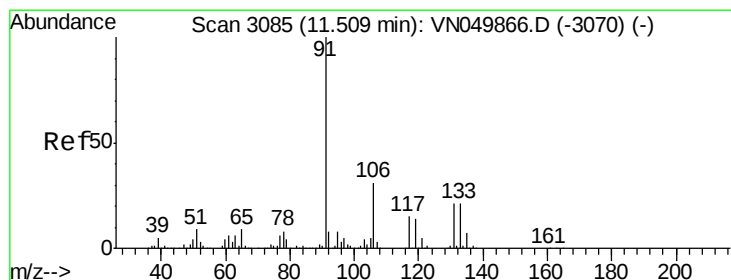
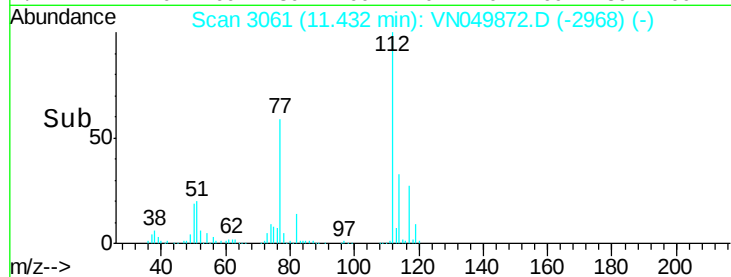
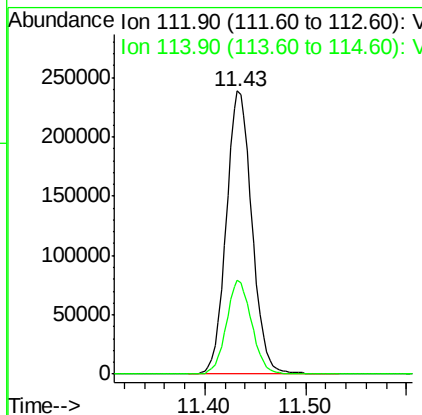
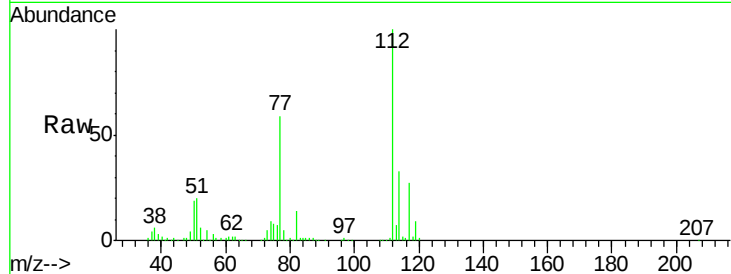
#65
Chlorobenzene
Concen: 19.38 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampled :
VN0718WBS01

Tot Ion:112 Resp: 422764
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.0

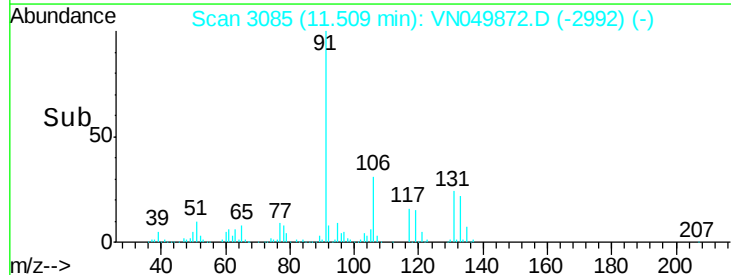
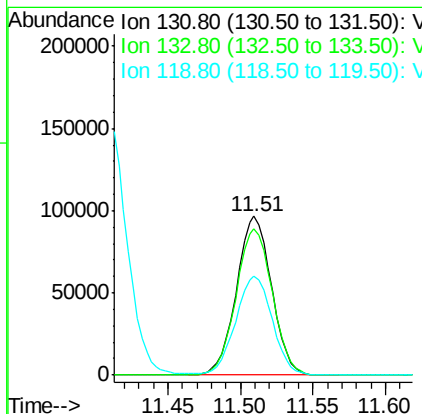
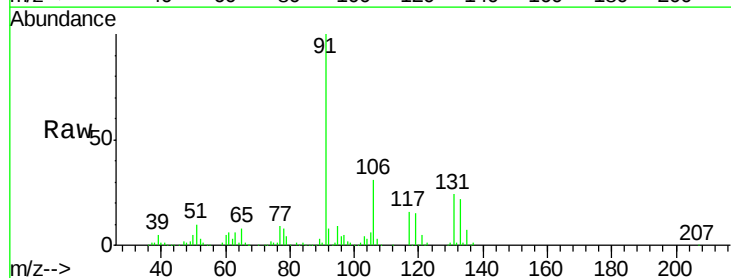
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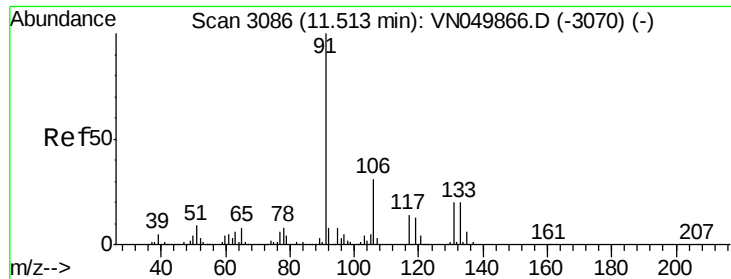
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.26 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion:131 Resp: 162737
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.6
119 65.1 33.1 99.3





#67

Ethyl Benzene

Concen: 19.95 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

VN0718WBS01

Tot Ion: 91 Resp: 706040

Ion Ratio Lower Upper

91 100

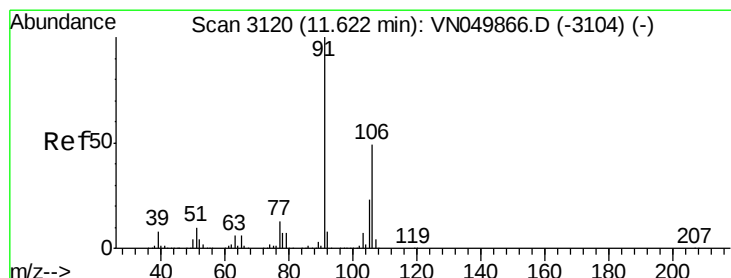
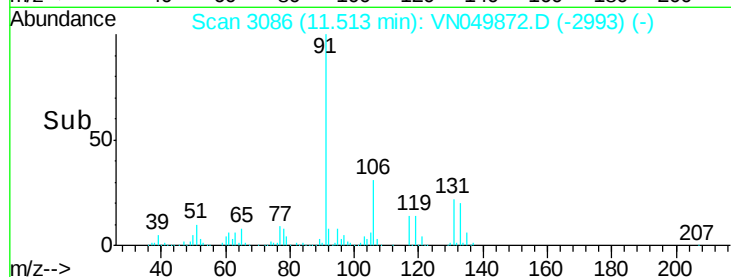
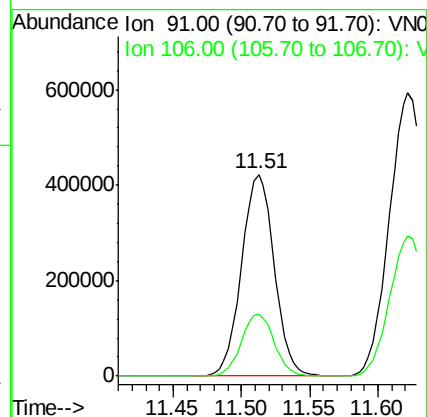
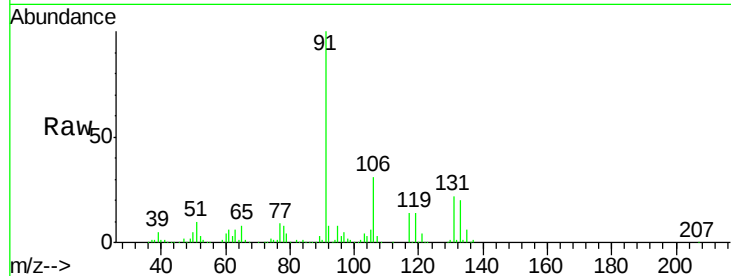
106 30.8 24.8 37.2

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#68

m/p-Xylenes

Concen: 41.09 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049872.D

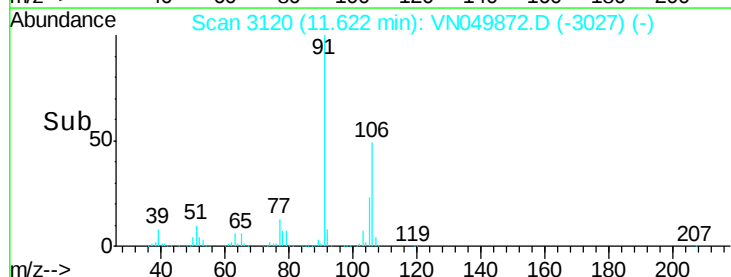
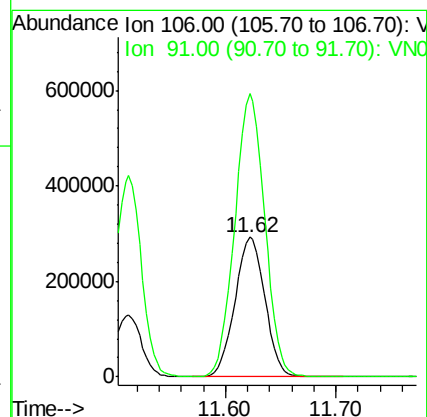
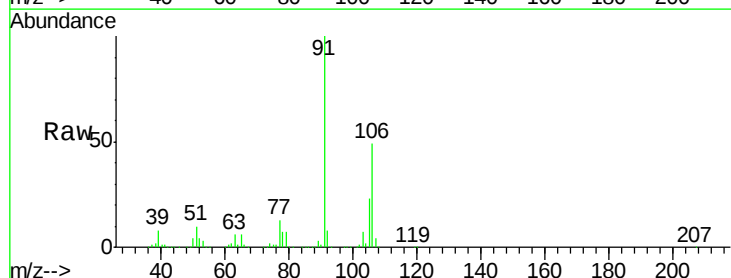
Acq: 18 Jul 2018 15:01

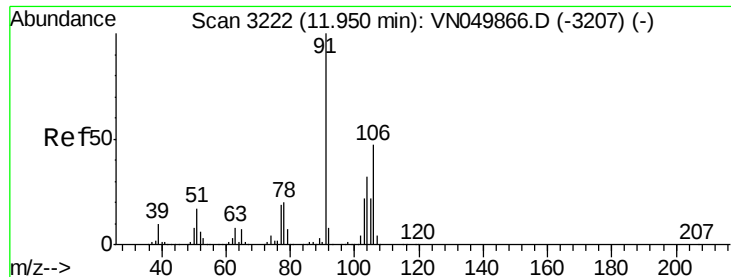
Tgt Ion: 106 Resp: 550511

Ion Ratio Lower Upper

106 100

91 202.7 163.4 245.2





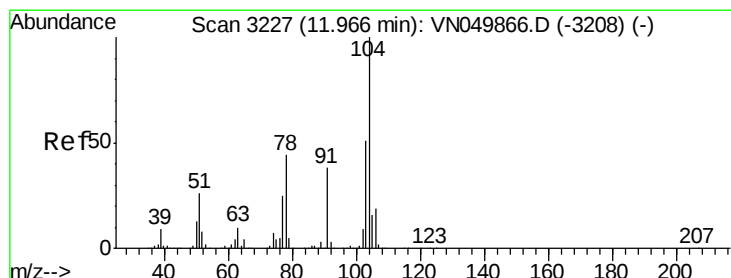
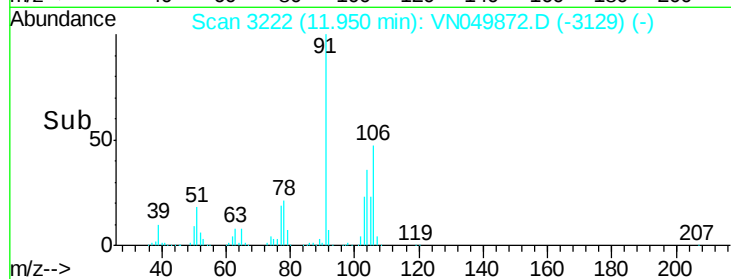
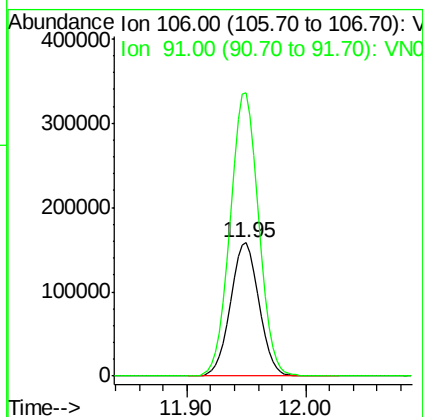
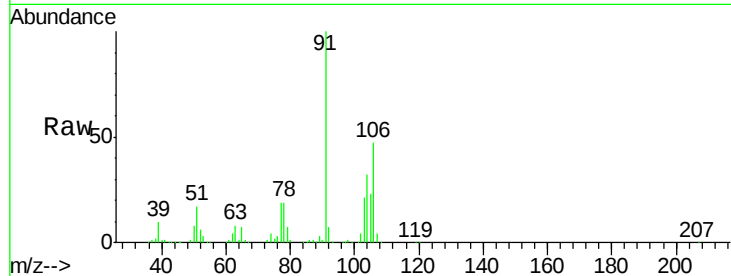
#69
o-Xylene
Concen: 20.45 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		263167		
91	212.3	108.7	326.1		

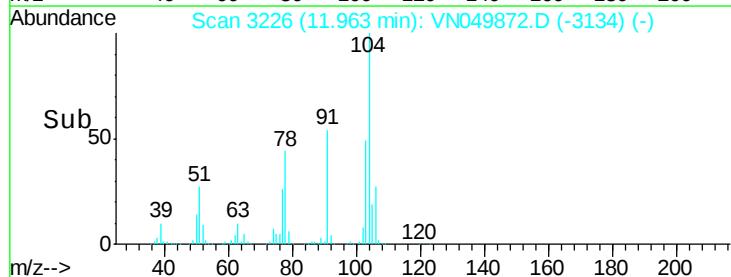
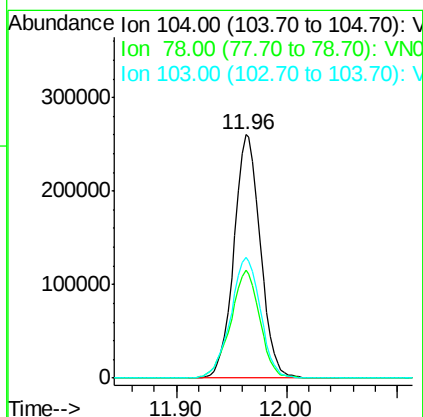
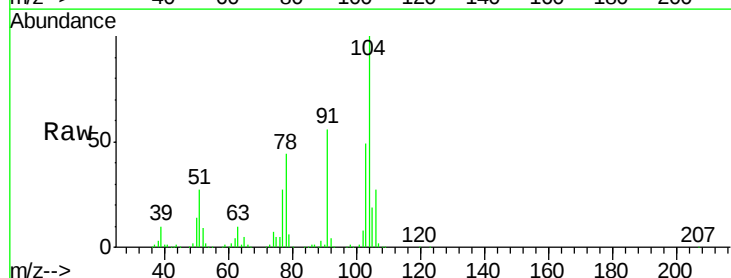
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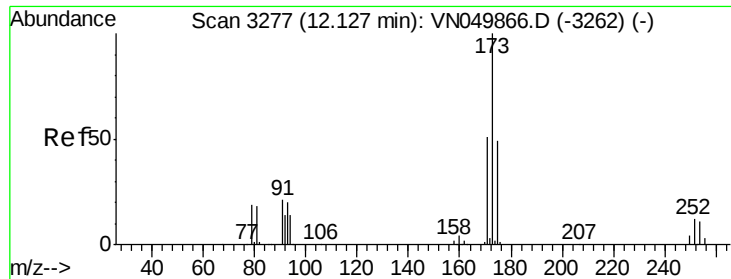
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#70
Styrene
Concen: 20.81 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		433744		
78	48.9	39.2	58.8		
103	55.6	44.6	67.0		





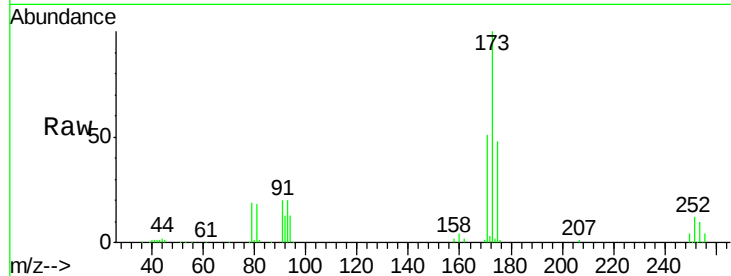
#71
Bromoform
Concen: 19.96 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

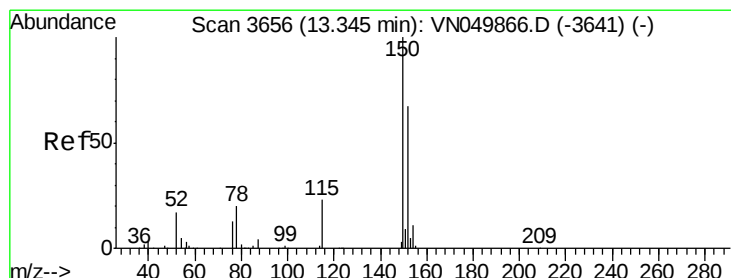
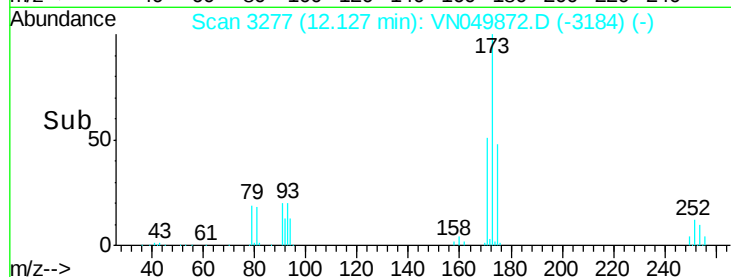
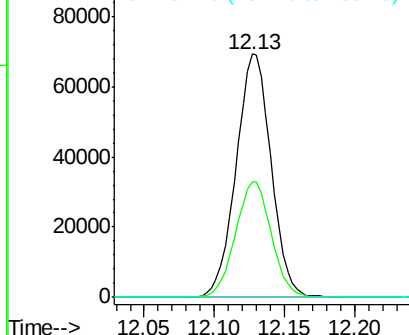
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.6	73.8
254	0.0	0.2	0.2

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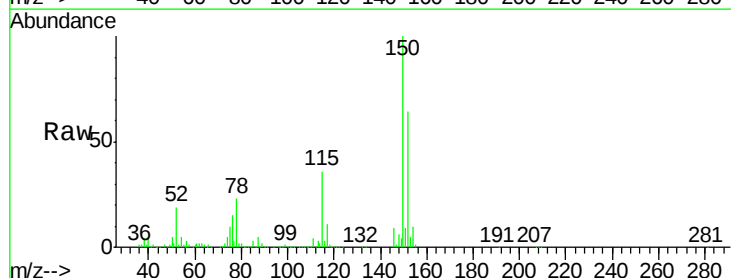


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

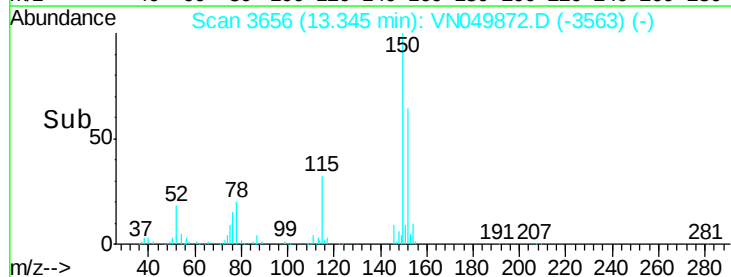
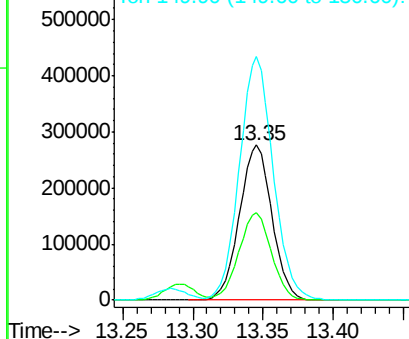


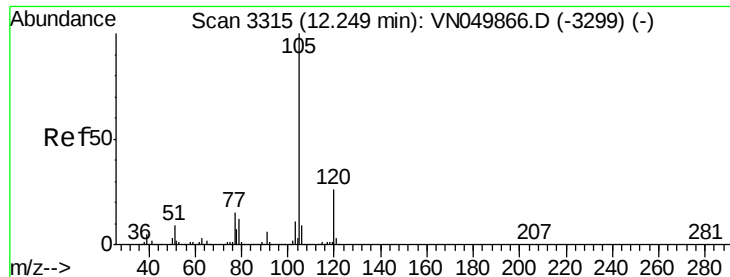
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.1	84.2
150	163.5	0.0	347.6



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





#73

Isopropylbenzene

Concen: 20.69 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

VN0718WBS01

Tot Ion: 105 Resp: 701175

Ion Ratio Lower Upper

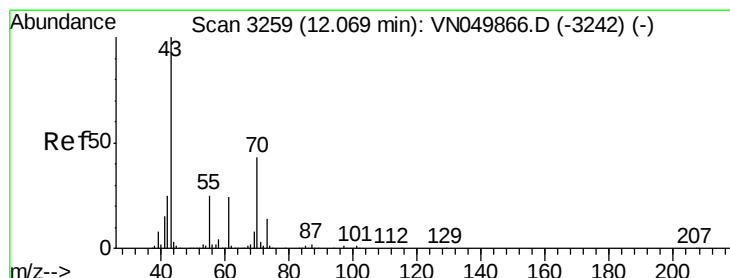
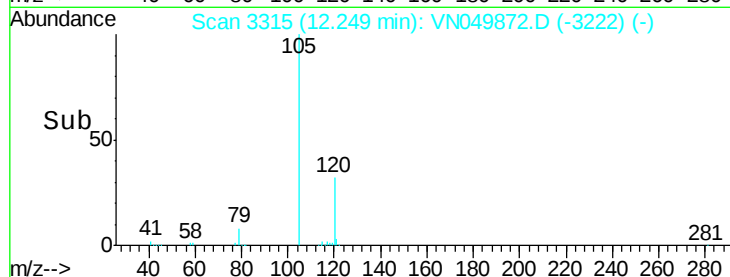
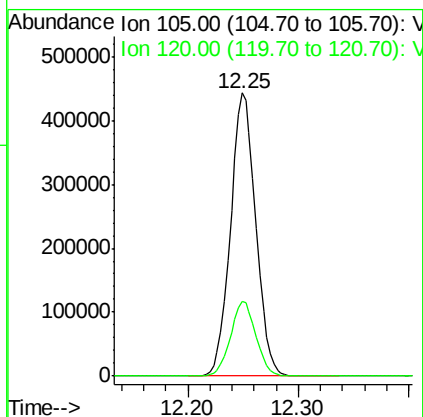
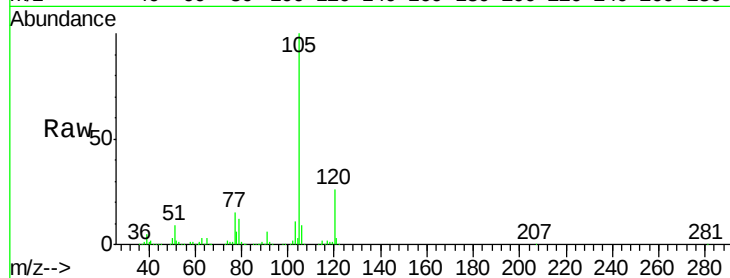
105 100

120 26.4 13.3 39.8

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#74

N-ethyl acetate

Concen: 21.01 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Tgt Ion: 43 Resp: 216690

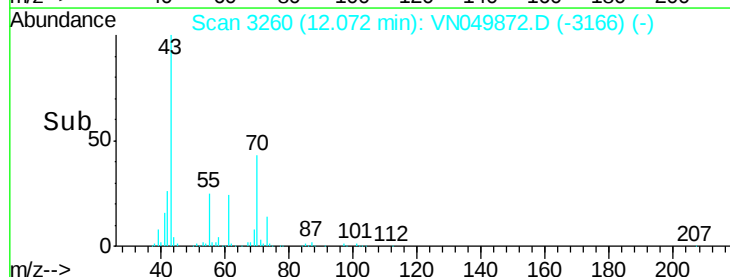
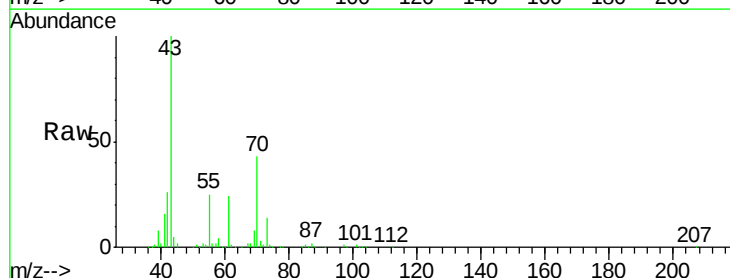
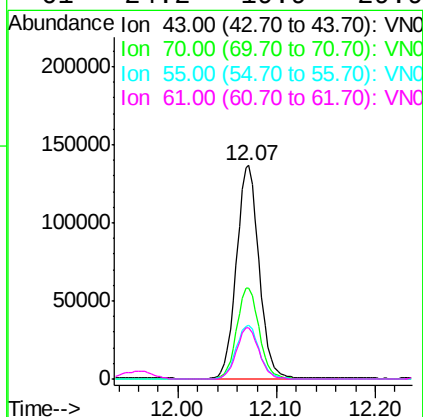
Ion Ratio Lower Upper

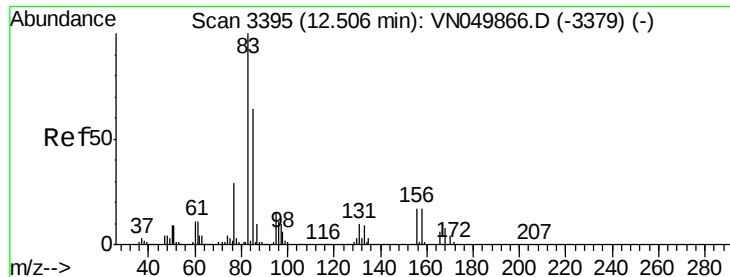
43 100

70 42.6 34.8 52.2

55 25.9 20.9 31.3

61 24.2 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.87 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS01

Tot Ion: 83 Resp: 201692

Ion Ratio Lower Upper

83 100

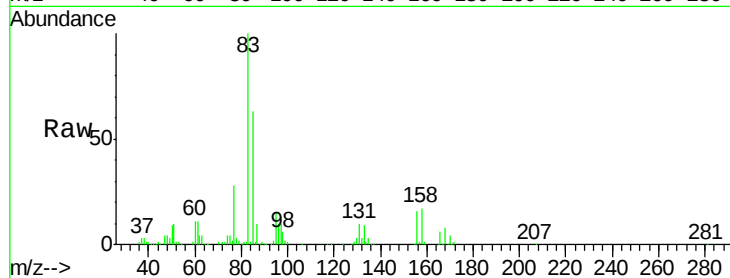
131 10.4 5.2 15.6

85 63.8 32.5 97.4

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Abundance Ion 82.90 (82.60 to 83.60): VN049866.D (-3379) (-)

Ion 130.80 (130.50 to 131.50): VN049866.D (-3379) (-)

Ion 84.90 (84.60 to 85.60): VN049866.D (-3379) (-)

12.51

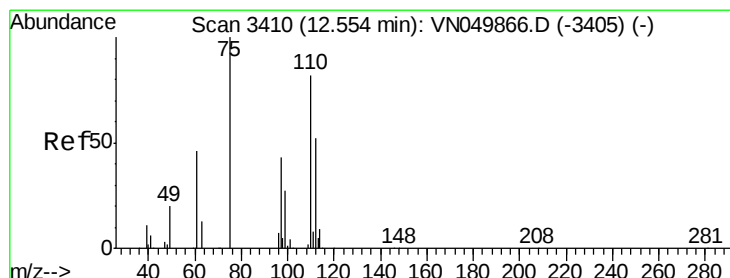
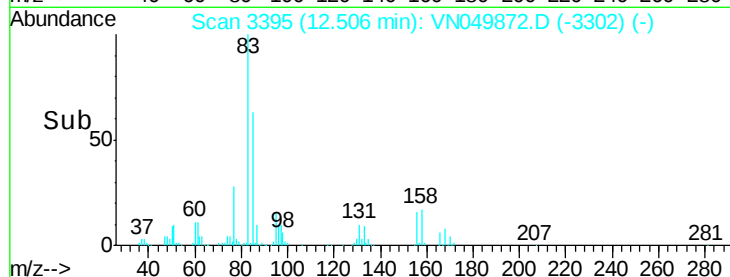
100000

50000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 18.46 ug/l m

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN049872.D

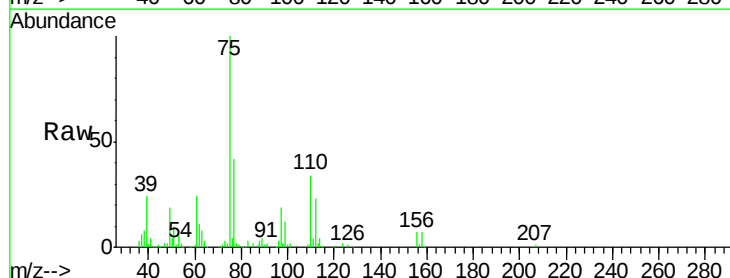
Acq: 18 Jul 2018 15:01

Tgt Ion: 75 Resp: 154487

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049866.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN049866.D (-3405) (-)

200000

150000

100000

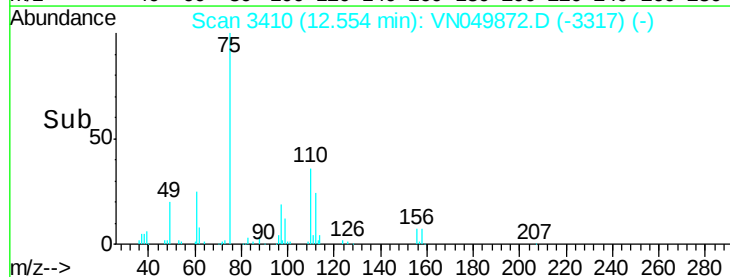
50000

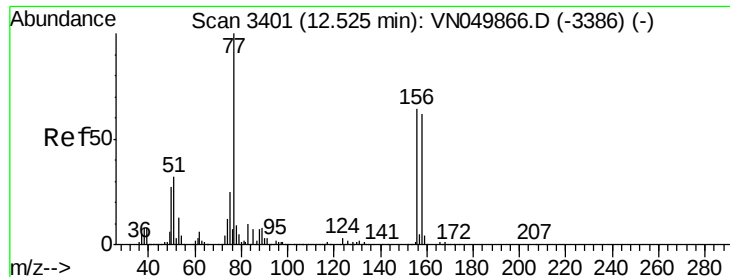
0

12.55

12.60

Time-->





#77

Bromobenzene

Concen: 19.90 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

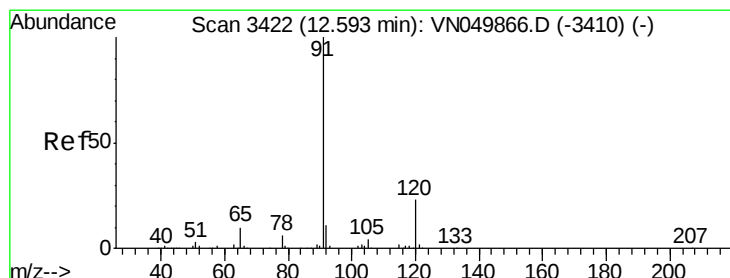
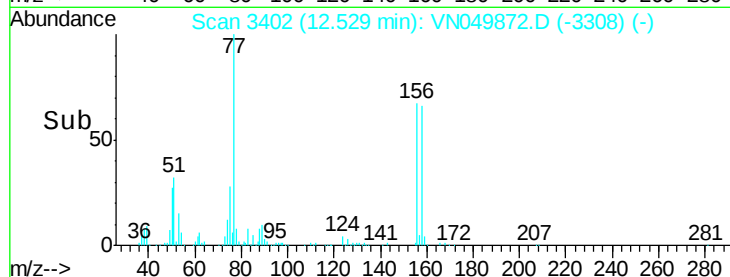
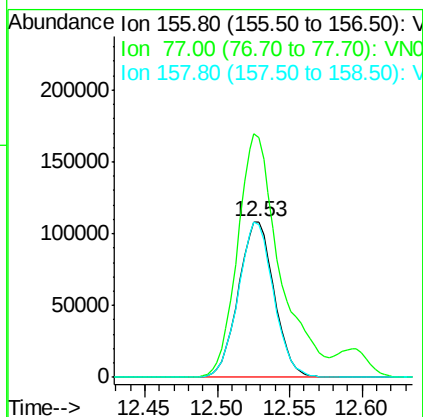
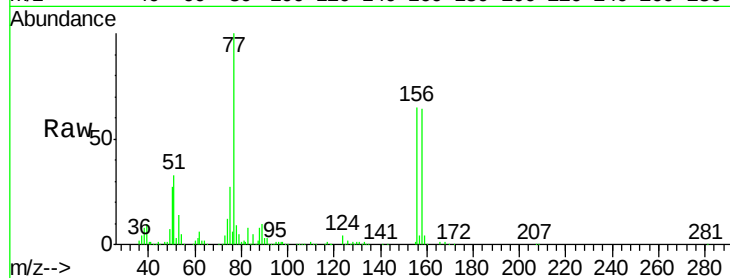
ClientSampleId :

VN0718WBS01

Tot Ion:	156	Resp:	186176
Ion Ratio	Lower	Upper	
156	100		
77	184.5	90.2	270.6
158	98.1	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 20.84 ug/l

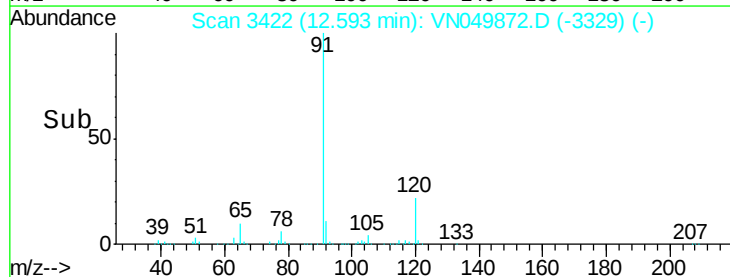
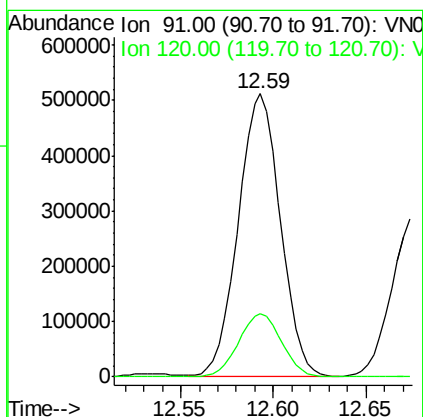
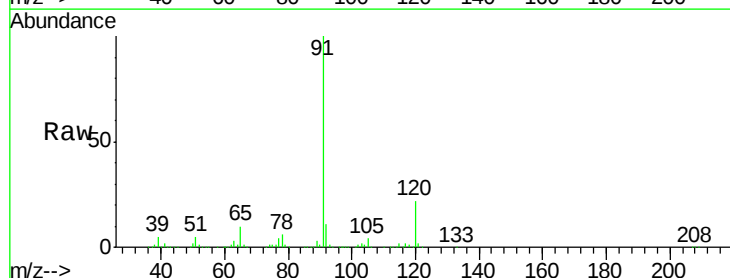
RT: 12.59 min Scan# 3422

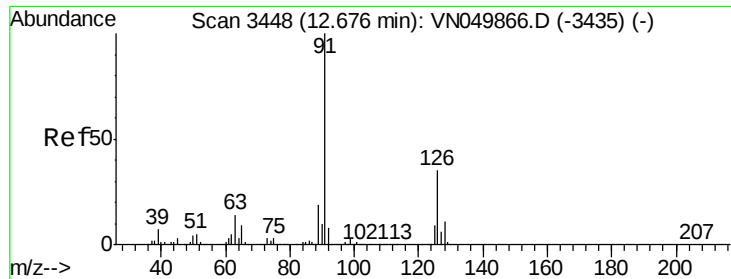
Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Tgt Ion:	91	Resp:	802924
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.66 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

VN0718WBS01

Tot Ion: 91 Resp: 488607

Ion Ratio Lower Upper

91 100

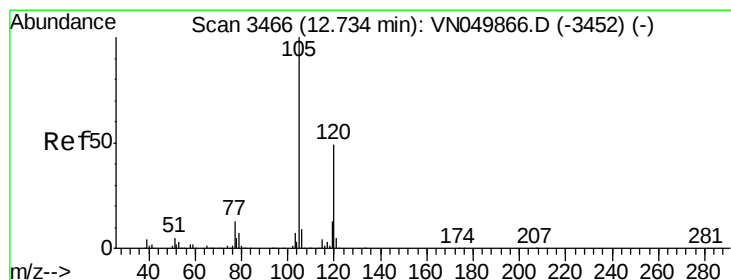
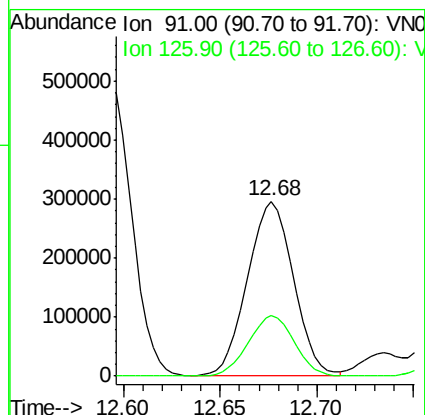
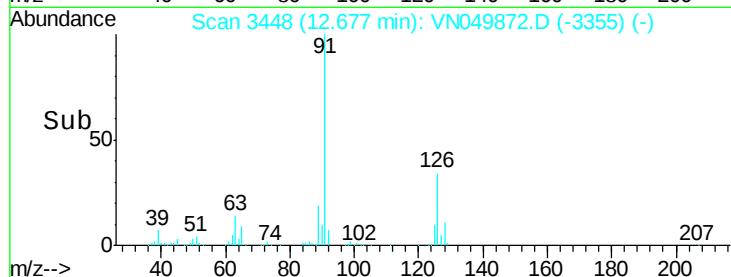
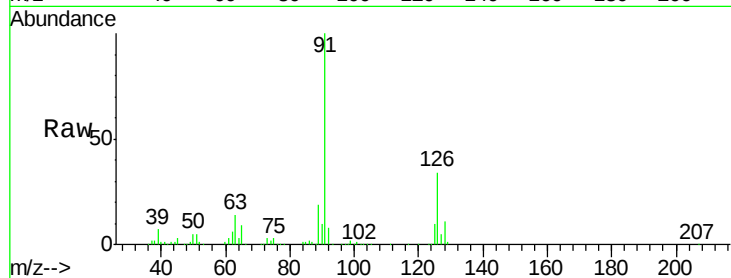
126 34.8 17.5 52.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.41 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049872.D

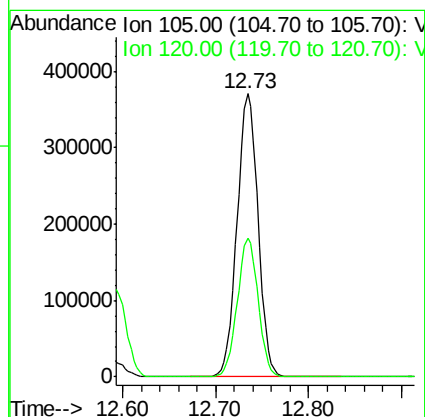
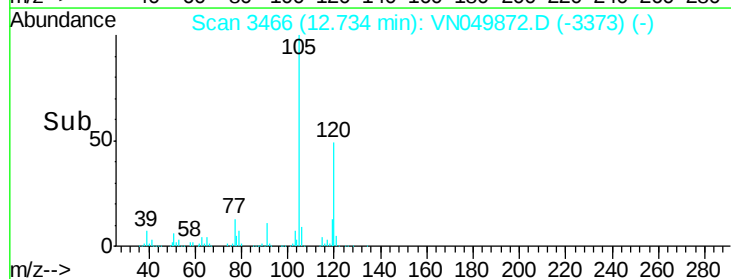
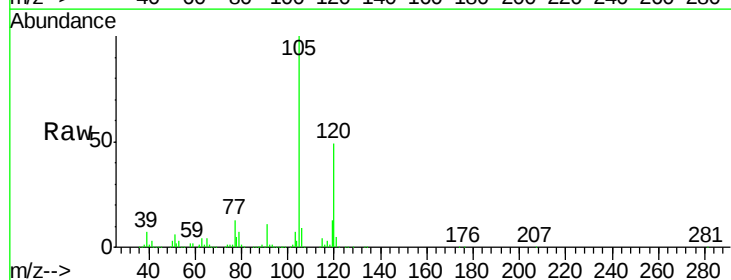
Acq: 18 Jul 2018 15:01

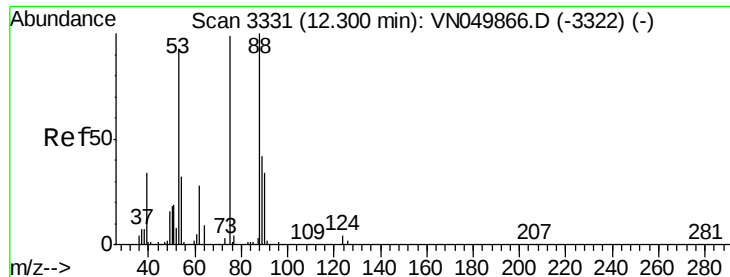
Tgt Ion: 105 Resp: 581447

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.75 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

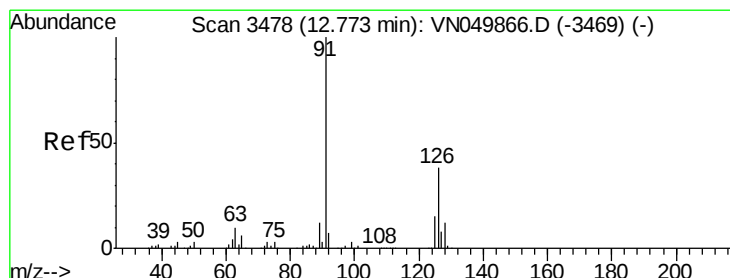
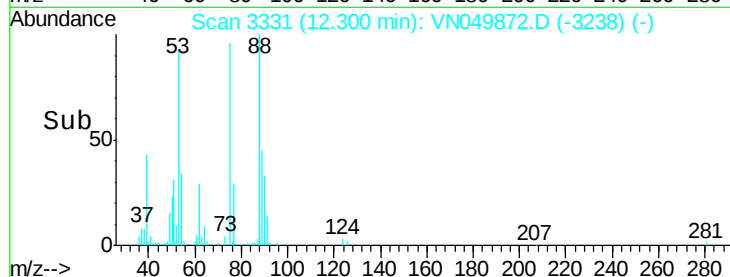
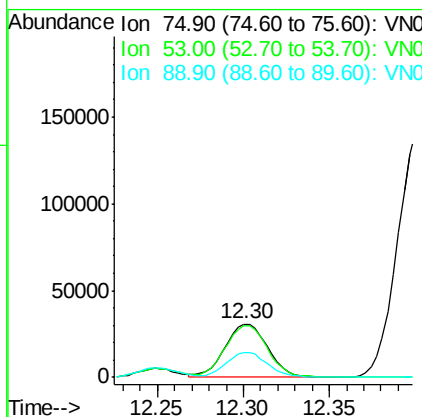
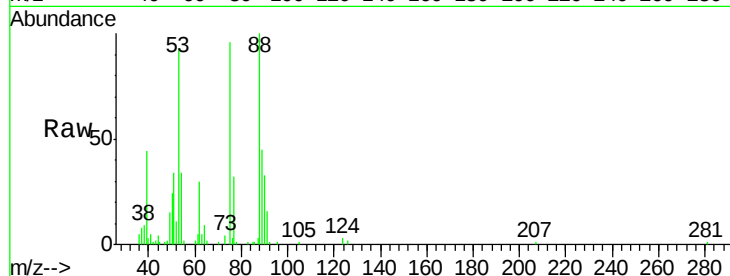
ClientSampled :

VN0718WBS01

Tot Ion:	75	Resp:	52861
Ion Ratio	Lower	Upper	
75	100		
53	98.2	73.9	110.9
89	46.1	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.96 ug/l

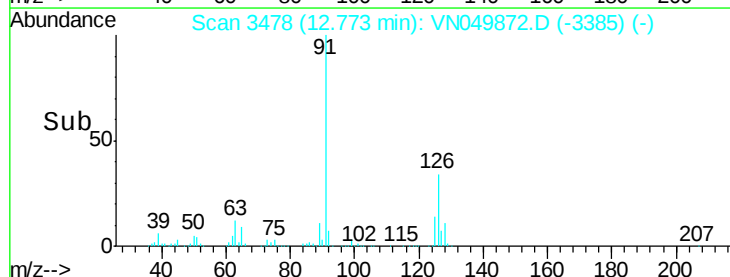
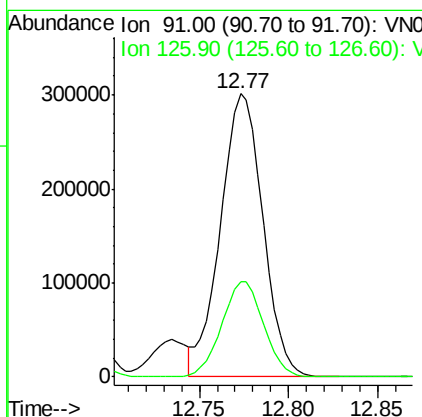
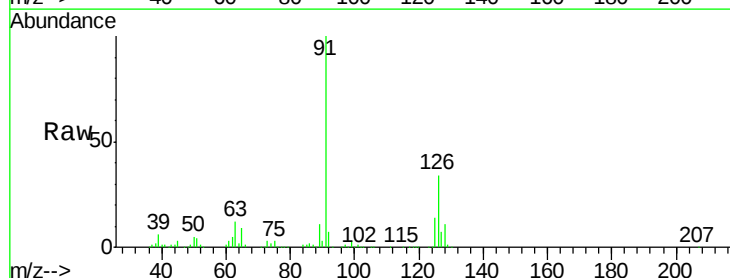
RT: 12.77 min Scan# 3478

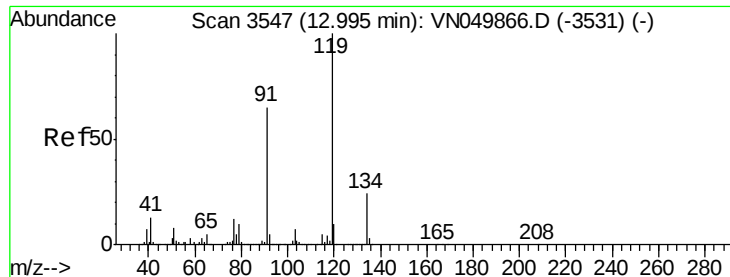
Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Tgt Ion:	91	Resp:	497292
Ion Ratio	Lower	Upper	
91	100		
126	33.4	17.2	51.6





#83

tert-Butylbenzene

Concen: 20.99 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

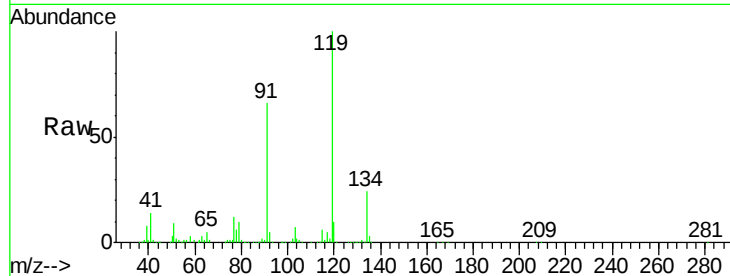
ClientSampleId :

VN0718WBS01

Tot Ion:	119	Resp:	500698
Ion Ratio	Lower	Upper	
119	100		
91	63.7	32.0	96.2
134	23.8	12.8	38.4

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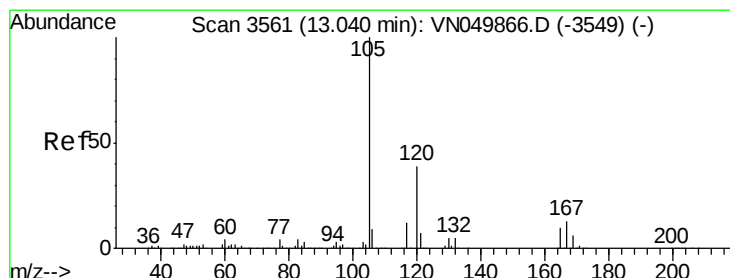
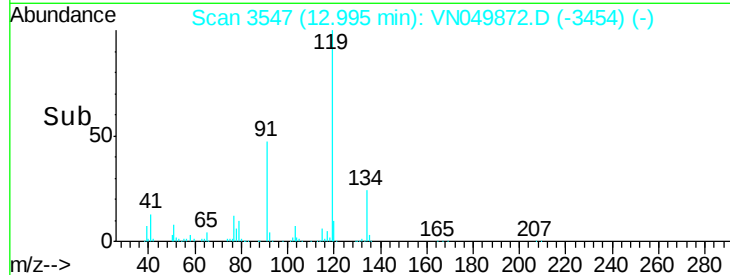
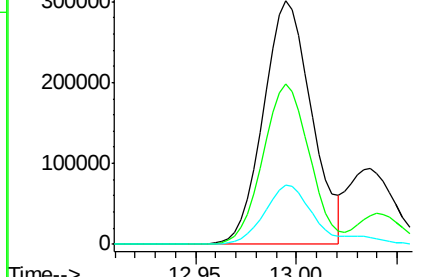
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.35 ug/l

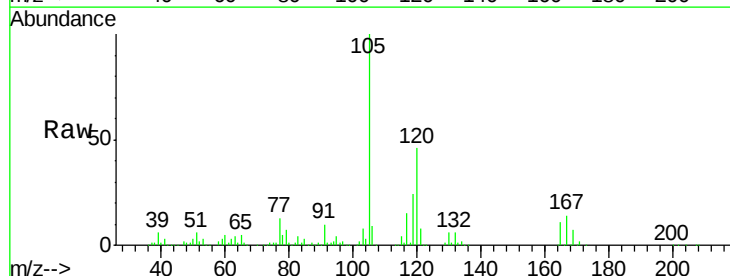
RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN049872.D

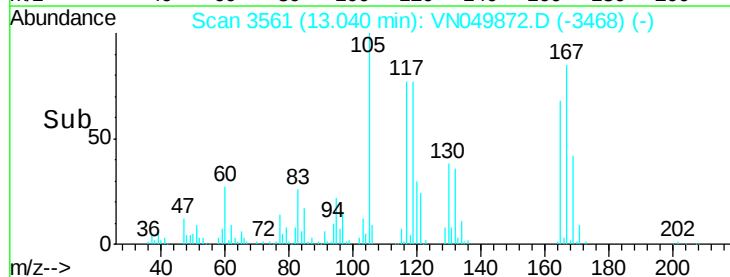
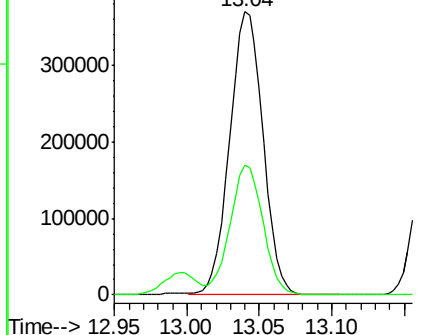
Acq: 18 Jul 2018 15:01

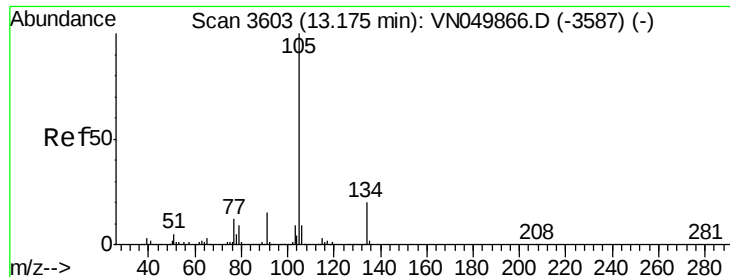
Tgt Ion:	105	Resp:	587275
Ion Ratio	Lower	Upper	
105	100		
120	45.3	22.7	68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.11 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS01

Tot Ion:105 Resp: 665459

Ion Ratio Lower Upper

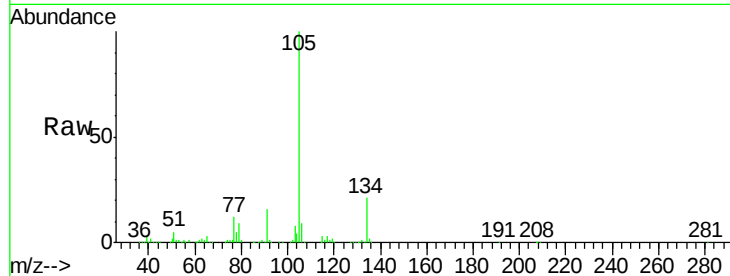
105 100

134 20.5 10.1 30.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

500000

400000

300000

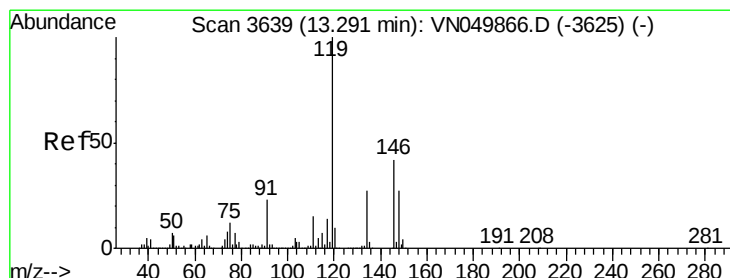
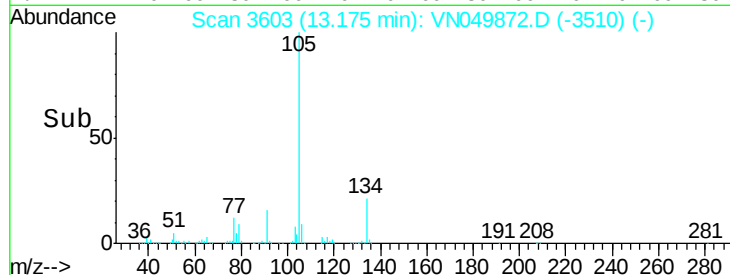
200000

100000

0

13.10 13.15 13.20 13.25

Time-->



#86

p-Isopropyltoluene

Concen: 21.21 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

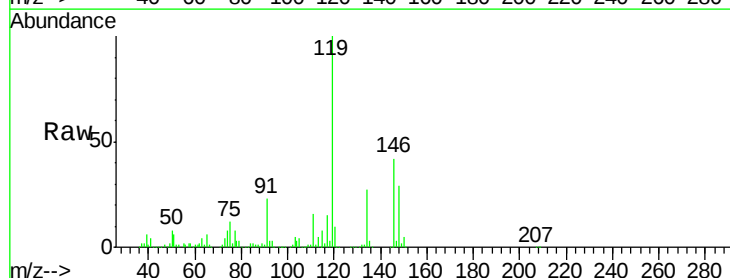
Tgt Ion:119 Resp: 569876

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 22.9 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

500000

400000

300000

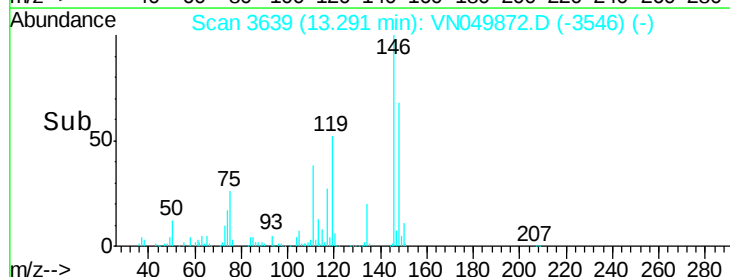
200000

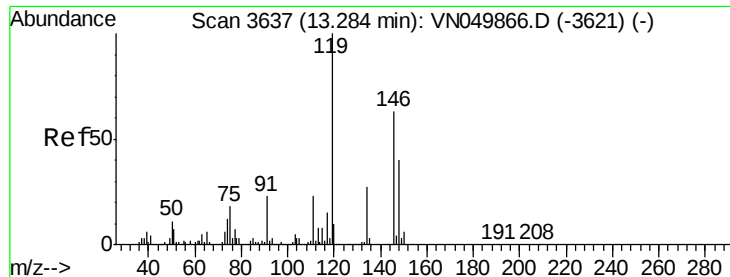
100000

0

13.20 13.25 13.30 13.35

Time-->





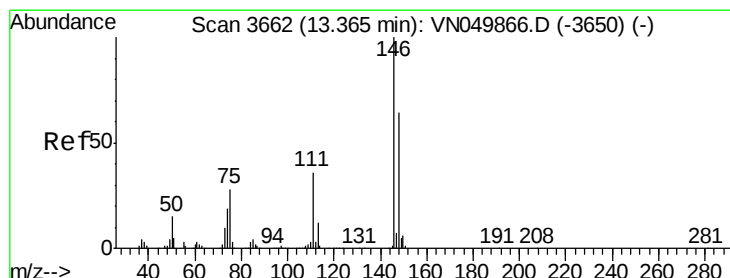
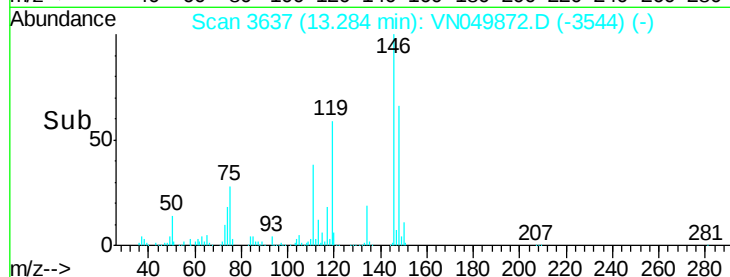
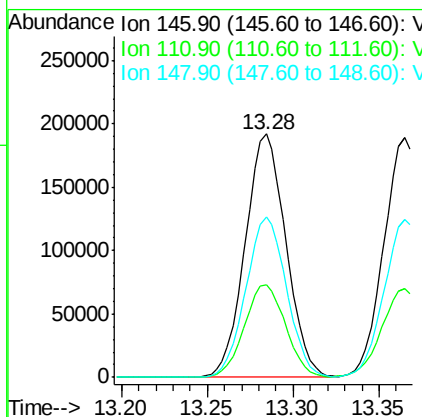
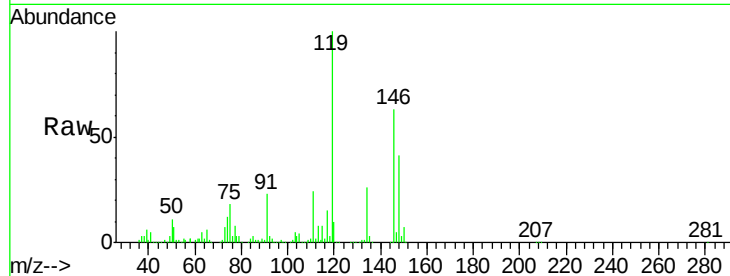
#87
 1,3-Dichlorobenzene
 Concen: 19.36 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	65.8	32.5	97.5

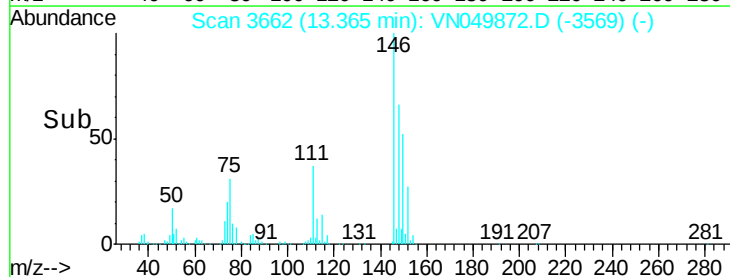
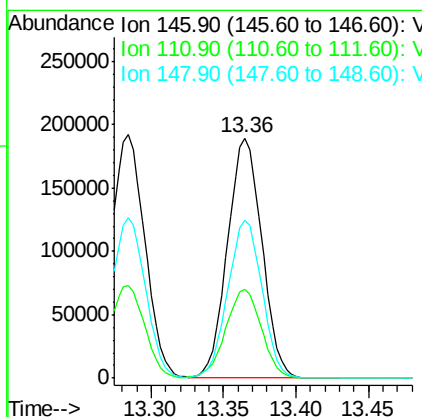
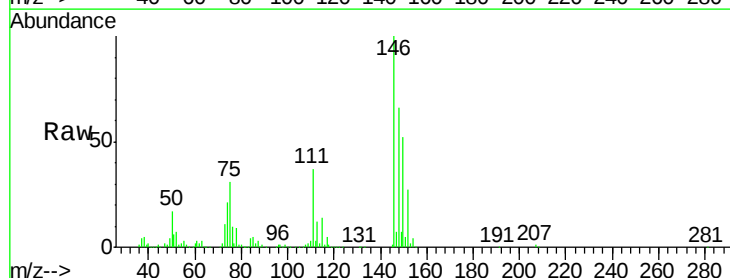
Manual Integrations
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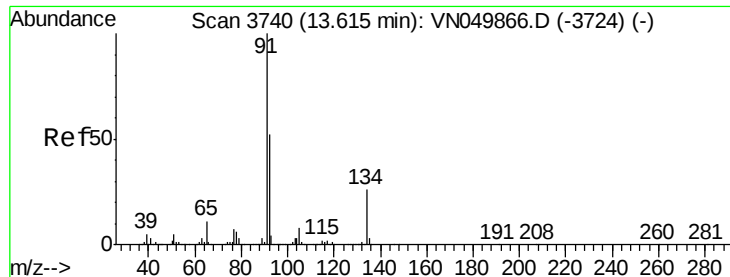
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#88
 1,4-Dichlorobenzene
 Concen: 19.13 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.5
148	65.3	32.1	96.3





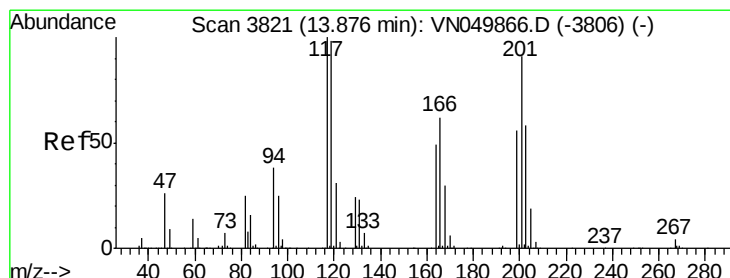
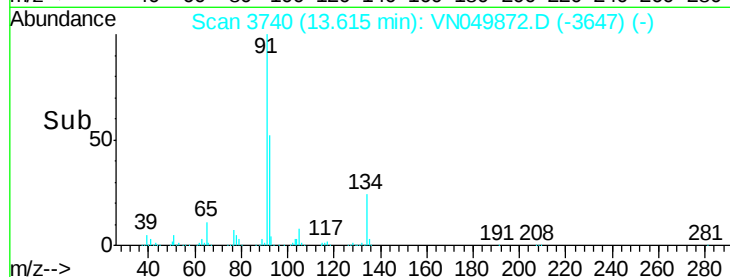
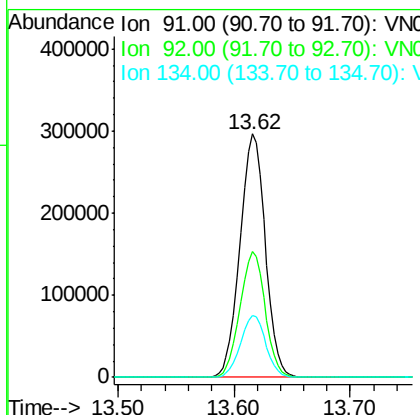
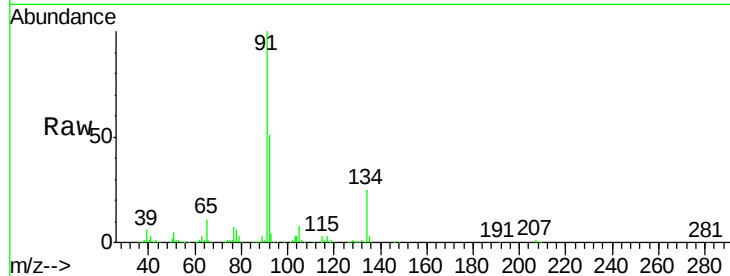
#89
n-Butylbenzene
Concen: 20.23 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.8	77.3
134	25.4	13.0	38.9

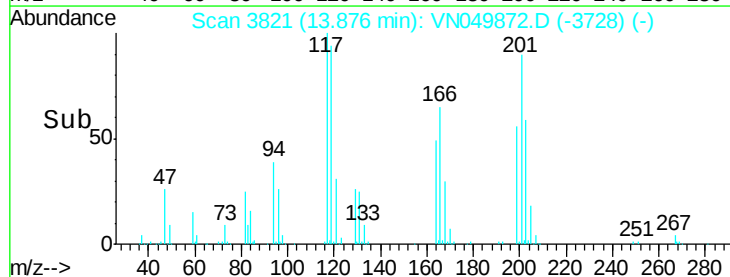
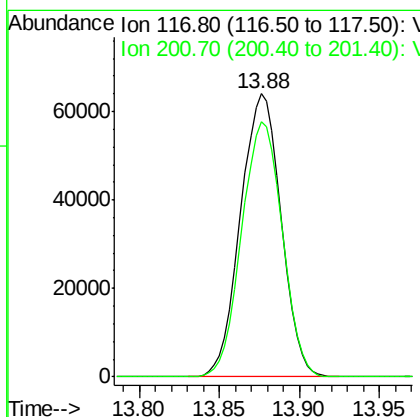
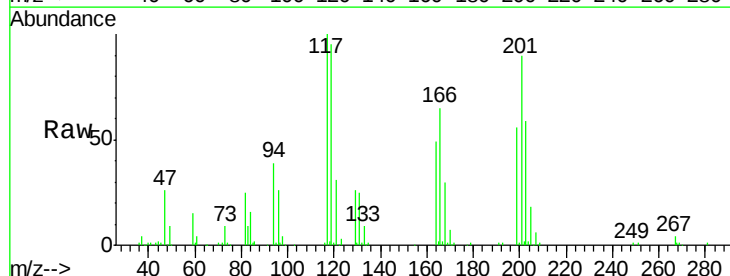
Manual Integrations
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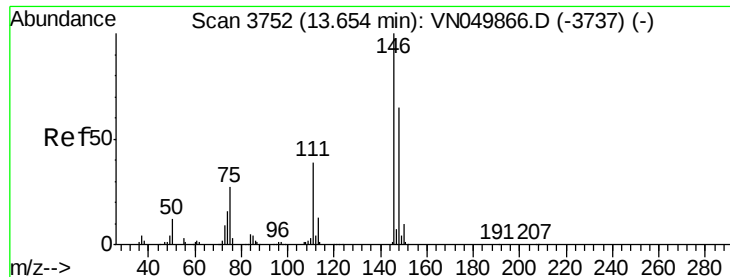
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#90
Hexachloroethane
Concen: 18.37 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049872.D
Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.4	45.3	135.8





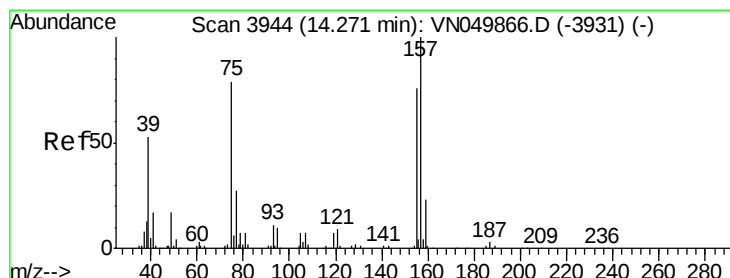
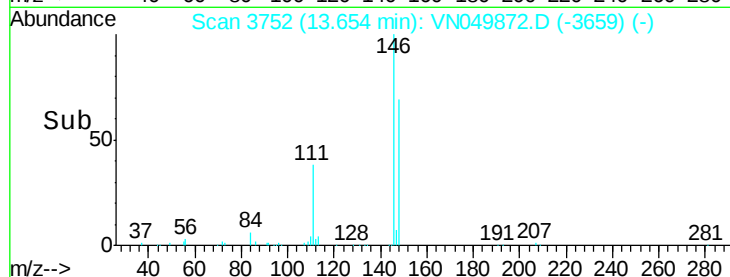
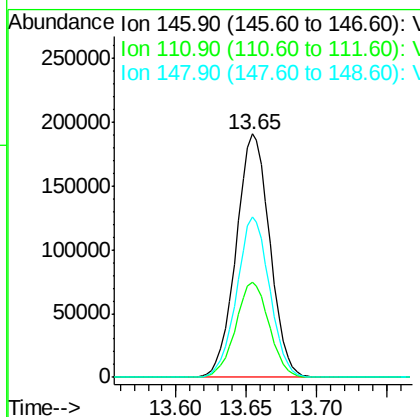
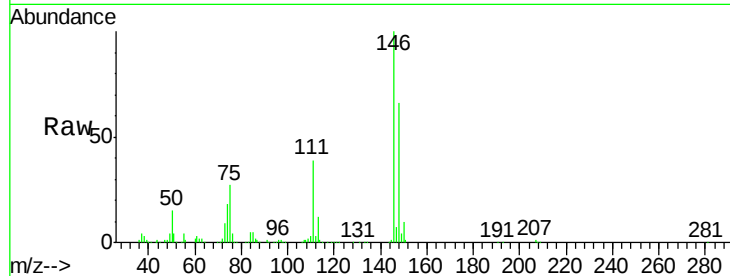
#91
 1,2-Dichlorobenzene
 Concen: 19.90 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.7	59.1
148	64.6	32.0	96.2

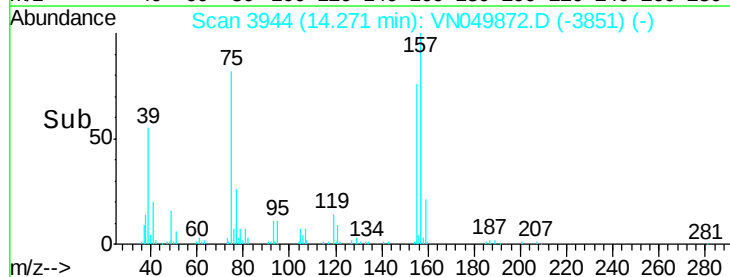
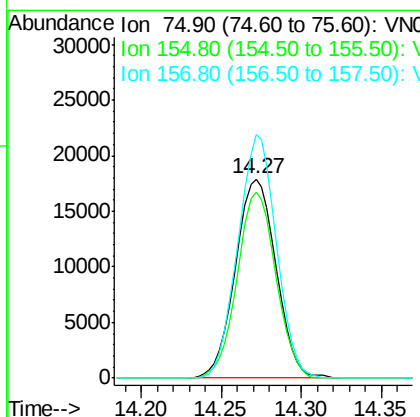
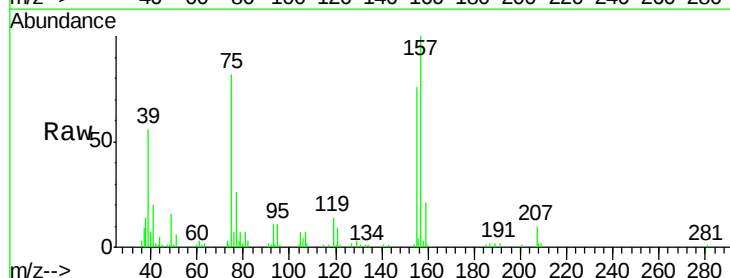
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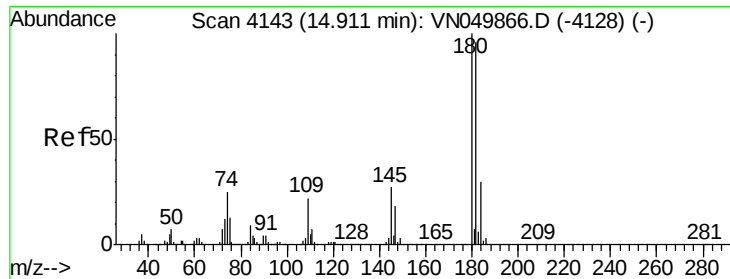
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.76 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.6	45.7	137.1
157	115.4	56.9	170.7





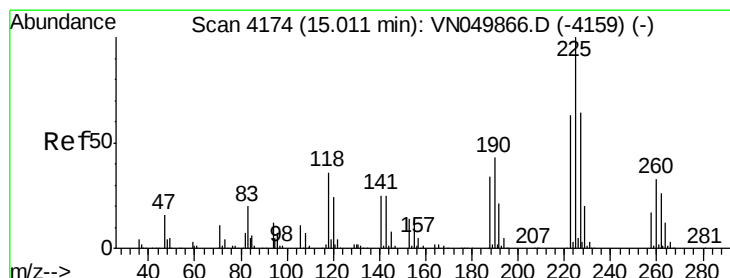
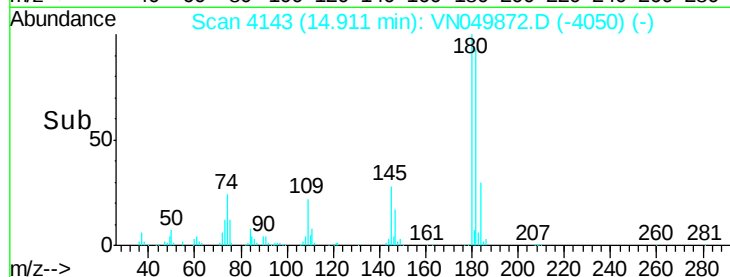
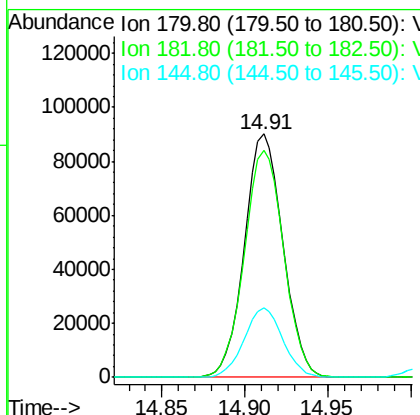
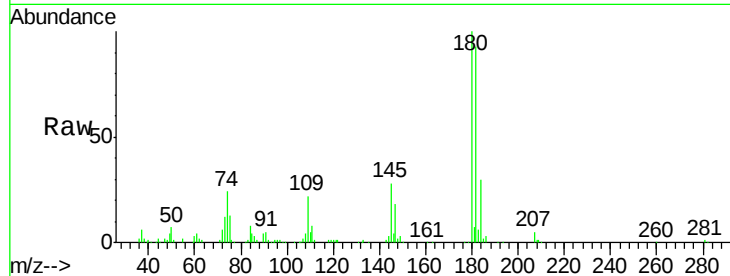
#93
 1,2,4-Trichlorobenzene
 Concen: 18.78 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	141.9
145	28.8	14.4	43.0

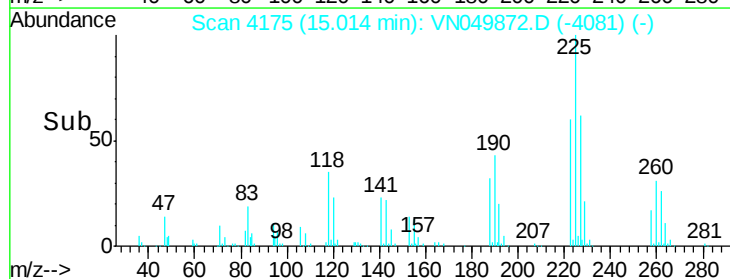
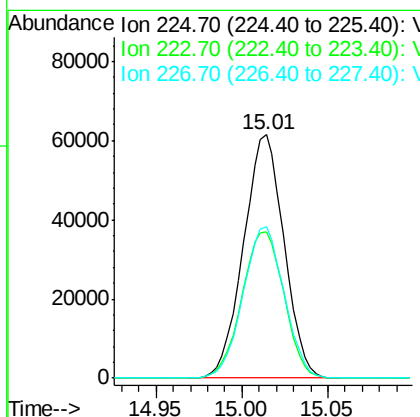
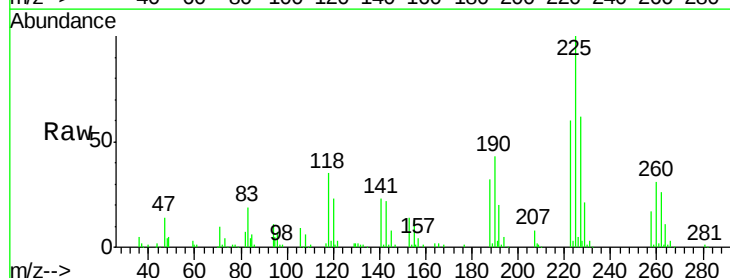
Manual Integrations
 APPROVED

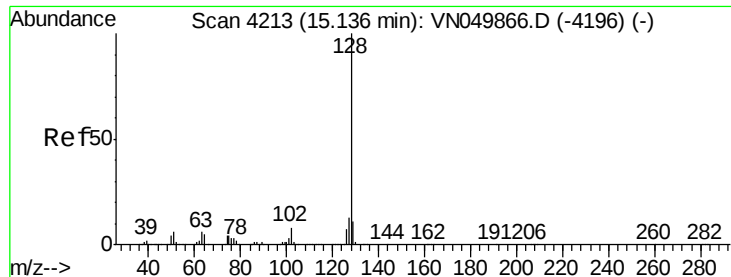
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#94
 Hexachlorobutadiene
 Concen: 19.07 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049872.D
 Acq: 18 Jul 2018 15:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.9	92.7
227	63.1	31.8	95.4





#95

Naphthalene

Concen: 18.05 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Instrument :

MSVOA_N

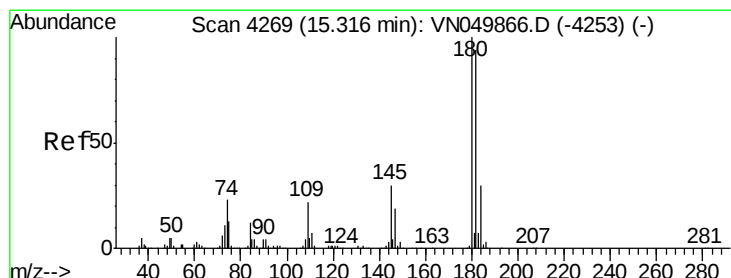
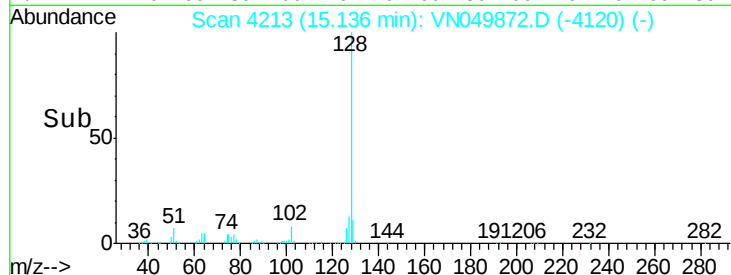
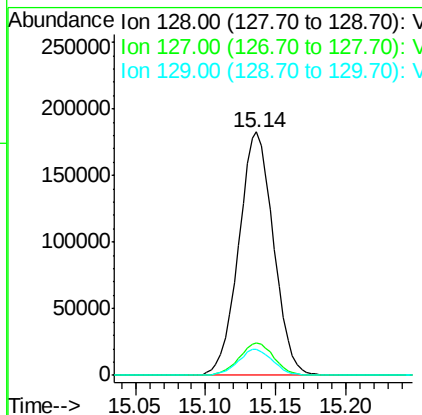
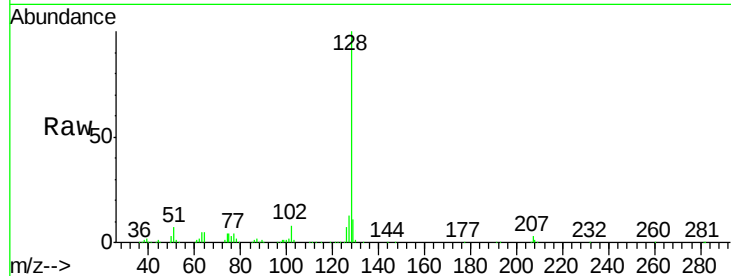
ClientSampleId :

VN0718WBS01

Tot Ion:	128	Resp:	314826
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.4	15.6
129	10.6	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.36 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN049872.D

Acq: 18 Jul 2018 15:01

Tgt Ion:	180	Resp:	148882
Ion Ratio	Lower	Upper	
180	100		
182	97.4	47.4	142.2
145	30.9	15.2	45.6

