

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049771.D
 Acq On : 12 Jul 2018 12:06
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 13 02:07:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1302662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1857994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1722938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	920283	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	726180	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	7.59	113	698160	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	10.09	98	2374428	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.40	95	872978	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	569069	50.443	ug/l	97
3) Chloromethane	2.06	50	744162	49.798	ug/l	99
4) Vinyl Chloride	2.18	62	817579	49.469	ug/l	99
5) Bromomethane	2.56	94	497617	48.557	ug/l	97
6) Chloroethane	2.70	64	535319	46.200	ug/l	99
7) Trichlorofluoromethane	3.01	101	1151488	46.618	ug/l	99
8) Diethyl Ether	3.41	74	406674	45.947	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	740199	46.170	ug/l	99
10) Methyl Iodide	3.95	142	1033111	50.700	ug/l	100
11) Tert butyl alcohol	4.80	59	238146	234.809	ug/l	100
12) 1,1-Dichloroethene	3.74	96	655773	46.553	ug/l	98
13) Acrolein	3.61	56	218583	245.374	ug/l	100
14) Allyl chloride	4.33	41	1069636	46.529	ug/l	99
15) Acrylonitrile	4.99	53	1200376	236.334	ug/l	98
16) Acetone	3.82	43	890078	238.561	ug/l	100
17) Carbon Disulfide	4.05	76	1770480	49.056	ug/l	99
18) Methyl Acetate	4.33	43	605901	47.841	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1888841	48.338	ug/l	100
20) Methylene Chloride	4.55	84	772889	49.711	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	708726	46.029	ug/l	99
22) Diisopropyl ether	5.96	45	2339307	49.538	ug/l	97
23) Vinyl Acetate	5.90	43	7860944	248.404	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1375328	46.359	ug/l	100
25) 2-Butanone	6.84	43	1401968	237.410	ug/l	99
26) 2,2-Dichloropropane	6.83	77	1153025	46.829	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	826343	46.926	ug/l	100
28) Bromochloromethane	7.20	49	636734	47.190	ug/l	98
29) Tetrahydrofuran	7.22	42	894471	241.215	ug/l	99
30) Chloroform	7.37	83	1416375	46.336	ug/l	100
31) Cyclohexane	7.65	56	1165580	49.362	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	1207717	46.521	ug/l	99
36) 1,1-Dichloropropene	7.80	75	1045341	48.822	ug/l	100
37) Ethyl Acetate	6.93	43	625087	49.322	ug/l	99
38) Carbon Tetrachloride	7.78	117	1071611	47.877	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1136059	50.338	ug/l	98
40) Benzene	8.04	78	3127665	48.831	ug/l	100
41) Methacrylonitrile	7.18	41	348900	48.669	ug/l	98
42) 1,2-Dichloroethane	8.13	62	1007225	48.075	ug/l	100
43) Isopropyl Acetate	8.17	43	1134467	49.801	ug/l	96
44) Trichloroethene	8.84	130	824420	47.802	ug/l	98
45) 1,2-Dichloropropane	9.12	63	833156	48.401	ug/l	99
46) Dibromomethane	9.21	93	490949	48.022	ug/l	98
47) Bromodichloromethane	9.40	83	1088217	48.337	ug/l	98
48) Methyl methacrylate	9.20	41	562722	49.407	ug/l	99
49) 1,4-Dioxane	9.20	88	149946	1004.756	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	3131794	253.208	ug/l	100
52) Toluene	10.16	92	1948366	50.826	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1104863	51.022	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	1264422	51.264	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	716460	49.391	ug/l	99
56) Ethyl methacrylate	10.43	69	904052	52.248	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1198009	49.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2194285	264.417	ug/l	100
59) 2-Hexanone	10.75	43	2118201	257.611	ug/l	100
60) Dibromochloromethane	10.90	129	833601	49.640	ug/l	99
61) 1,2-Dibromoethane	11.01	107	696428	49.922	ug/l	100
64) Tetrachloroethene	10.63	164	746259	47.703	ug/l	99
65) Chlorobenzene	11.44	112	2162404	48.177	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	815253	48.276	ug/l	99
67) Ethyl Benzene	11.51	91	3743558	50.932	ug/l	100
68) m/p-Xylenes	11.62	106	2893274	104.877	ug/l	99
69) o-Xylene	11.95	106	1377036	51.670	ug/l	98
70) Styrene	11.97	104	2283453	53.940	ug/l	100
71) Bromoform	12.13	173	568079	49.787	ug/l	100
73) Isopropylbenzene	12.25	105	3748449	49.011	ug/l	100
74) N-amyl acetate	12.07	43	997307	50.125	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	891252	50.592	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1077893	65.931	ug/l #	100
77) Bromobenzene	12.53	156	945552	46.603	ug/l	100
78) n-propylbenzene	12.59	91	4347452	50.416	ug/l	100
79) 2-Chlorotoluene	12.68	91	2552963	48.376	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3083801	50.737	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	249757	49.334	ug/l	99
82) 4-Chlorotoluene	12.77	91	2600244	49.678	ug/l	100
83) tert-Butylbenzene	12.99	119	2680902	49.298	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3116629	51.131	ug/l	100
85) sec-Butylbenzene	13.17	105	3618621	50.773	ug/l	100
86) p-Isopropyltoluene	13.29	119	3159923	52.395	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1699488	48.311	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1652485	48.320	ug/l	99
89) n-Butylbenzene	13.62	91	2630757	52.840	ug/l	100
90) Hexachloroethane	13.88	117	588112	50.401	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1640634	47.787	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	132046	48.837	ug/l	97

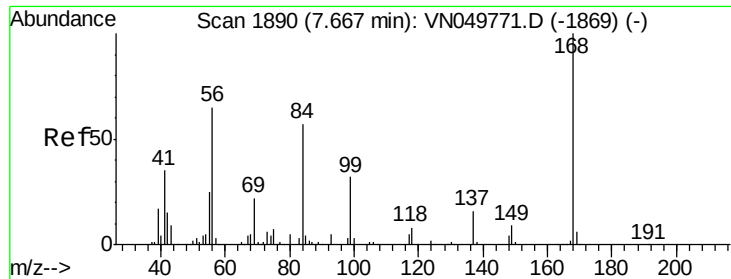
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	890468	47.373	ug/l	99
94) Hexachlorobutadiene	15.01	225	536618	51.095	ug/l	99
95) Naphthalene	15.14	128	1824549	45.252	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	876409	52.638	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

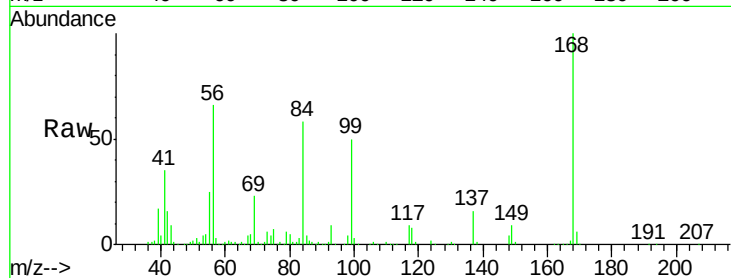
ClientSampled :

Tot Ion:168 Resp: 1302662

Ion Ratio Lower Upper

168 100

99 50.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN049771.D (-1869) (-)

Ion 98.90 (98.60 to 99.60): VN049771.D (-1869) (-)

7.67

600000

500000

400000

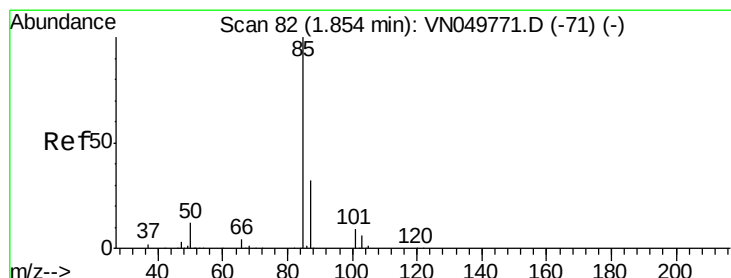
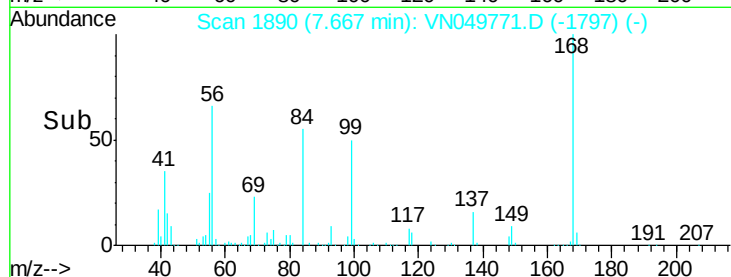
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.443 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049771.D

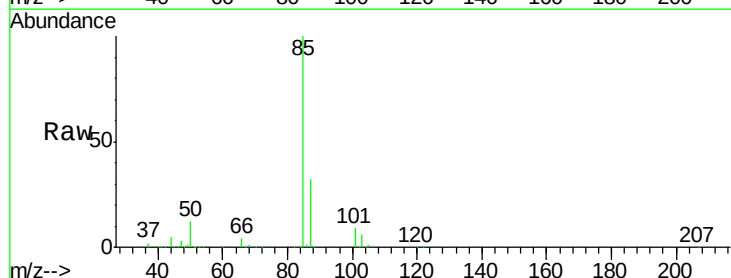
Acq: 12 Jul 2018 12:06

Tgt Ion: 85 Resp: 569069

Ion Ratio Lower Upper

85 100

87 32.1 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN049771.D (-71) (-)

Ion 86.90 (86.60 to 87.60): VN049771.D (-71) (-)

1.85

500000

400000

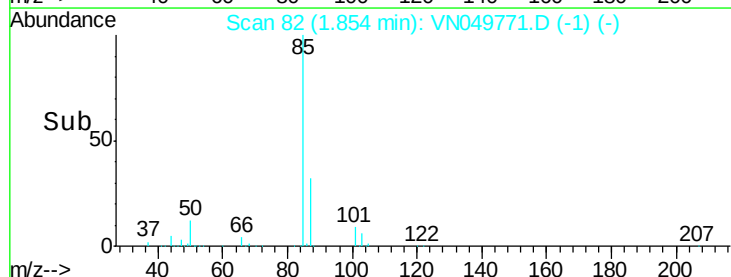
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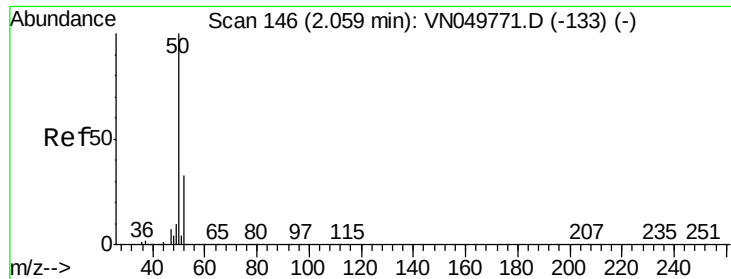
200000

100000

0

Time-->





#3

Chloromethane

Concen: 49.798 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

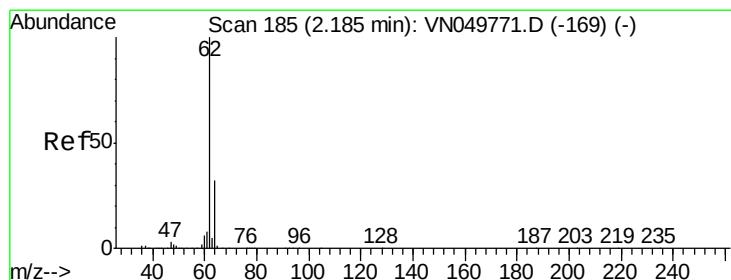
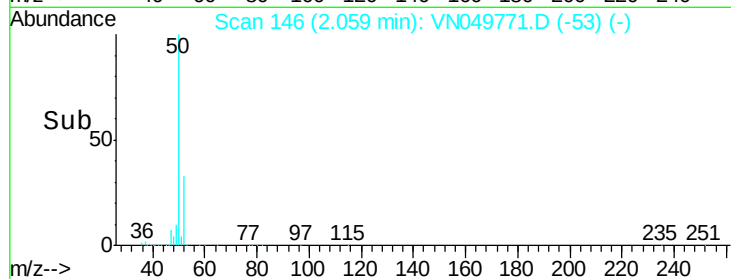
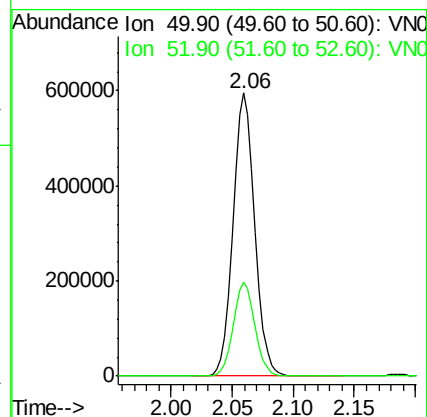
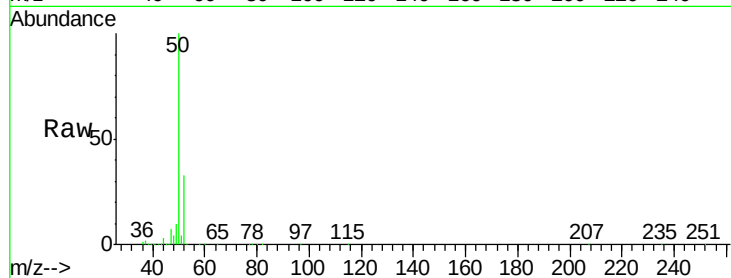
ClientSampleId :

Tot Ion: 50 Resp: 744162

Ion Ratio Lower Upper

50 100

52 33.1 26.1 39.1



#4

Vinyl Chloride

Concen: 49.469 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049771.D

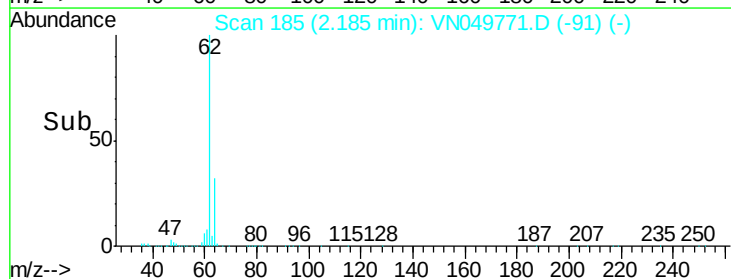
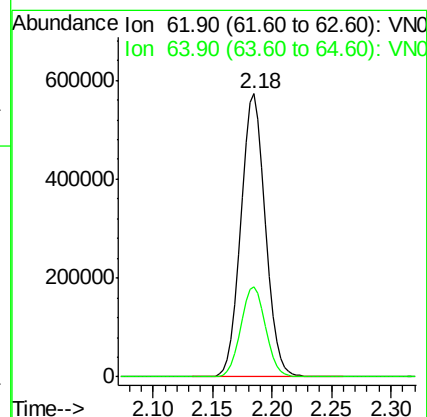
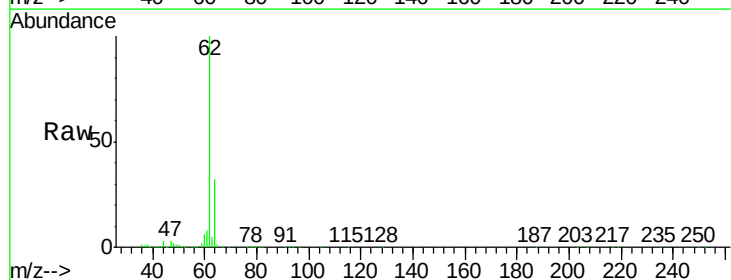
Acq: 12 Jul 2018 12:06

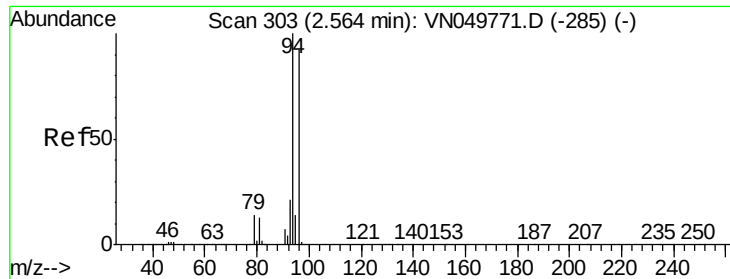
Tgt Ion: 62 Resp: 817579

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 48.557 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

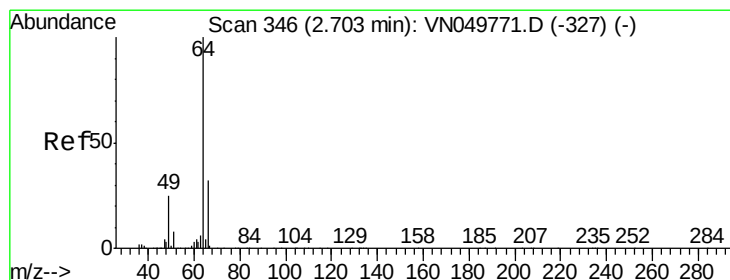
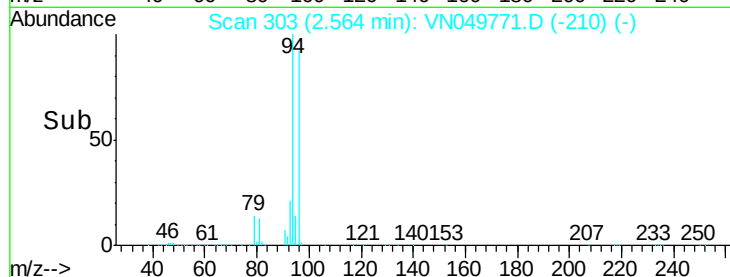
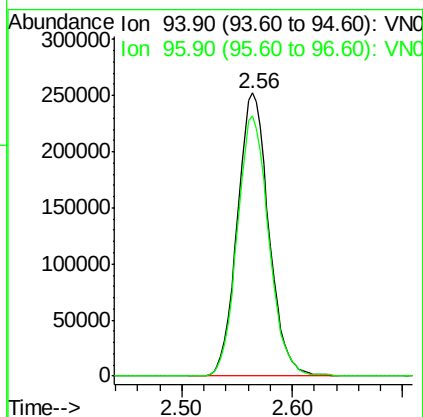
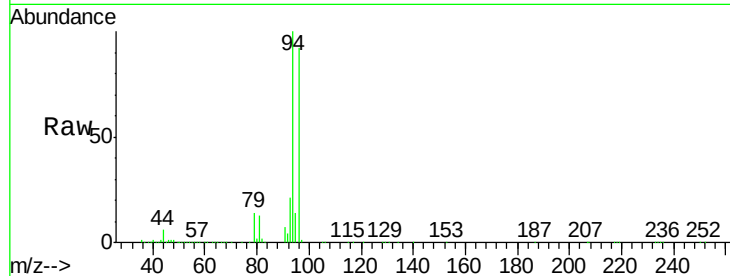
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 497617

Ion Ratio Lower Upper

94 100

96 91.9 75.7 113.5



#6

Chloroethane

Concen: 46.200 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049771.D

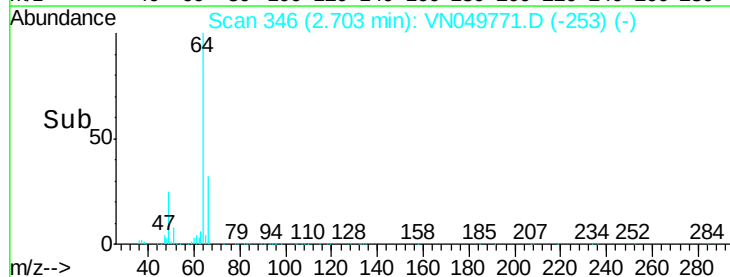
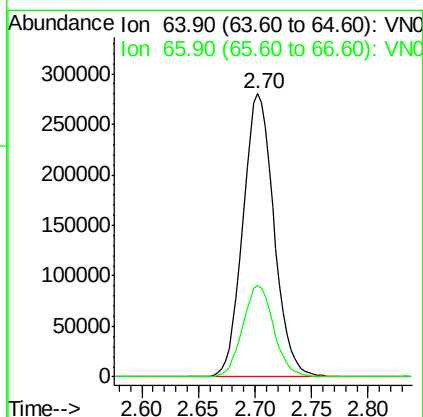
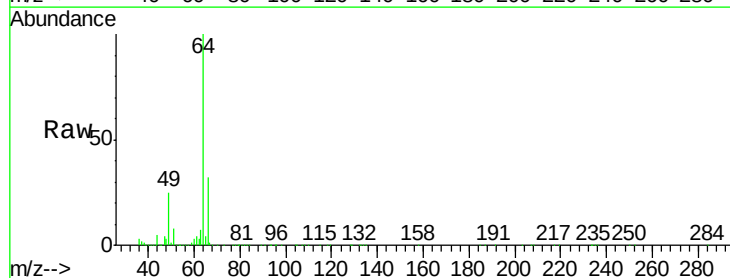
Acq: 12 Jul 2018 12:06

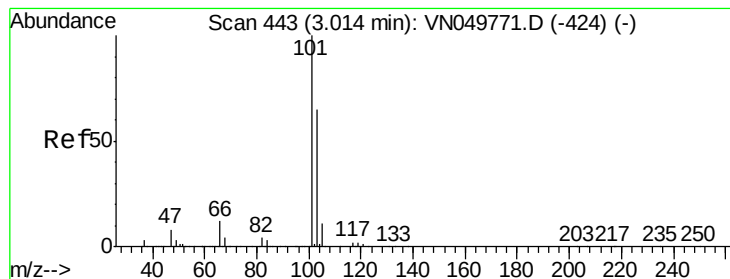
Tgt Ion: 64 Resp: 535319

Ion Ratio Lower Upper

64 100

66 32.4 25.6 38.4



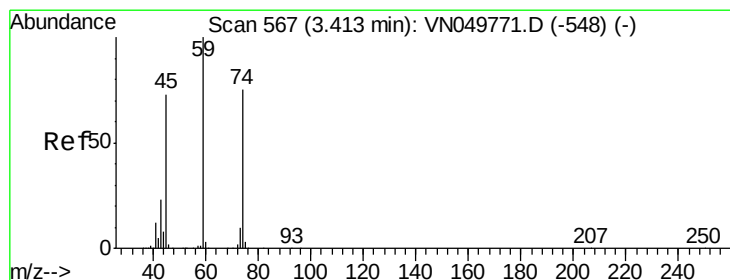
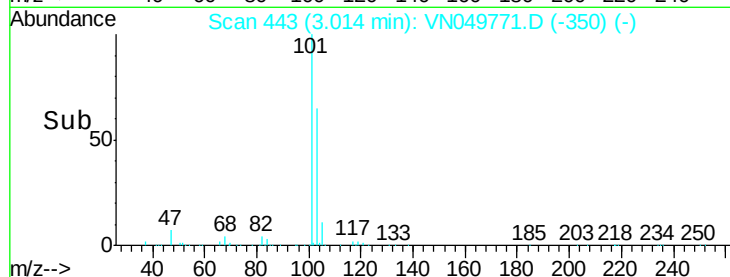
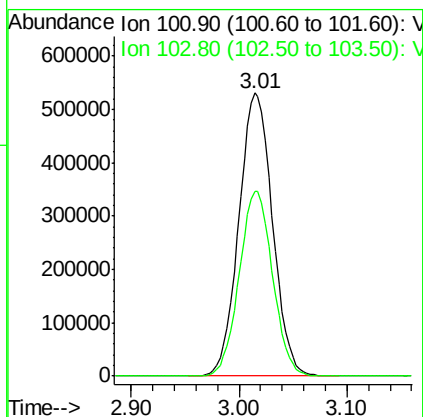
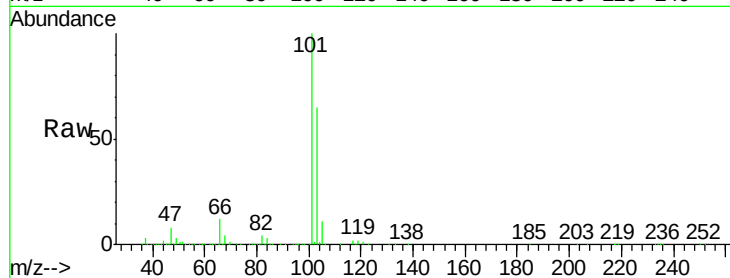


#7

Trichlorofluoromethane
Concen: 46.618 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Instrument :
MSVOA_N
ClientSampled :

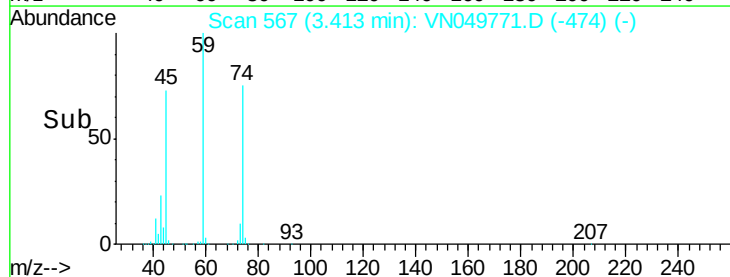
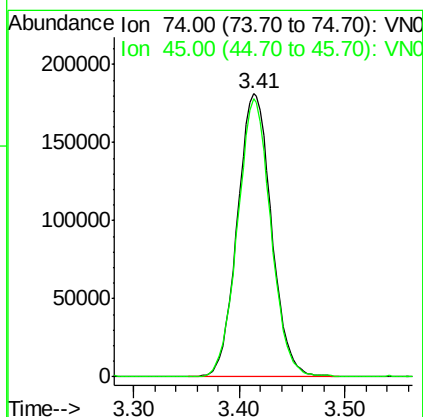
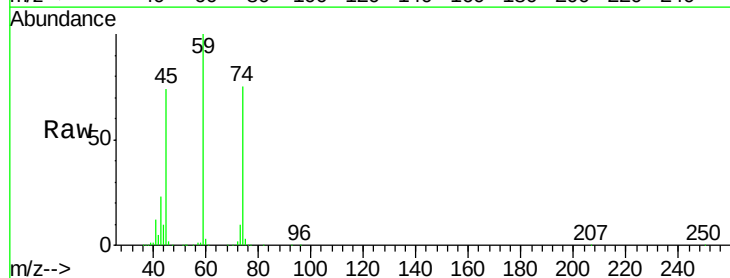
Tot Ion:101 Resp: 1151488
Ion Ratio Lower Upper
101 100
103 65.2 52.8 79.2

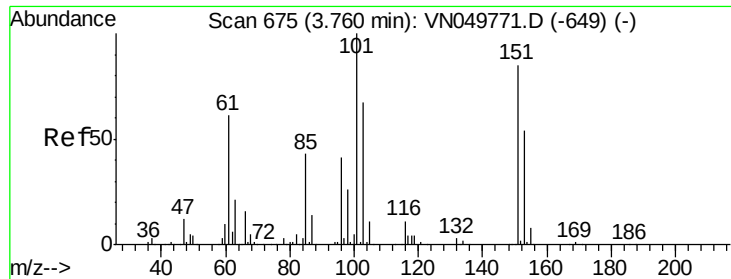


#8

Diethyl Ether
Concen: 45.947 ug/l
RT: 3.41 min Scan# 567
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Tgt Ion: 74 Resp: 406674
Ion Ratio Lower Upper
74 100
45 95.8 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.170 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

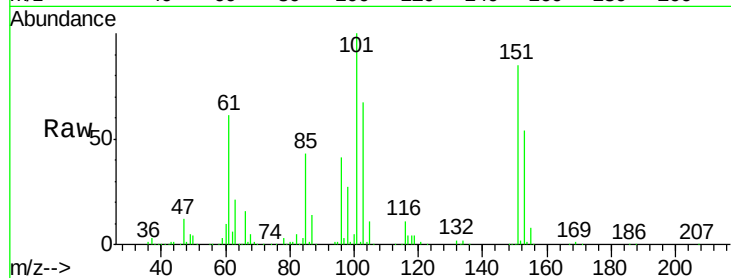
Tot Ion:101 Resp: 740199

Ion Ratio Lower Upper

101 100

85 42.3 34.4 51.6

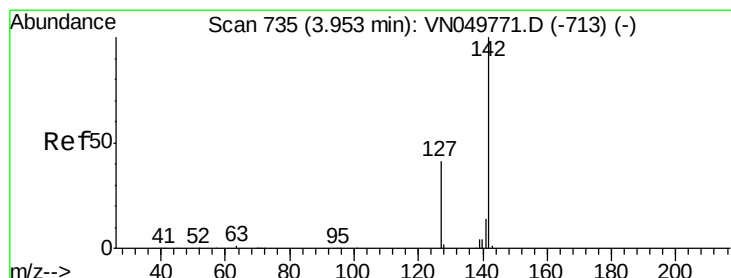
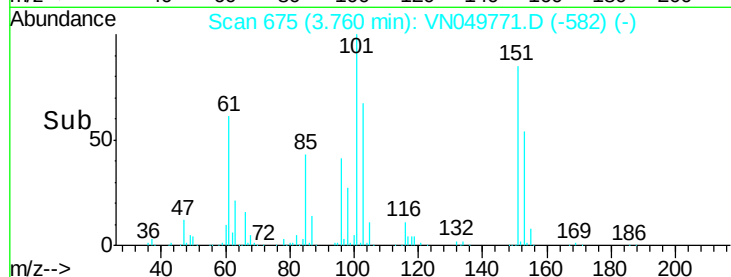
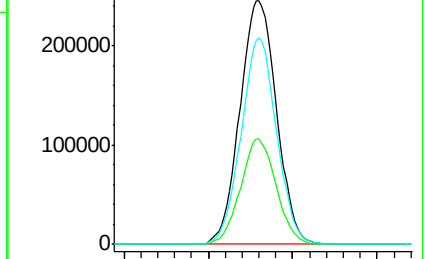
151 82.2 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.700 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

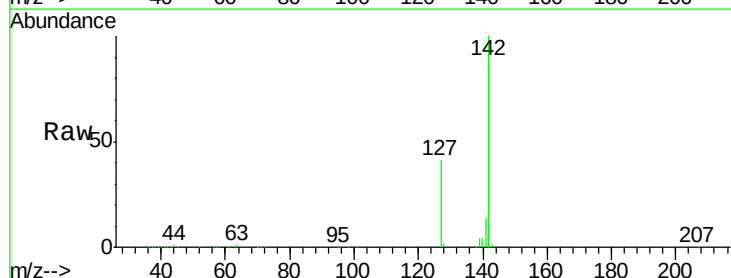
Tgt Ion:142 Resp: 1033111

Ion Ratio Lower Upper

142 100

127 40.8 32.5 48.7

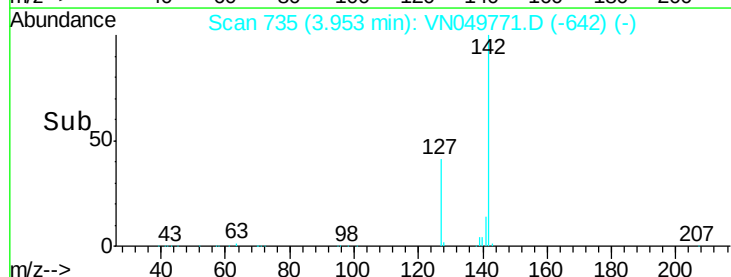
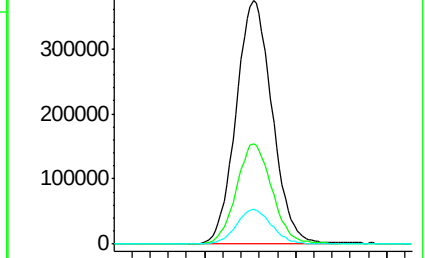
141 14.2 11.1 16.7

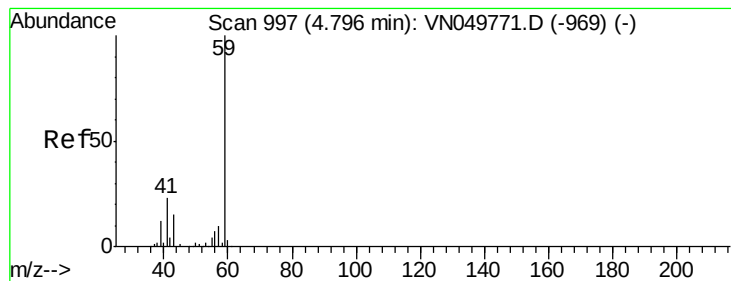


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



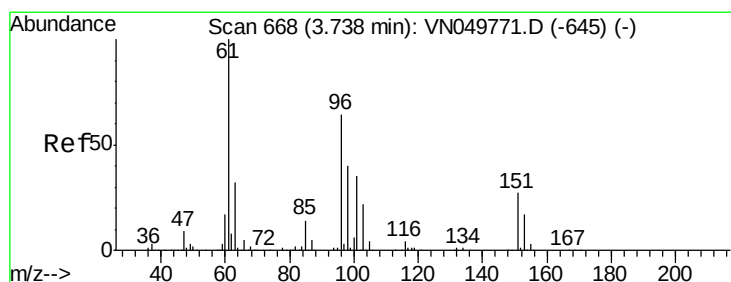
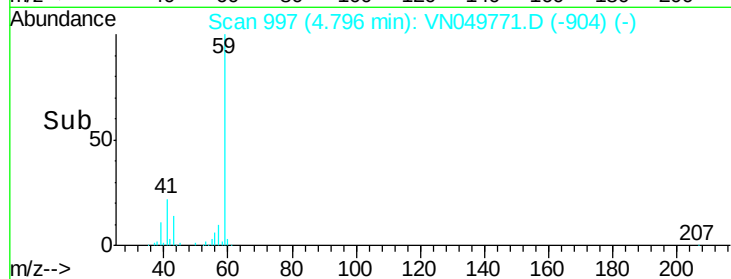
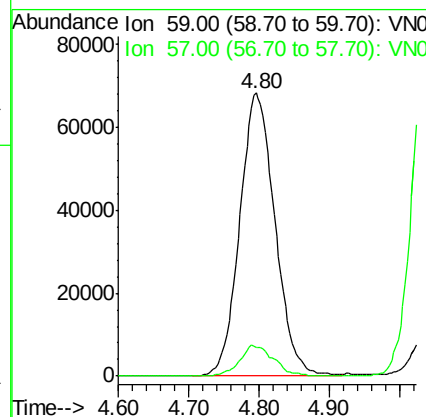
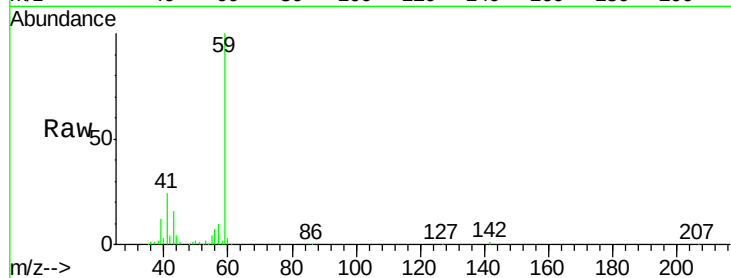


#11

Tert butyl alcohol
 Concen: 234.809 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

Instrument :
 MSVOA_N
 ClientSampleId :

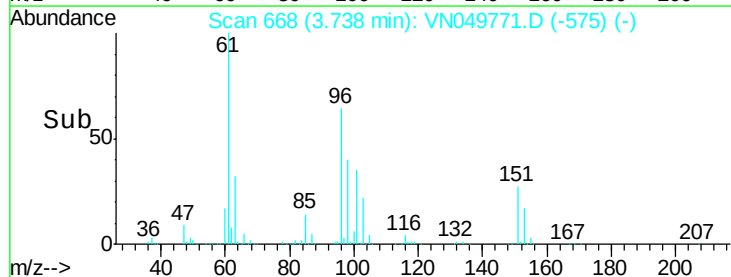
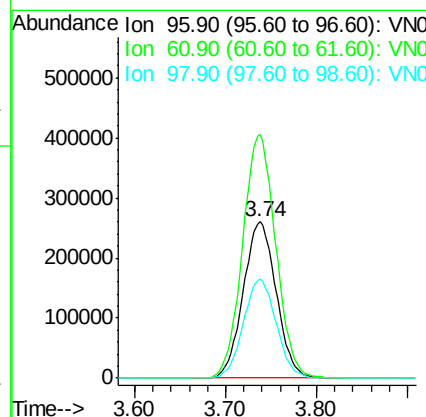
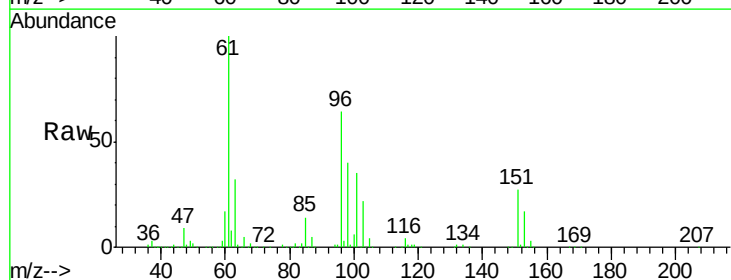
Tot Ion: 59 Resp: 238146
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

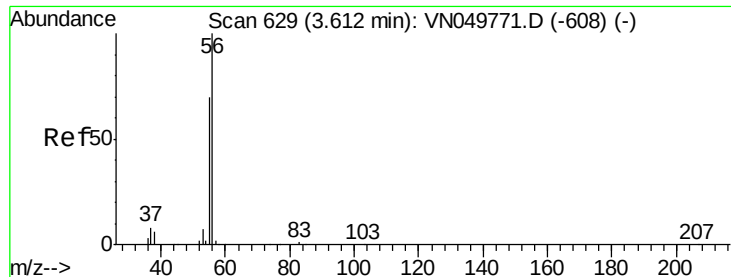


#12

1,1-Dichloroethene
 Concen: 46.553 ug/l
 RT: 3.74 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

Tgt Ion: 96 Resp: 655773
 Ion Ratio Lower Upper
 96 100
 61 155.7 126.5 189.7
 98 63.0 51.0 76.6





#13

Acrolein

Concen: 245.374 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

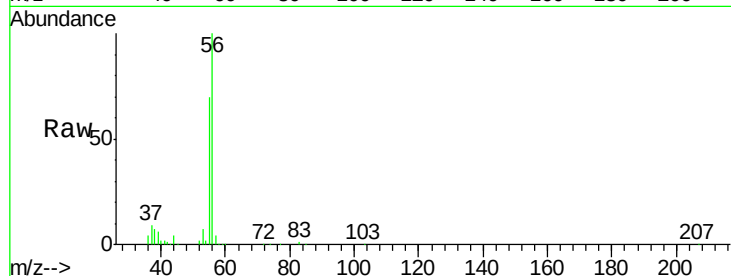
ClientSampleId :

Tot Ion: 56 Resp: 218583

Ion Ratio Lower Upper

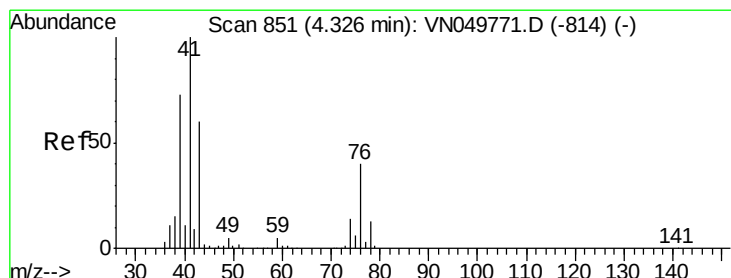
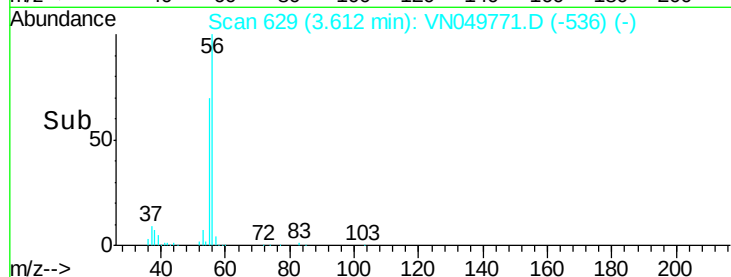
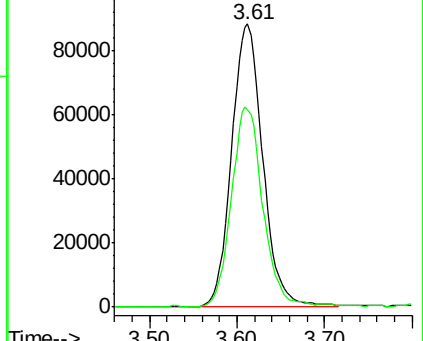
56 100

55 70.2 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 46.529 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

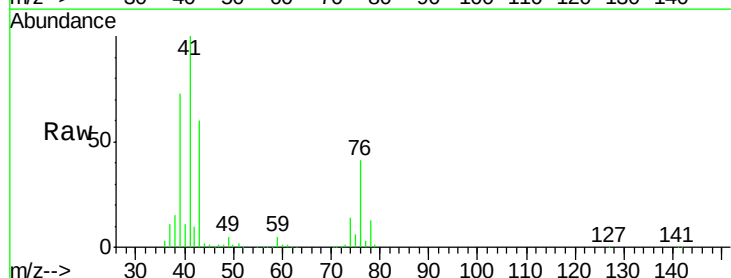
Tgt Ion: 41 Resp: 1069636

Ion Ratio Lower Upper

41 100

39 67.7 53.2 79.8

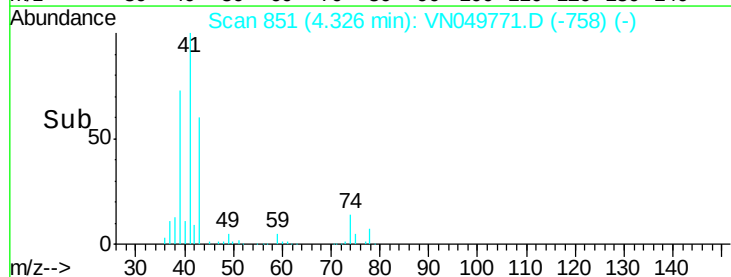
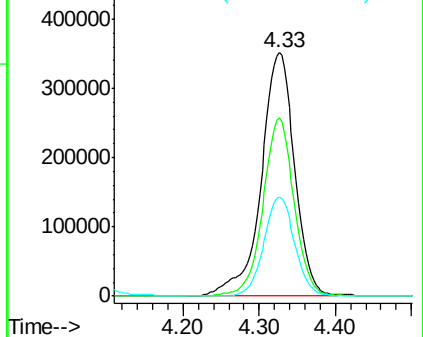
76 37.1 29.0 43.6

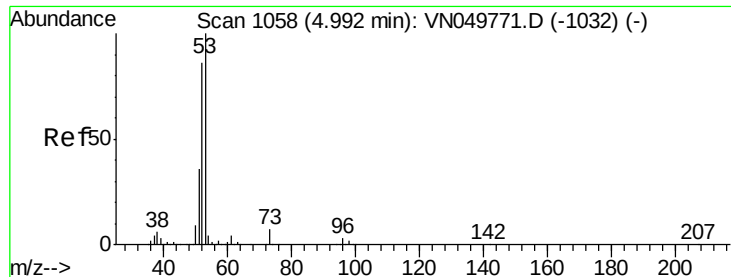


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 236.334 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

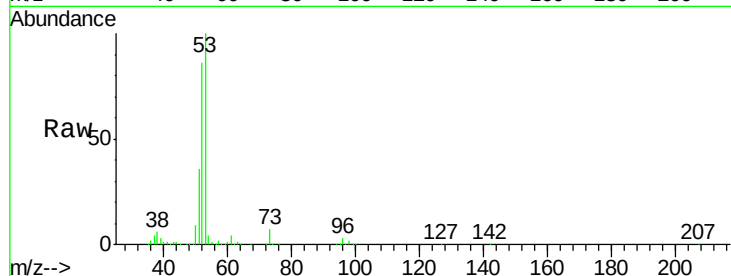
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 53 Resp: 1200376

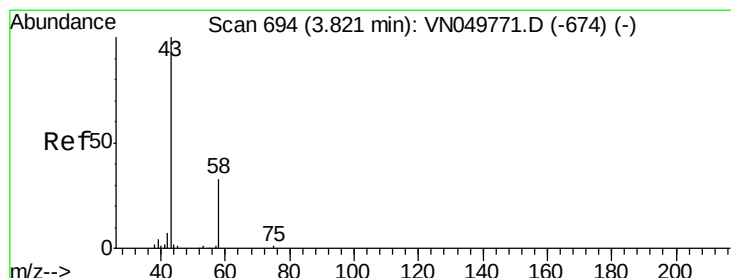
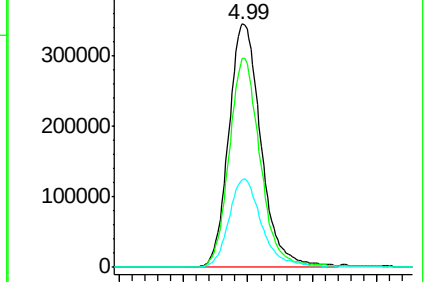
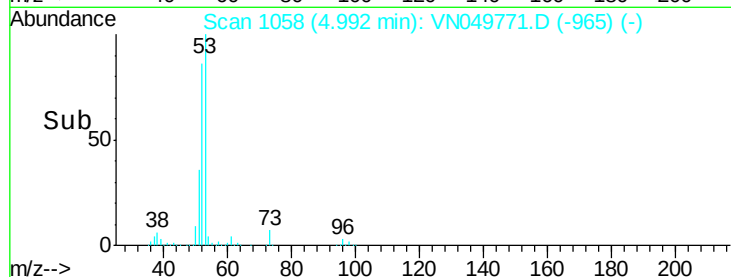
Ion	Ratio	Lower	Upper
53	100		
52	82.5	64.8	97.2
51	36.8	28.9	43.3



Abundance Ion 53.00 (52.70 to 53.70): VN049771.D (-1032) (-)

Ion 52.00 (51.70 to 52.70): VN049771.D (-1032) (-)

Ion 51.00 (50.70 to 51.70): VN049771.D (-1032) (-)



#16

Acetone

Concen: 238.561 ug/l

RT: 3.82 min Scan# 694

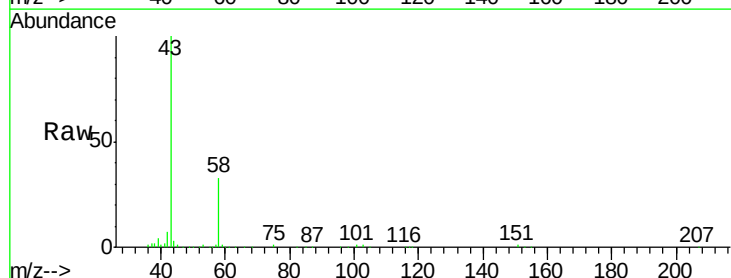
Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

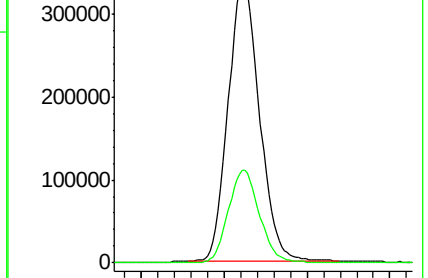
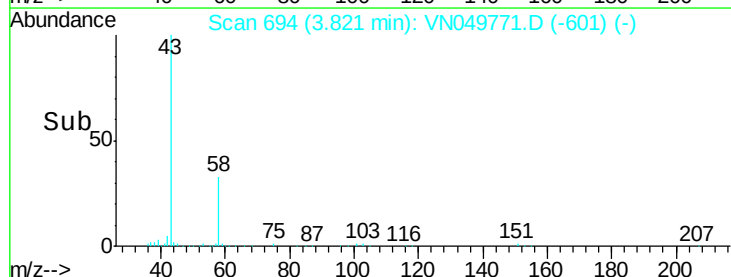
Tgt Ion: 43 Resp: 890078

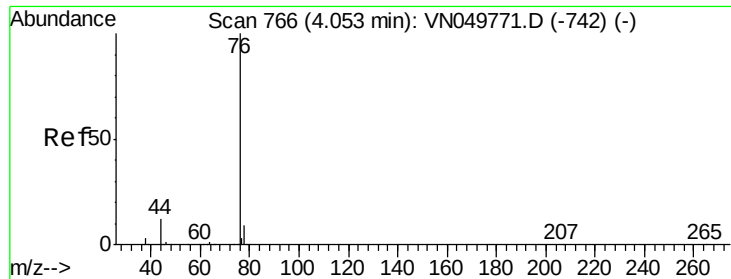
Ion	Ratio	Lower	Upper
43	100		
58	32.6	25.9	38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049771.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN049771.D (-674) (-)





#17

Carbon Disulfide

Concen: 49.056 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

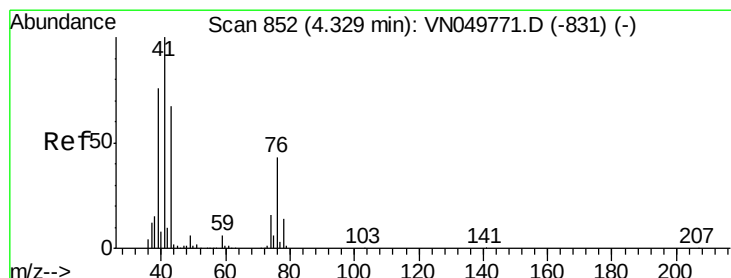
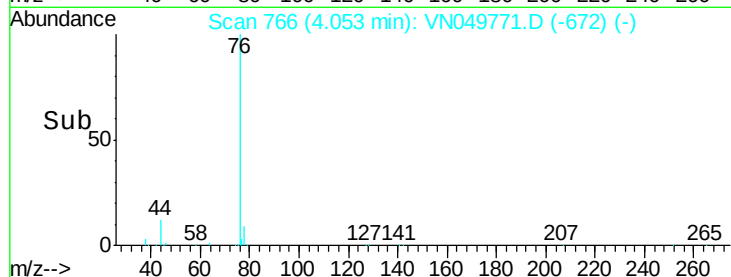
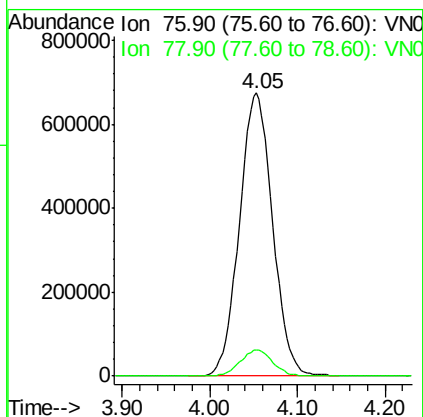
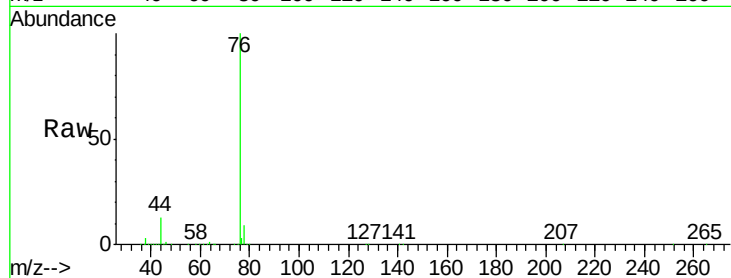
ClientSampleId :

Tot Ion: 76 Resp: 1770480

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



#18

Methyl Acetate

Concen: 47.841 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049771.D

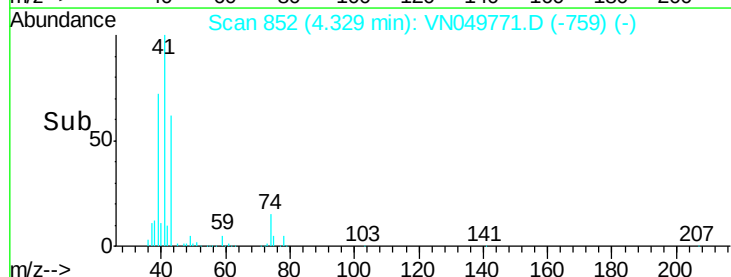
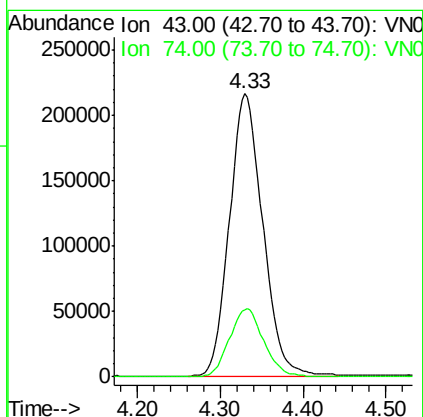
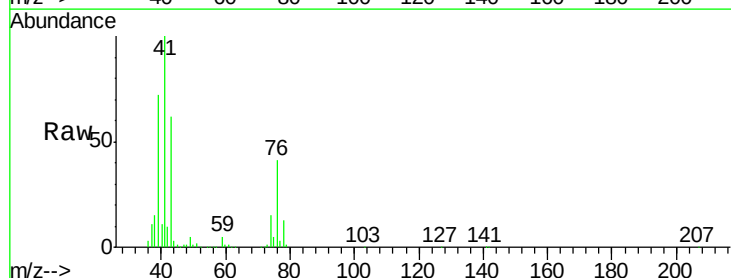
Acq: 12 Jul 2018 12:06

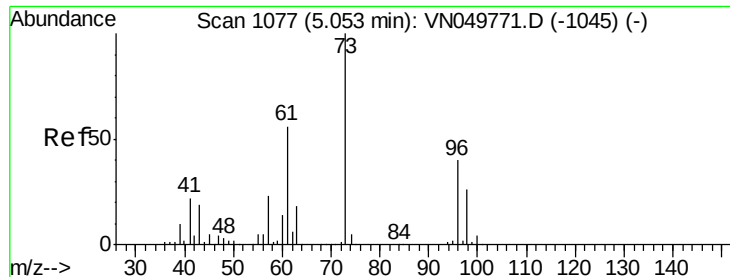
Tgt Ion: 43 Resp: 605901

Ion Ratio Lower Upper

43 100

74 24.7 19.8 29.8

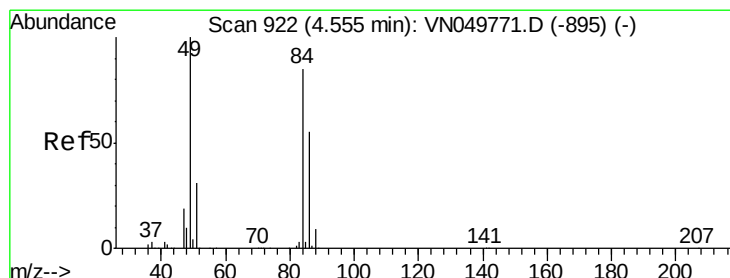
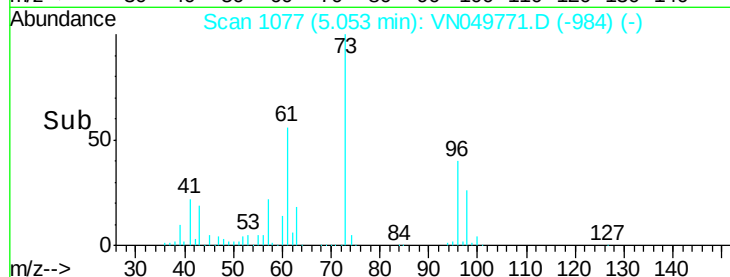
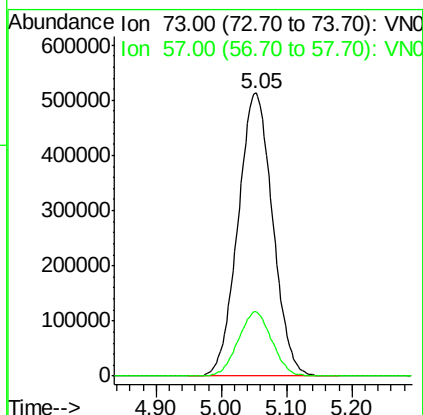
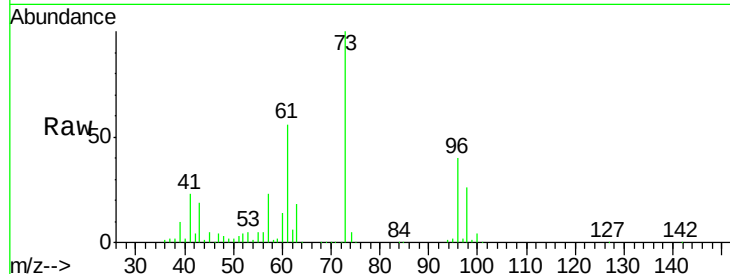




#19
Methyl tert-butyl Ether
Concen: 48.338 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

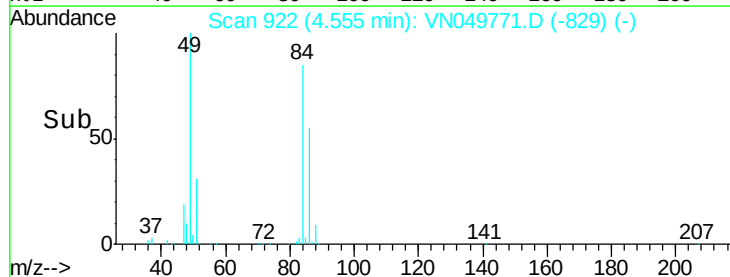
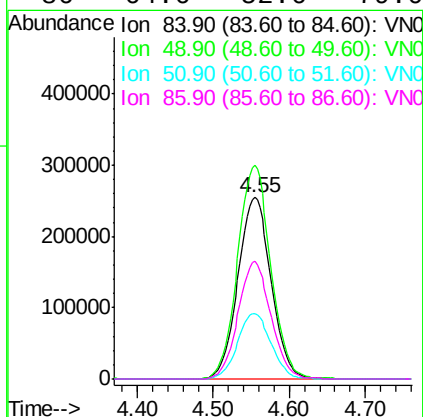
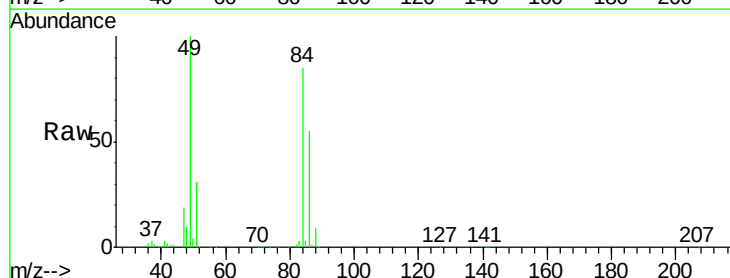
Instrument :
MSVOA_N
ClientSampled :

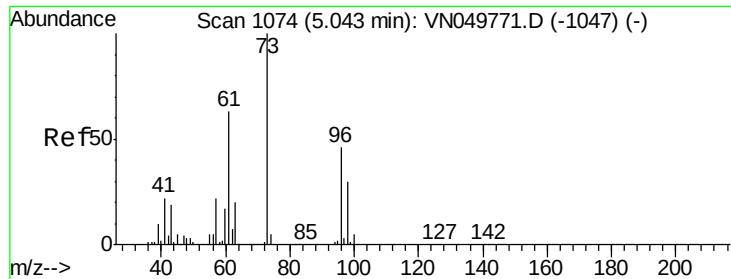
Tot Ion: 73 Resp: 1888841
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1



#20
Methylene Chloride
Concen: 49.711 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Tgt Ion: 84 Resp: 772889
Ion Ratio Lower Upper
84 100
49 117.7 95.4 143.2
51 36.1 28.4 42.6
86 64.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 46.029 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

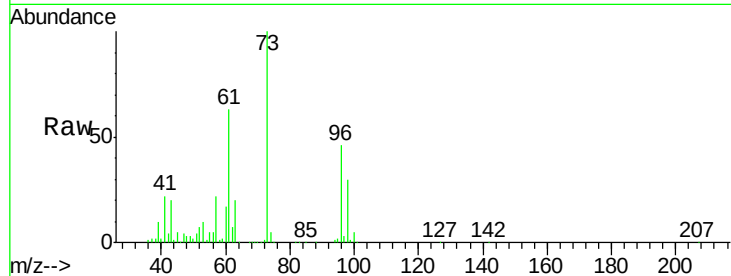
Tot Ion: 96 Resp: 708726

Ion Ratio Lower Upper

96 100

61 137.2 109.0 163.6

98 64.2 51.1 76.7

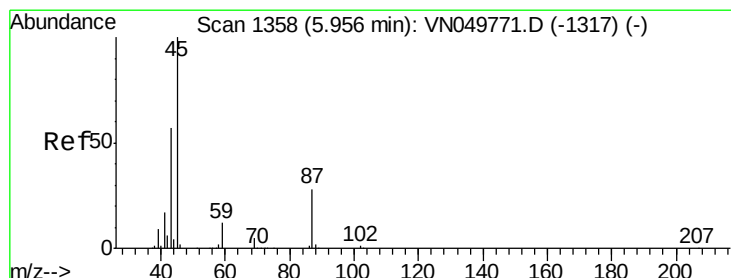
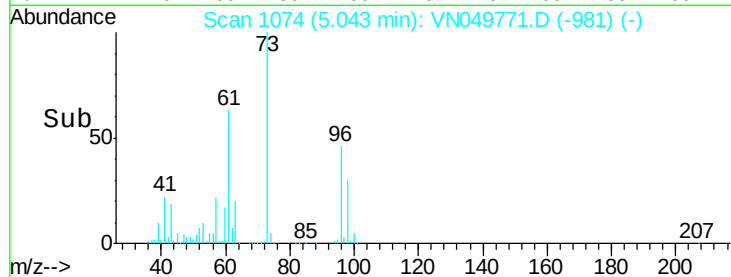
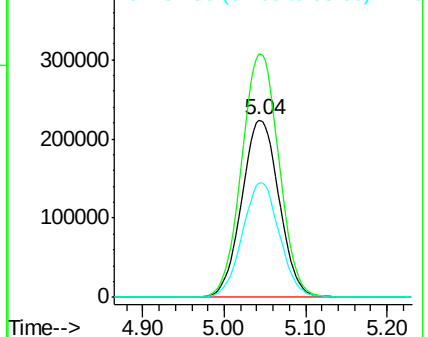


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 49.538 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Tgt Ion: 45 Resp: 2339307

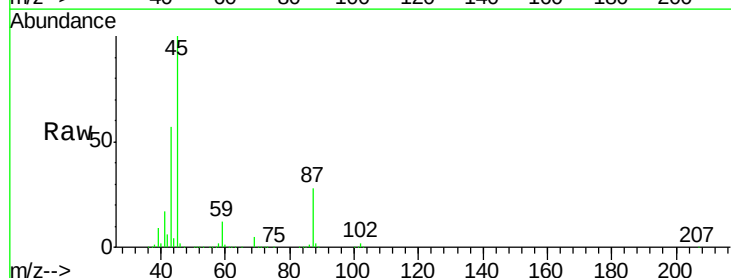
Ion Ratio Lower Upper

45 100

43 57.2 48.1 72.1

87 28.0 22.6 34.0

59 11.9 9.2 13.8



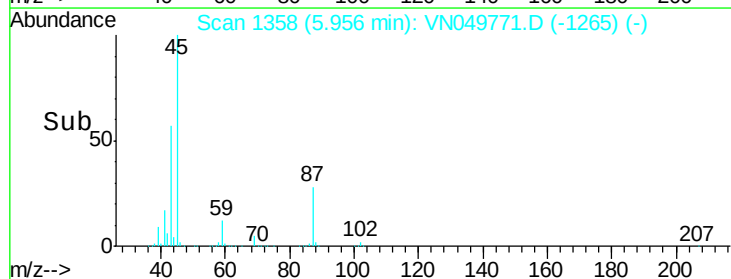
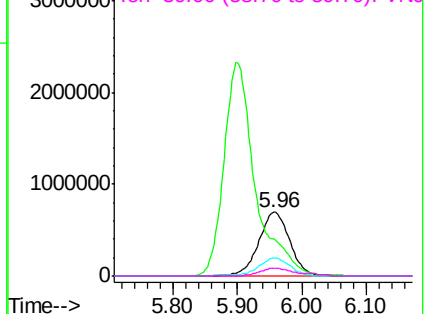
Abundance

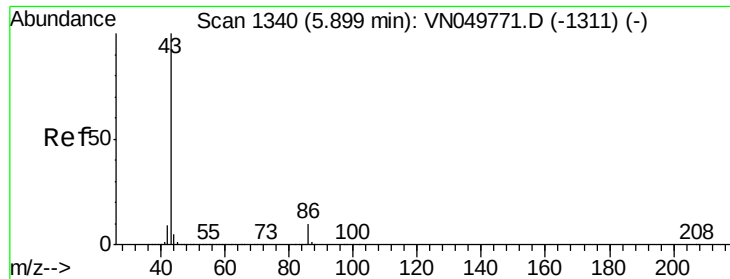
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

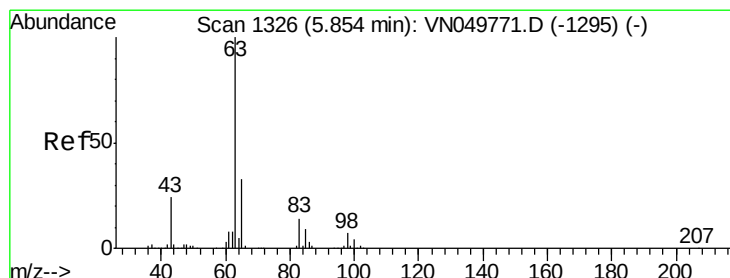
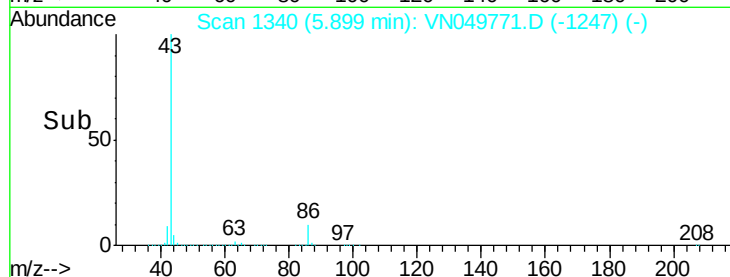
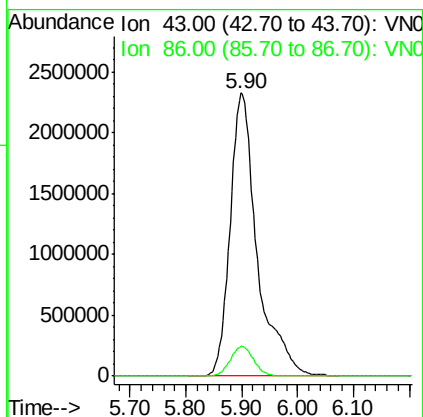
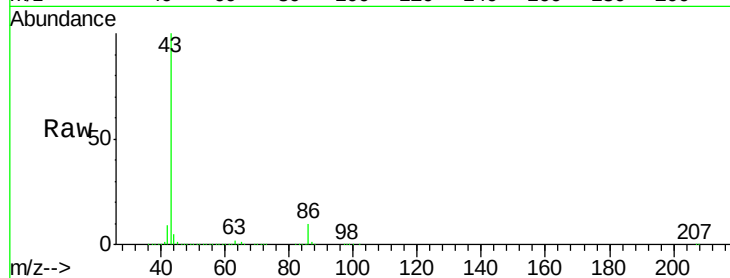




#23
 Vinyl Acetate
 Concen: 248.404 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

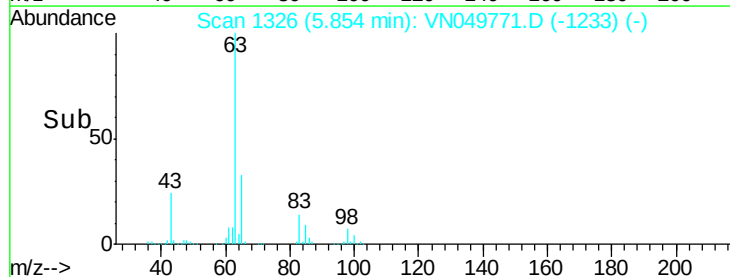
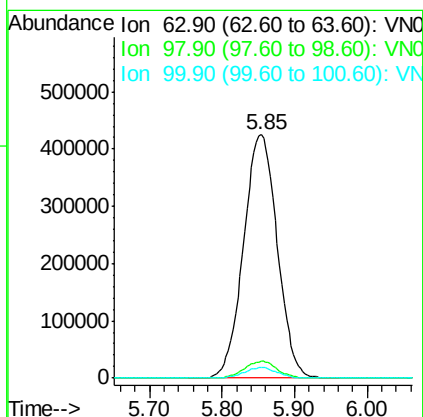
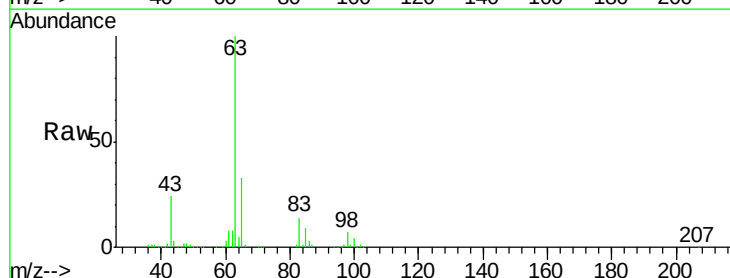
Instrument :
 MSVOA_N
 ClientSampleId :

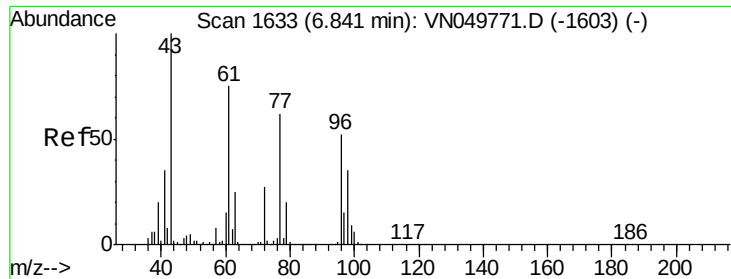
Tot Ion: 43 Resp: 7860944
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 46.359 ug/l
 RT: 5.85 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

Tgt Ion: 63 Resp: 1375328
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 4.2 2.2 6.6





#25

2-Butanone

Concen: 237.410 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

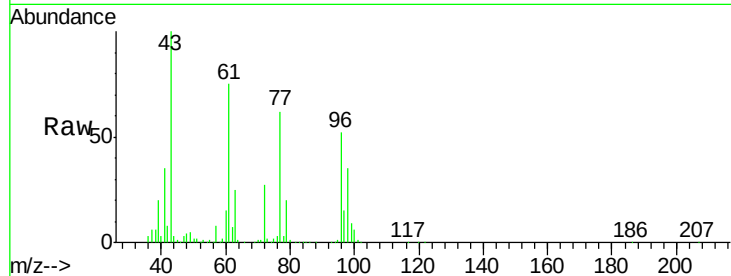
ClientSampled :

Tot Ion: 43 Resp: 1401968

Ion Ratio Lower Upper

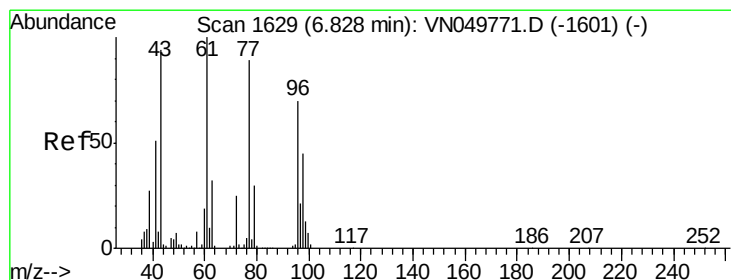
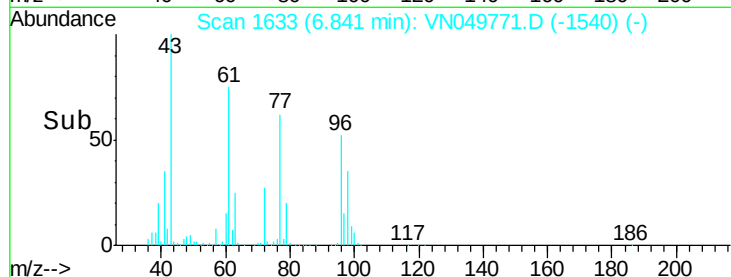
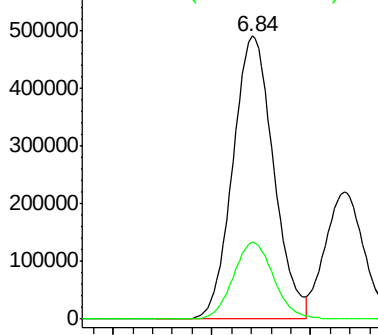
43 100

72 27.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 46.829 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN049771.D

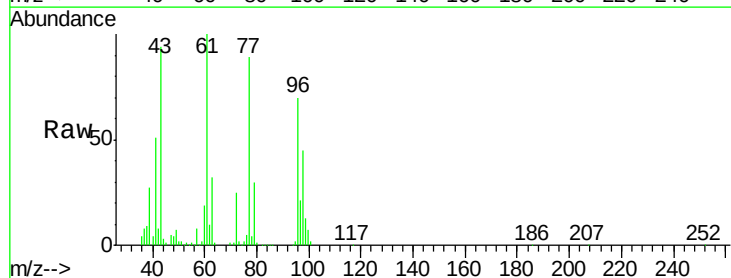
Acq: 12 Jul 2018 12:06

Tgt Ion: 77 Resp: 1153025

Ion Ratio Lower Upper

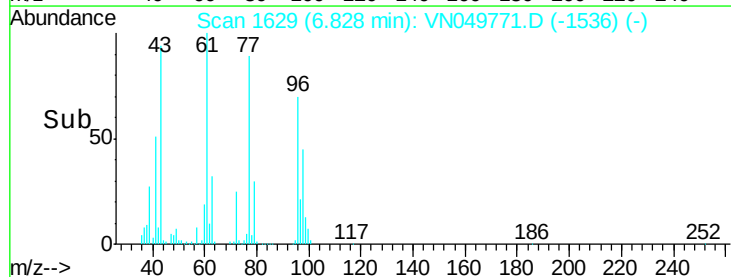
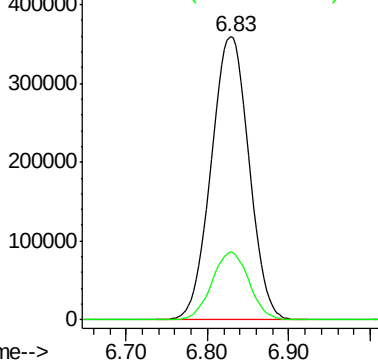
77 100

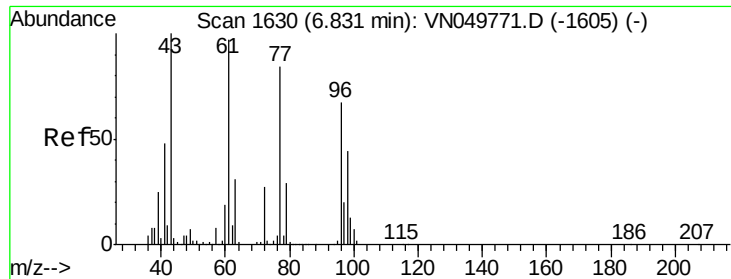
97 23.5 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

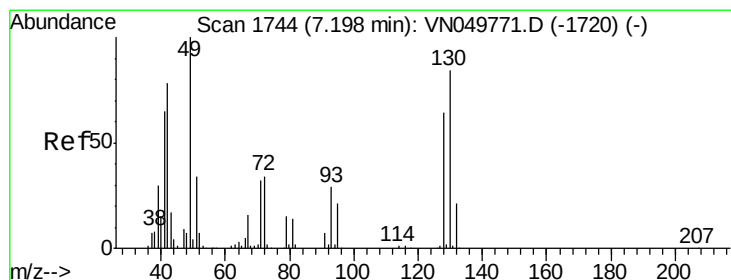
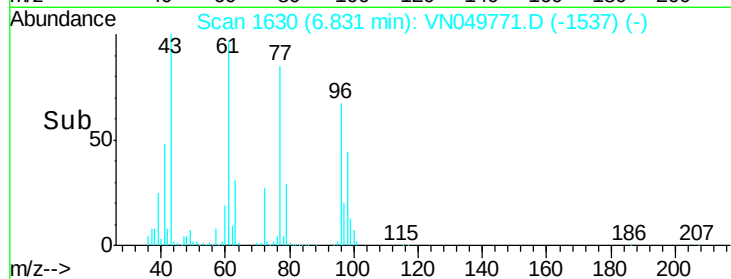
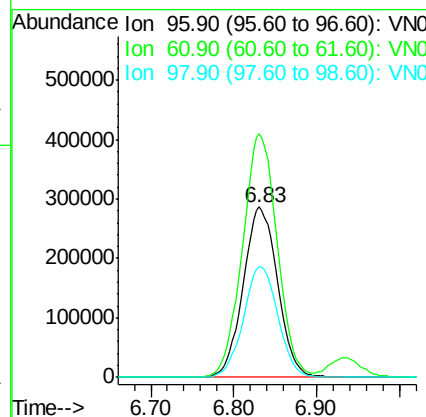
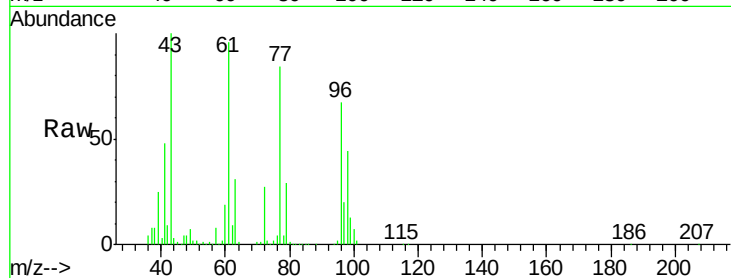




#27
 cis-1,2-Dichloroethene
 Concen: 46.926 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

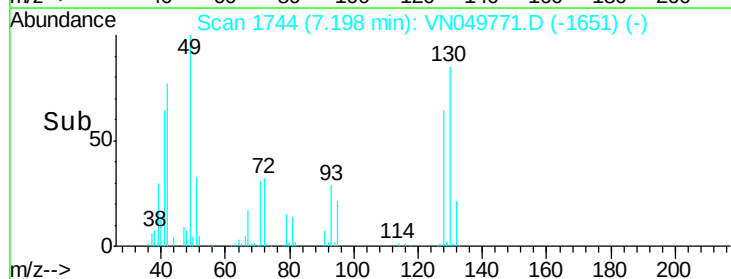
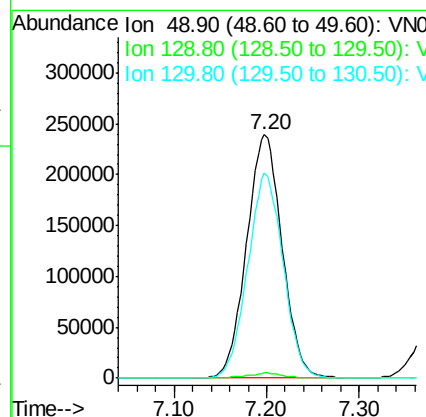
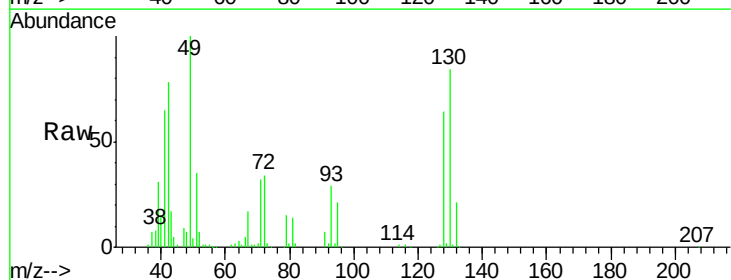
Instrument :
 MSVOA_N
 ClientSampled :

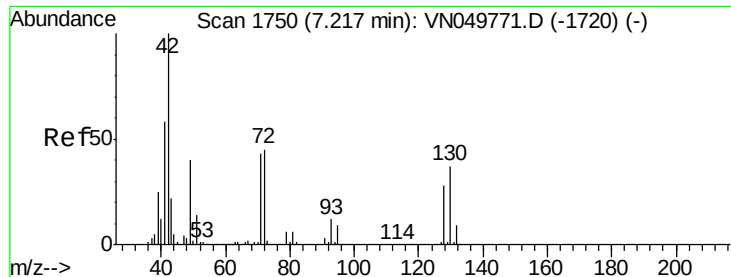
Tot Ion: 96 Resp: 826343
 Ion Ratio Lower Upper
 96 100
 61 143.9 0.0 289.0
 98 65.1 0.0 130.2



#28
 Bromochloromethane
 Concen: 47.190 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

Tgt Ion: 49 Resp: 636734
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 83.9 65.5 98.3

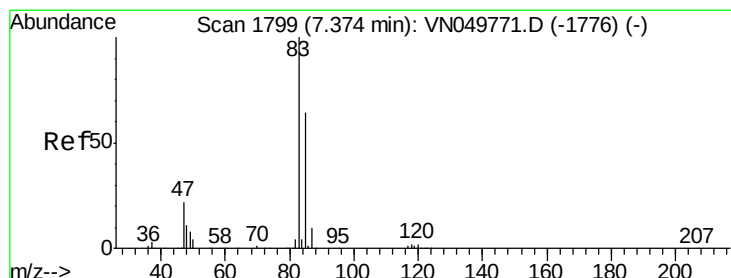
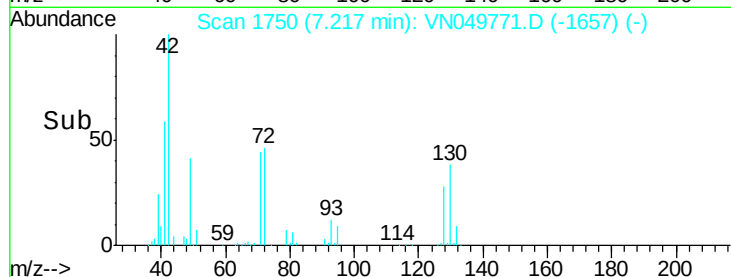
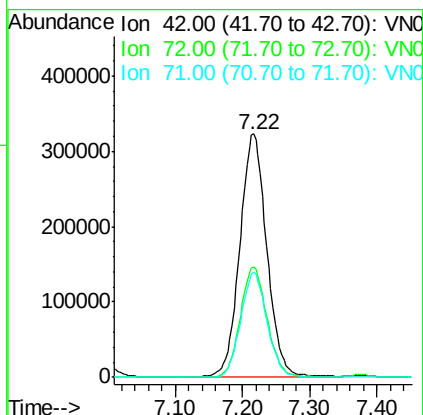
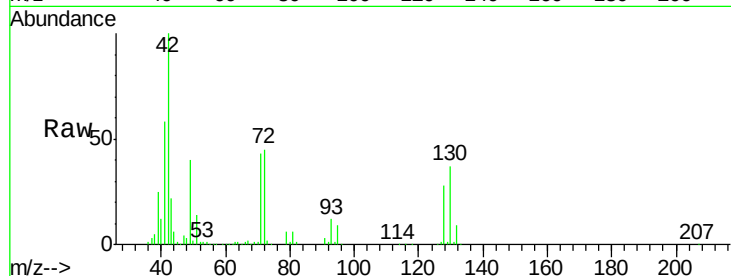




#29
Tetrahydrofuran
Concen: 241.215 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

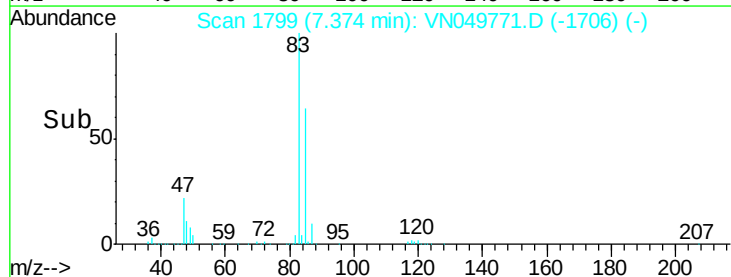
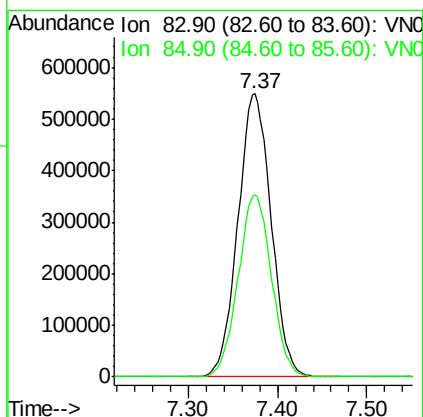
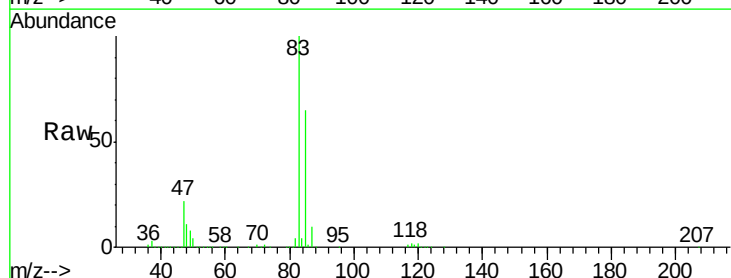
Instrument :
MSVOA_N
ClientSampleId :

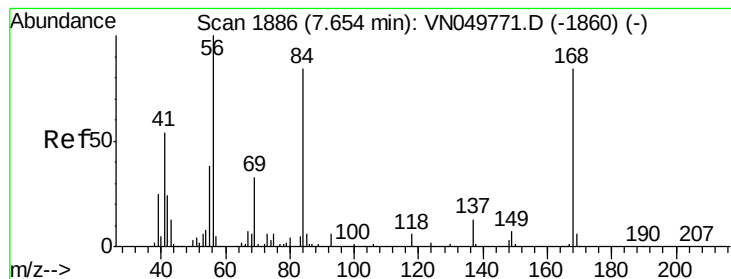
Tot Ion: 42 Resp: 894471
Ion Ratio Lower Upper
42 100
72 44.9 35.6 53.4
71 42.0 34.0 51.0



#30
Chloroform
Concen: 46.336 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Tgt Ion: 83 Resp: 1416375
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.2





#31

Cyclohexane

Concen: 49.362 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :
MSVOA_N
ClientSampled :

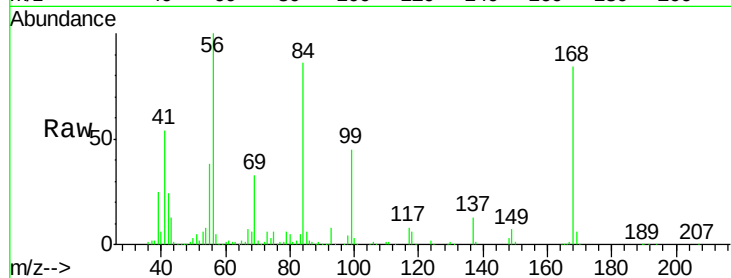
Tot Ion: 56 Resp: 1165580

Ion Ratio Lower Upper

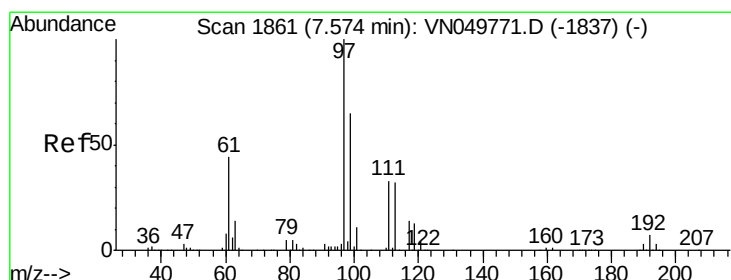
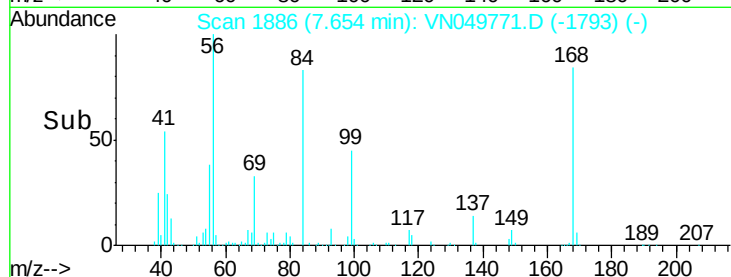
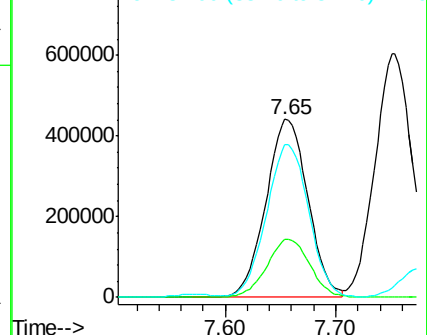
56 100

69 32.5 26.6 40.0

84 84.2 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 46.521 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

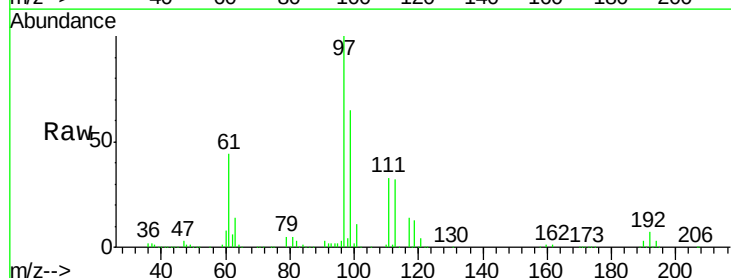
Tgt Ion: 97 Resp: 1207717

Ion Ratio Lower Upper

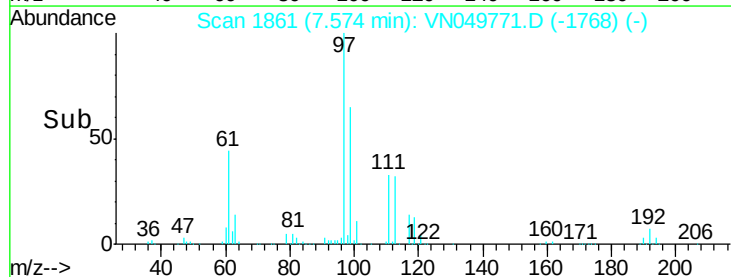
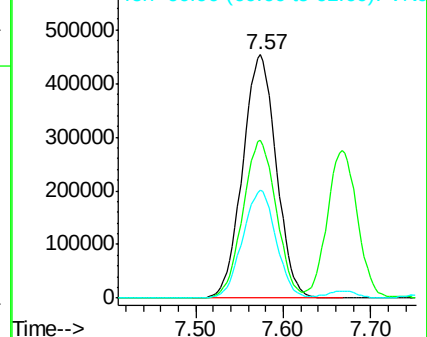
97 100

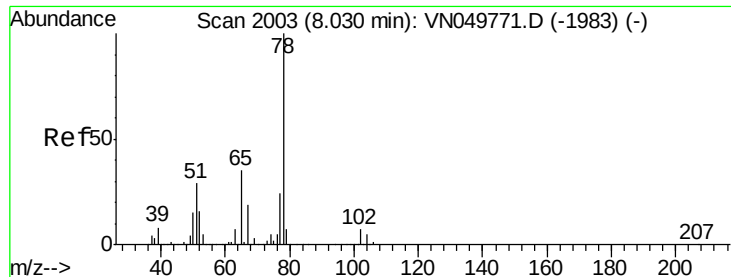
99 64.6 51.0 76.4

61 44.1 35.5 53.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

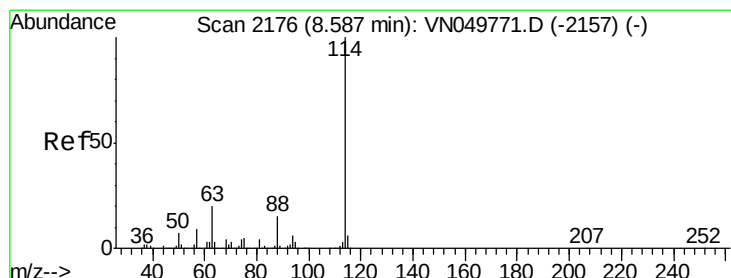
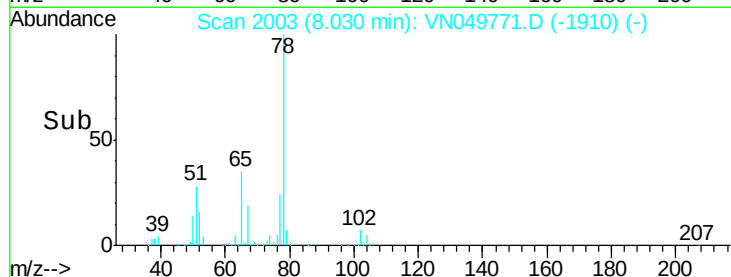
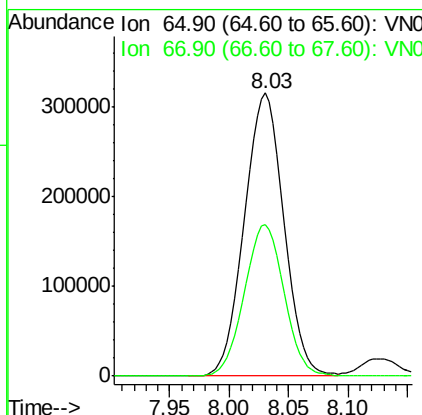
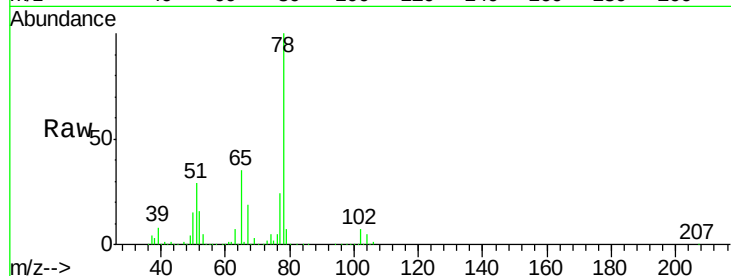




#33
 1,2-Dichloroethane-d4
 Concen: 47.921 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

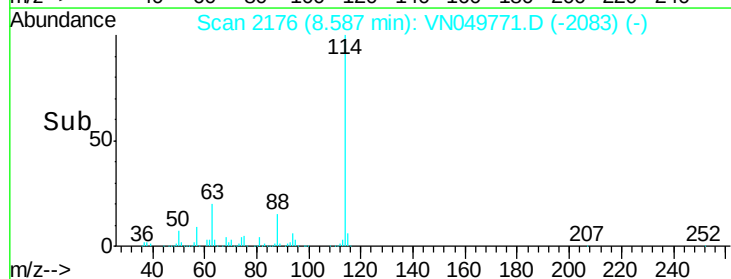
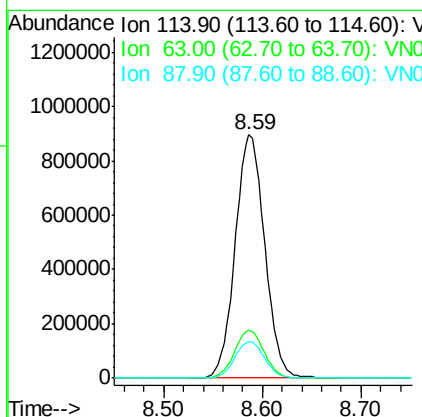
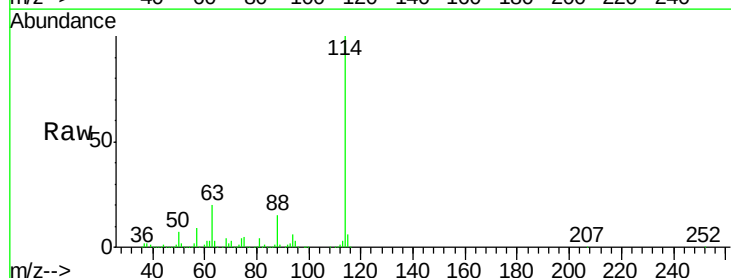
Instrument :
 MSVOA_N
 ClientSampled :

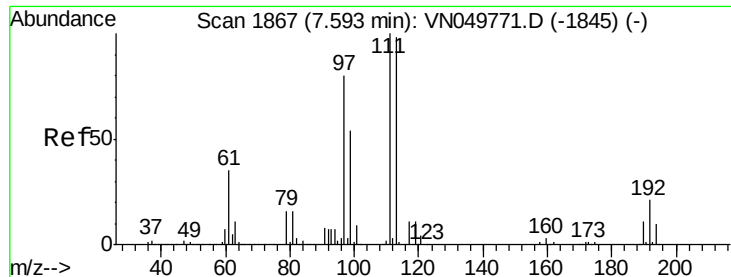
Tot Ion: 65 Resp: 726180
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

Tgt Ion: 114 Resp: 1857994
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.1 0.0 30.6

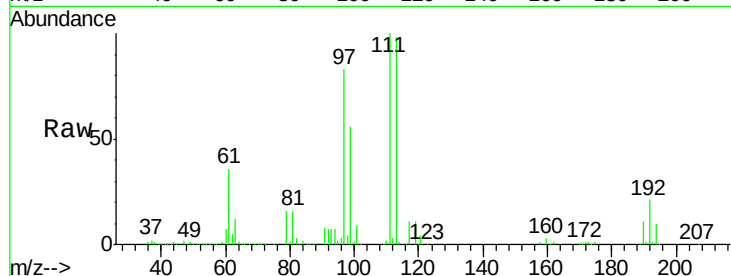




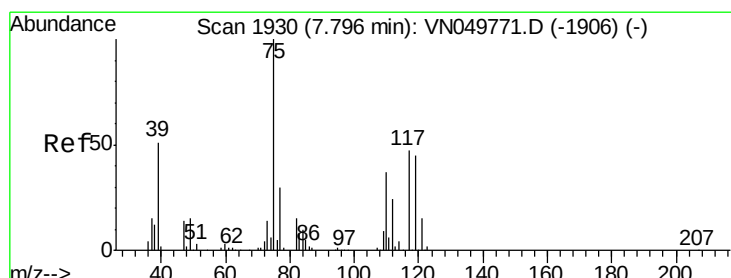
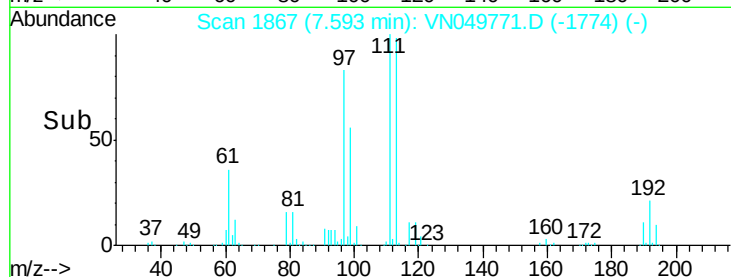
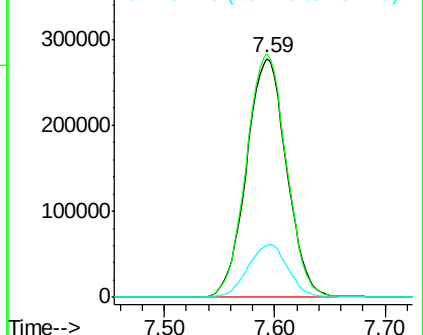
#35
Dibromofluoromethane
Concen: 49.850 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:113 Resp: 698160
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 22.2 17.8 26.6

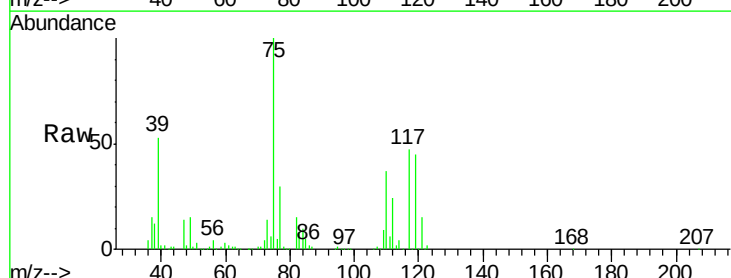


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

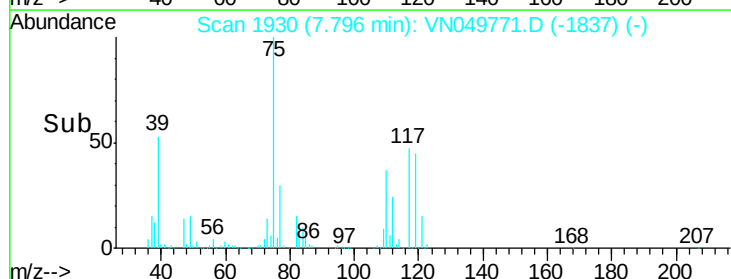
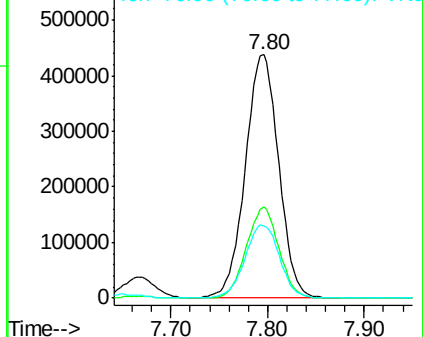


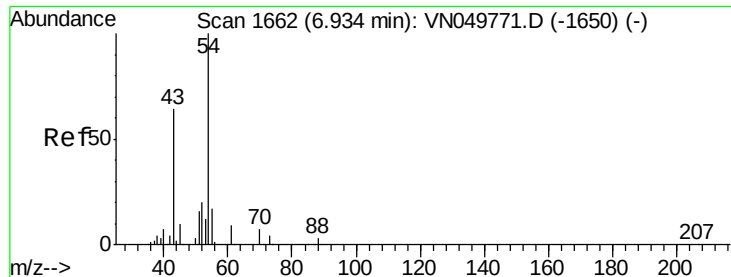
#36
1,1-Dichloropropene
Concen: 48.822 ug/l
RT: 7.80 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Tgt Ion: 75 Resp: 1045341
Ion Ratio Lower Upper
75 100
110 36.5 18.1 54.4
77 31.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

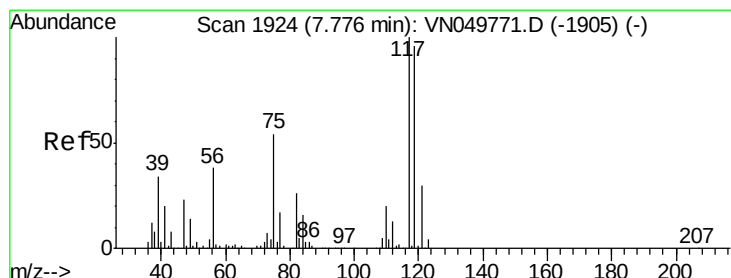
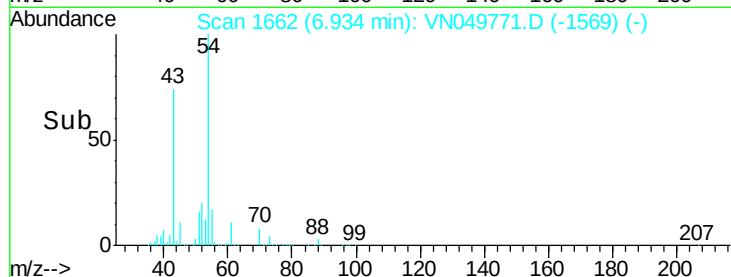
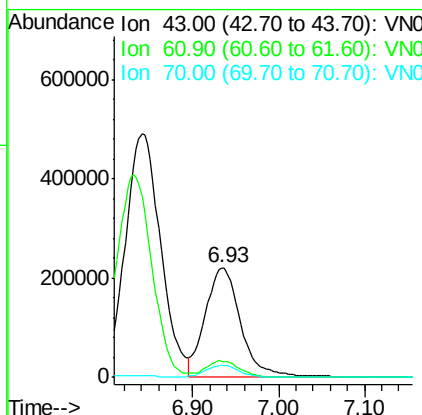
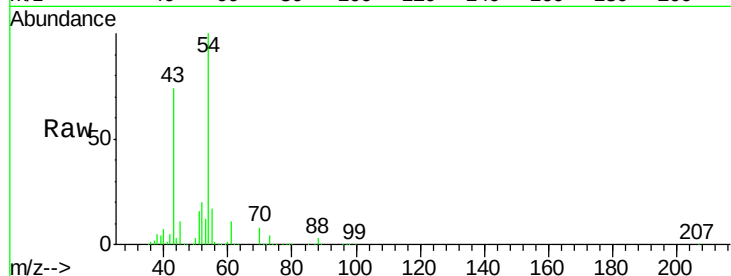




#37
Ethyl Acetate
Concen: 49.322 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

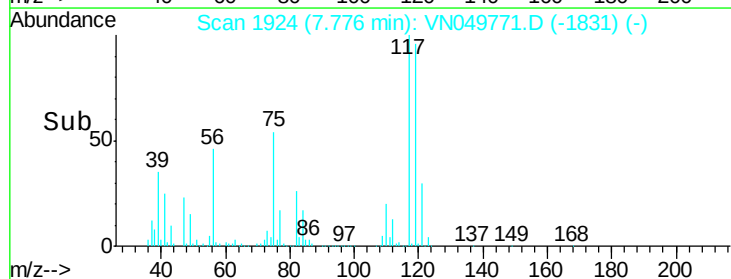
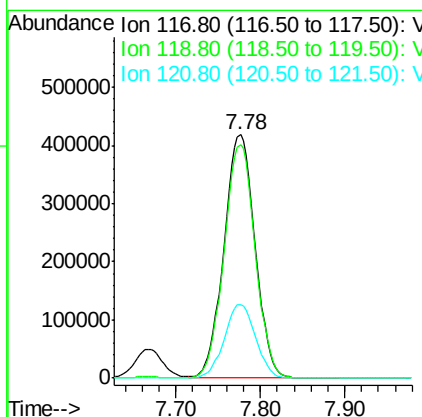
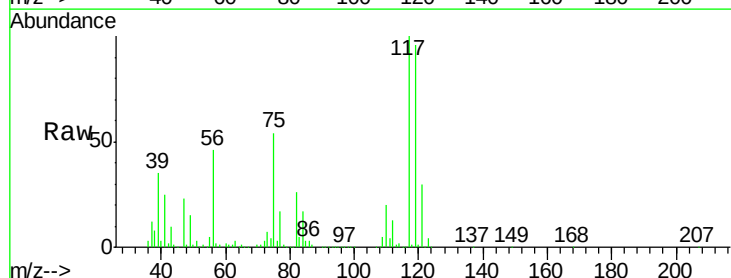
Instrument :
MSVOA_N
ClientSampled :

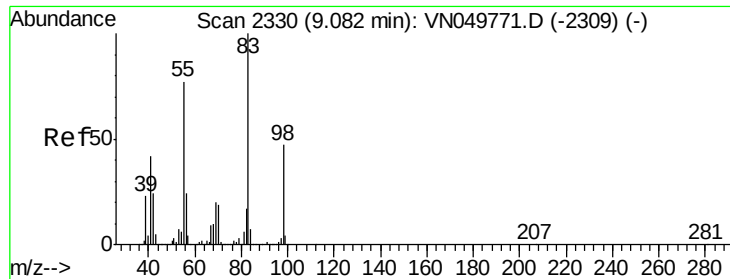
Tot Ion: 43 Resp: 625087
Ion Ratio Lower Upper
43 100
61 13.9 11.7 17.5
70 10.1 8.4 12.6



#38
Carbon Tetrachloride
Concen: 47.877 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Tgt Ion: 117 Resp: 1071611
Ion Ratio Lower Upper
117 100
119 95.5 77.2 115.8
121 30.1 25.0 37.6

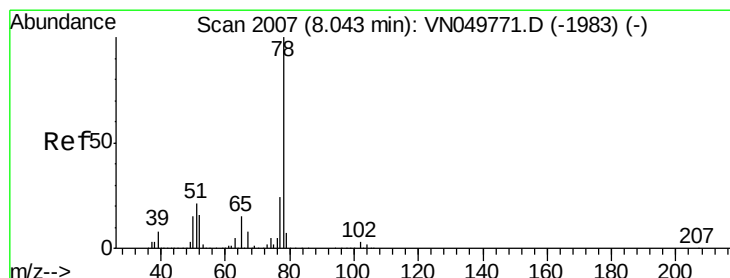
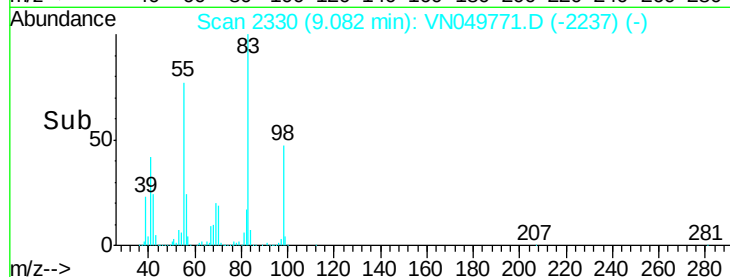
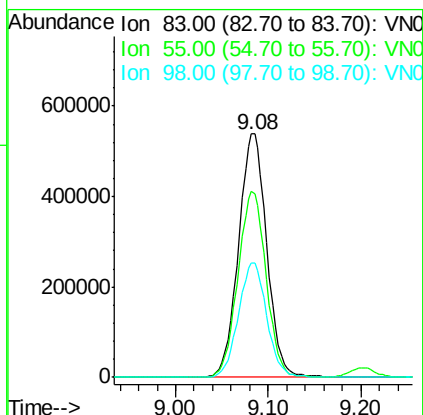
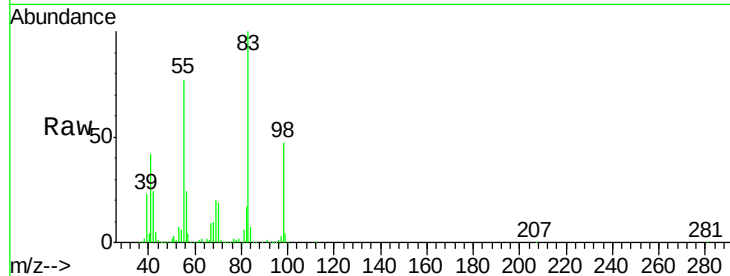




#39
Methylvlcyclohexane
Concen: 50.338 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

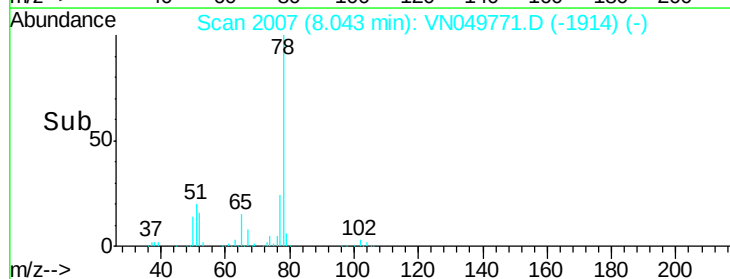
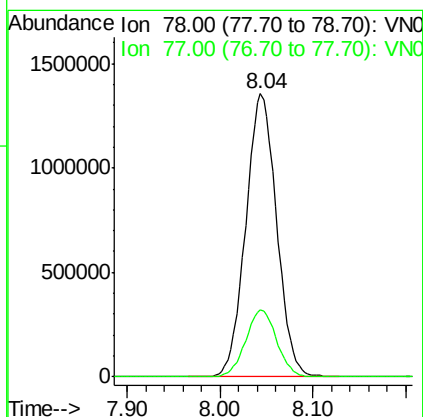
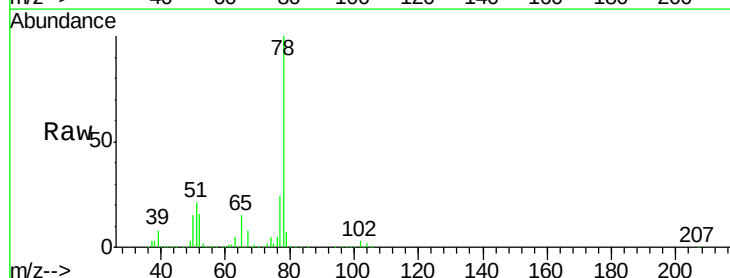
Instrument :
MSVOA_N
ClientSampleId :

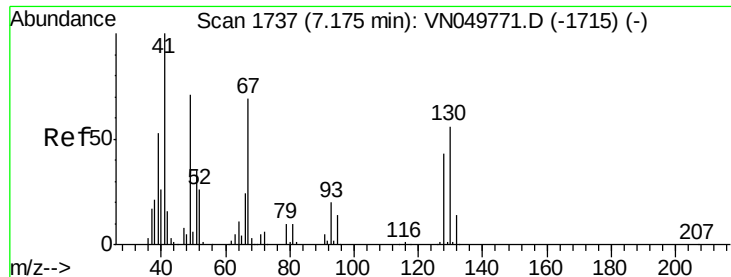
Tot Ion: 83 Resp: 1136059
Ion Ratio Lower Upper
83 100
55 76.6 59.7 89.5
98 47.2 36.5 54.7



#40
Benzene
Concen: 48.831 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Tgt Ion: 78 Resp: 3127665
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

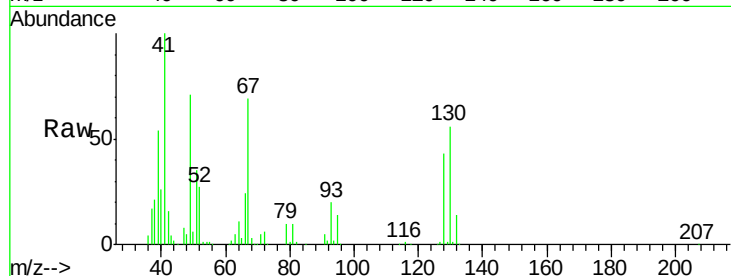




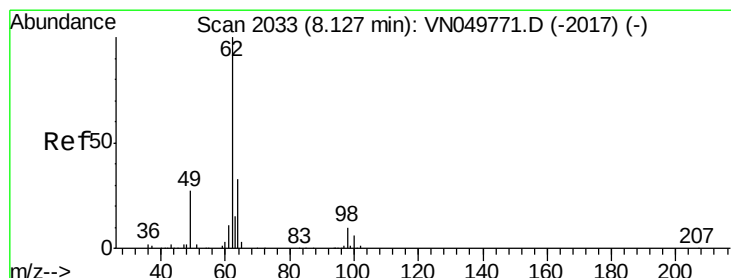
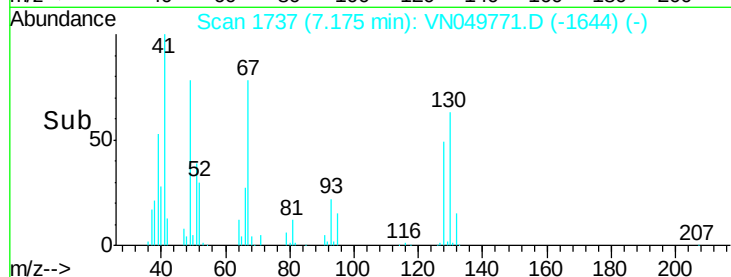
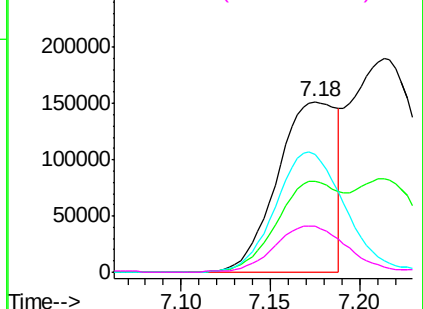
#41
Methacrylonitrile
Concen: 48.669 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	348900
Ion	Ratio	Lower	Upper
41	100		
39	56.4	45.4	68.2
67	83.6	65.4	98.0
52	32.7	24.7	37.1

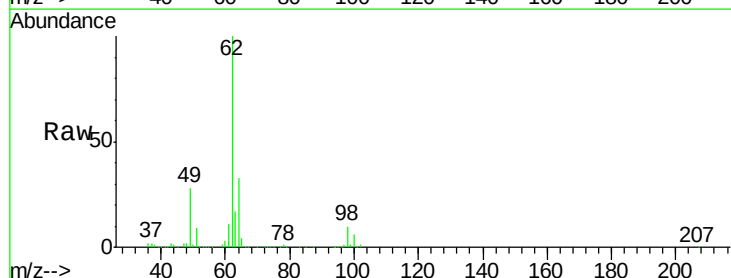


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

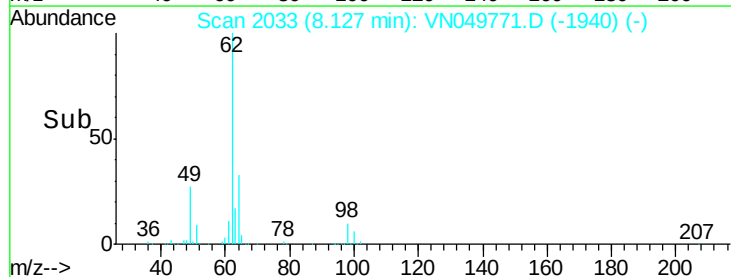
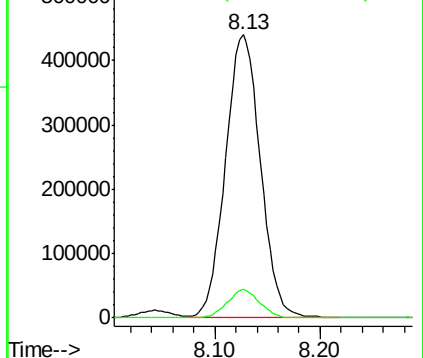


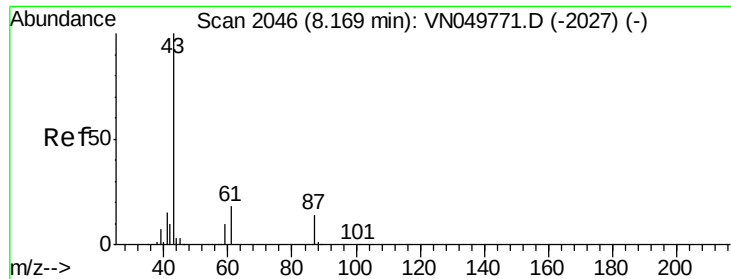
#42
1,2-Dichloroethane
Concen: 48.075 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Tgt Ion:	62	Resp:	1007225
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 49.801 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

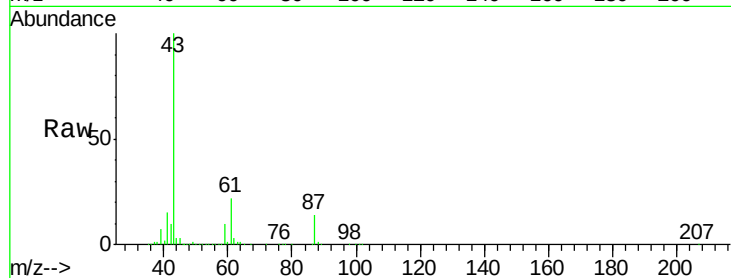
Tot Ion: 43 Resp: 1134467

Ion Ratio Lower Upper

43 100

61 20.4 14.9 22.3

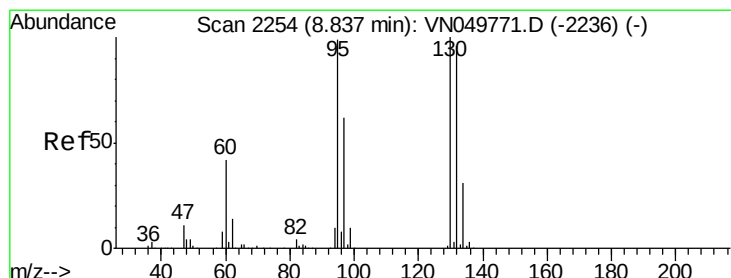
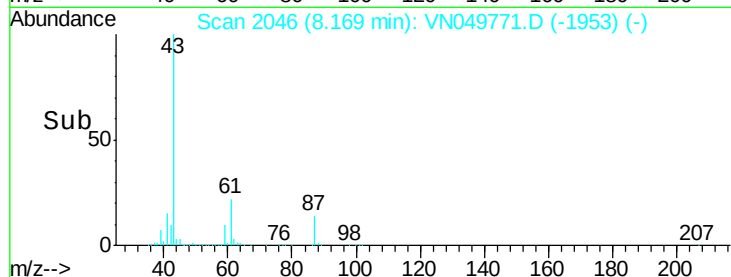
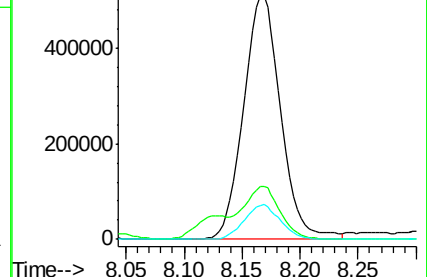
87 13.9 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049771.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN049771.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN049771.D (-2027) (-)



#44

Trichloroethene

Concen: 47.802 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049771.D

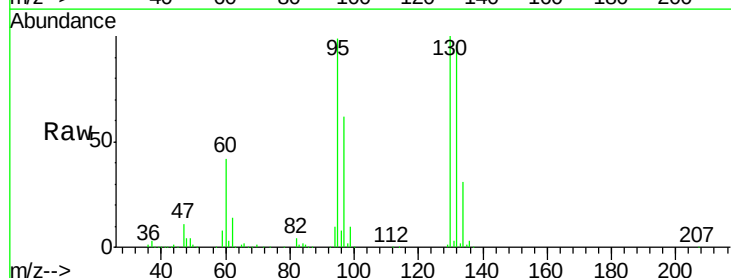
Acq: 12 Jul 2018 12:06

Tgt Ion:130 Resp: 824420

Ion Ratio Lower Upper

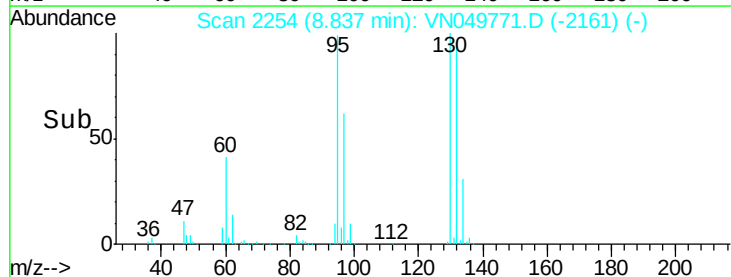
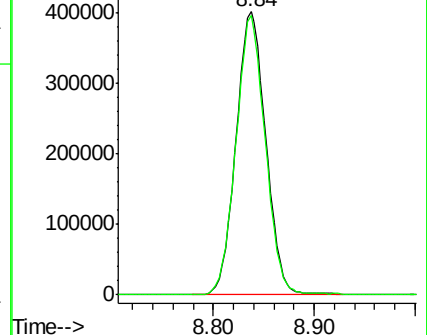
130 100

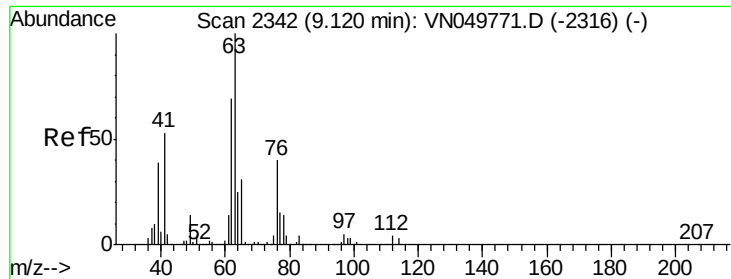
95 98.6 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049771.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN049771.D (-2236) (-)

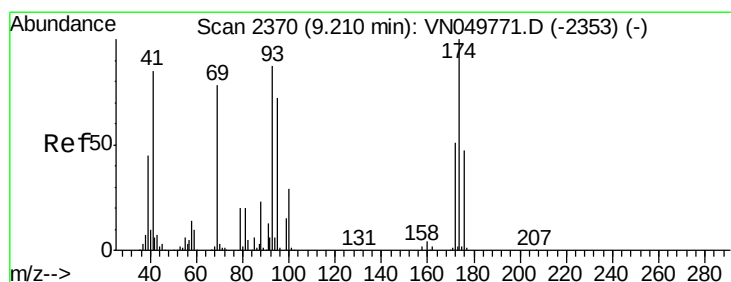
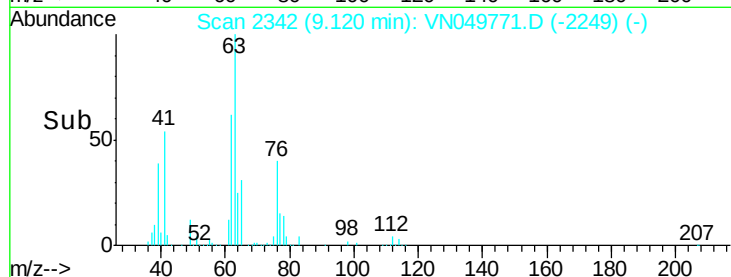
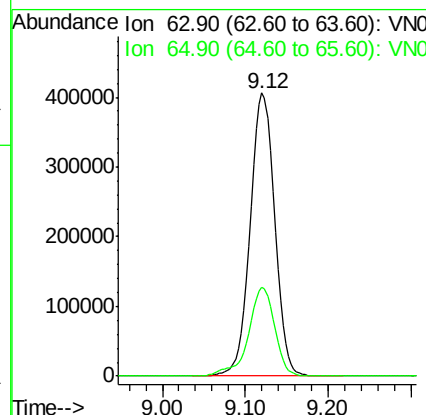
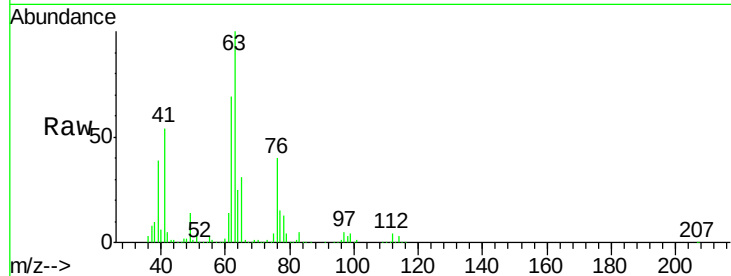




#45
 1,2-Dichloropropane
 Concen: 48.401 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

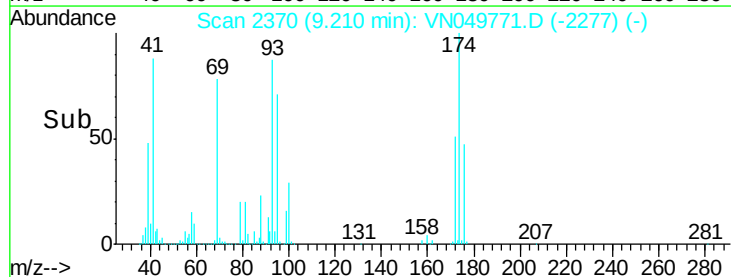
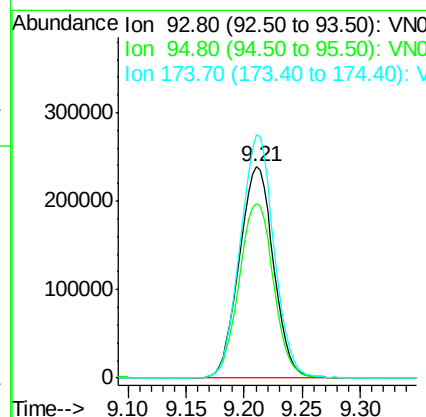
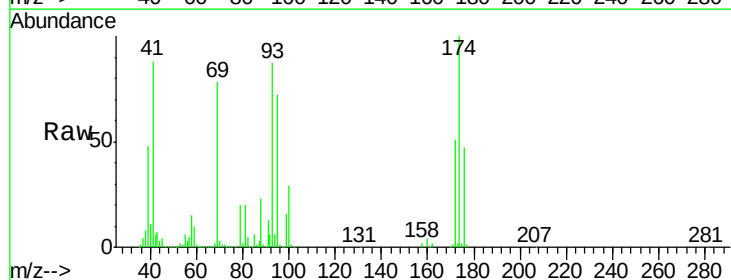
Instrument :
 MSVOA_N
 ClientSampled :

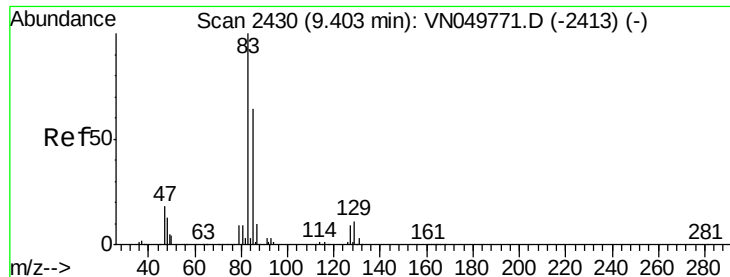
Tot Ion: 63 Resp: 833156
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.7 37.1



#46
 Dibromomethane
 Concen: 48.022 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

Tgt Ion: 93 Resp: 490949
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.9 101.9
 174 113.3 89.4 134.0





#47

Bromodichloromethane

Concen: 48.337 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

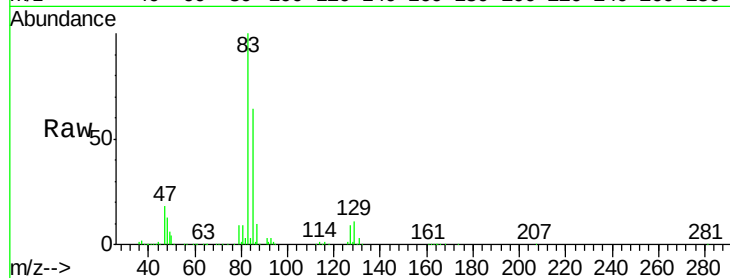
Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 1088217

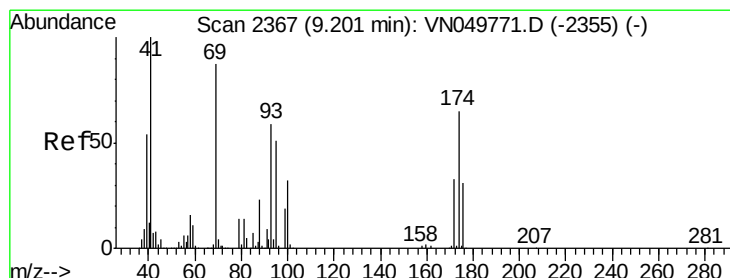
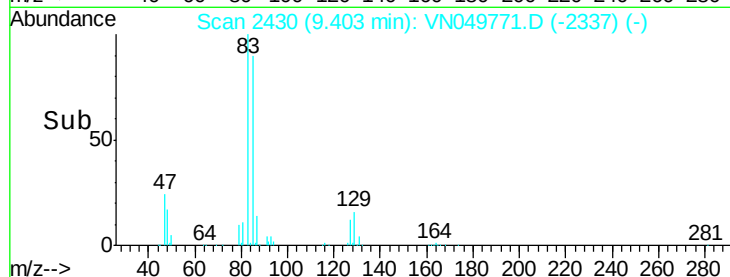
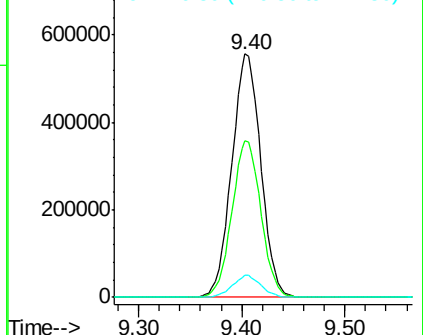
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.5	75.7
127	8.9	6.8	10.2



Abundance Ion 82.90 (82.60 to 83.60): VN049771.D (-2413) (-)

Ion 84.90 (84.60 to 85.60): VN049771.D (-2413) (-)

Ion 126.80 (126.50 to 127.50): VN049771.D (-2413) (-)



#48

Methyl methacrylate

Concen: 49.407 ug/l

RT: 9.20 min Scan# 2367

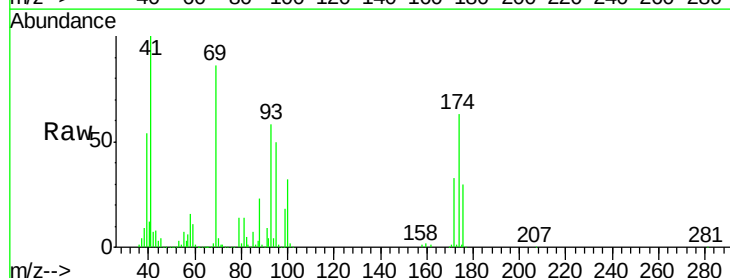
Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Tgt Ion: 41 Resp: 562722

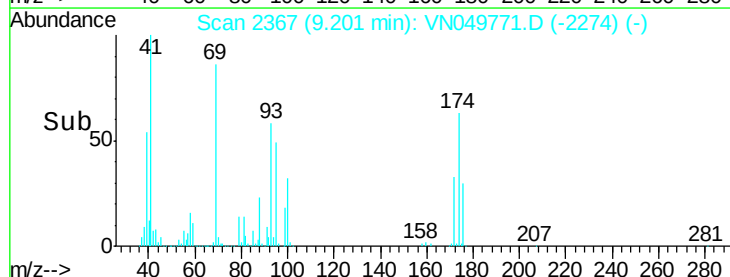
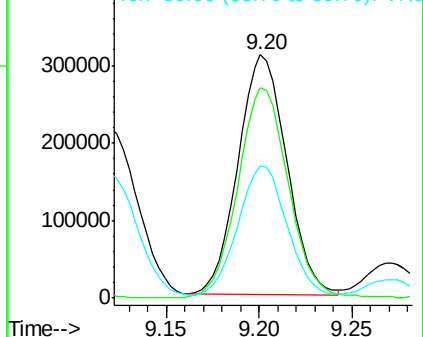
Ion	Ratio	Lower	Upper
41	100		
69	90.5	71.5	107.3
39	56.5	44.7	67.1

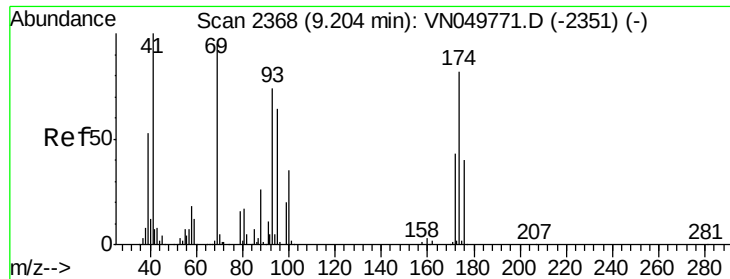


Abundance Ion 41.00 (40.70 to 41.70): VN049771.D (-2355) (-)

Ion 69.00 (68.70 to 69.70): VN049771.D (-2355) (-)

Ion 39.00 (38.70 to 39.70): VN049771.D (-2355) (-)

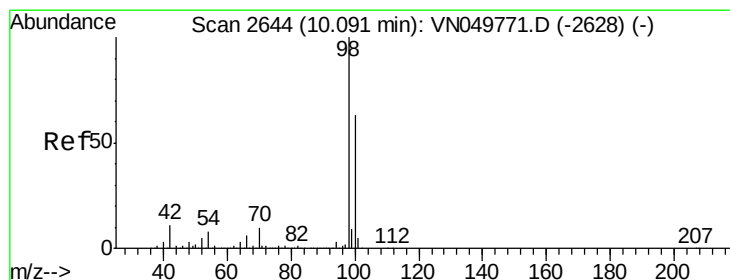
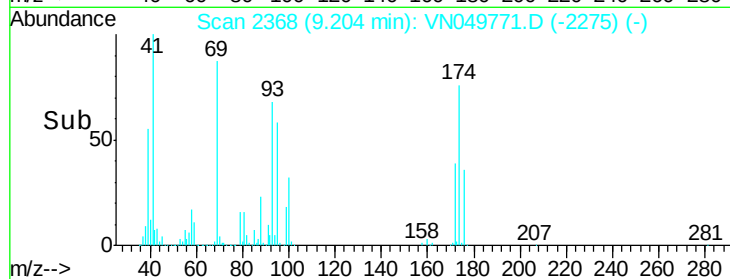
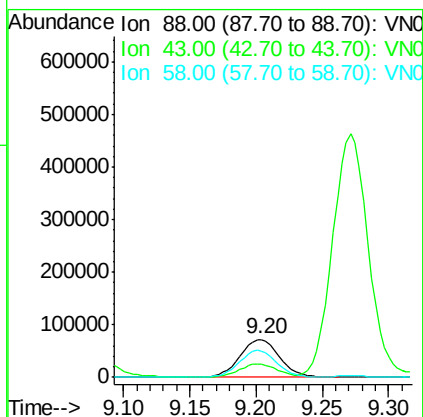
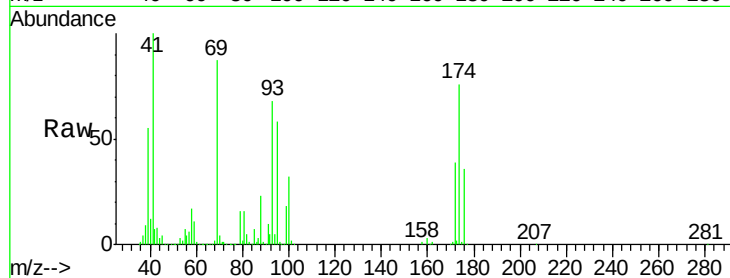




#49
1,4-Dioxane
Concen: 1004.756 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

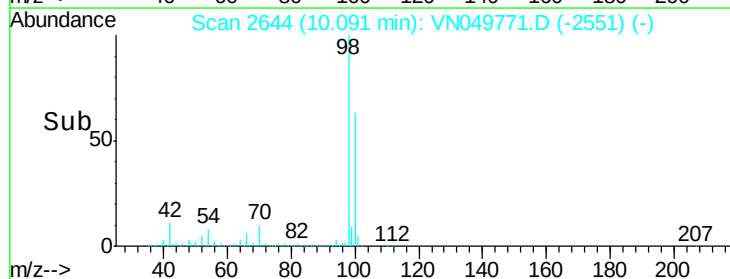
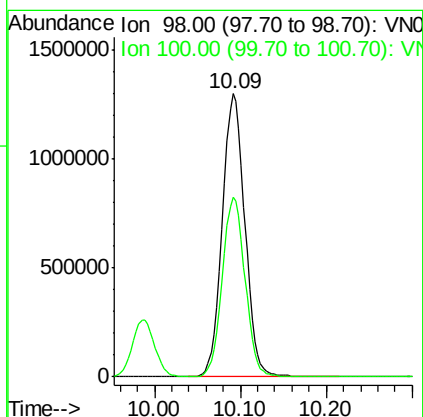
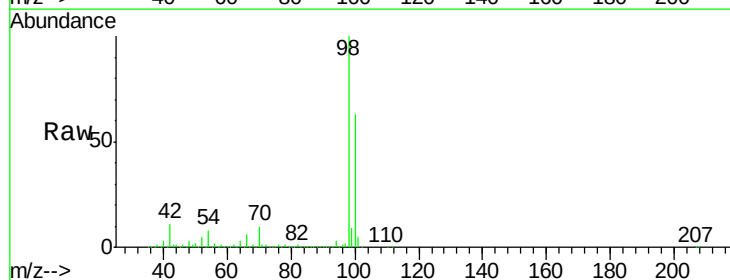
Instrument :
MSVOA_N
ClientSampleId :

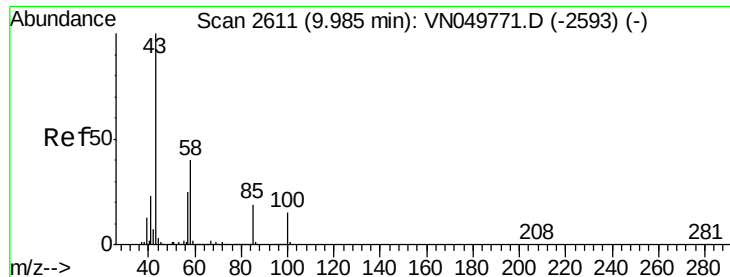
Tot Ion: 88 Resp: 149946
Ion Ratio Lower Upper
88 100
43 32.1 25.1 37.7
58 67.9 52.5 78.7



#50
Toluene-d8
Concen: 49.529 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Tgt Ion: 98 Resp: 2374428
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

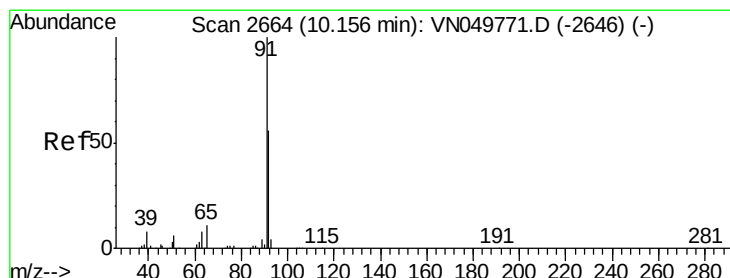
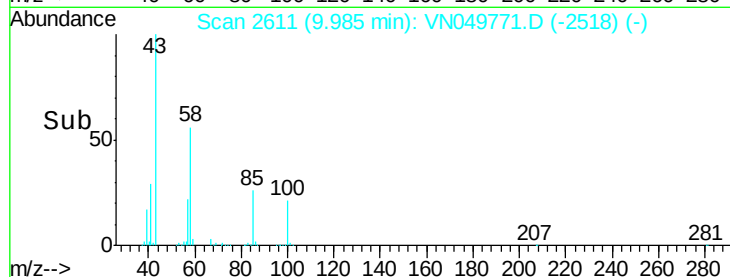
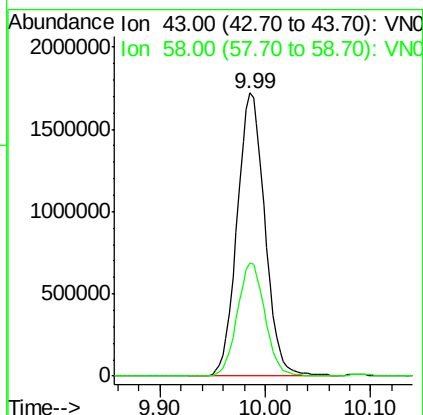
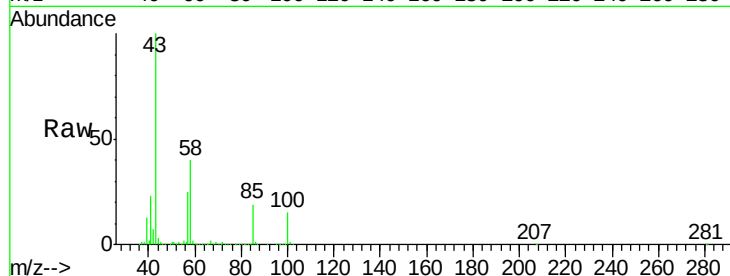




#51
 4-Methyl-2-Pentanone
 Concen: 253.208 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

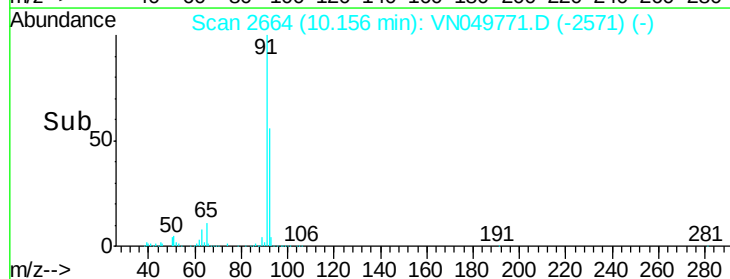
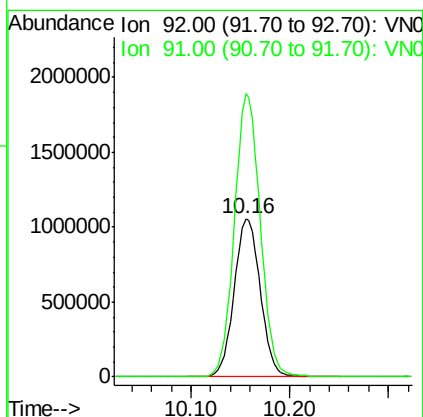
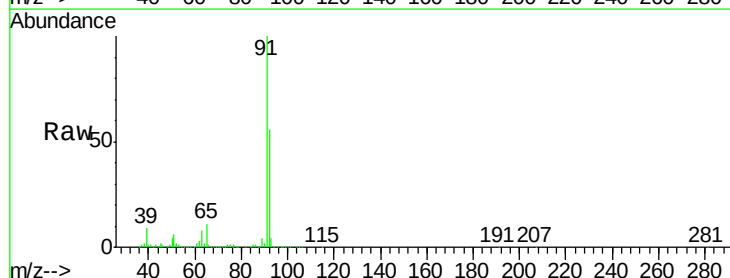
Instrument :
 MSVOA_N
 ClientSampleId :

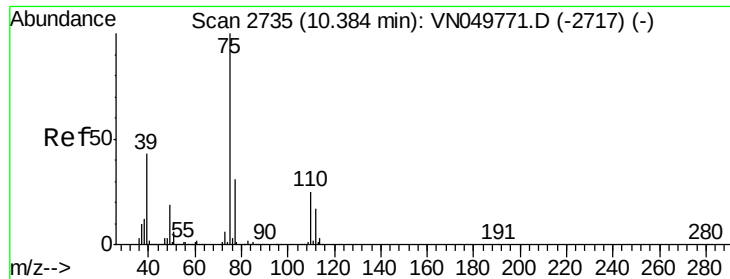
Tot Ion: 43 Resp: 3131794
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.8 47.8



#52
 Toluene
 Concen: 50.826 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

Tgt Ion: 92 Resp: 1948366
 Ion Ratio Lower Upper
 92 100
 91 176.8 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 51.022 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

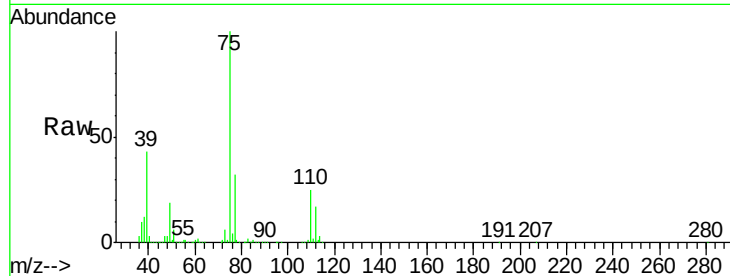
ClientSampleId :

Tot Ion: 75 Resp: 1104863

Ion Ratio Lower Upper

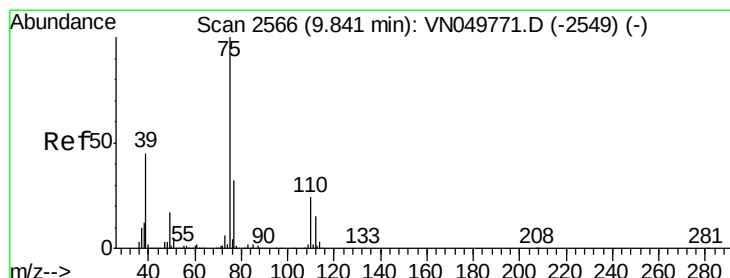
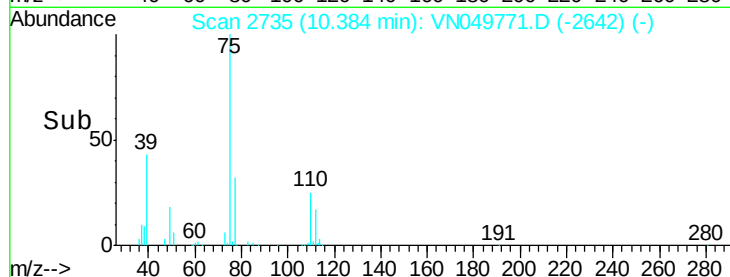
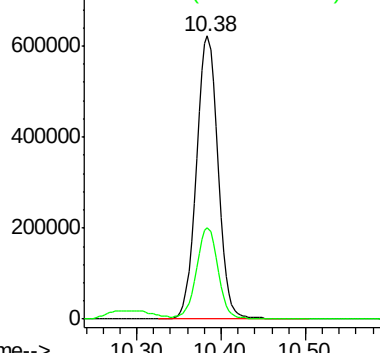
75 100

77 32.3 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 51.264 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

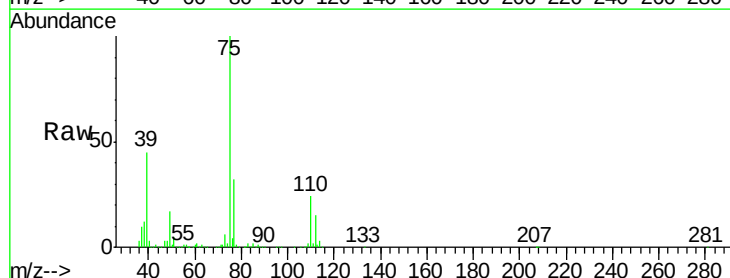
Tgt Ion: 75 Resp: 1264422

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

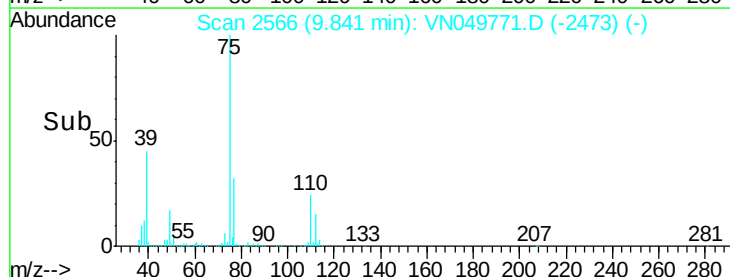
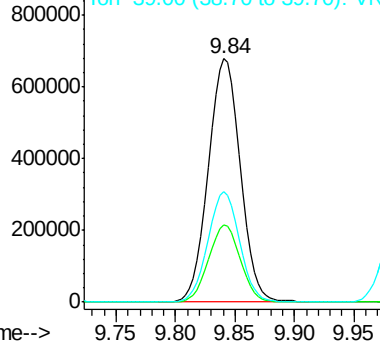
39 45.4 35.5 53.3

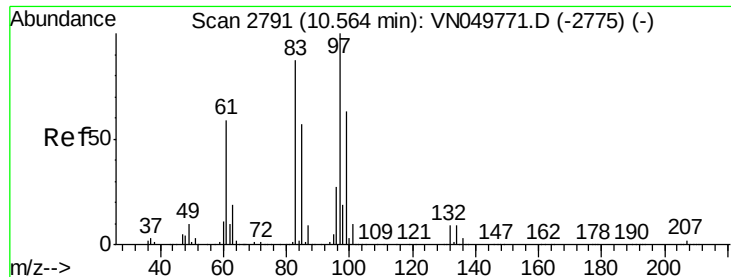


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 49.391 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 716460

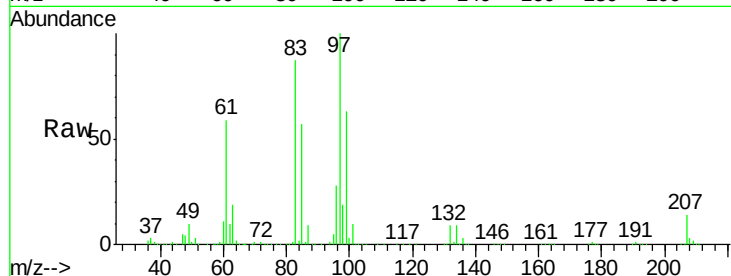
Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.0	103.6
85	56.7	44.9	67.3
99	63.3	49.8	74.6

97 100

83 86.8 69.0 103.6

85 56.7 44.9 67.3

99 63.3 49.8 74.6



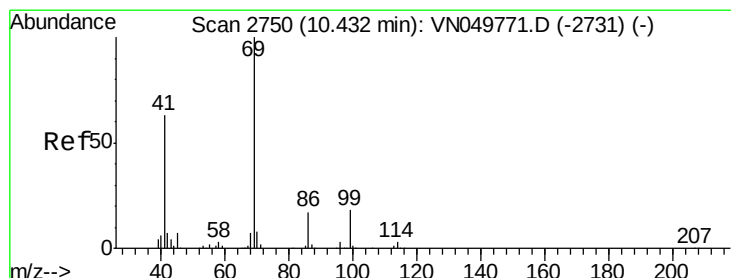
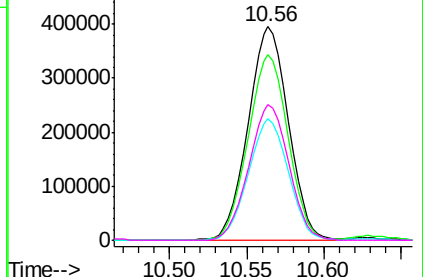
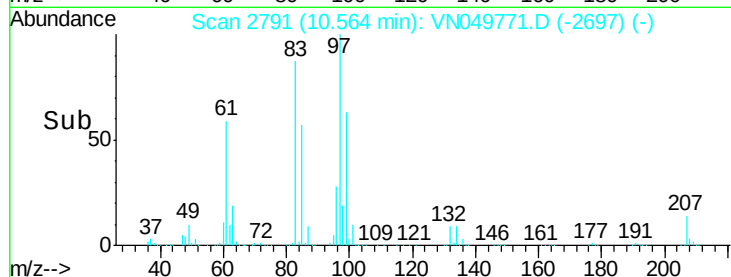
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Time-->



#56

Ethyl methacrylate

Concen: 52.248 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

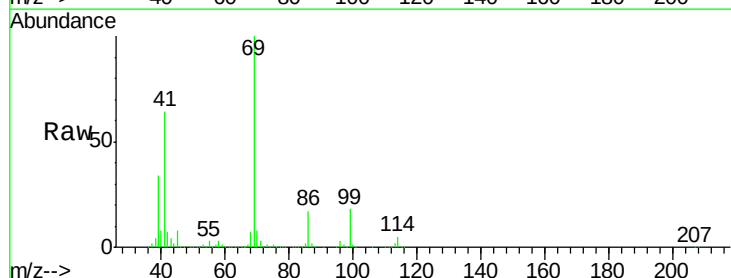
Tgt Ion: 69 Resp: 904052

Ion	Ratio	Lower	Upper
69	100		
41	63.6	51.6	77.4
39	32.8	25.8	38.8

69 100

41 63.6 51.6 77.4

39 32.8 25.8 38.8

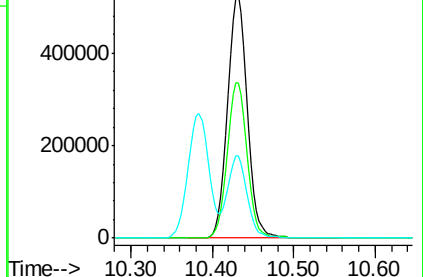
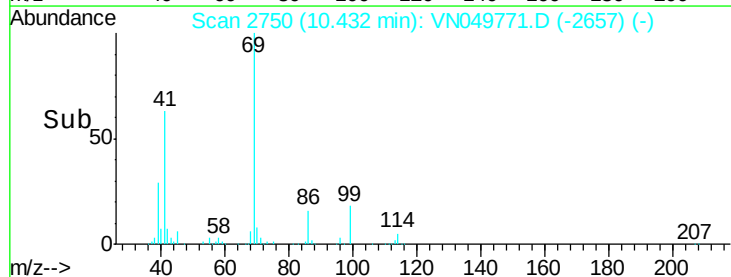


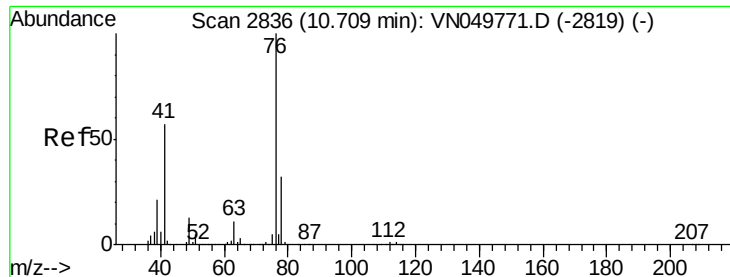
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Time-->





#57

1,3-Dichloropropane

Concen: 49.055 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

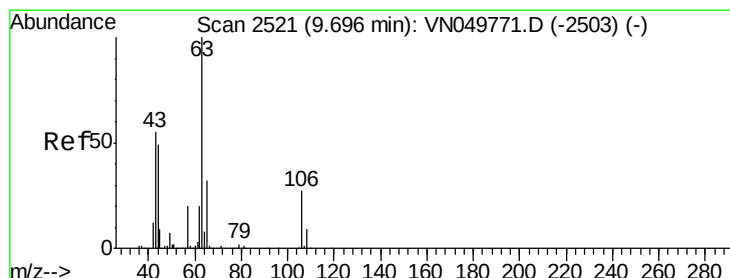
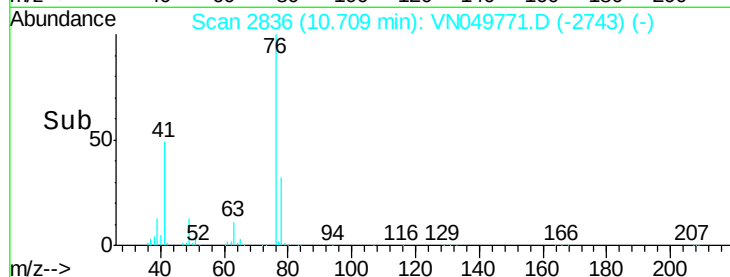
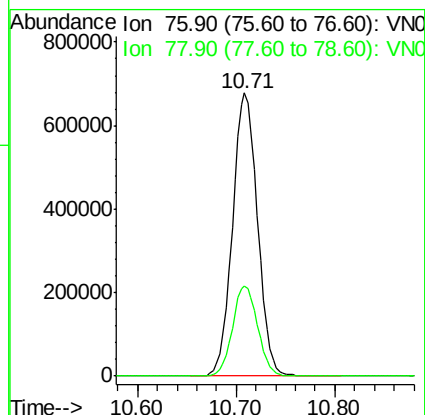
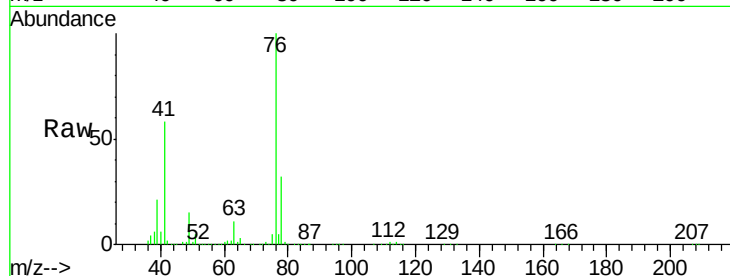
ClientSampleId :

Tot Ion: 76 Resp: 1198009

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 264.417 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049771.D

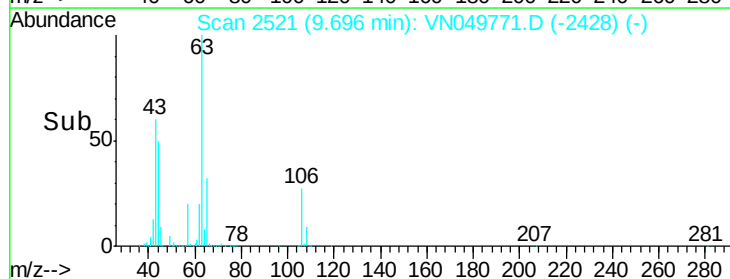
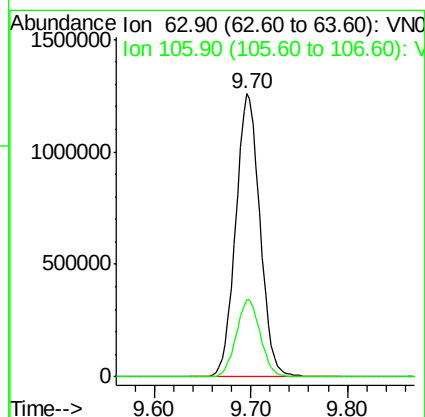
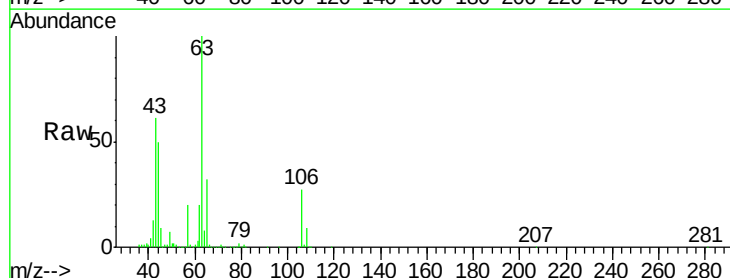
Acq: 12 Jul 2018 12:06

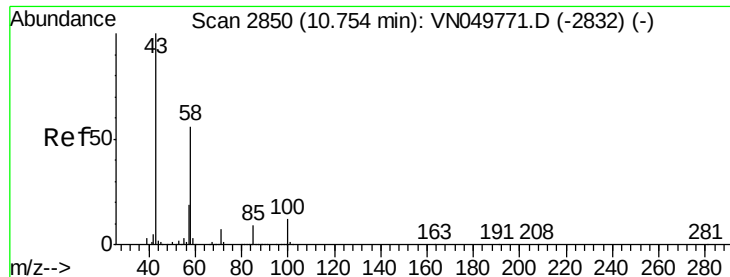
Tgt Ion: 63 Resp: 2194285

Ion Ratio Lower Upper

63 100

106 27.2 21.8 32.8

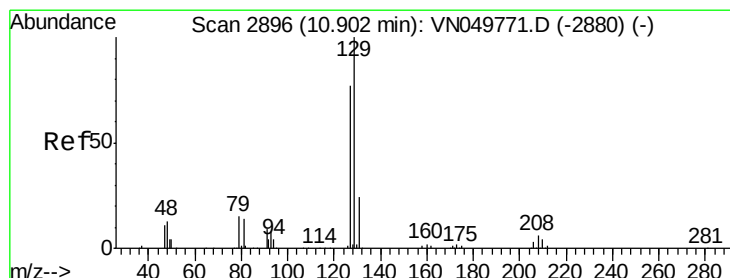
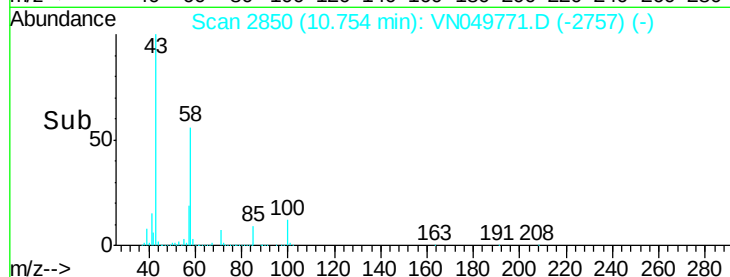
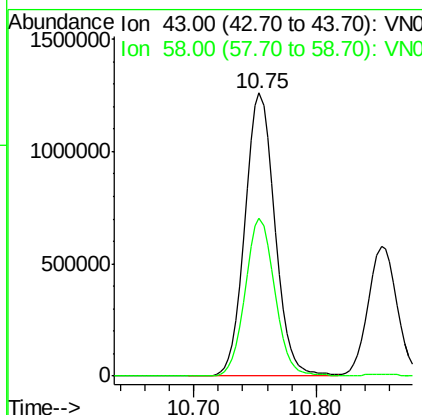
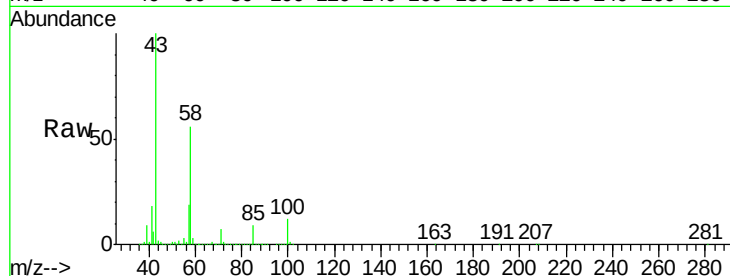




#59
2-Hexanone
Concen: 257.611 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

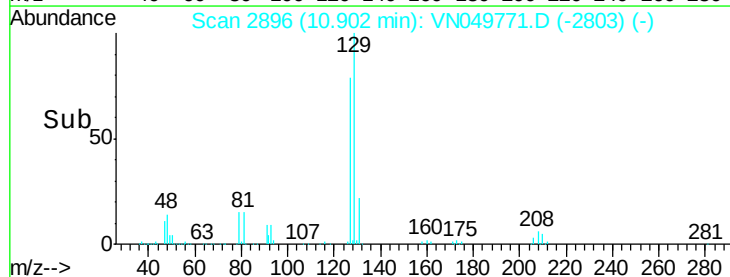
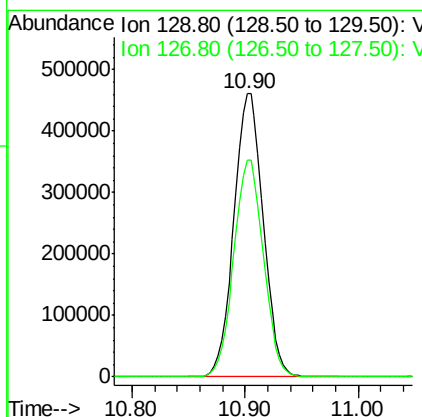
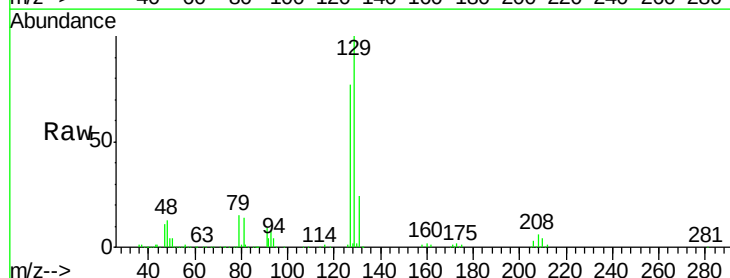
Instrument :
MSVOA_N
ClientSampled :

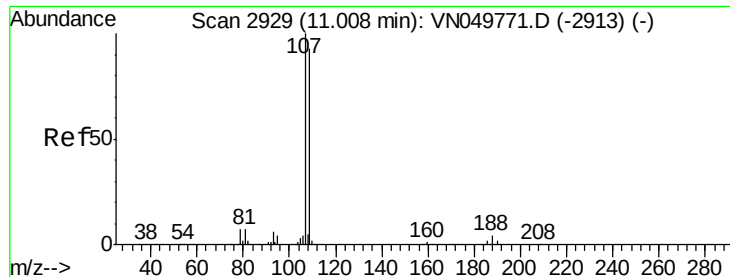
Tot Ion: 43 Resp: 2118201
Ion Ratio Lower Upper
43 100
58 55.3 27.8 83.4



#60
Dibromochloromethane
Concen: 49.640 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Tgt Ion: 129 Resp: 833601
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.9

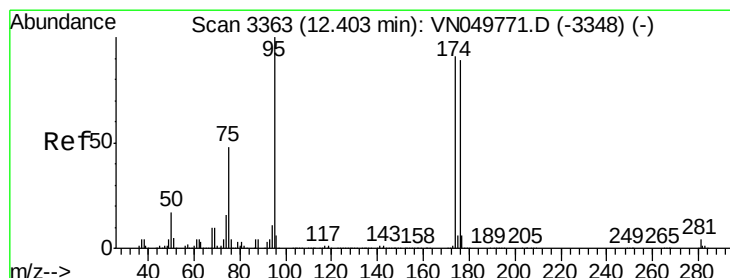
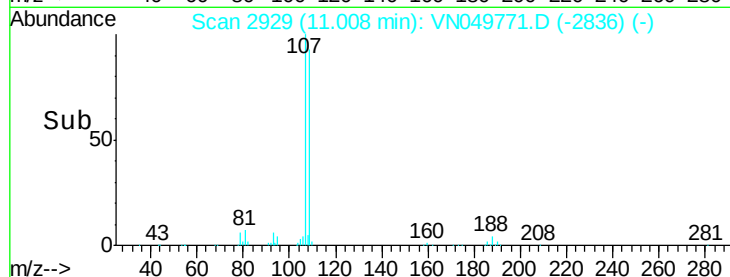
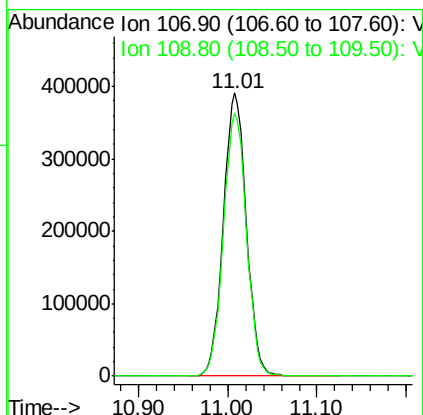
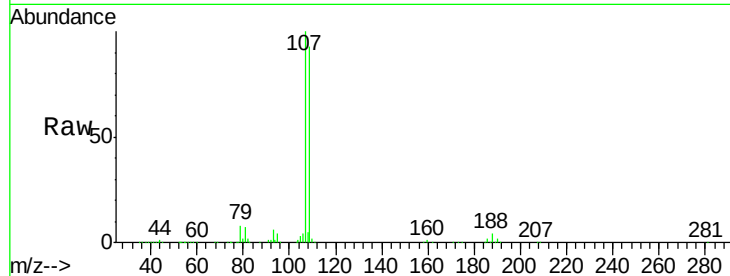




#61
 1,2-Dibromoethane
 Concen: 49.922 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

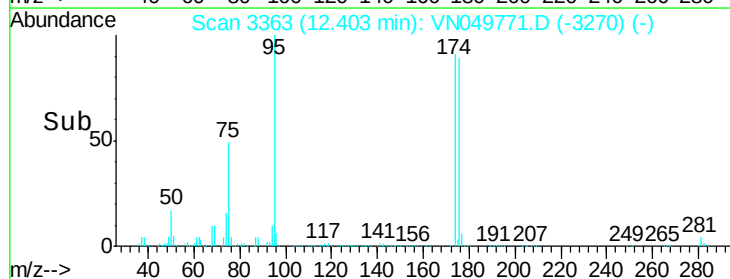
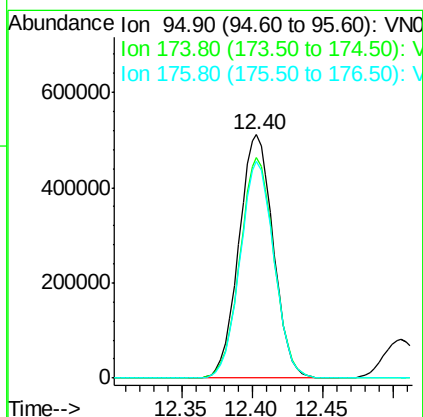
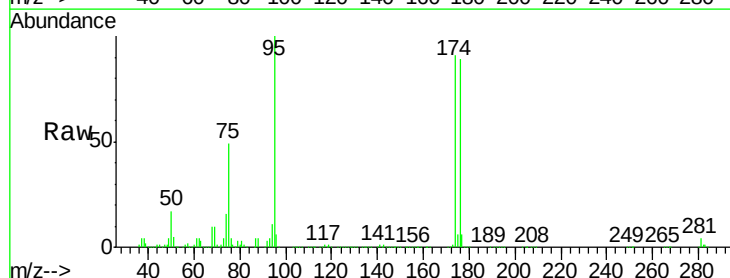
Instrument :
 MSVOA_N
 ClientSampled :

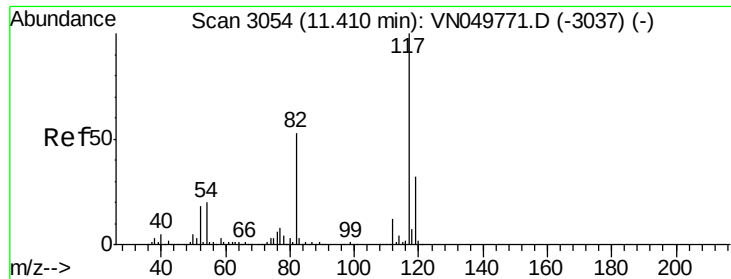
Tot Ion: 107 Resp: 696428
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.985 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

Tgt Ion: 95 Resp: 872978
 Ion Ratio Lower Upper
 95 100
 174 89.6 0.0 179.6
 176 87.9 0.0 174.0

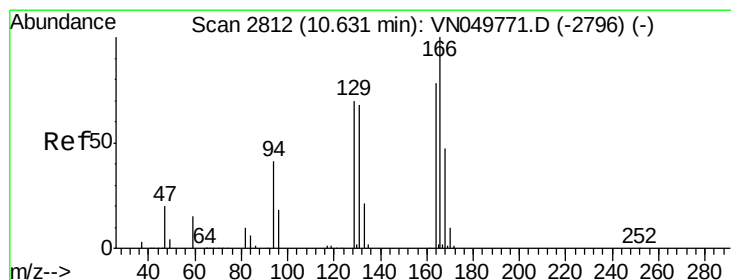
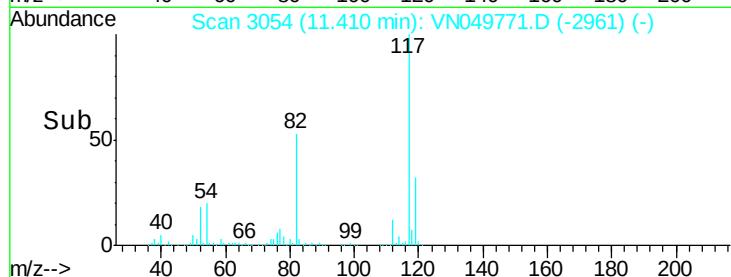
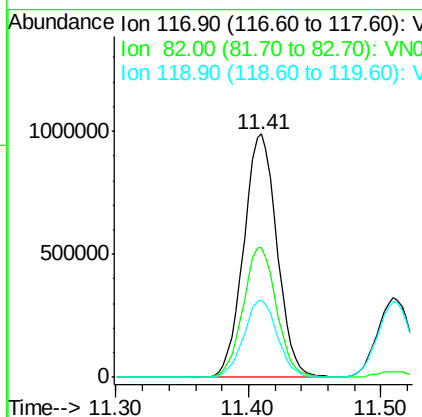
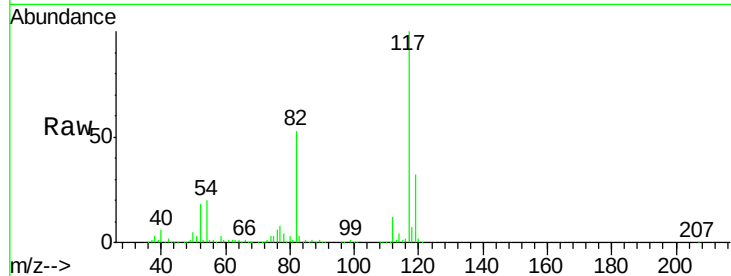




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

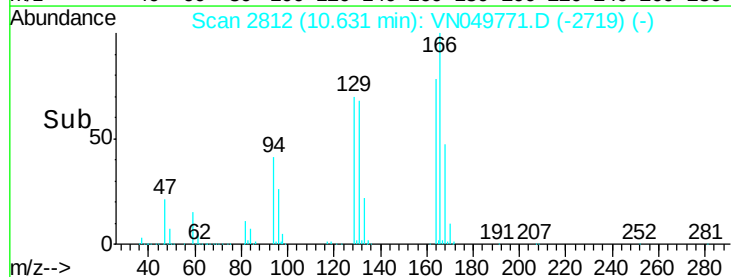
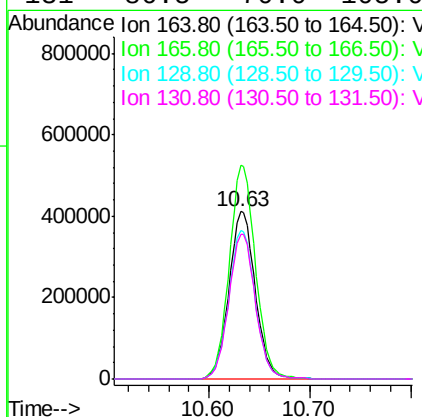
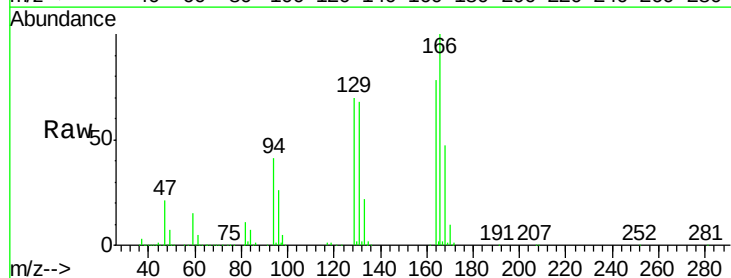
Instrument :
MSVOA_N
ClientSampled :

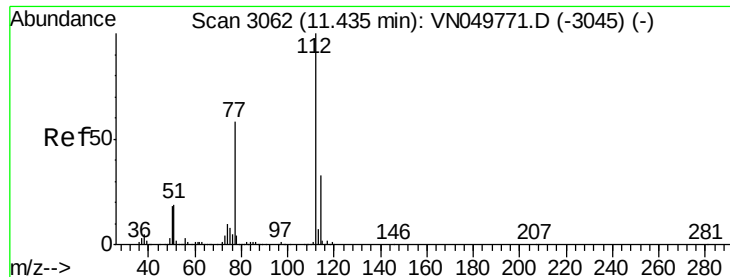
Tot Ion:117 Resp: 1722938
Ion Ratio Lower Upper
117 100
82 53.4 41.9 62.9
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 47.703 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Tgt Ion:164 Resp: 746259
Ion Ratio Lower Upper
164 100
166 127.8 101.8 152.6
129 89.1 72.8 109.2
131 86.5 70.0 105.0

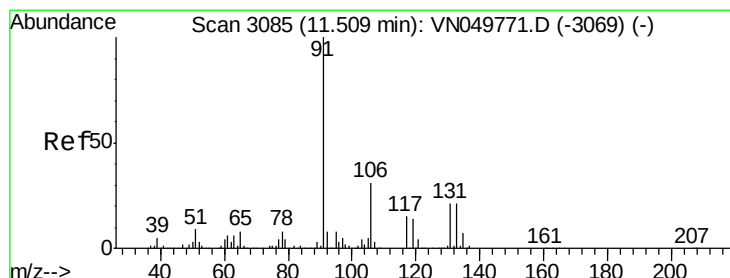
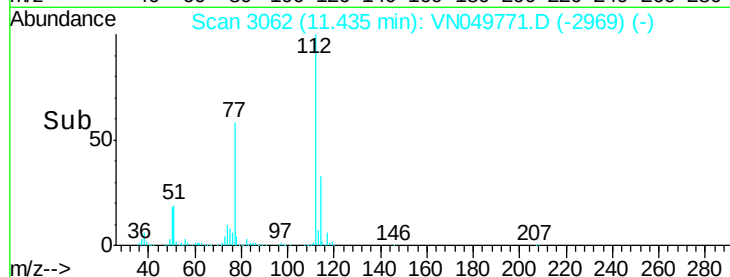
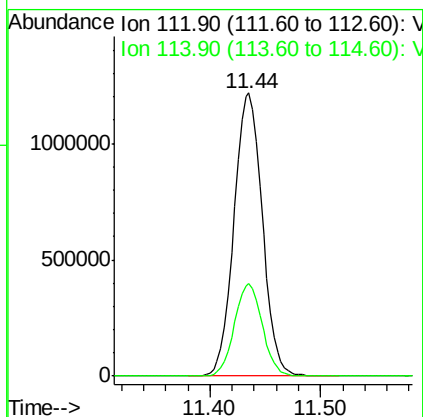
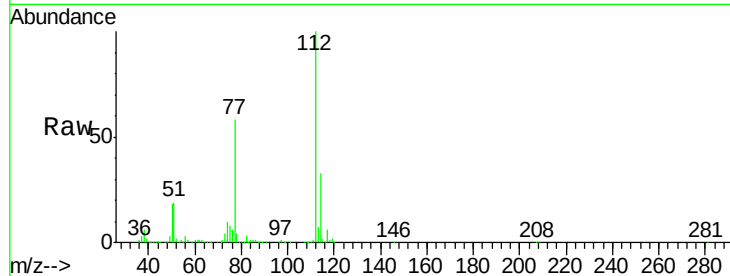




#65
Chlorobenzene
Concen: 48.177 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

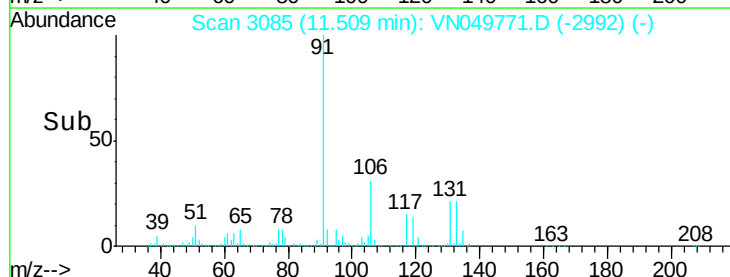
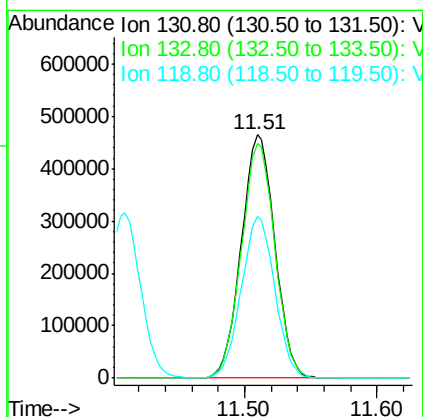
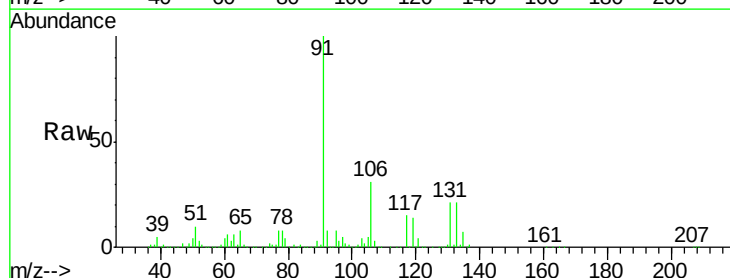
Instrument :
MSVOA_N
ClientSampled :

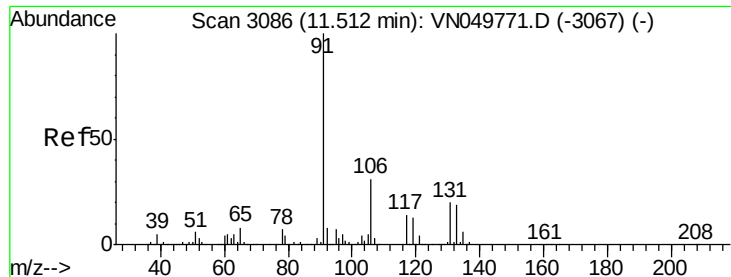
Tot Ion:112 Resp: 2162404
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 48.276 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Tgt Ion:131 Resp: 815253
Ion Ratio Lower Upper
131 100
133 96.6 47.5 142.6
119 66.3 33.1 99.3





#67

Ethyl Benzene

Concen: 50.932 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

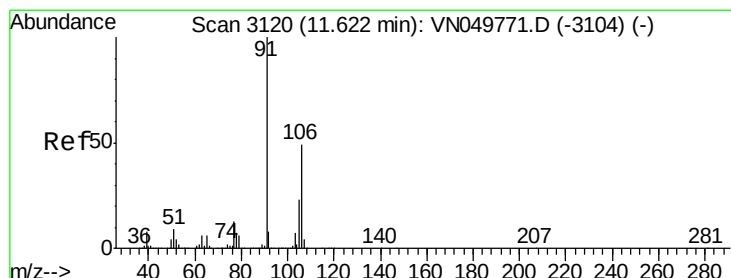
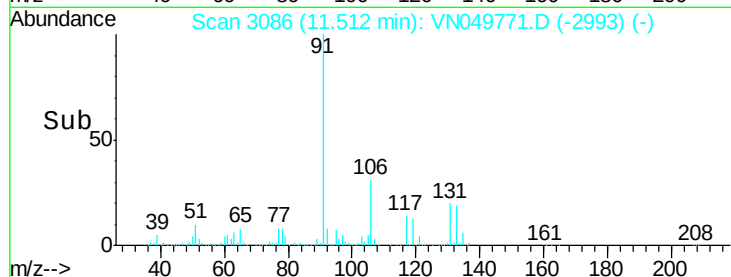
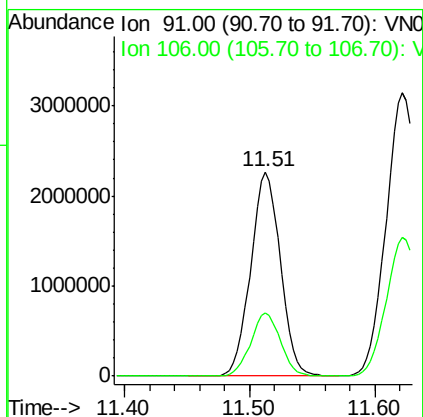
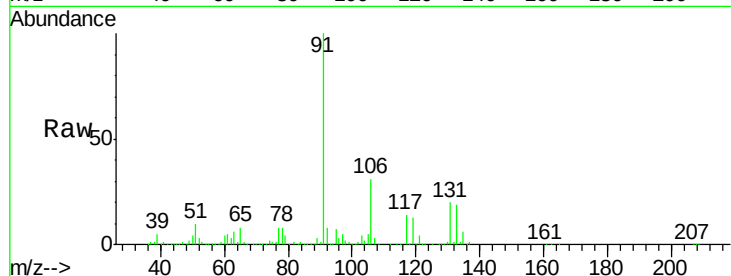
ClientSampled :

Tot Ion: 91 Resp: 3743558

Ion Ratio Lower Upper

91 100

106 31.1 24.8 37.2



#68

m/p-Xylenes

Concen: 104.877 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049771.D

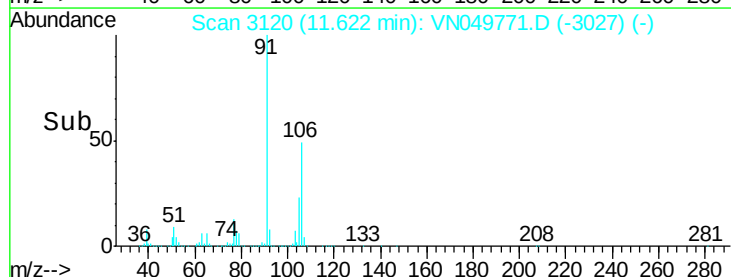
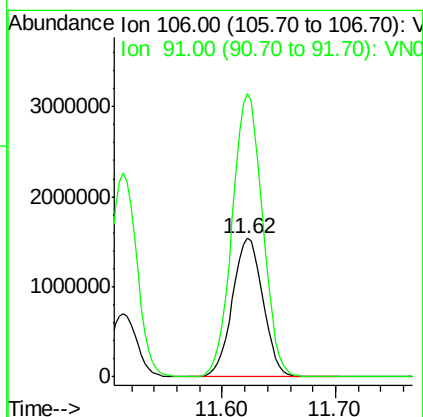
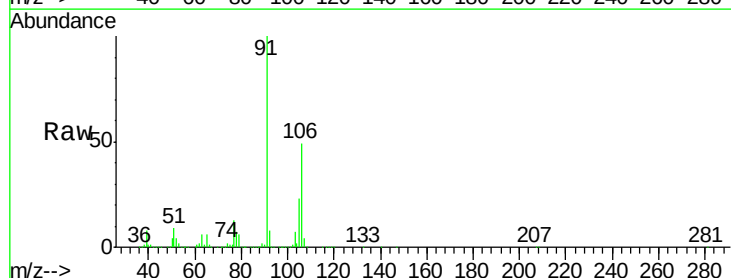
Acq: 12 Jul 2018 12:06

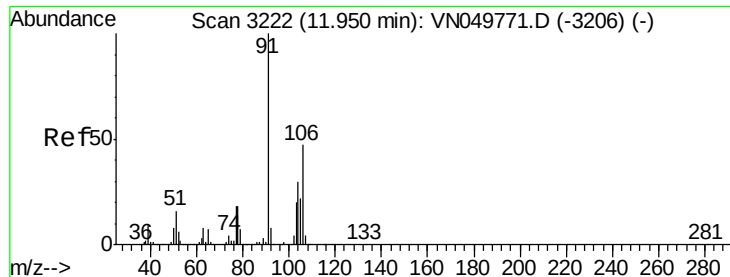
Tgt Ion: 106 Resp: 2893274

Ion Ratio Lower Upper

106 100

91 203.0 163.4 245.2

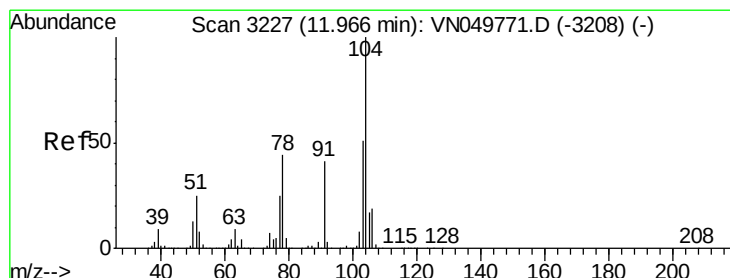
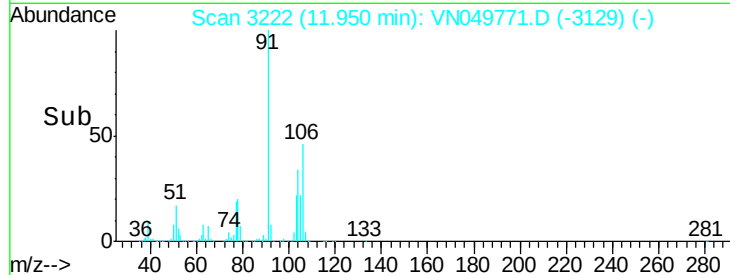
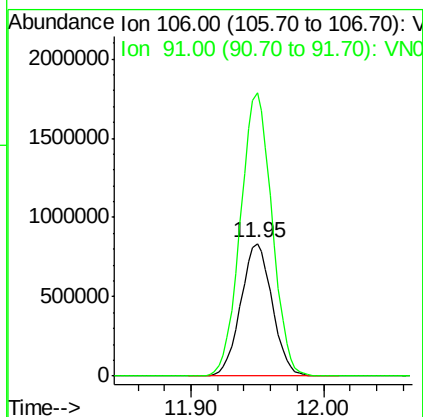
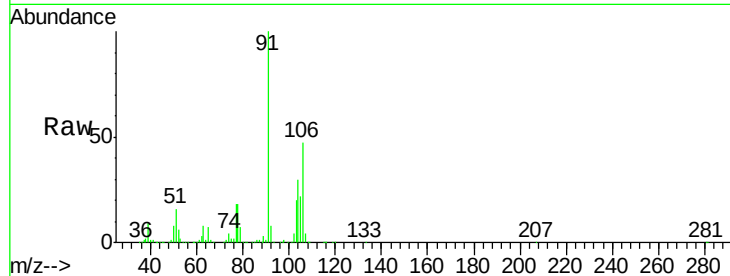




#69
o-Xylene
Concen: 51.670 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

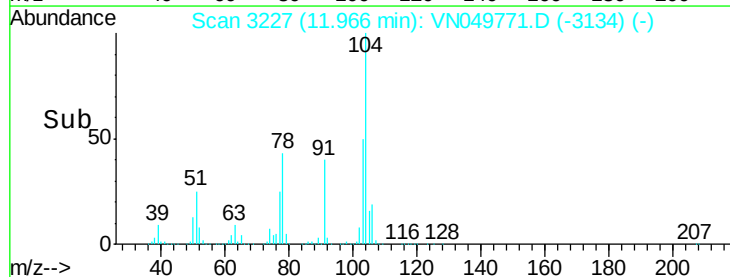
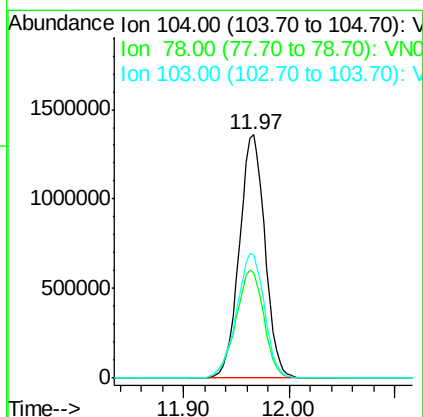
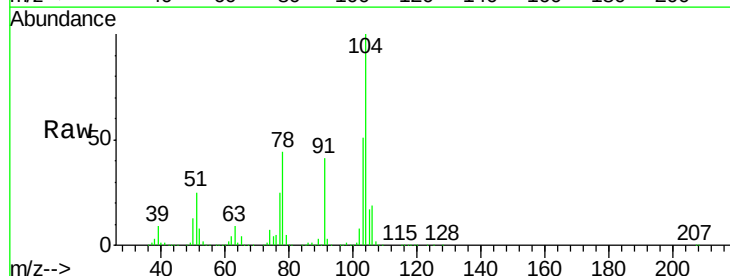
Instrument :
MSVOA_N
ClientSampled :

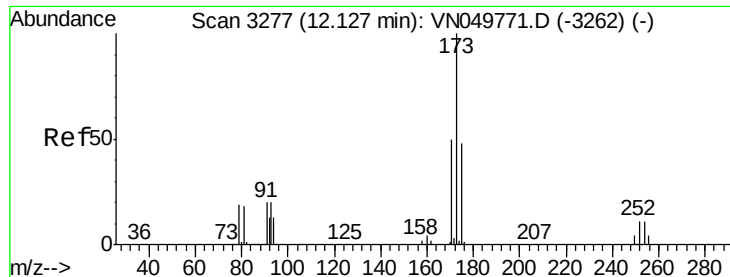
Tot Ion:106 Resp: 1377036
Ion Ratio Lower Upper
106 100
91 214.2 108.7 326.1



#70
Styrene
Concen: 53.940 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Tgt Ion:104 Resp: 2283453
Ion Ratio Lower Upper
104 100
78 48.8 39.2 58.8
103 55.9 44.6 67.0





#71

Bromoform

Concen: 49.787 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

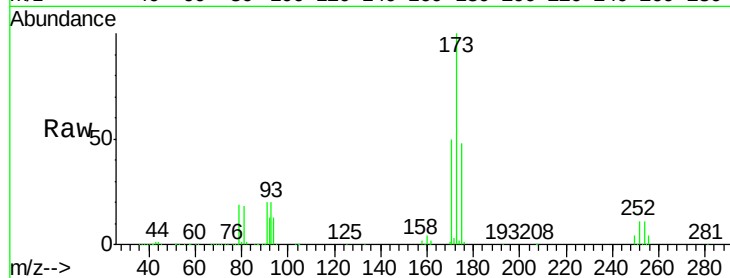
Tot Ion:173 Resp: 568079

Ion Ratio Lower Upper

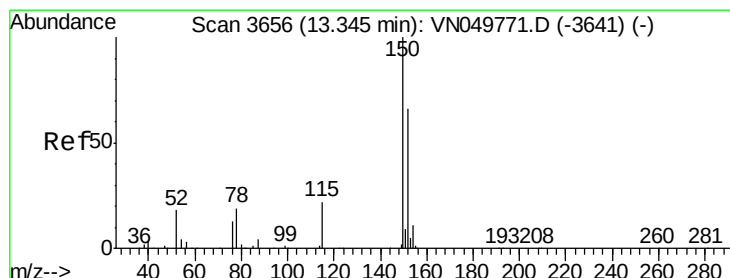
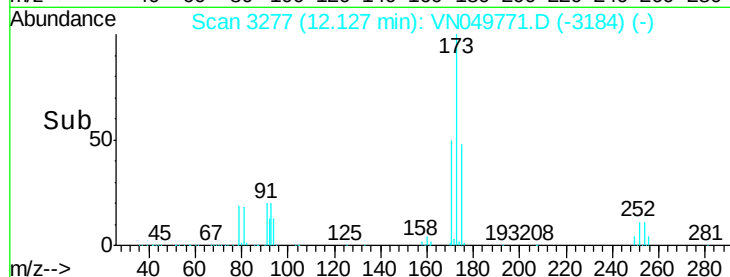
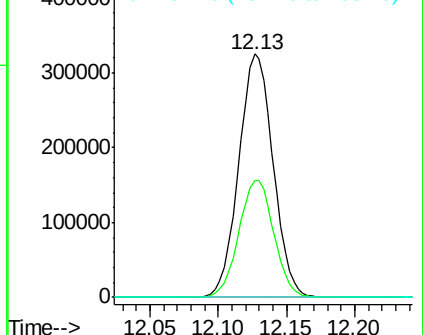
173 100

175 48.9 24.6 73.8

254 0.2 0.2 0.2



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: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

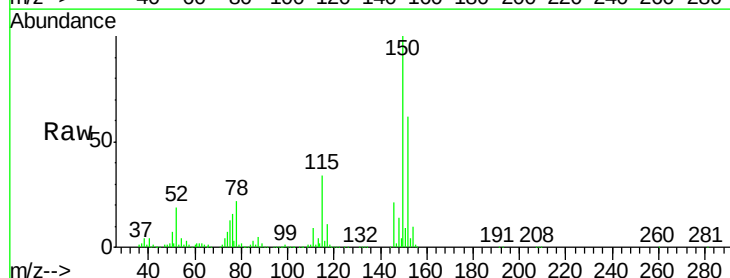
Tgt Ion:152 Resp: 920283

Ion Ratio Lower Upper

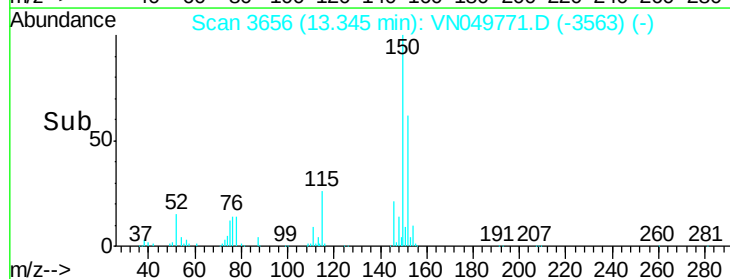
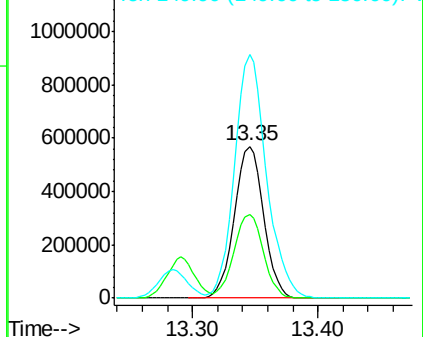
152 100

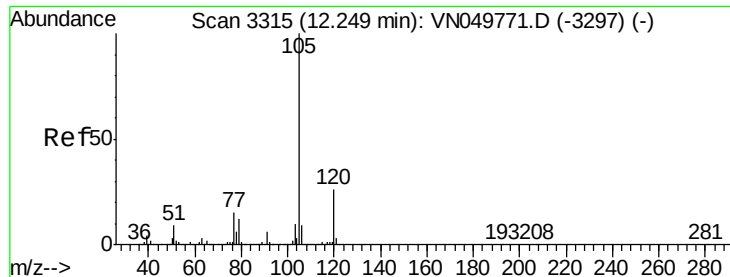
115 55.7 28.1 84.2

150 175.0 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: 49.011 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

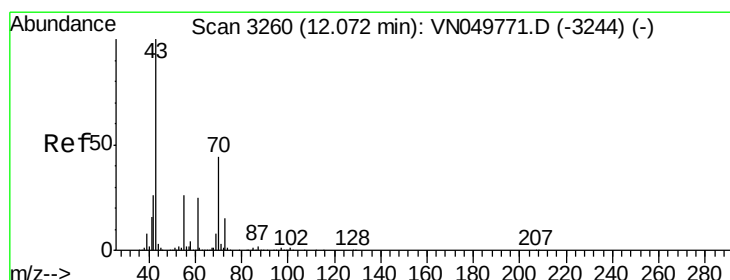
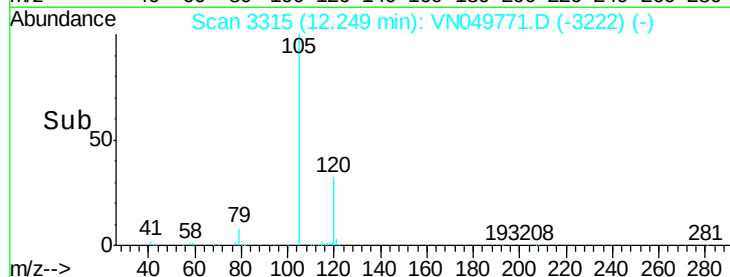
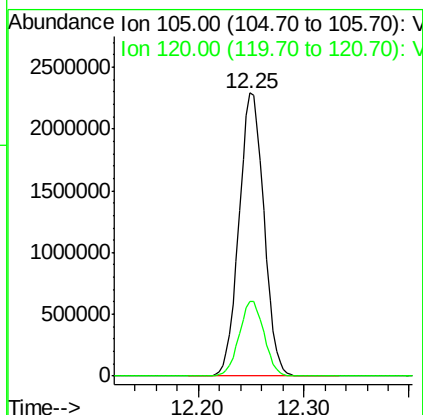
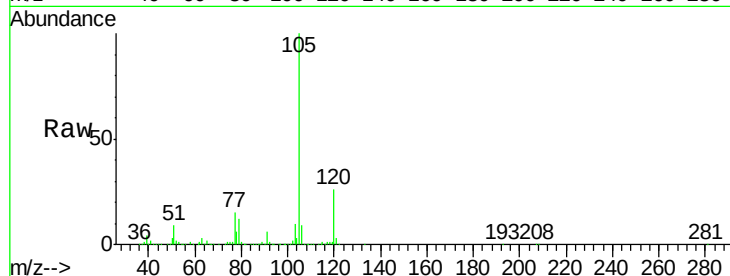
ClientSampleId :

Tot Ion:105 Resp: 3748449

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 50.125 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Tgt Ion: 43 Resp: 997307

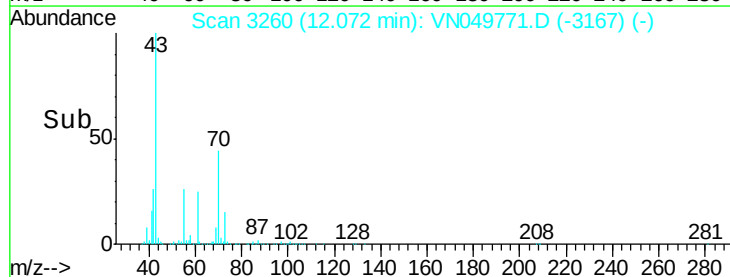
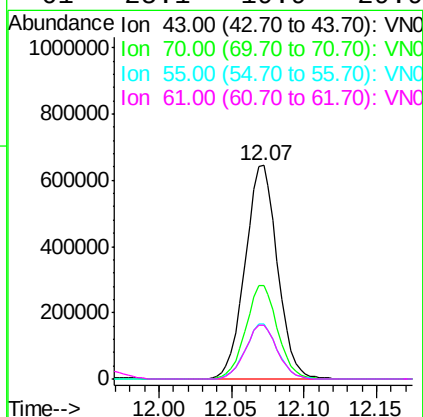
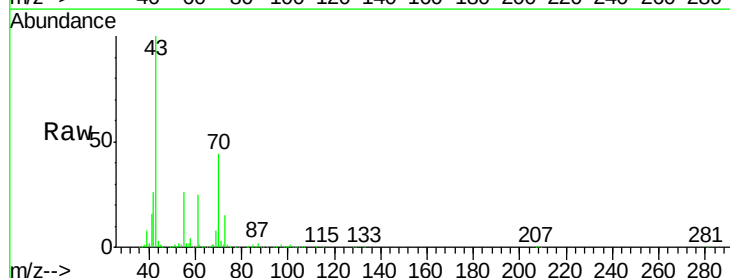
Ion Ratio Lower Upper

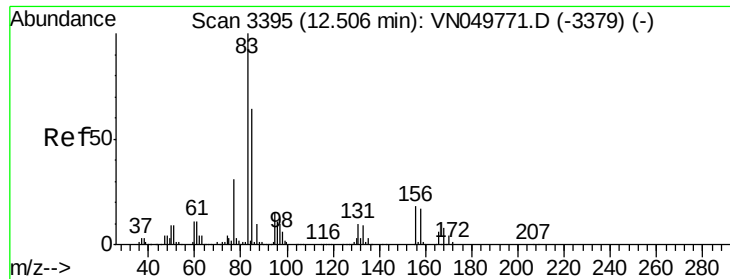
43 100

70 43.4 34.8 52.2

55 25.6 20.9 31.3

61 25.1 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.592 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

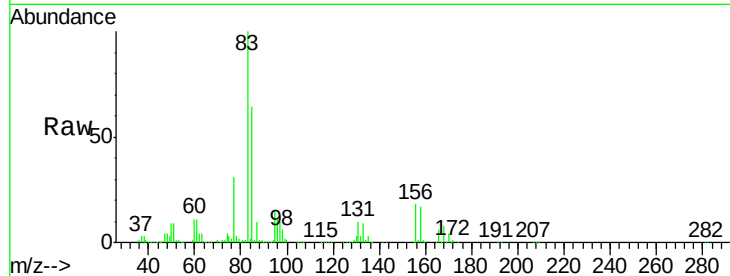
Tot Ion: 83 Resp: 891252

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

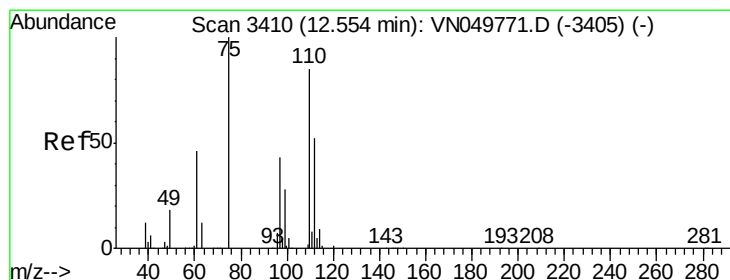
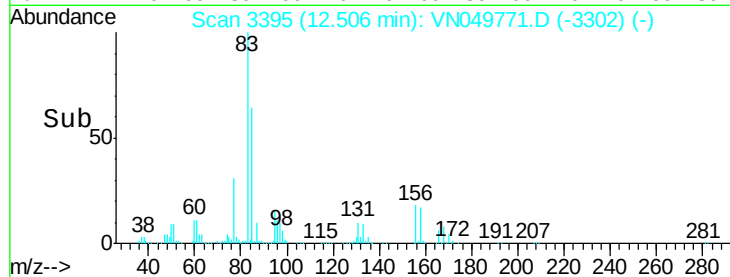
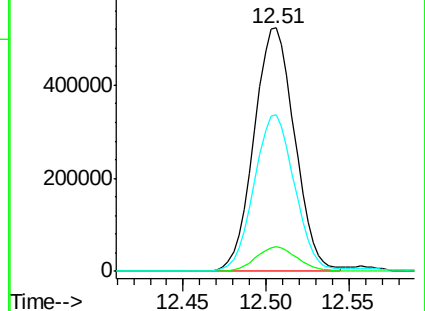
85 63.9 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN049771.D (-3379) (-)

Ion 130.80 (130.50 to 131.50): VN049771.D (-3379) (-)

Ion 84.90 (84.60 to 85.60): VN049771.D (-3379) (-)



#76

1,2,3-Trichloropropane

Concen: 65.931 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN049771.D

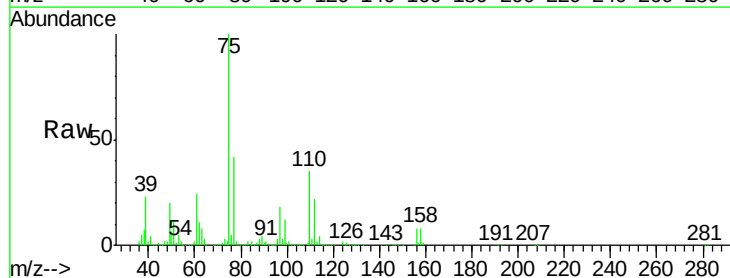
Acq: 12 Jul 2018 12:06

Tgt Ion: 75 Resp: 1077893

Ion Ratio Lower Upper

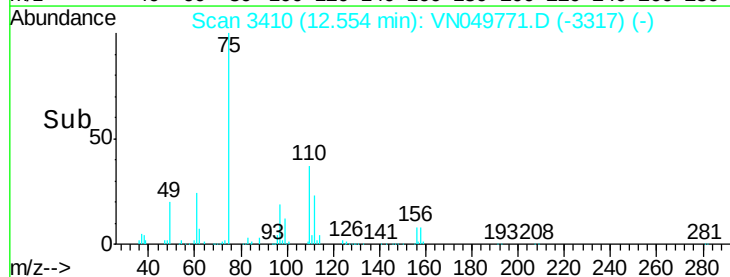
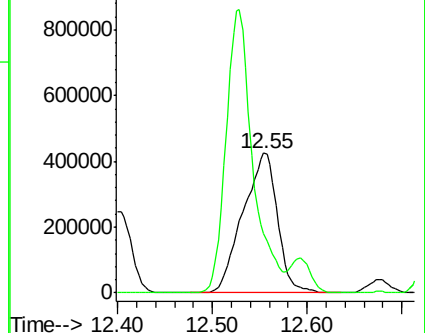
75 100

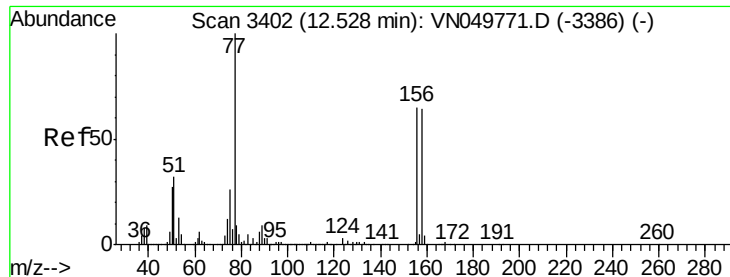
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049771.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN049771.D (-3405) (-)





#77

Bromobenzene

Concen: 46.603 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

ClientSampled :

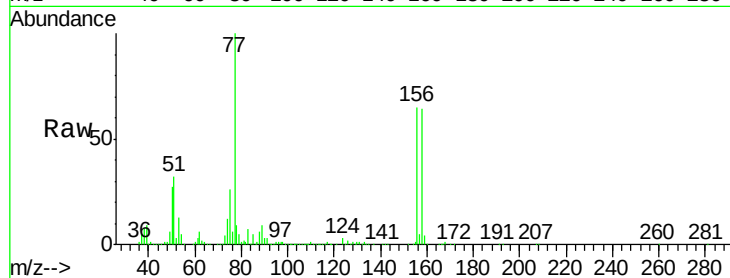
Tot Ion:156 Resp: 945552

Ion Ratio Lower Upper

156 100

77 180.0 90.2 270.6

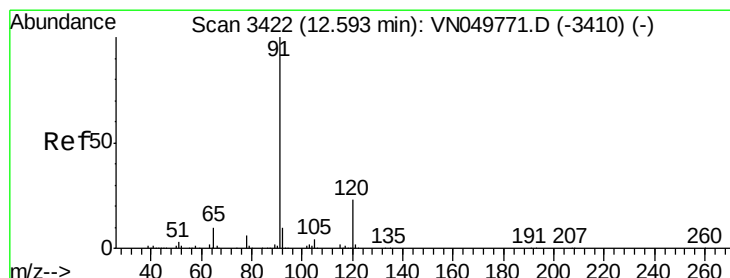
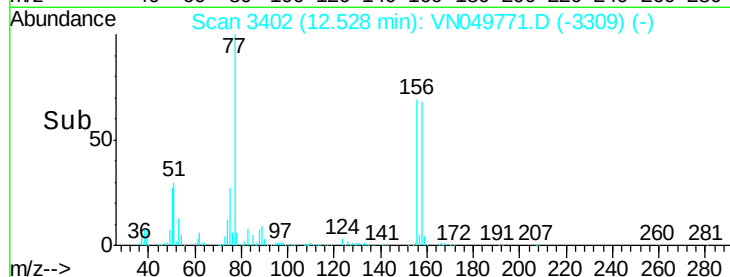
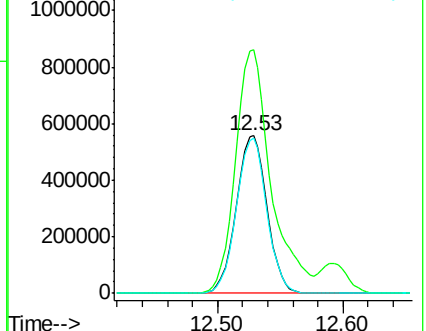
158 97.5 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.416 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049771.D

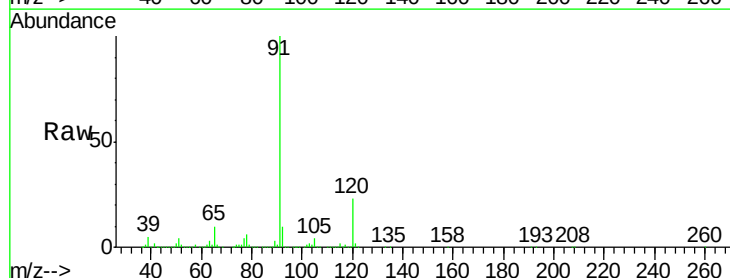
Acq: 12 Jul 2018 12:06

Tgt Ion: 91 Resp: 4347452

Ion Ratio Lower Upper

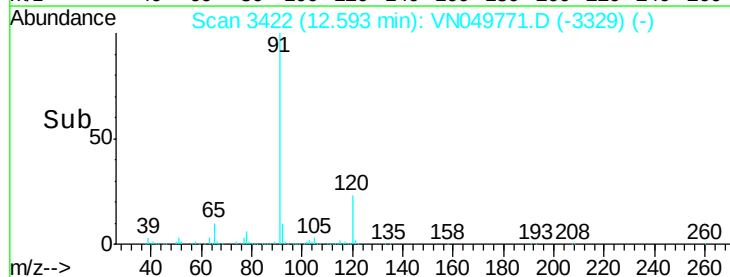
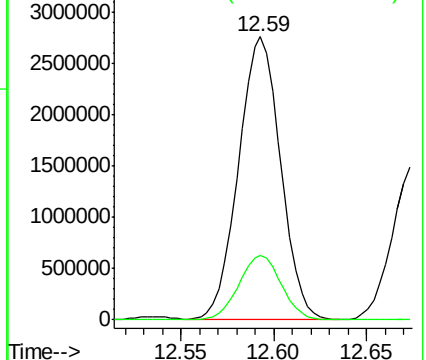
91 100

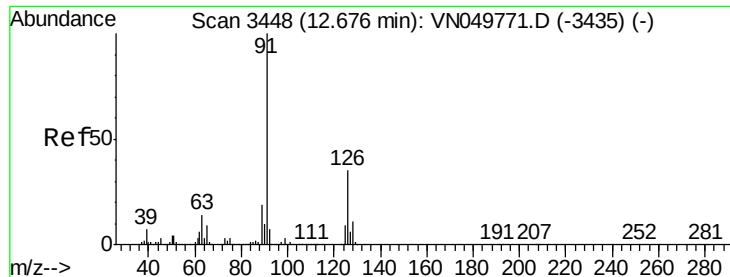
120 23.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

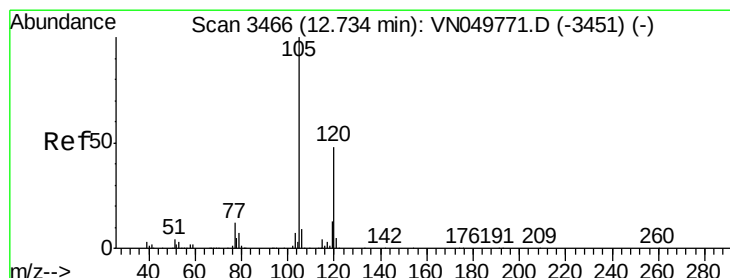
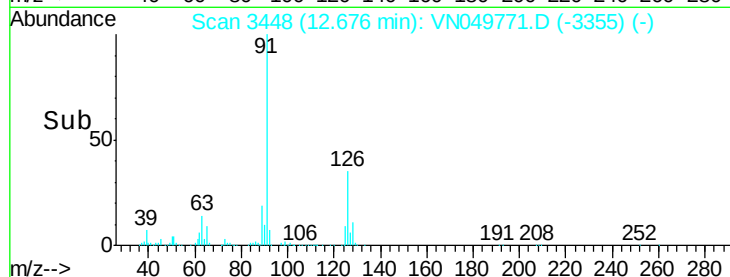
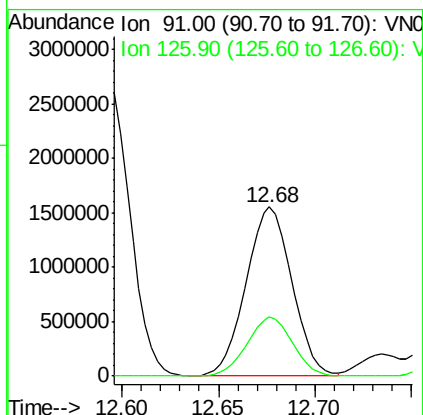
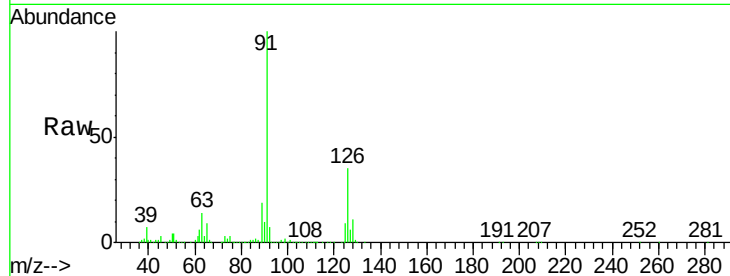




#79
 2-Chlorotoluene
 Concen: 48.376 ug/l
 RT: 12.68 min Scan# 3448
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

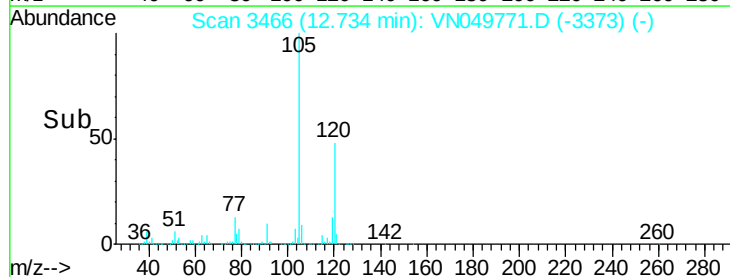
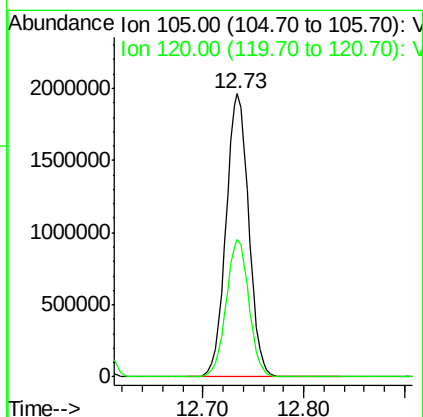
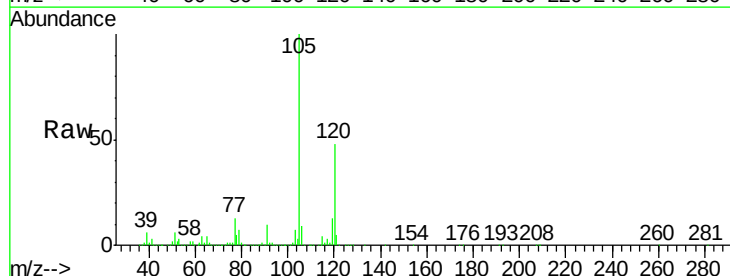
Instrument :
 MSVOA_N
 ClientSampled :

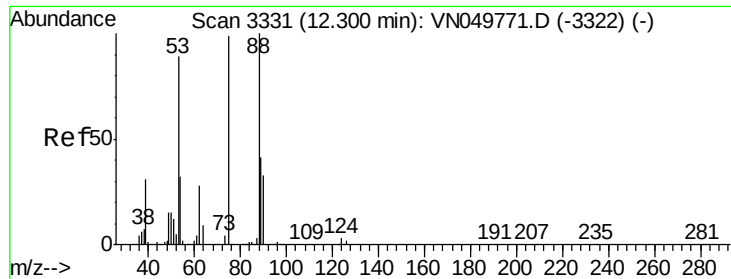
Tot Ion: 91 Resp: 2552963
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 50.737 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

Tgt Ion: 105 Resp: 3083801
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.334 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

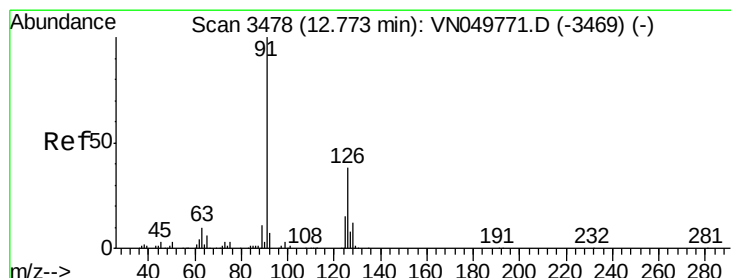
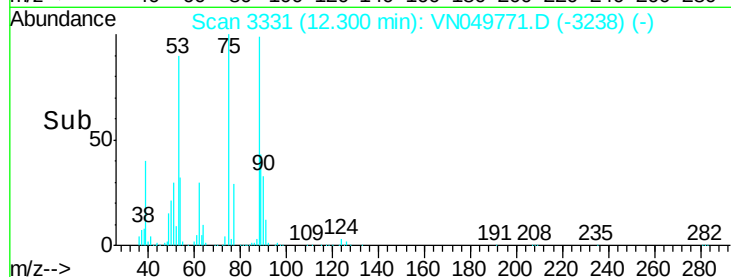
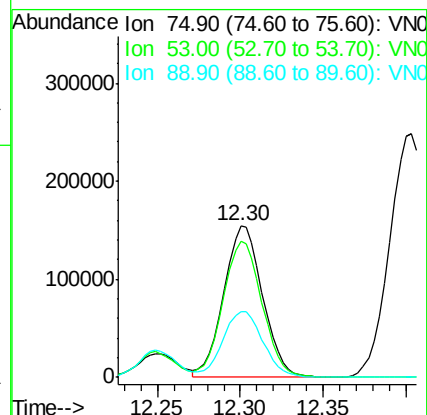
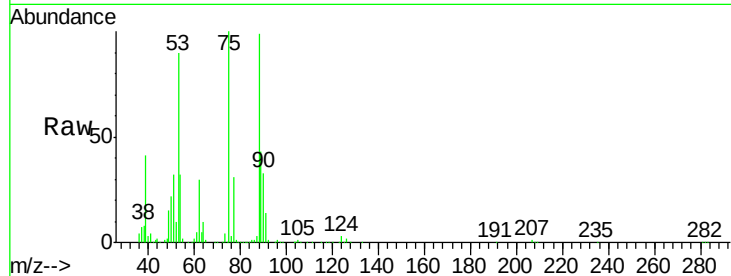
Tot Ion: 75 Resp: 249757

Ion Ratio Lower Upper

75 100

53 90.9 73.9 110.9

89 44.7 35.9 53.9



#82

4-Chlorotoluene

Concen: 49.678 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN049771.D

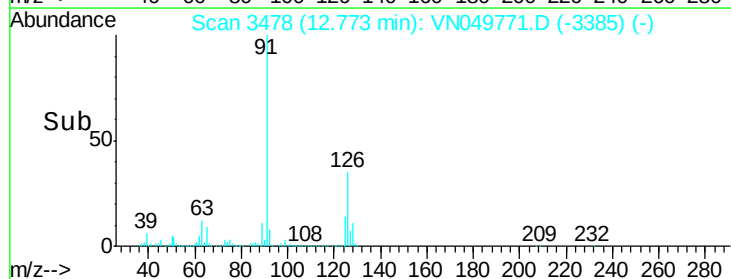
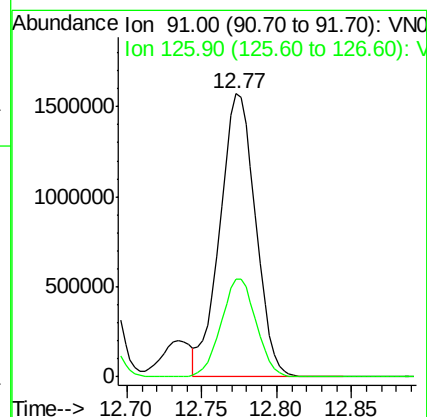
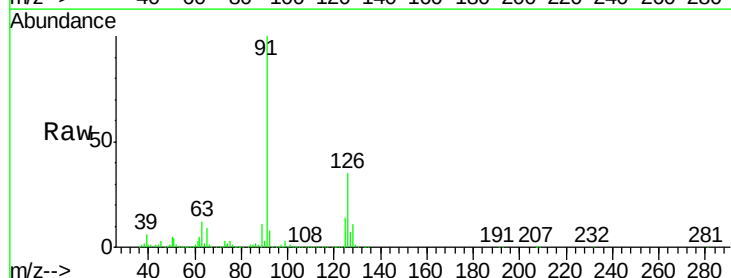
Acq: 12 Jul 2018 12:06

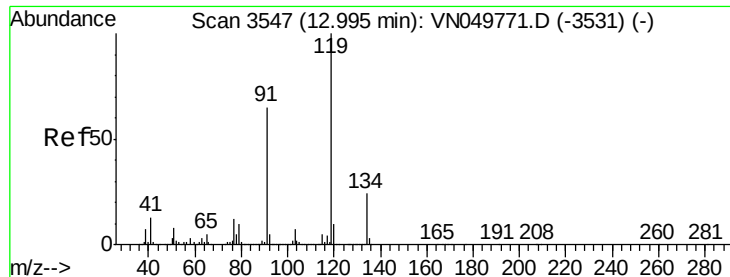
Tgt Ion: 91 Resp: 2600244

Ion Ratio Lower Upper

91 100

126 34.2 17.2 51.6

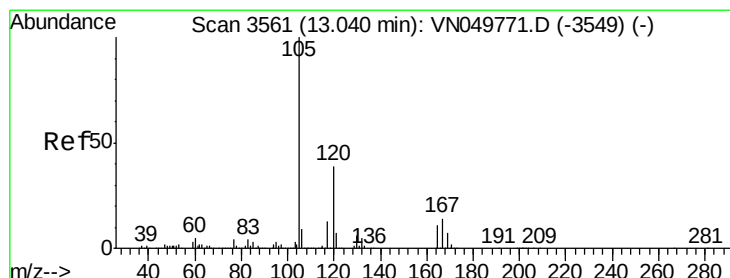
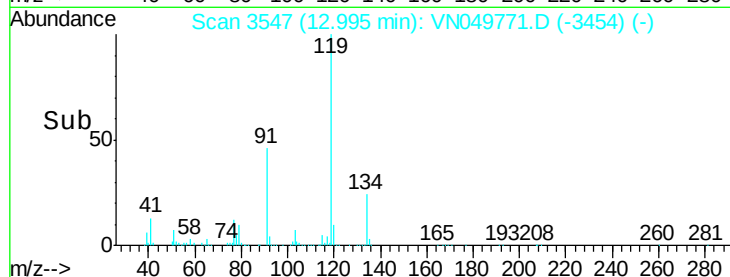
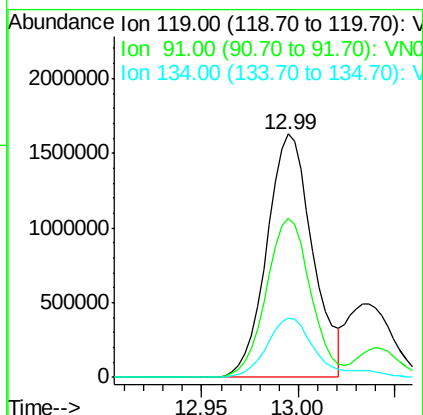
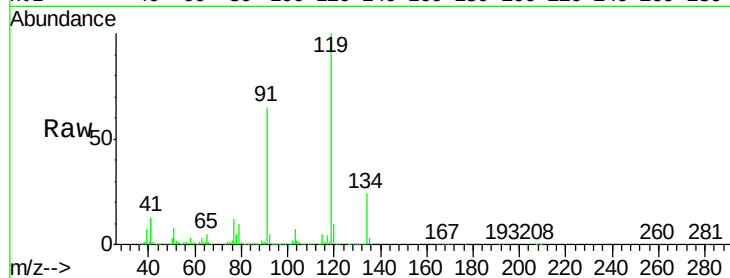




#83
 tert-Butylbenzene
 Concen: 49.298 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

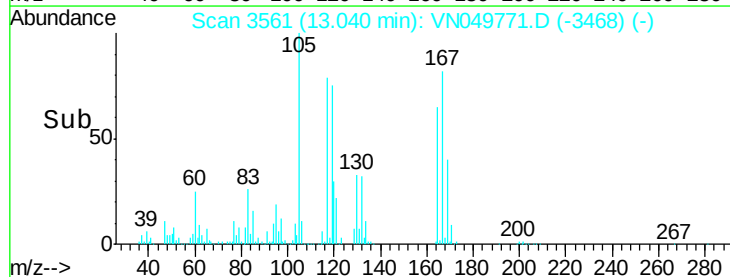
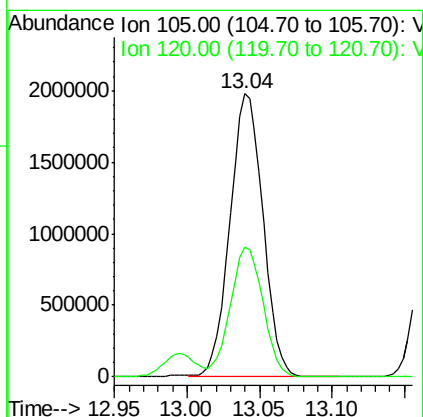
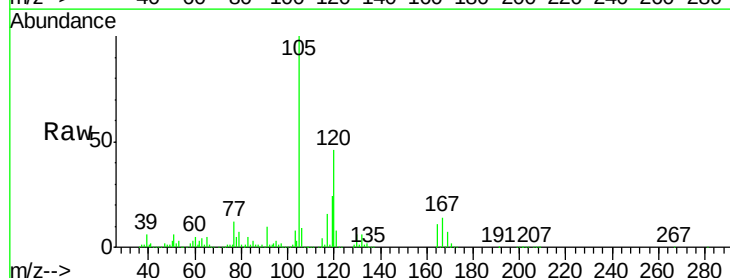
Instrument :
 MSVOA_N
 ClientSampled :

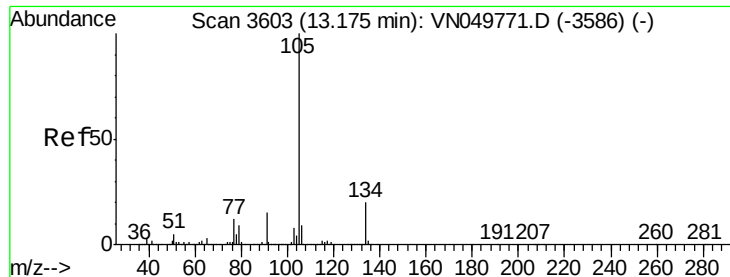
Tot Ion:119 Resp: 2680902
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.0 96.2
 134 26.5 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.131 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

Tgt Ion:105 Resp: 3116629
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 50.773 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

Instrument :

MSVOA_N

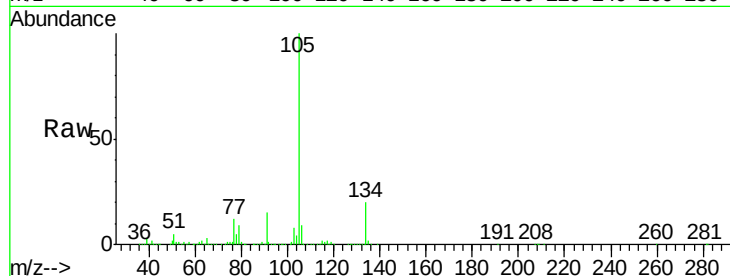
ClientSampled :

Tot Ion:105 Resp: 3618621

Ion Ratio Lower Upper

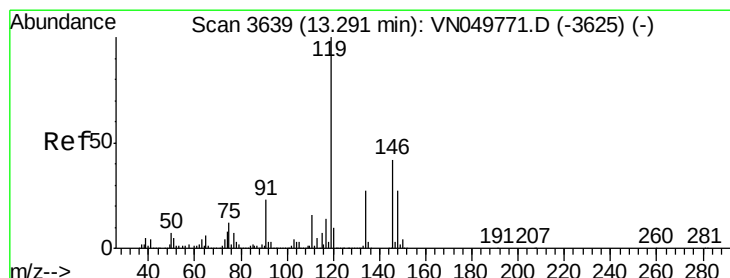
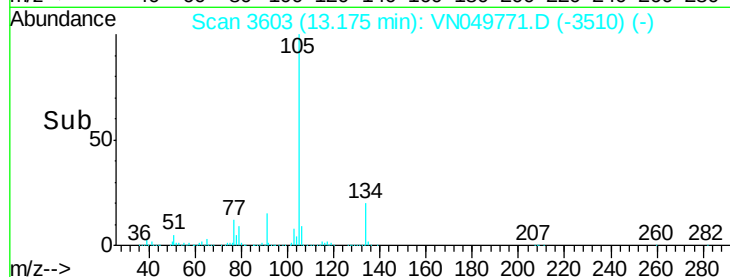
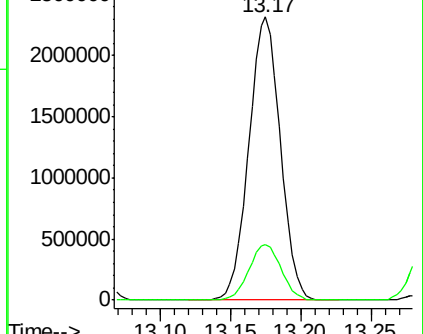
105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.395 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049771.D

Acq: 12 Jul 2018 12:06

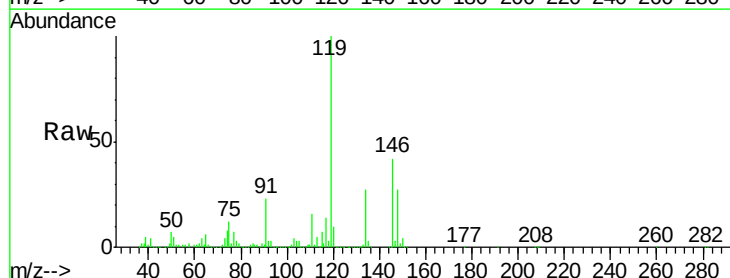
Tgt Ion:119 Resp: 3159923

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

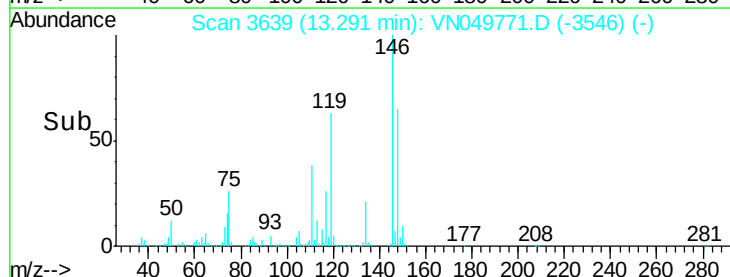
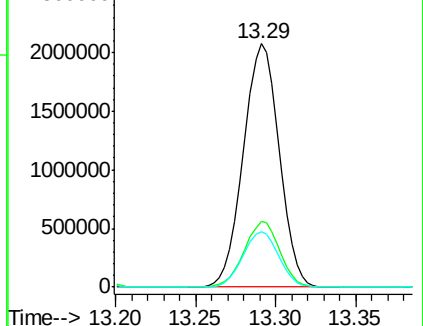
91 22.6 11.4 34.1

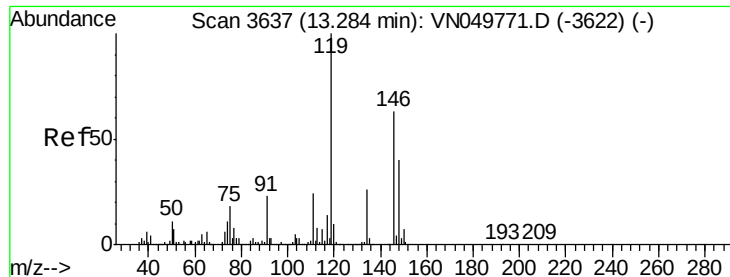


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

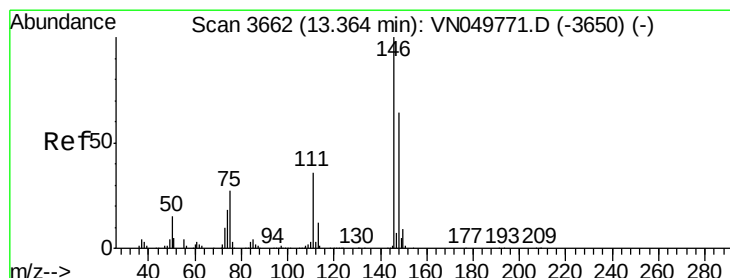
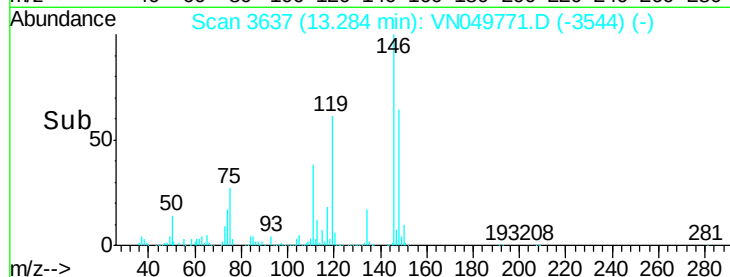
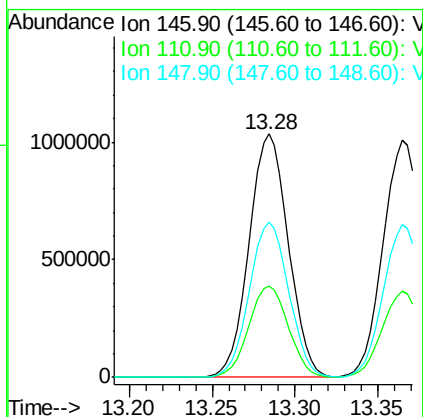
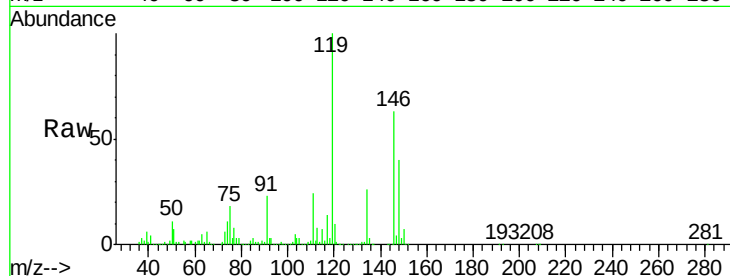




#87
 1,3-Dichlorobenzene
 Concen: 48.311 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

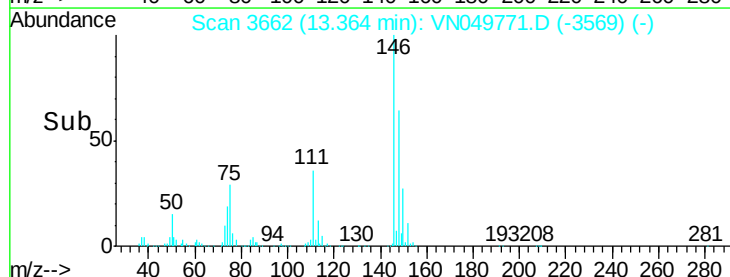
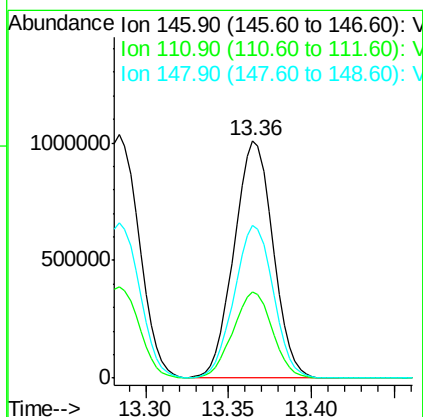
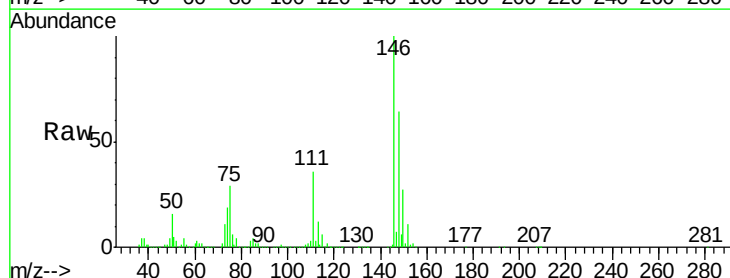
Instrument :
 MSVOA_N
 ClientSampleId :

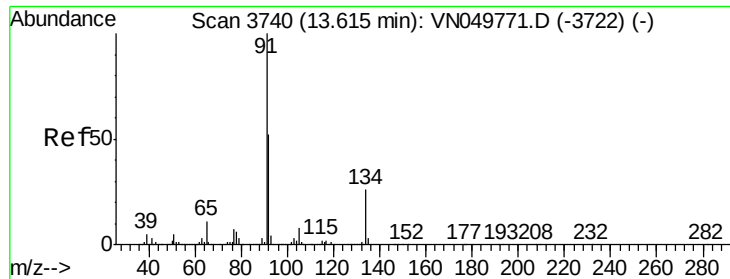
Tot Ion:146 Resp: 1699488
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.0 57.0
 148 64.2 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 48.320 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

Tgt Ion:146 Resp: 1652485
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.9 56.5
 148 64.6 32.1 96.3

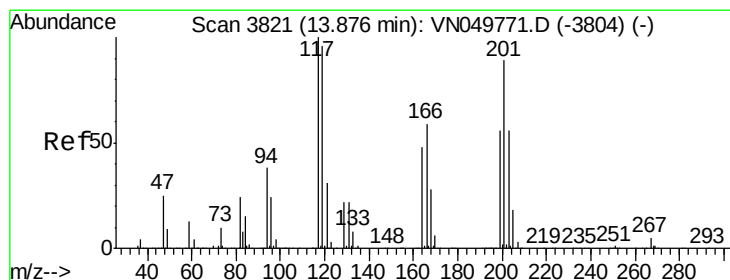
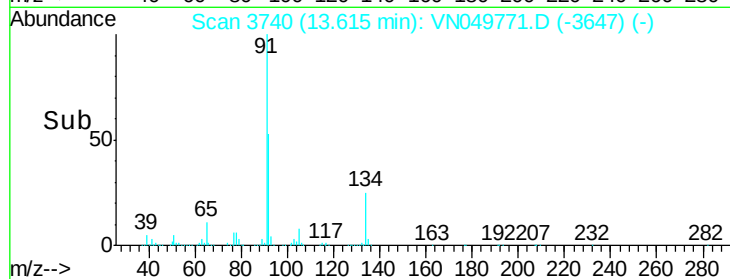
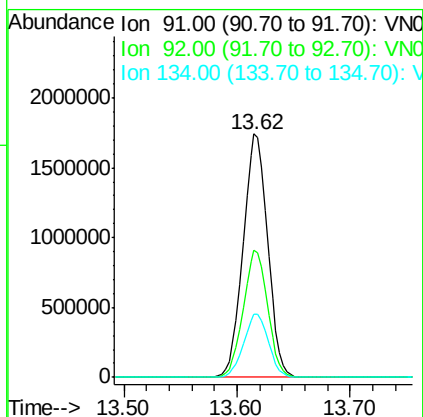
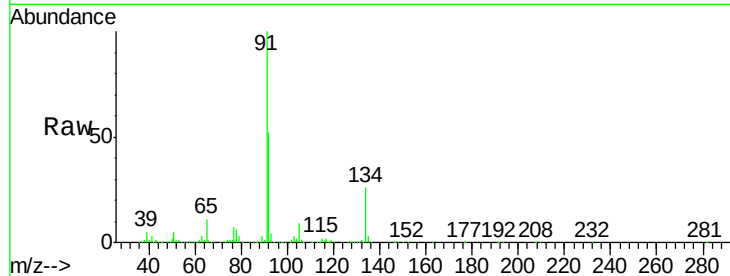




#89
n-Butylbenzene
Concen: 52.840 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

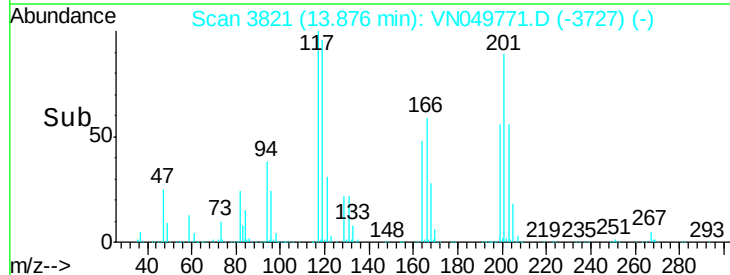
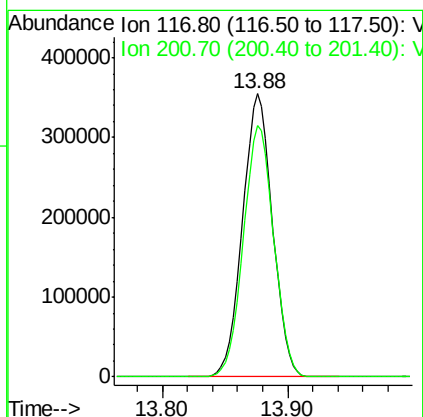
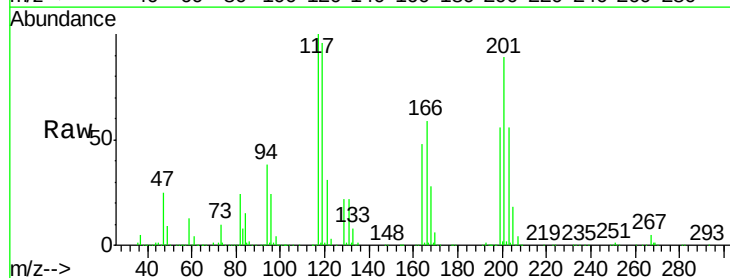
Instrument :
MSVOA_N
ClientSampleId :

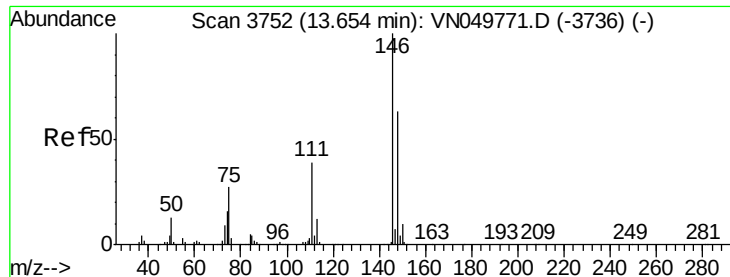
Tot Ion: 91 Resp: 2630757
Ion Ratio Lower Upper
91 100
92 51.7 25.8 77.3
134 26.2 13.0 38.9



#90
Hexachloroethane
Concen: 50.401 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Tgt Ion: 117 Resp: 588112
Ion Ratio Lower Upper
117 100
201 90.1 45.3 135.8

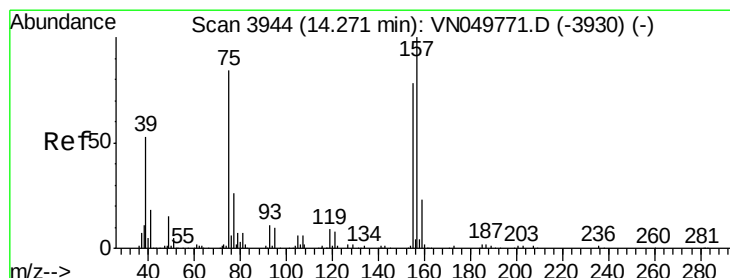
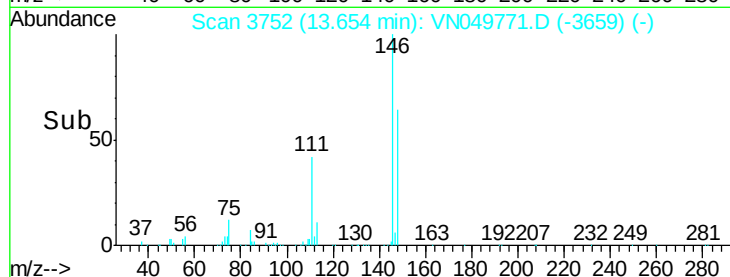
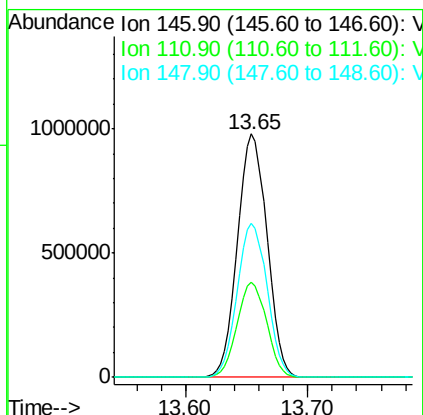
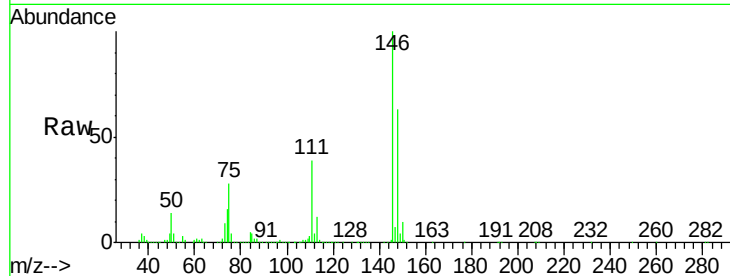




#91
 1,2-Dichlorobenzene
 Concen: 47.787 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

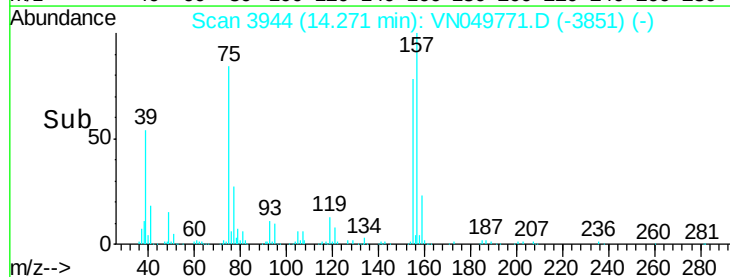
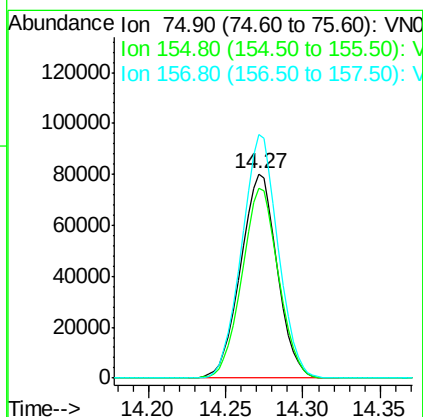
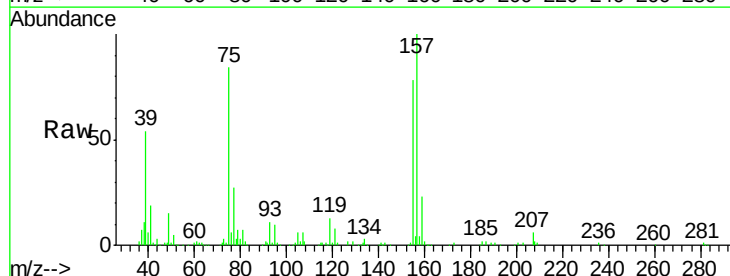
Instrument :
 MSVOA_N
 ClientSampled :

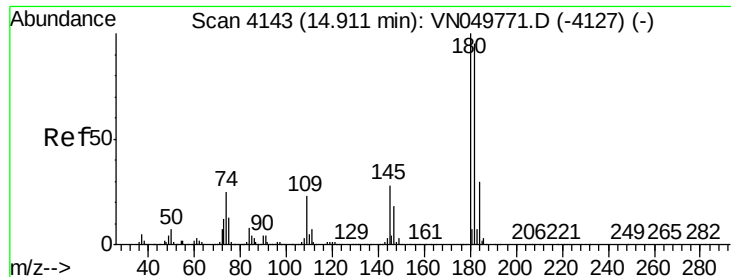
Tot Ion:146 Resp: 1640634
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.7 59.1
 148 64.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.837 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

Tgt Ion: 75 Resp: 132046
 Ion Ratio Lower Upper
 75 100
 155 92.5 45.7 137.1
 157 118.8 56.9 170.7

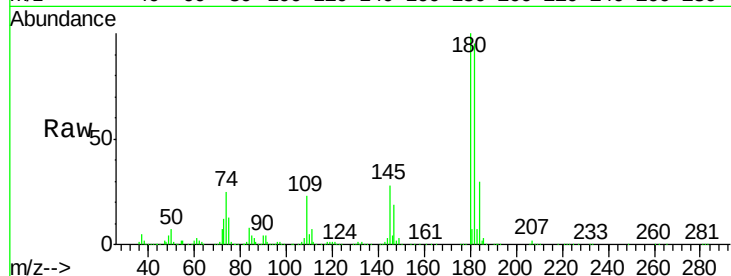




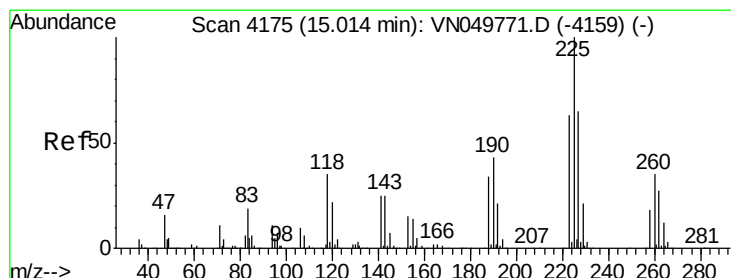
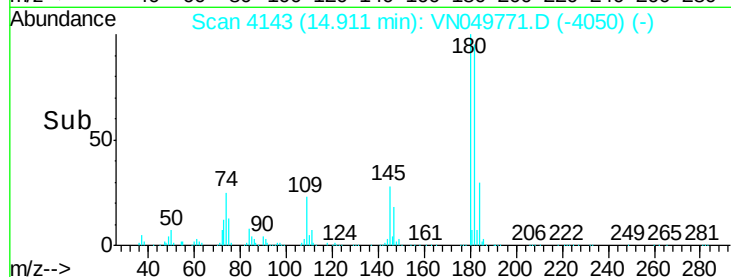
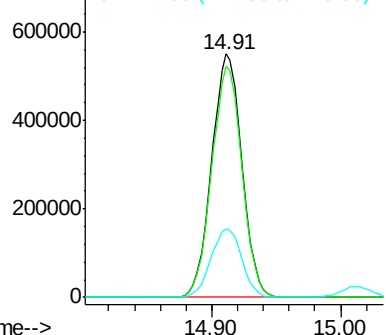
#93
 1,2,4-Trichlorobenzene
 Concen: 47.373 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.9
145	29.0	14.4	43.0

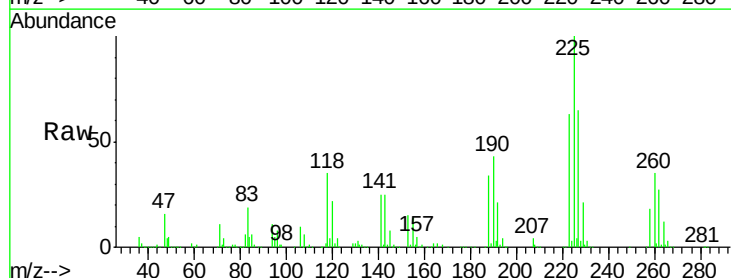


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

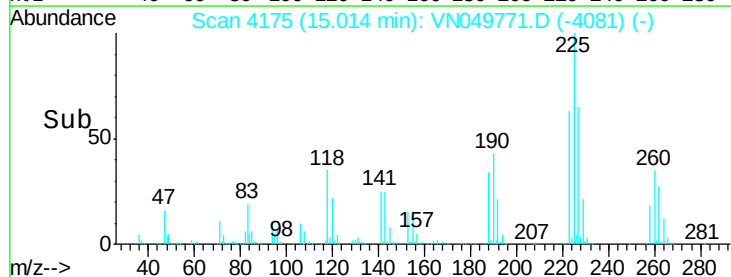
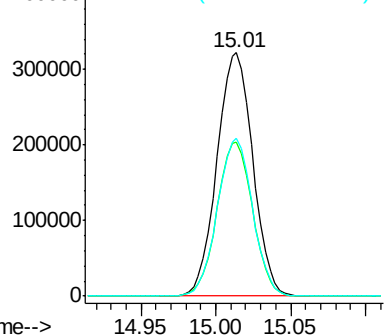


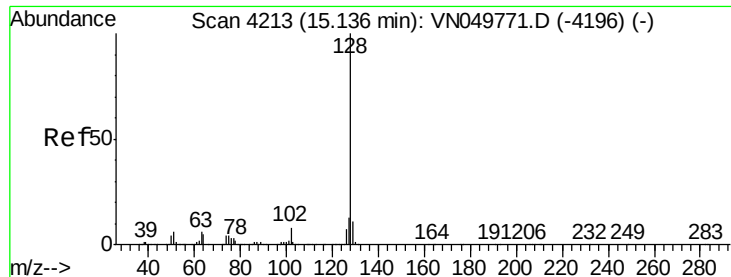
#94
 Hexachlorobutadiene
 Concen: 51.095 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049771.D
 Acq: 12 Jul 2018 12:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.9	92.7
227	63.7	31.8	95.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

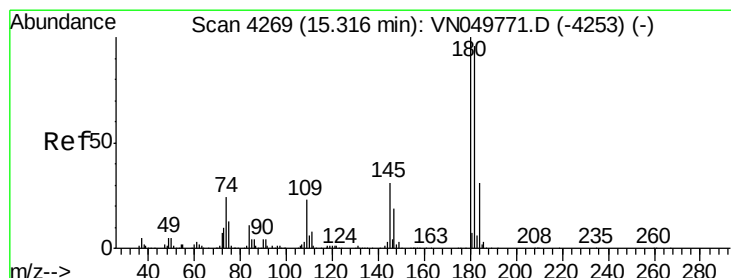
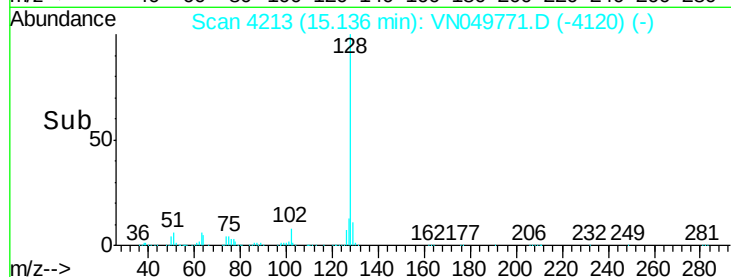
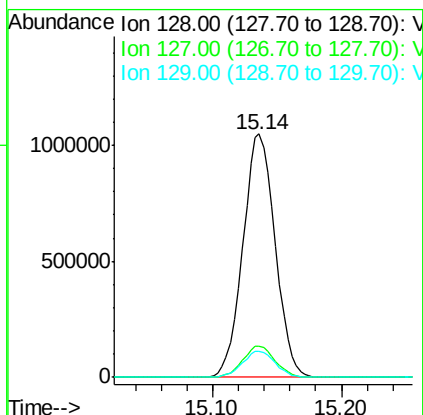
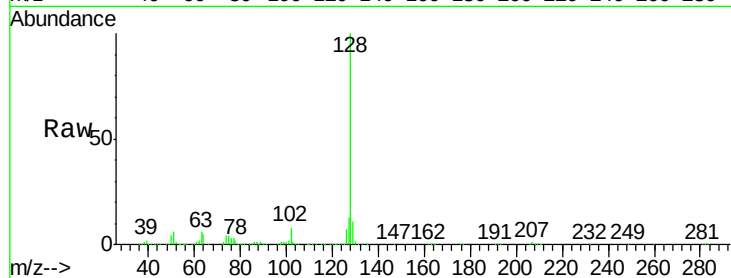




#95
Naphthalene
Concen: 45.252 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 1824549
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.638 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN049771.D
Acq: 12 Jul 2018 12:06

Tgt Ion:180 Resp: 876409
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.2
145 30.3 15.2 45.6

