

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049782.D
 Acq On : 12 Jul 2018 21:02
 Operator : MD\SY
 Sample : J3762-08 L00 2ppb
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 13 03:44:58 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	1074369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1668852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1455987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	613048	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	667529	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
35) Dibromofluoromethane	7.60	113	633522	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	10.09	98	1932494	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
62) 4-Bromofluorobenzene	12.40	95	611685	39.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.54%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	24451	1.356	ug/l 99
3) Chloromethane	2.06	50	32705	1.574	ug/l 97
4) Vinyl Chloride	2.18	62	36402	2.054	ug/l 97
5) Bromomethane	2.57	94	26277	1.934	ug/l 99
6) Chloroethane	2.71	64	23499	2.459	ug/l 98
7) Trichlorofluoromethane	3.02	101	47376	2.326	ug/l 97
8) Diethyl Ether	3.41	74	16833	2.306	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	29839	2.257	ug/l # 87
10) Methyl Iodide	3.95	142	31544	1.877	ug/l 98
11) Tert butyl alcohol	4.80	59	9365	11.196	ug/l # 88
12) 1,1-Dichloroethene	3.74	96	26104	2.247	ug/l 97
13) Acrolein	3.62	56	12225	16.639	ug/l 92
14) Allyl chloride	4.33	41	42722	2.253	ug/l 99
15) Acrylonitrile	5.00	53	42583	10.165	ug/l 98
16) Acetone	3.83	43	34792	9.311	ug/l 91
17) Carbon Disulfide	4.05	76	76465	2.155	ug/l 99
18) Methyl Acetate	4.33	43	35303	2.684	ug/l 94
19) Methyl tert-butyl Ether	5.06	73	66595	2.066	ug/l 99
20) Methylene Chloride	4.55	84	35168	1.860	ug/l 95
21) trans-1,2-Dichloroethene	5.05	96	26730	2.105	ug/l 96
22) Diisopropyl ether	5.97	45	75829	1.947	ug/l 96
23) Vinyl Acetate	5.91	43	251866	9.650	ug/l 99
24) 1,1-Dichloroethane	5.85	63	55529	2.270	ug/l 98
25) 2-Butanone	6.85	43	48027	9.861	ug/l 97
26) 2,2-Dichloropropane	6.83	77	41857	2.061	ug/l 99
27) cis-1,2-Dichloroethene	6.84	96	31052	2.138	ug/l 98
29) Tetrahydrofuran	7.22	42	29304	9.582	ug/l 97
30) Chloroform	7.38	83	57748	2.291	ug/l 98
31) Cyclohexane	7.66	56	56838	2.677	ug/l # 63
32) 1,1,1-Trichloroethane	7.57	97	48167	2.250	ug/l 96
36) 1,1-Dichloropropene	7.80	75	36696	1.908	ug/l 96
37) Ethyl Acetate	6.94	43	16477	1.447	ug/l # 80
38) Carbon Tetrachloride	7.78	117	42641	2.121	ug/l 98
39) Methylcyclohexane	9.08	83	36815	1.816	ug/l 95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.05	78	120178	2.089	ug/l	100
41) Methacrylonitrile	7.18	41	13643	2.119	ug/l #	80
42) 1,2-Dichloroethane	8.12	62	41360	2.198	ug/l	99
43) Isopropyl Acetate	8.17	43	39155	1.914	ug/l	97
44) Trichloroethene	8.84	130	32718	2.112	ug/l	97
45) 1,2-Dichloropropane	9.12	63	33444	2.163	ug/l	99
46) Dibromomethane	9.21	93	20375	2.219	ug/l	96
47) Bromodichloromethane	9.41	83	40525	2.004	ug/l	97
48) Methyl methacrylate	9.20	41	17488	1.709	ug/l #	92
49) 1,4-Dioxane	9.20	88	4699	35.056	ug/l #	73
51) 4-Methyl-2-Pentanone	9.99	43	102756	9.249	ug/l	96
52) Toluene	10.16	92	71614	2.080	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	34711	1.785	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	42109	1.901	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	32012	1.803	ug/l	96
56) Ethyl methacrylate	10.43	69	26223	1.687	ug/l	99
57) 1,3-Dichloropropane	10.71	76	44025	2.007	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	56163	7.535	ug/l	98
59) 2-Hexanone	10.76	43	63262	8.566	ug/l	94
60) Dibromochloromethane	10.90	129	28720	1.904	ug/l	99
61) 1,2-Dibromoethane	11.01	107	24759	1.976	ug/l	93
64) Tetrachloroethene	10.63	164	30981	2.344	ug/l	87
65) Chlorobenzene	11.44	112	77101	2.033	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	31264	2.191	ug/l	97
67) Ethyl Benzene	11.51	91	115238	1.855	ug/l	96
68) m/p-Xylenes	11.62	106	83677	3.589	ug/l	100
69) o-Xylene	11.95	106	40167	1.783	ug/l	97
70) Stvrene	11.97	104	59162	1.654	ug/l	98
71) Bromoform	12.13	173	18914	1.962	ug/l #	99
73) Isopropylbenzene	12.25	105	104095	2.043	ug/l	99
74) N-amyl acetate	12.07	43	23352	1.762	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	31854	0.779	ug/l	97
76) 1,2,3-Trichloropropane	12.56	75	35271	3.239	ug/l #	100
77) Bromobenzene	12.53	156	31958	2.364	ug/l	95
78) n-propylbenzene	12.59	91	120044	2.090	ug/l	99
79) 2-Chlorotoluene	12.68	91	79915	2.273	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	79778	1.970	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	299457	88.796	ug/l #	13
82) 4-Chlorotoluene	12.78	91	70958	2.035	ug/l	99
83) tert-Butylbenzene	12.99	119	74286	2.051	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	75297	1.854	ug/l	100
85) sec-Butylbenzene	13.17	105	92755	1.954	ug/l	100
86) p-Isopropyltoluene	13.29	119	72641	1.808	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	47595	2.031	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	49656	2.180	ug/l	90
89) n-Butylbenzene	13.62	91	55529	1.674	ug/l	96
90) Hexachloroethane	13.88	117	18968	1.629	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	48973	2.141	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	5059	2.343	ug/l	78
93) 1,2,4-Trichlorobenzene	14.91	180	15244	4.033	ug/l	97

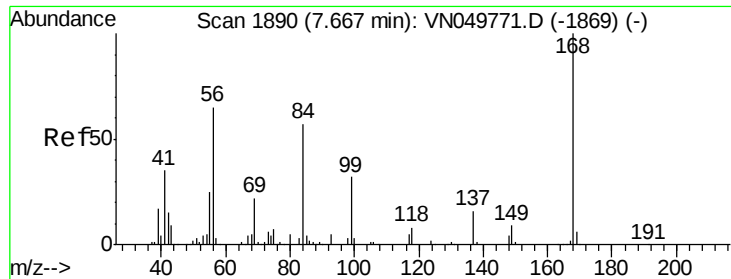
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	16808	1.359	ug/l	96
95) Naphthalene	15.14	128	30884	5.073	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	17785	1.604	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

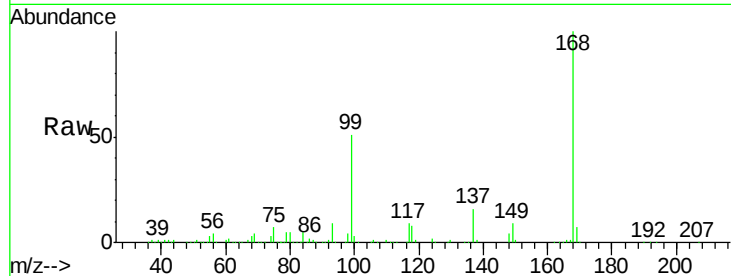
ClientSampled :

Tot Ion:168 Resp: 1074369

Ion Ratio Lower Upper

168 100

99 51.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

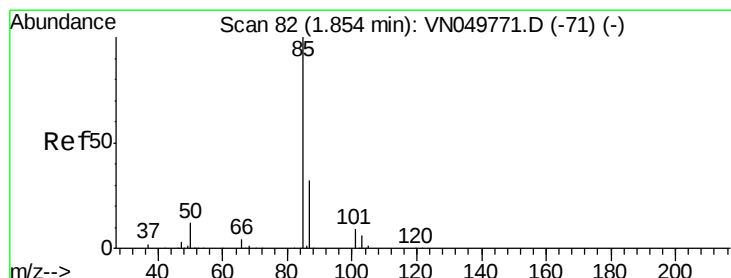
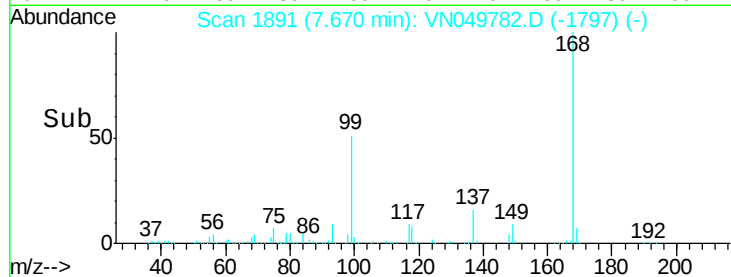
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 1.356 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049782.D

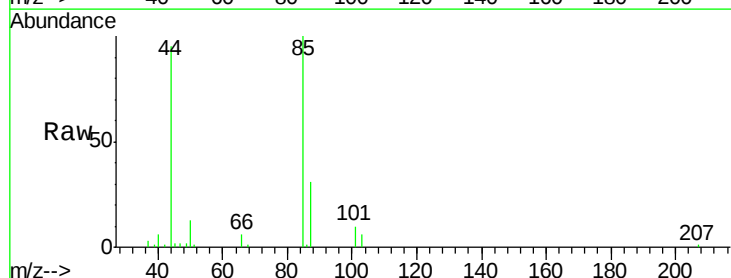
Acq: 12 Jul 2018 21:02

Tgt Ion: 85 Resp: 24451

Ion Ratio Lower Upper

85 100

87 31.3 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

20000

15000

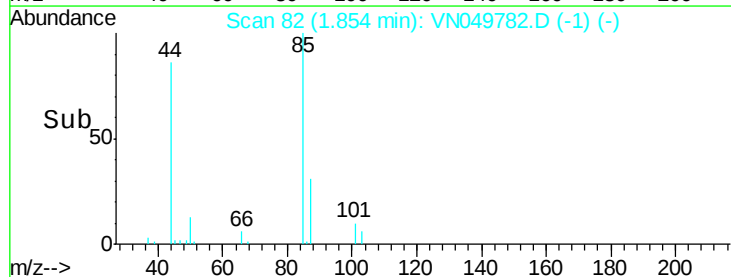
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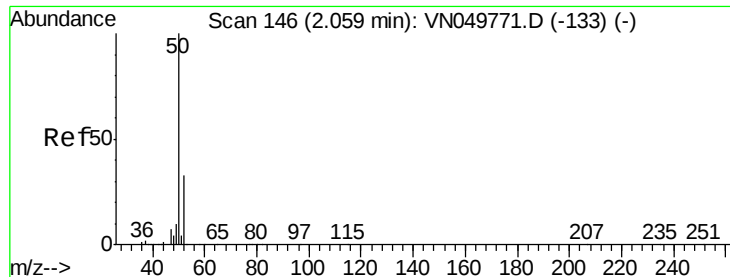
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 1.574 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

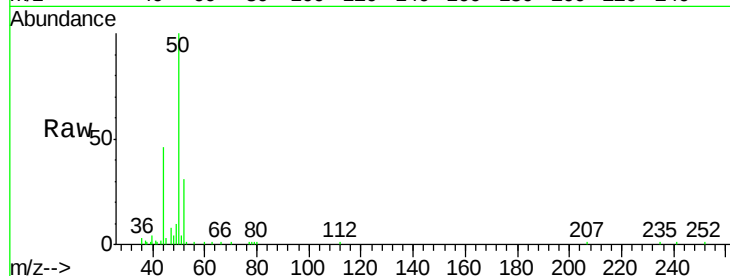
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 32705

Ion Ratio Lower Upper

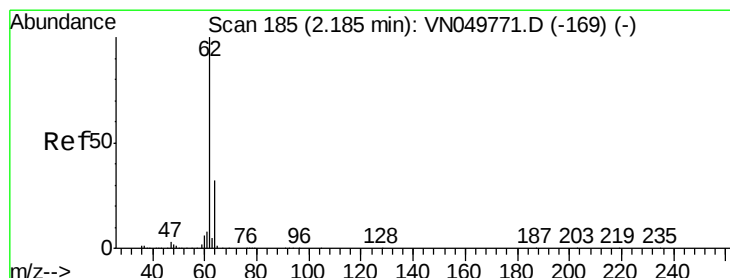
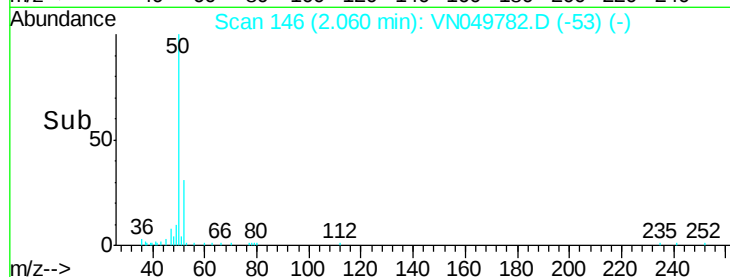
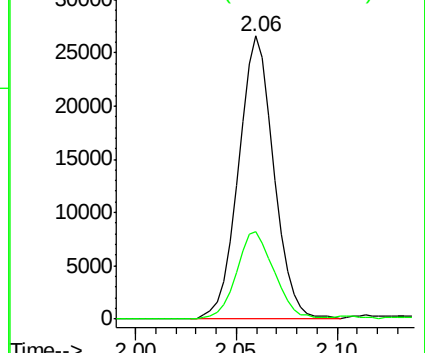
50 100

52 30.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN049771.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN049771.D (-133) (-)



#4

Vinyl Chloride

Concen: 2.054 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049782.D

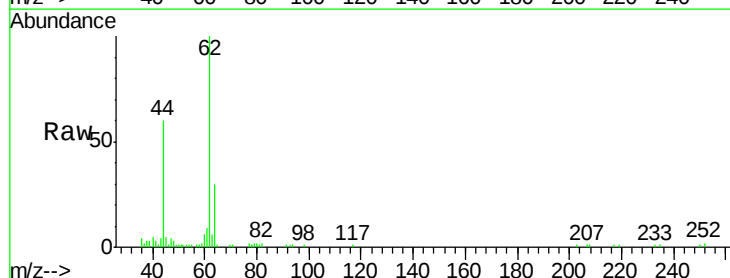
Acq: 12 Jul 2018 21:02

Tgt Ion: 62 Resp: 36402

Ion Ratio Lower Upper

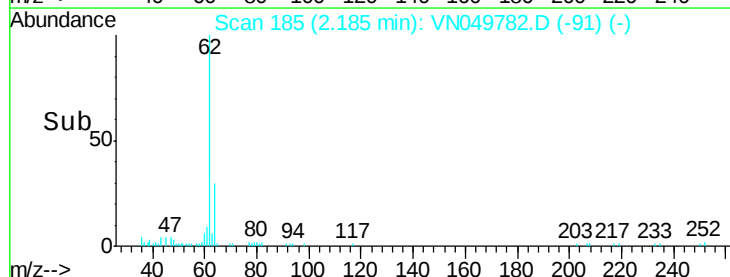
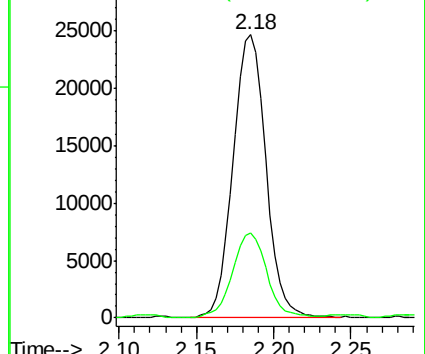
62 100

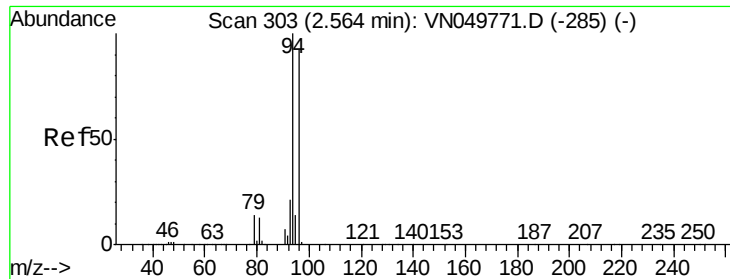
64 29.9 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN049771.D (-169) (-)

Ion 63.90 (63.60 to 64.60): VN049771.D (-169) (-)





#5

Bromomethane

Concen: 1.934 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

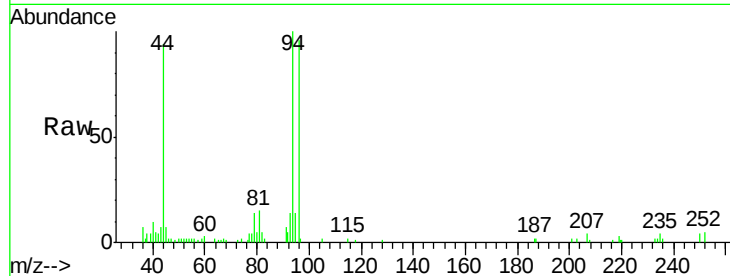
ClientSampleId :

Tot Ion: 94 Resp: 26277

Ion Ratio Lower Upper

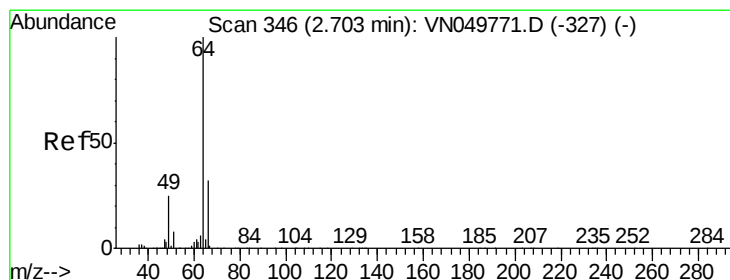
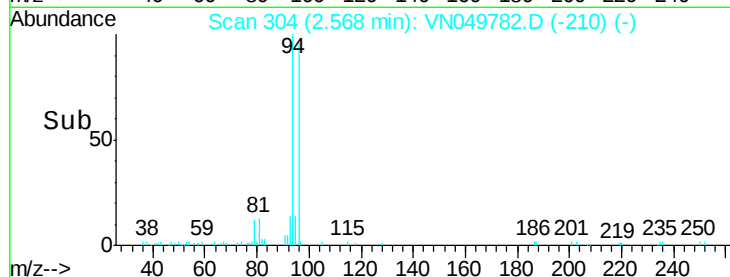
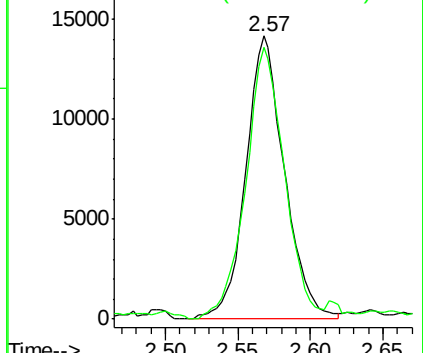
94 100

96 95.9 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 2.459 ug/l

RT: 2.71 min Scan# 347

Delta R.T. 0.00 min

Lab File: VN049782.D

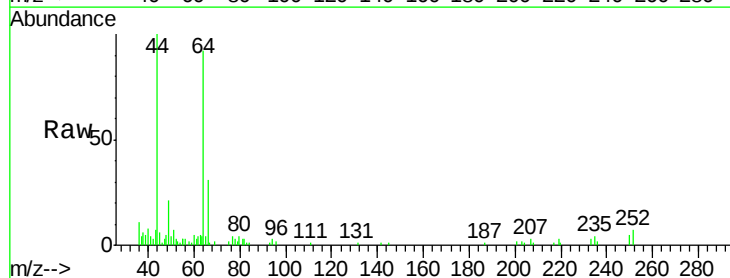
Acq: 12 Jul 2018 21:02

Tgt Ion: 64 Resp: 23499

Ion Ratio Lower Upper

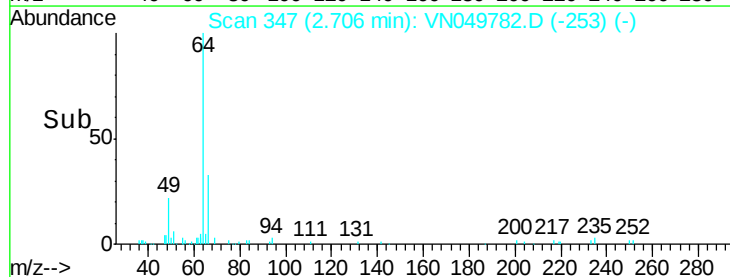
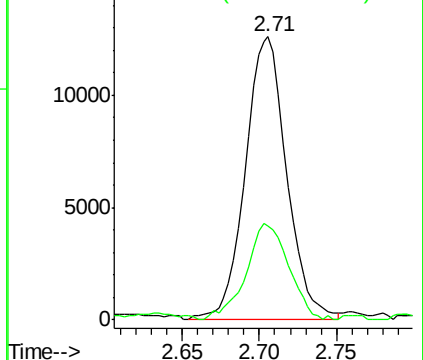
64 100

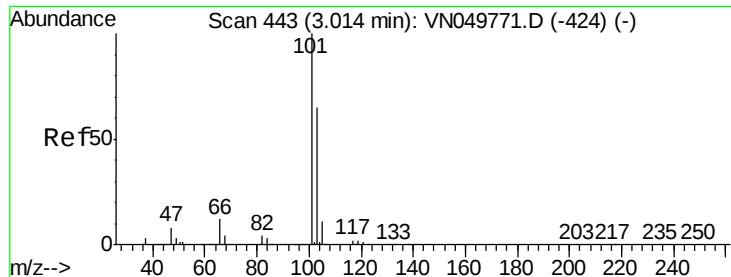
66 33.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



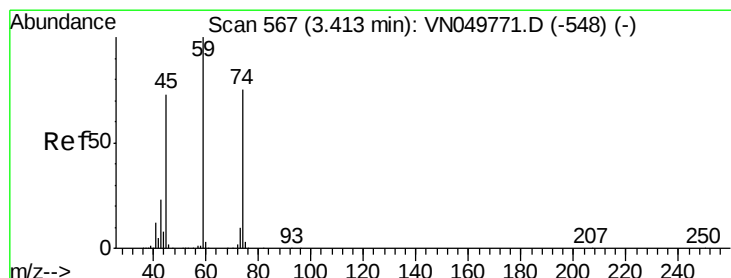
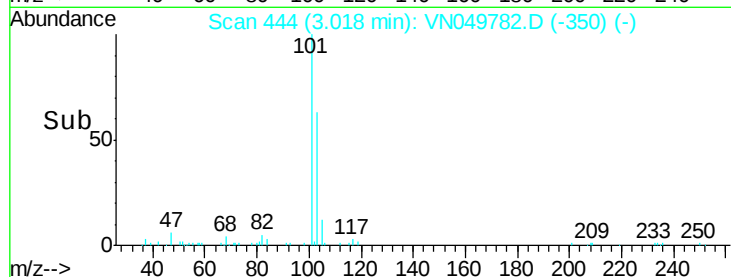
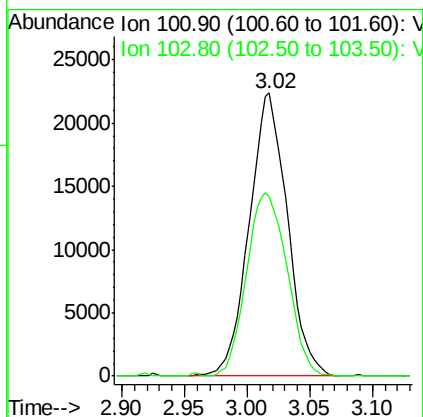
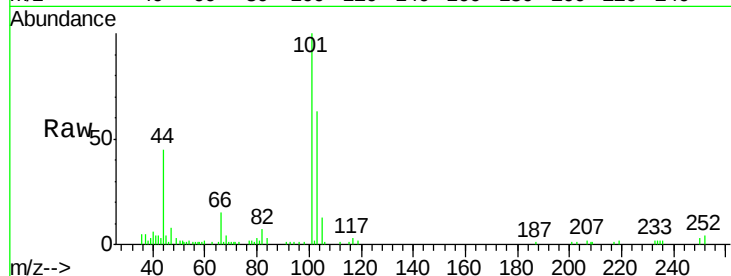


#7

Trichlorofluoromethane
Concen: 2.326 ug/l
RT: 3.02 min Scan# 444
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Instrument :
MSVOA_N
ClientSampled :

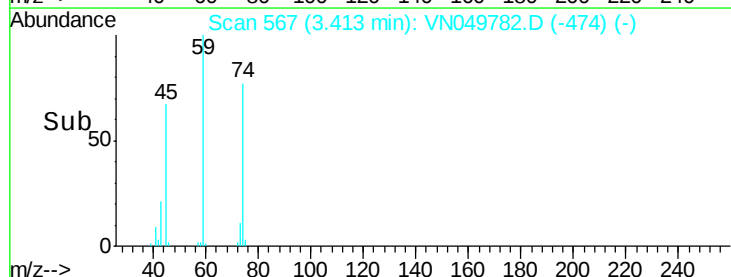
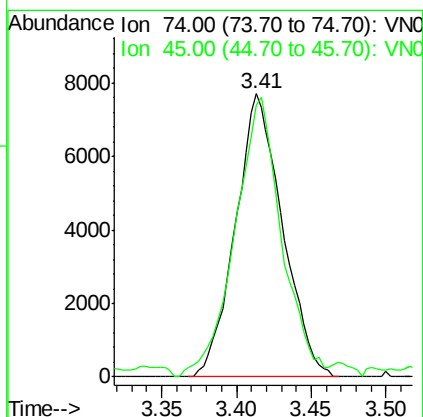
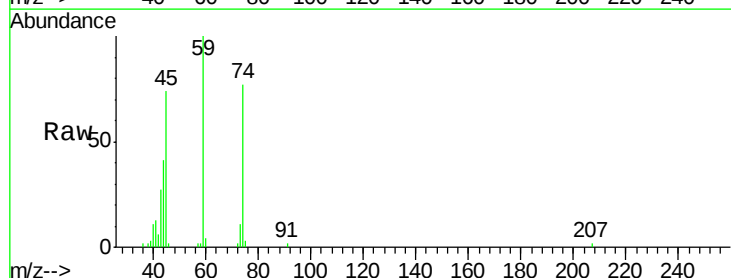
Tot Ion:101 Resp: 47376
Ion Ratio Lower Upper
101 100
103 63.4 52.8 79.2

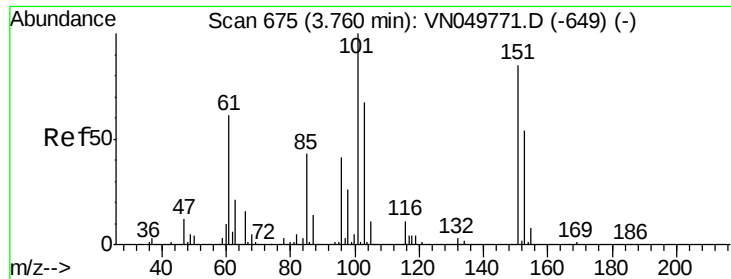


#8

Diethyl Ether
Concen: 2.306 ug/l
RT: 3.41 min Scan# 567
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Tgt Ion: 74 Resp: 16833
Ion Ratio Lower Upper
74 100
45 98.1 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.257 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

ClientSampled :

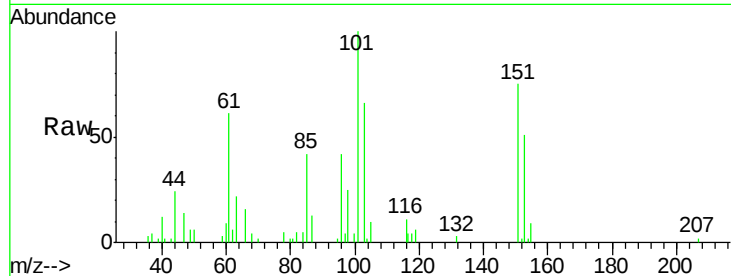
Tot Ion:101 Resp: 29839

Ion Ratio Lower Upper

101 100

85 21.3 34.4 51.6#

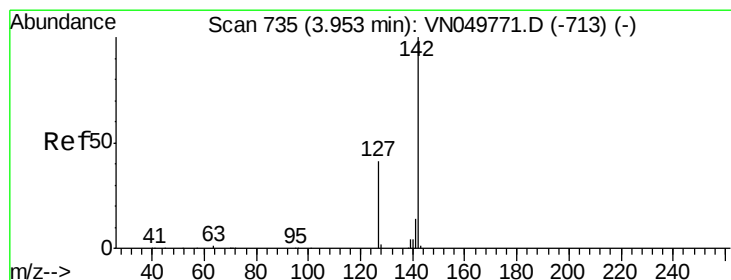
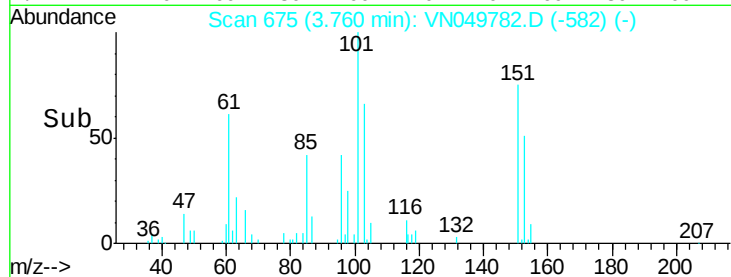
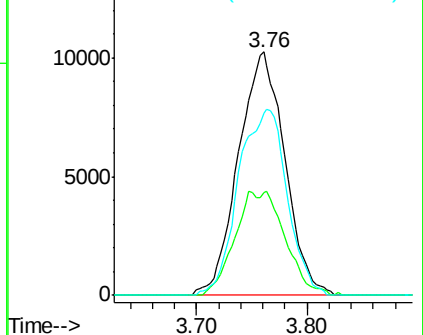
151 80.2 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.877 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

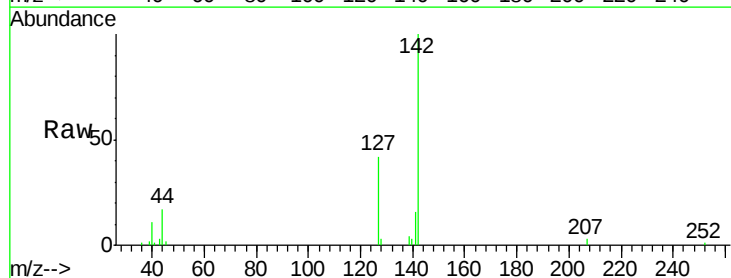
Tgt Ion:142 Resp: 31544

Ion Ratio Lower Upper

142 100

127 41.6 32.5 48.7

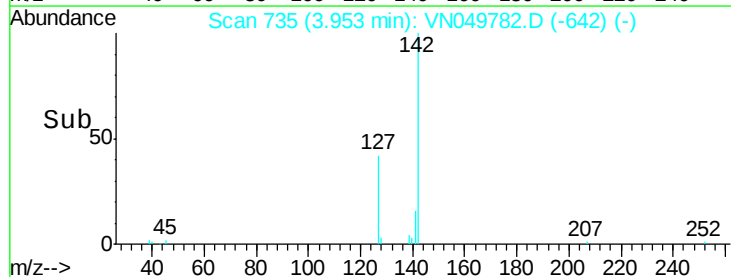
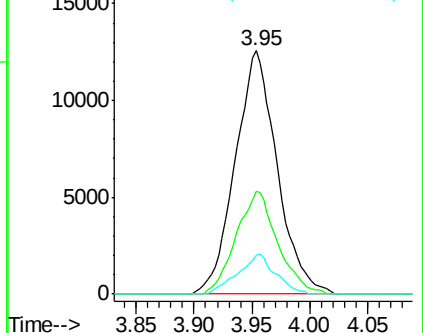
141 14.7 11.1 16.7

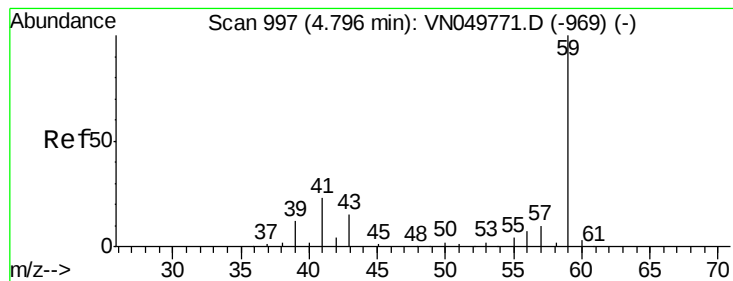


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



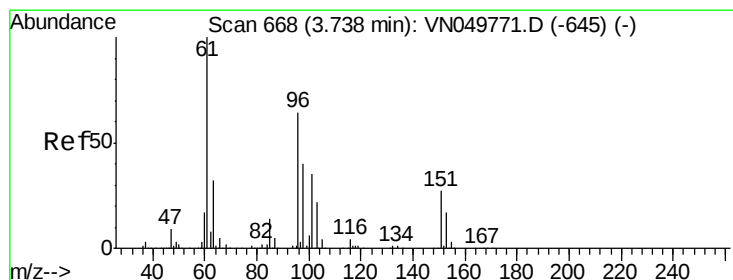
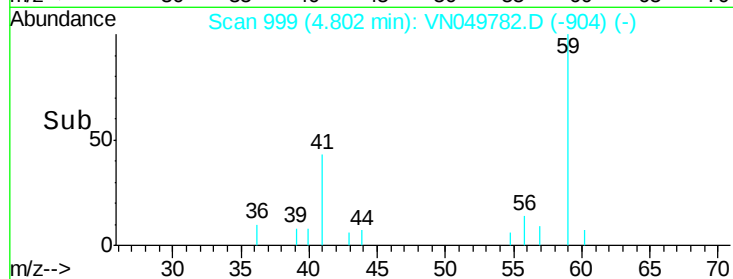
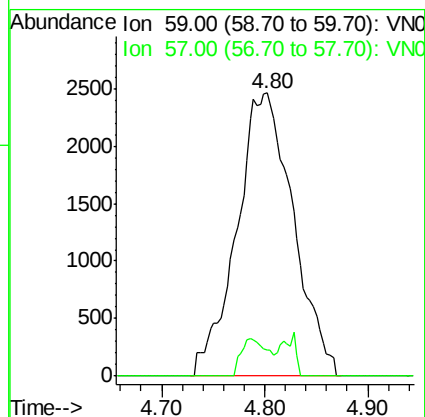
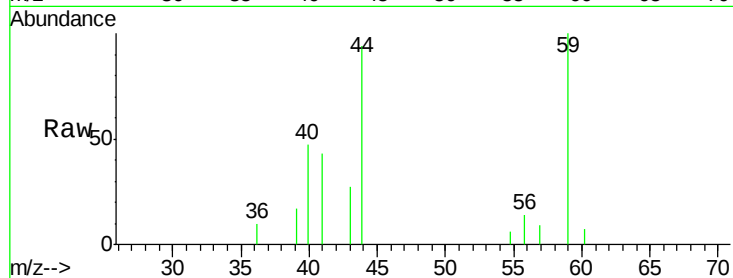


#11

Tert butyl alcohol
 Concen: 11.196 ug/l
 RT: 4.80 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: VN049782.D
 Acq: 12 Jul 2018 21:02

Instrument :
 MSVOA_N
 ClientSampled :

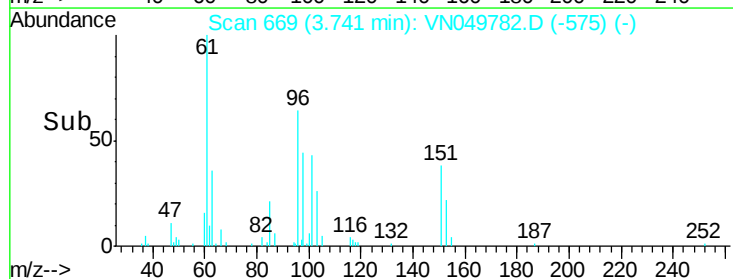
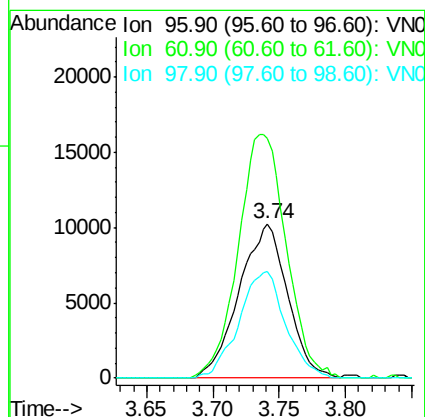
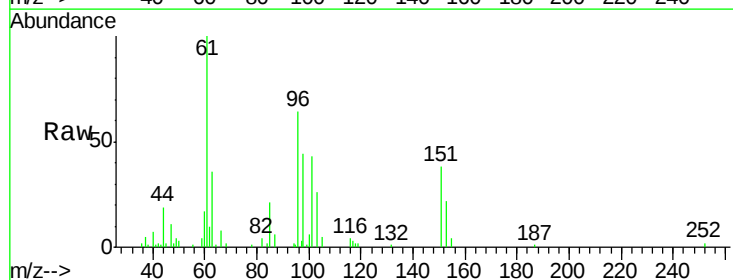
Tot Ion: 59 Resp: 9365
 Ion Ratio Lower Upper
 59 100
 57 6.2 8.5 12.7#

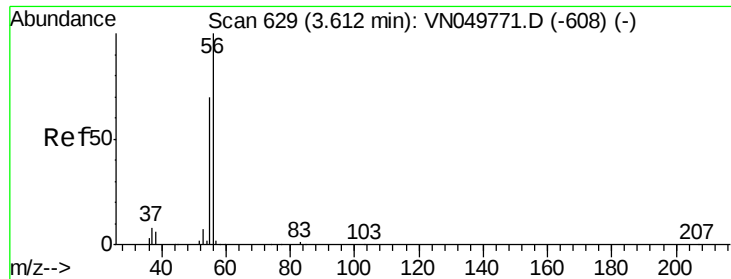


#12

1,1-Dichloroethene
 Concen: 2.247 ug/l
 RT: 3.74 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: VN049782.D
 Acq: 12 Jul 2018 21:02

Tgt Ion: 96 Resp: 26104
 Ion Ratio Lower Upper
 96 100
 61 155.3 126.5 189.7
 98 68.8 51.0 76.6





#13

Acrolein

Concen: 16.639 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

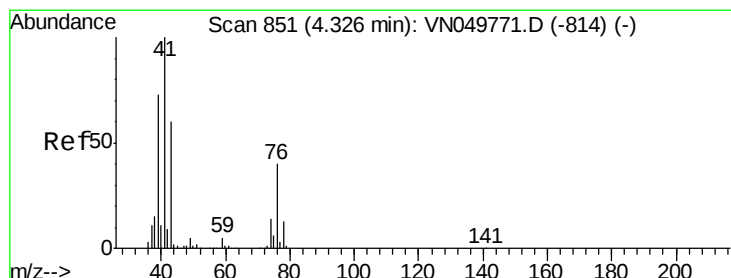
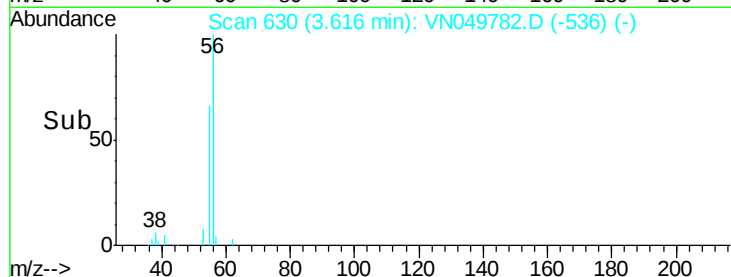
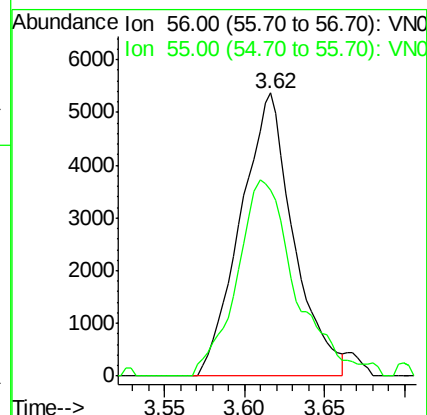
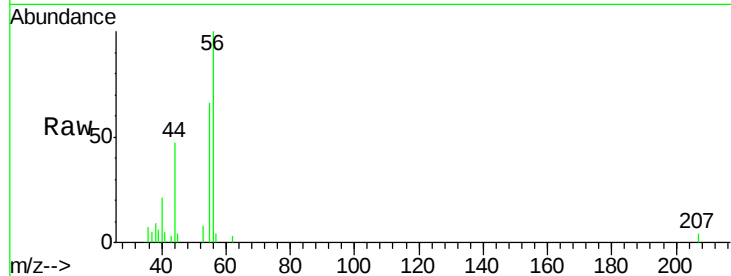
ClientSampled :

Tot Ion: 56 Resp: 12225

Ion Ratio Lower Upper

56 100

55 76.4 55.8 83.8



#14

Allyl chloride

Concen: 2.253 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

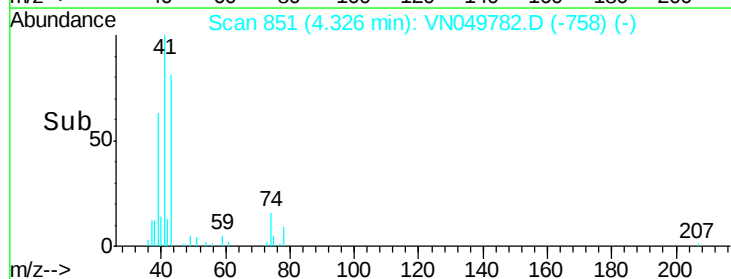
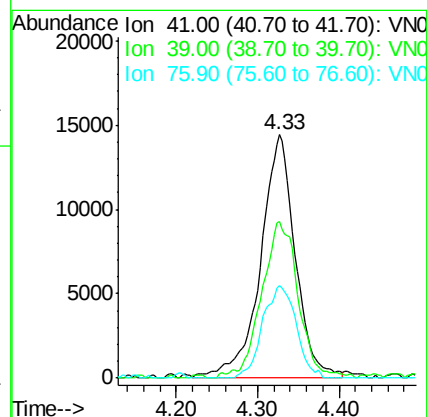
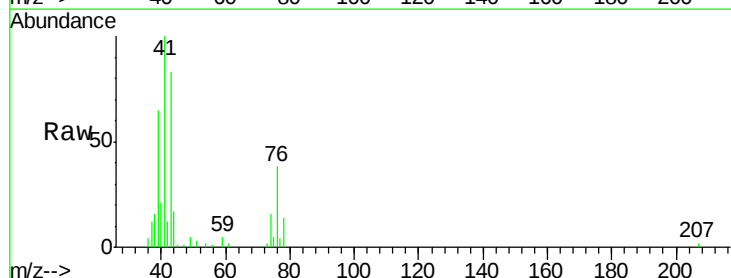
Tgt Ion: 41 Resp: 42722

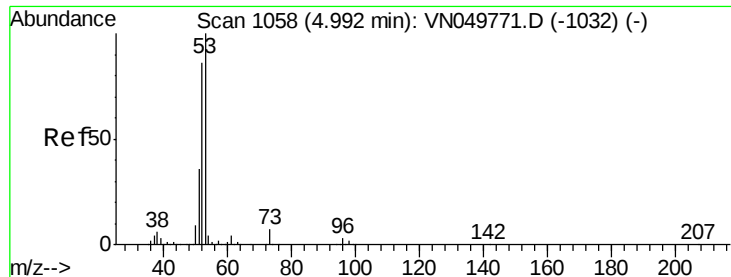
Ion Ratio Lower Upper

41 100

39 68.1 53.2 79.8

76 36.5 29.0 43.6





#15

Acrylonitrile

Concen: 10.165 ug/l

RT: 5.00 min Scan# 1060

Delta R.T. 0.01 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

ClientSampled :

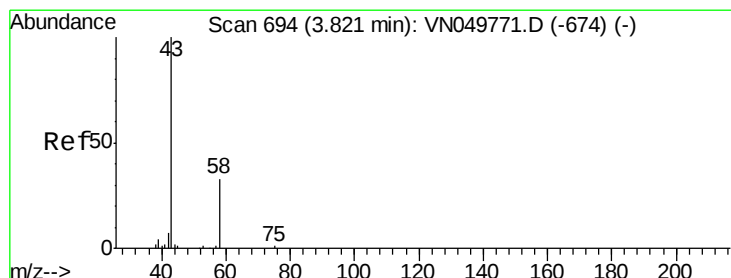
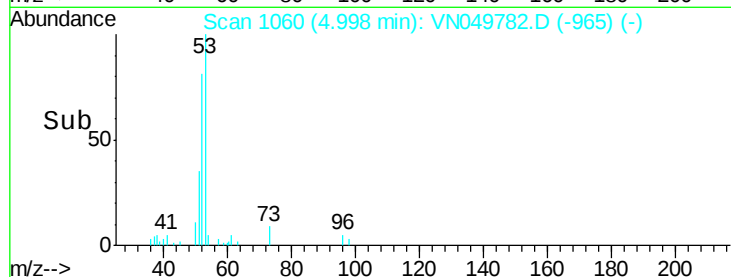
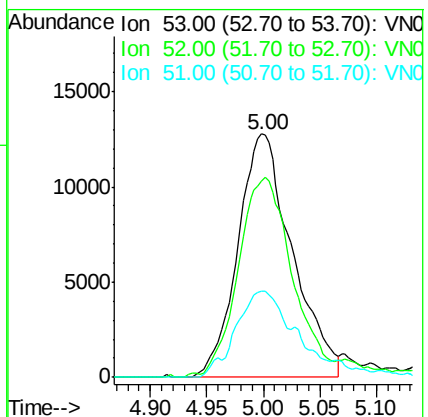
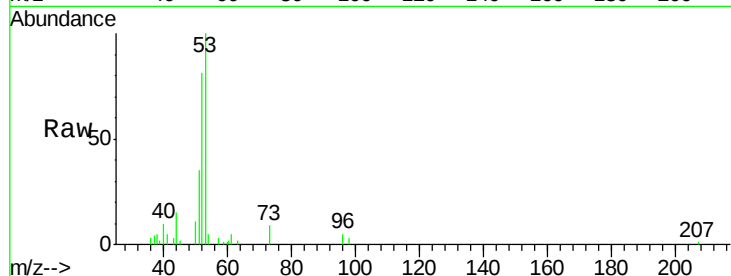
Tot Ion: 53 Resp: 42583

Ion Ratio Lower Upper

53 100

52 81.9 64.8 97.2

51 38.0 28.9 43.3



#16

Acetone

Concen: 9.311 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049782.D

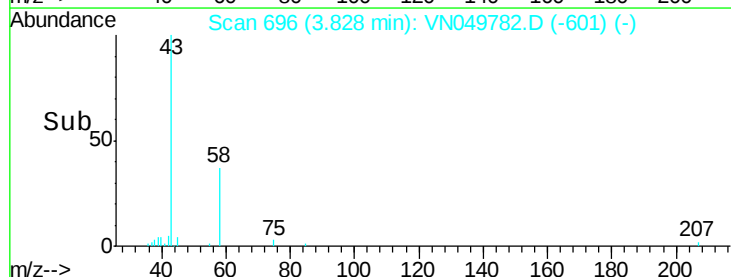
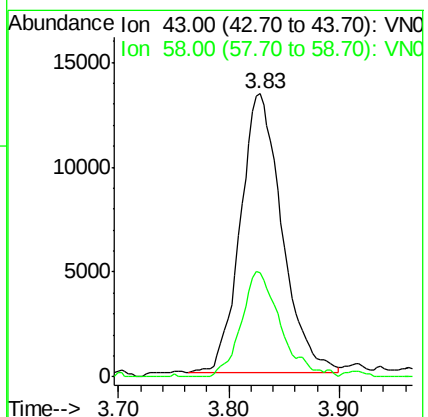
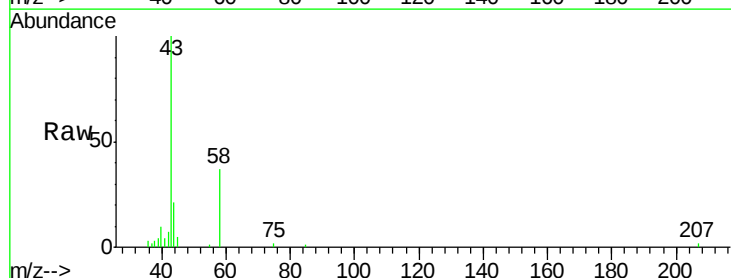
Acq: 12 Jul 2018 21:02

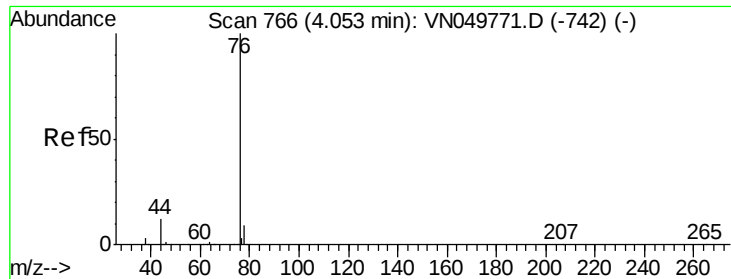
Tgt Ion: 43 Resp: 34792

Ion Ratio Lower Upper

43 100

58 37.3 25.9 38.9





#17

Carbon Disulfide

Concen: 2.155 ug/l

RT: 4.05 min Scan# 765

Delta R.T. -0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

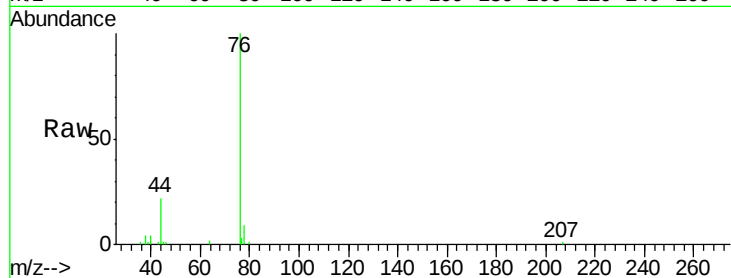
ClientSampleId :

Tot Ion: 76 Resp: 76465

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

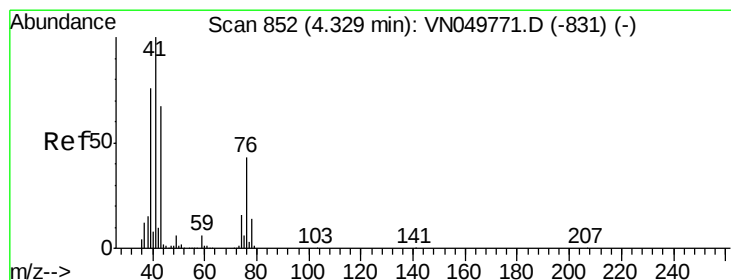
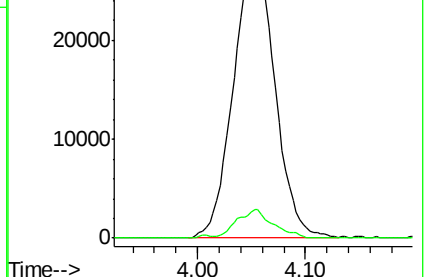
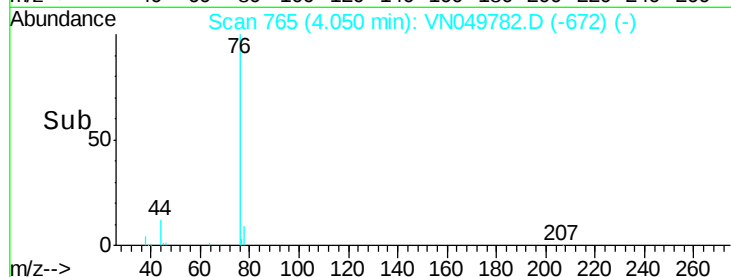


Abundance Ion 75.90 (75.60 to 76.60): VN049771.D (-742) (-)

Ion 77.90 (77.60 to 78.60): VN049771.D (-742) (-)

4.05

Time-->



#18

Methyl Acetate

Concen: 2.684 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049782.D

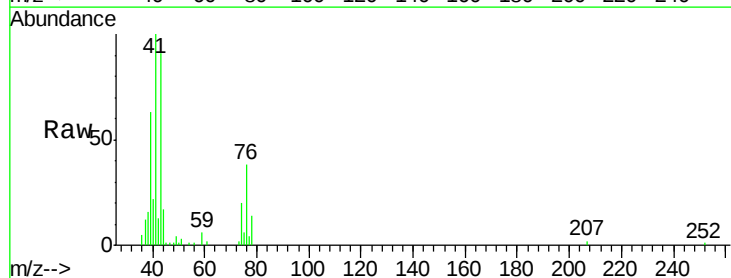
Acq: 12 Jul 2018 21:02

Tgt Ion: 43 Resp: 35303

Ion Ratio Lower Upper

43 100

74 21.8 19.8 29.8

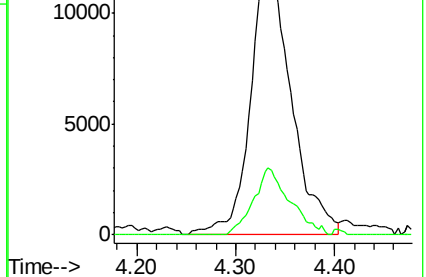
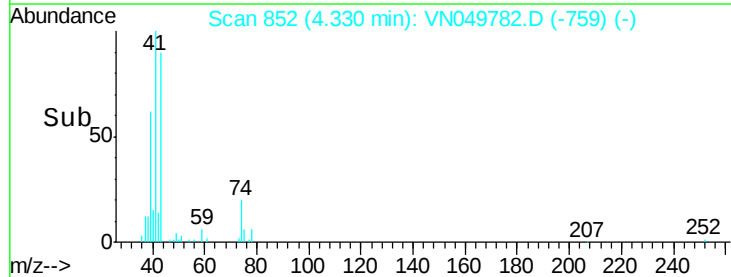


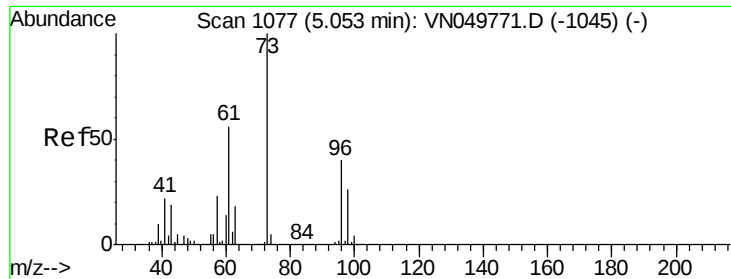
Abundance Ion 43.00 (42.70 to 43.70): VN049771.D (-831) (-)

Ion 74.00 (73.70 to 74.70): VN049771.D (-831) (-)

4.33

Time-->

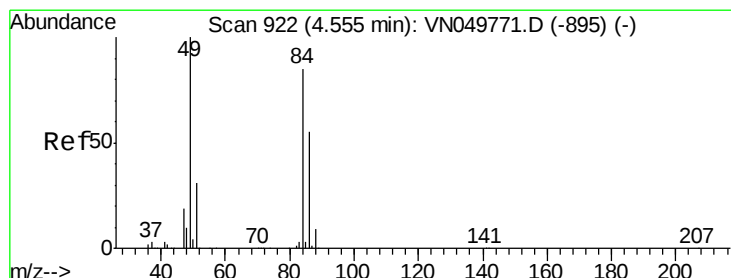
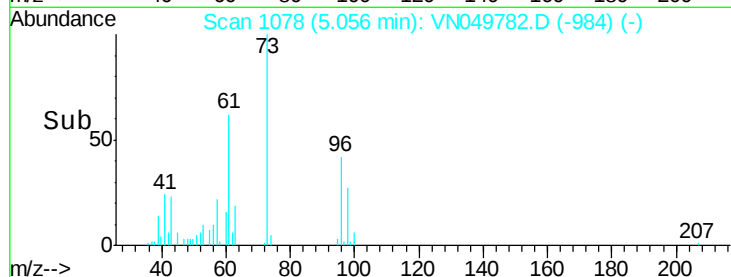
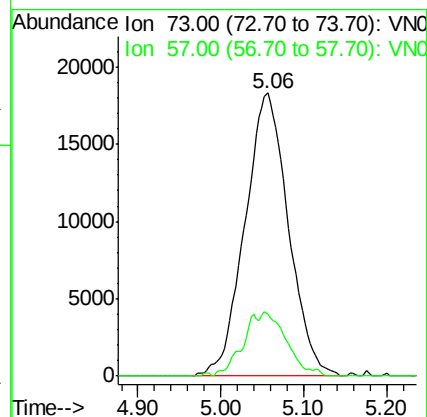
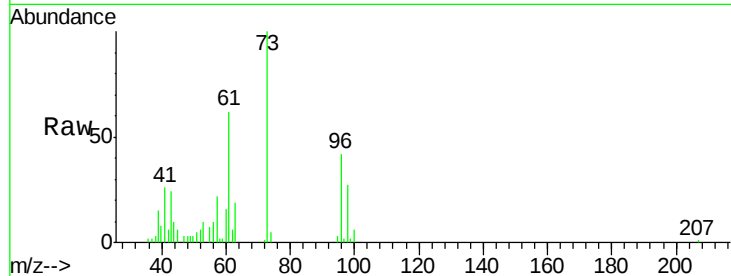




#19
Methyl tert-butyl Ether
Concen: 2.066 ug/l
RT: 5.06 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

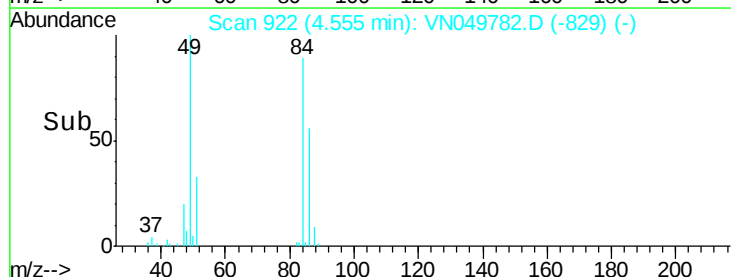
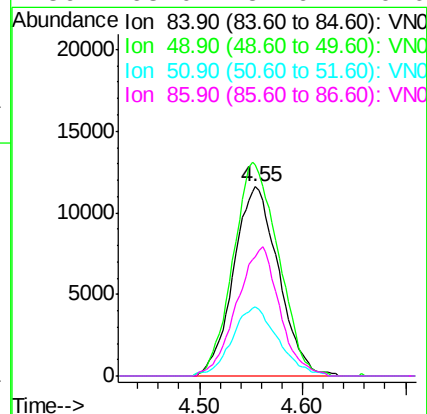
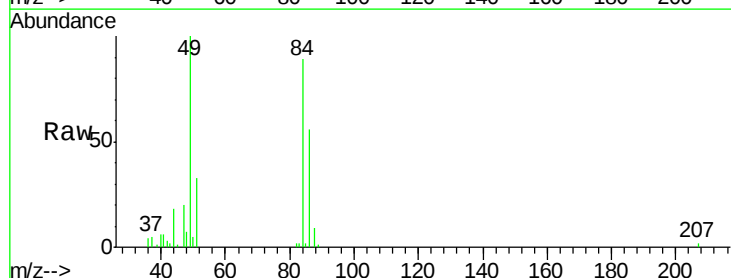
Instrument :
MSVOA_N
ClientSampled :

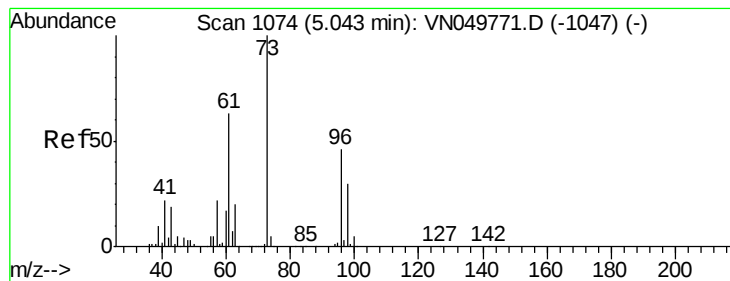
Tot Ion: 73 Resp: 66595
Ion Ratio Lower Upper
73 100
57 21.9 18.1 27.1



#20
Methylene Chloride
Concen: 1.860 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Tgt Ion: 84 Resp: 35168
Ion Ratio Lower Upper
84 100
49 111.8 95.4 143.2
51 36.4 28.4 42.6
86 63.0 52.6 79.0



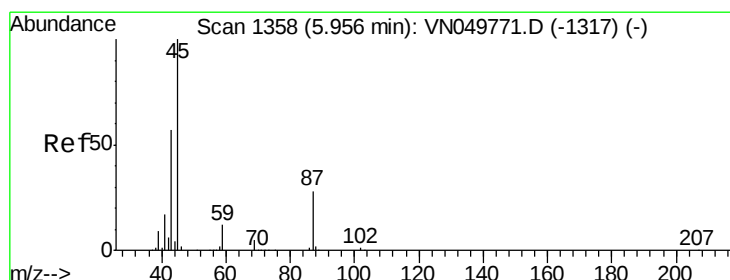
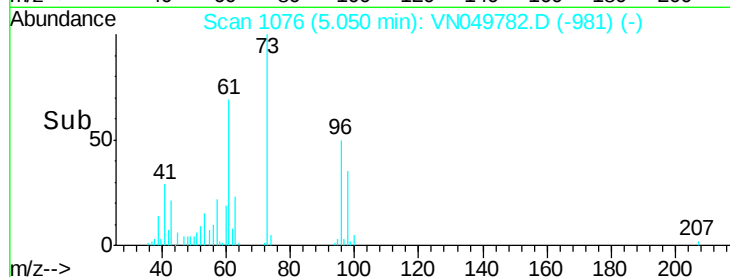
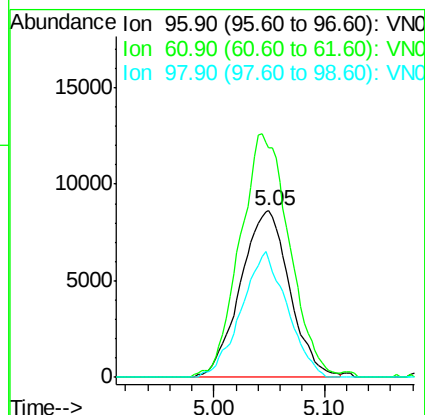
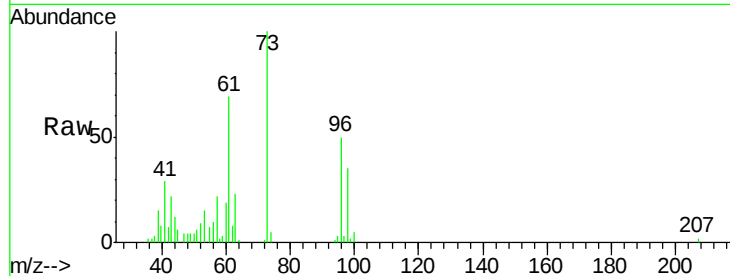


#21

trans-1,2-Dichloroethene
Concen: 2.105 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Instrument :
MSVOA_N
ClientSampleId :

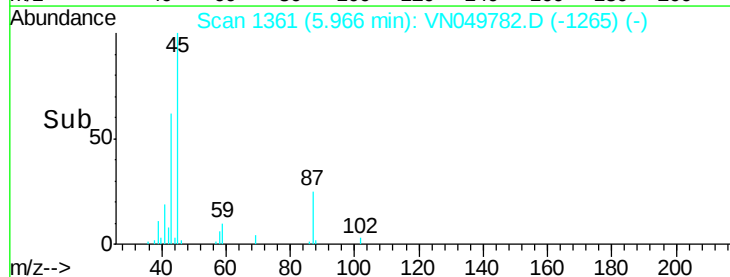
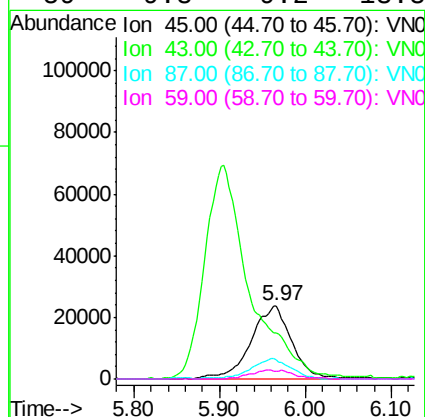
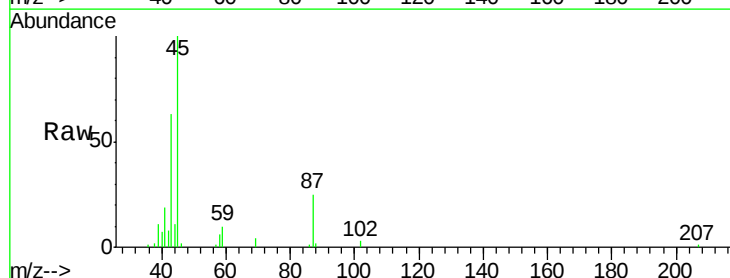
Tot Ion: 96 Resp: 26730
Ion Ratio Lower Upper
96 100
61 138.0 109.0 163.6
98 70.9 51.1 76.7

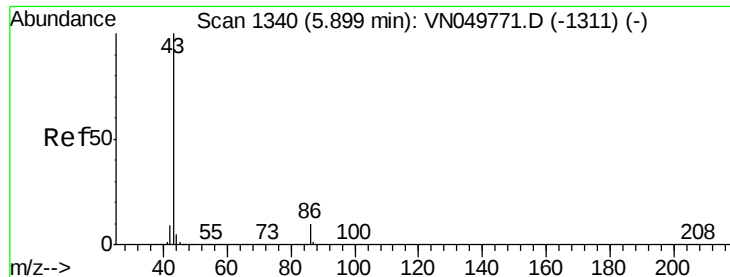


#22

Diisopropyl ether
Concen: 1.947 ug/l
RT: 5.97 min Scan# 1361
Delta R.T. 0.01 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Tgt Ion: 45 Resp: 75829
Ion Ratio Lower Upper
45 100
43 58.4 48.1 72.1
87 25.0 22.6 34.0
59 9.8 9.2 13.8





#23

Vinyl Acetate

Concen: 9.650 ug/l

RT: 5.91 min Scan# 1342

Delta R.T. 0.01 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

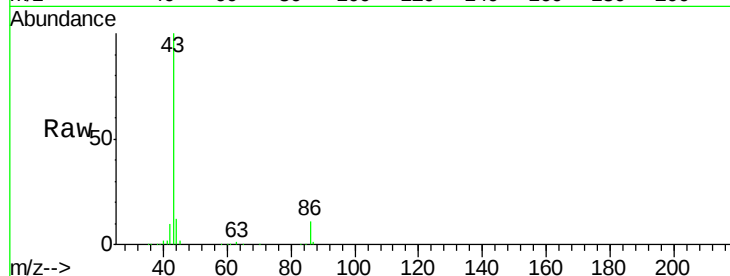
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 251866

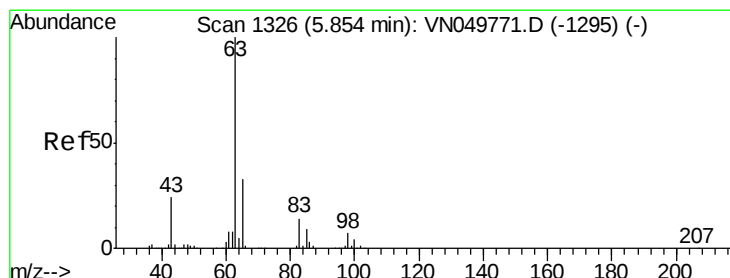
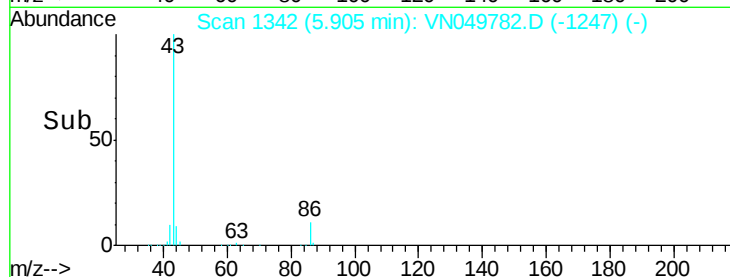
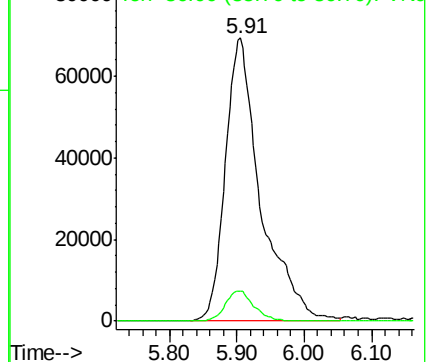
Ion Ratio Lower Upper

43 100

86 10.8 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 2.270 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

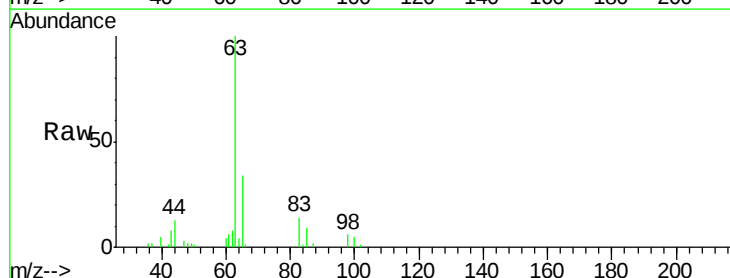
Tgt Ion: 63 Resp: 55529

Ion Ratio Lower Upper

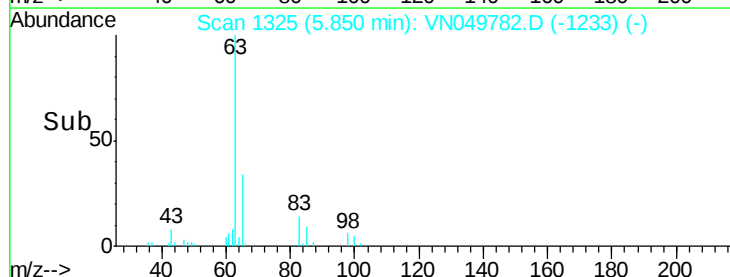
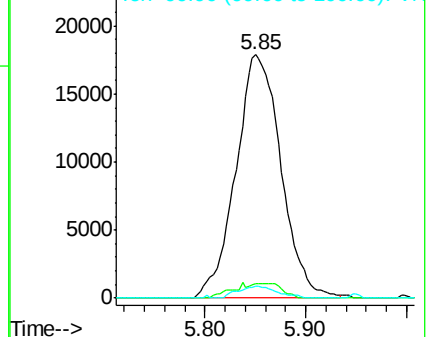
63 100

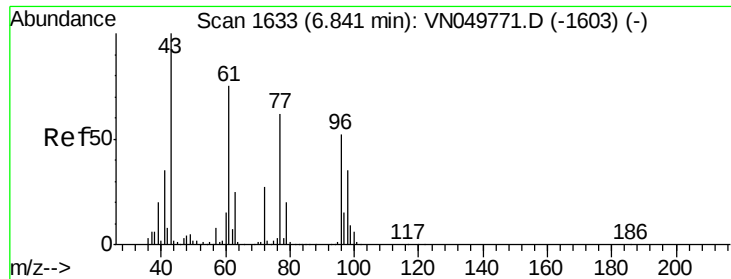
98 5.9 3.4 10.2

100 4.6 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0

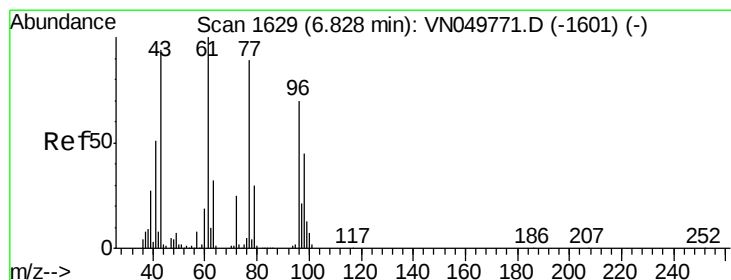
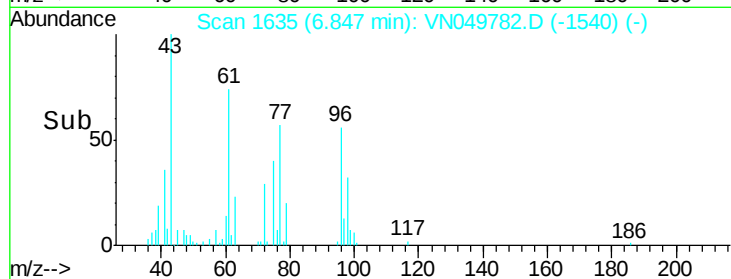
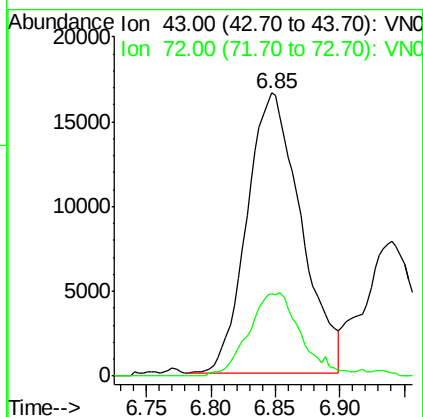
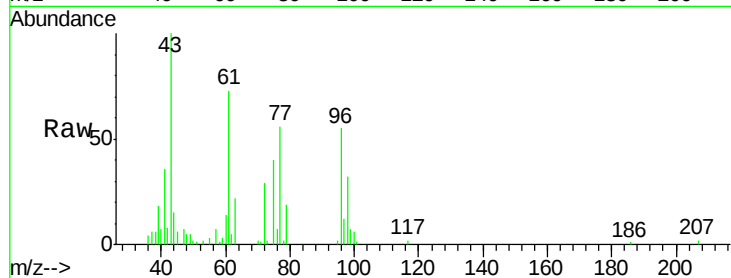




#25
 2-Butanone
 Concen: 9.861 ug/l
 RT: 6.85 min Scan# 1635
 Delta R.T. 0.01 min
 Lab File: VN049782.D
 Acq: 12 Jul 2018 21:02

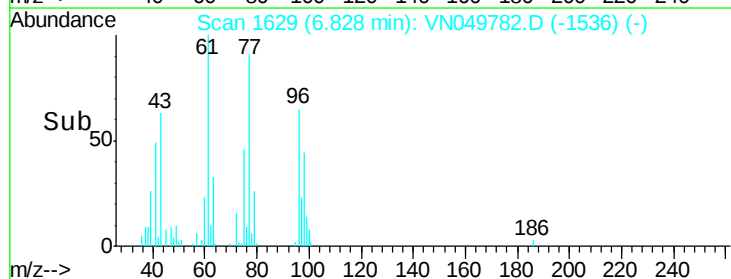
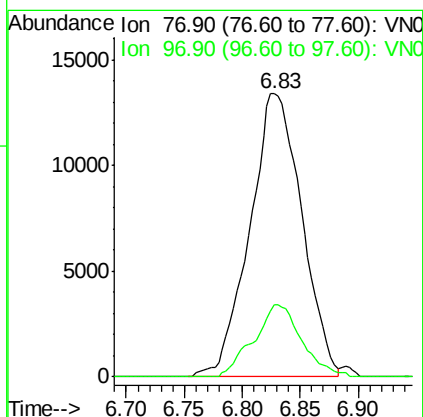
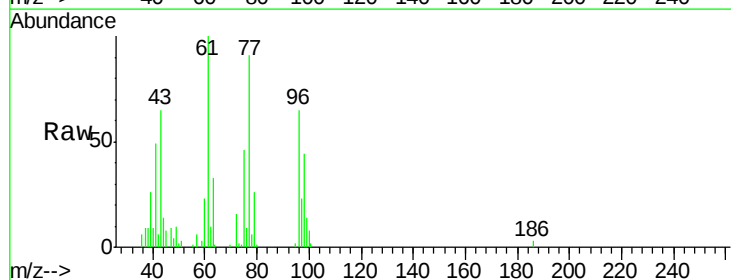
Instrument :
 MSVOA_N
 ClientSampled :

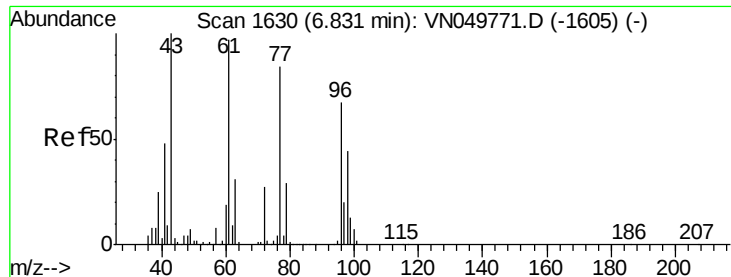
Tot Ion: 43 Resp: 48027
 Ion Ratio Lower Upper
 43 100
 72 29.3 22.1 33.1



#26
 2,2-Dichloropropane
 Concen: 2.061 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VN049782.D
 Acq: 12 Jul 2018 21:02

Tgt Ion: 77 Resp: 41857
 Ion Ratio Lower Upper
 77 100
 97 23.4 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 2.138 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. 0.01 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :
MSVOA_N
ClientSampled :

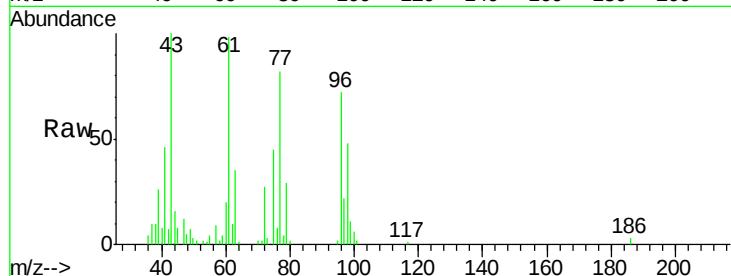
Tot Ion: 96 Resp: 31052

Ion Ratio Lower Upper

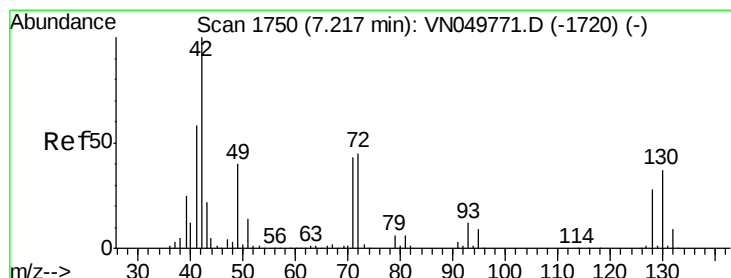
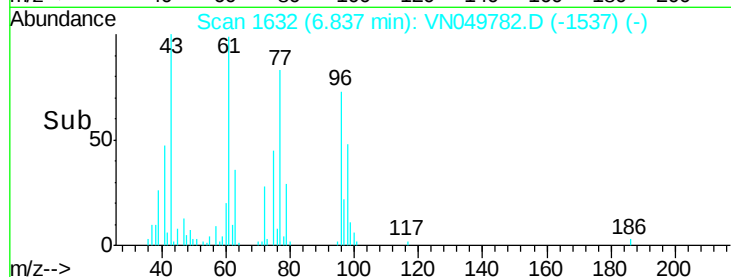
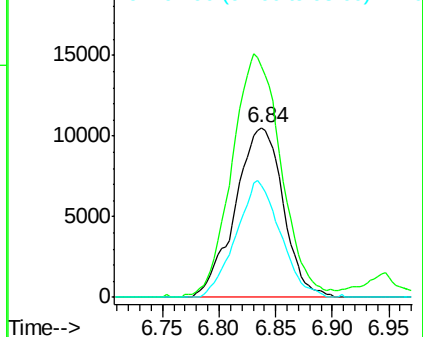
96 100

61 146.7 0.0 289.0

98 63.5 0.0 130.2



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



#29

Tetrahydrofuran

Concen: 9.582 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

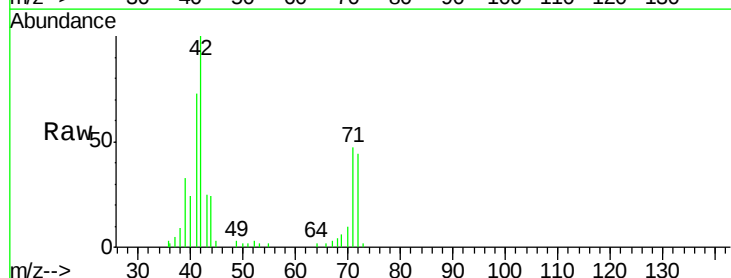
Tgt Ion: 42 Resp: 29304

Ion Ratio Lower Upper

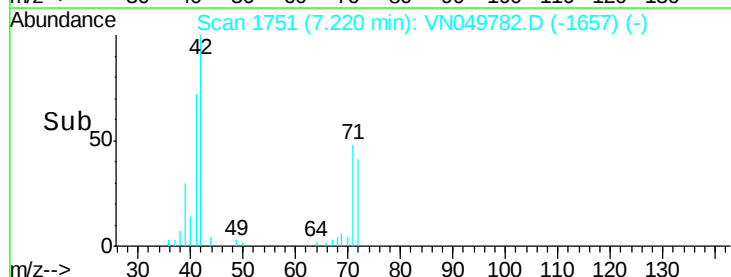
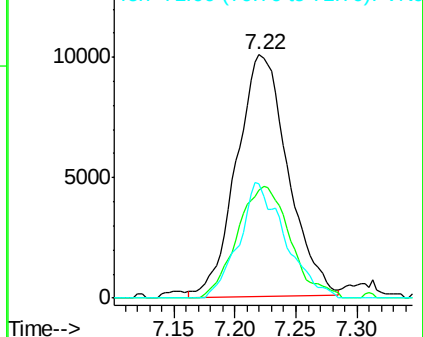
42 100

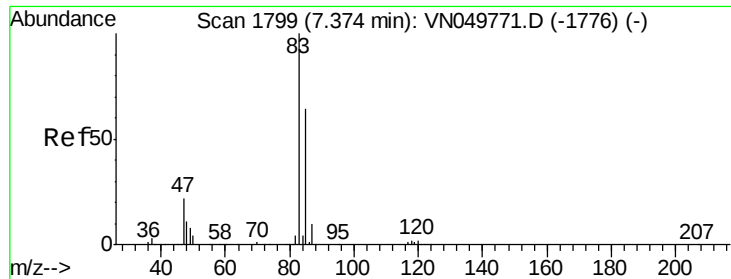
72 47.7 35.6 53.4

71 42.9 34.0 51.0



Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

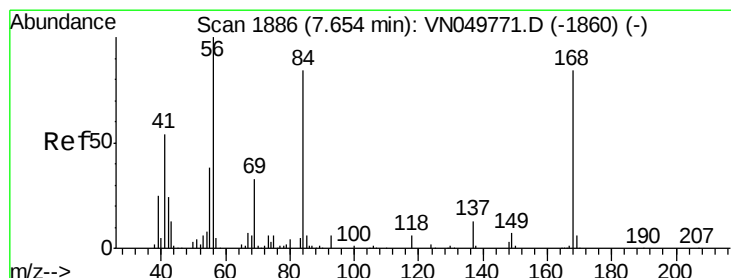
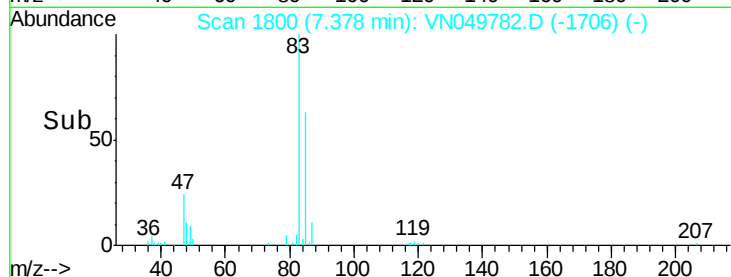
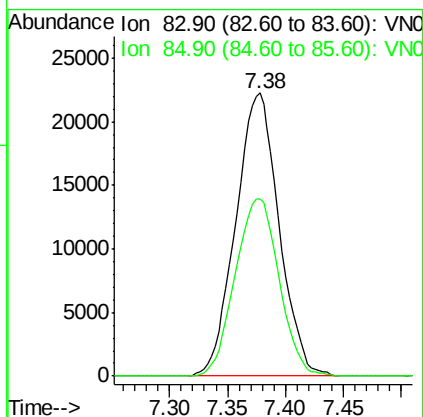
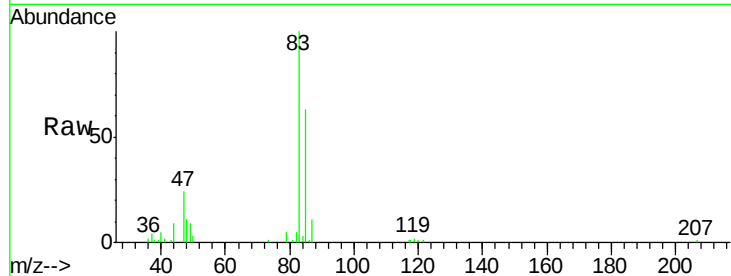




#30
Chloroform
Concen: 2.291 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

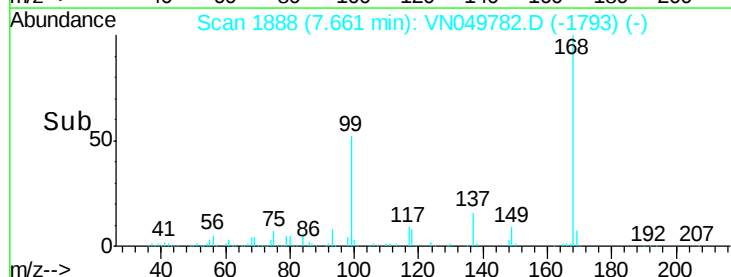
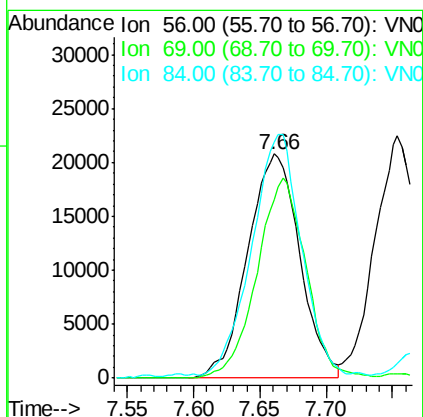
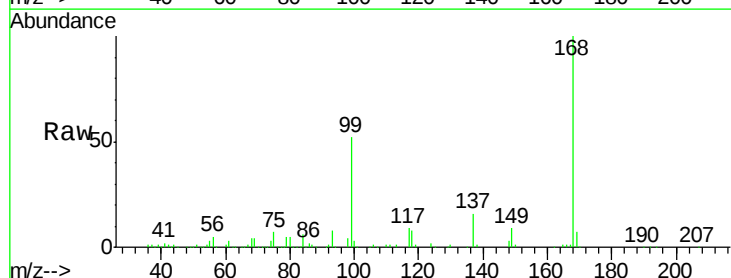
Instrument :
MSVOA_N
ClientSampled :

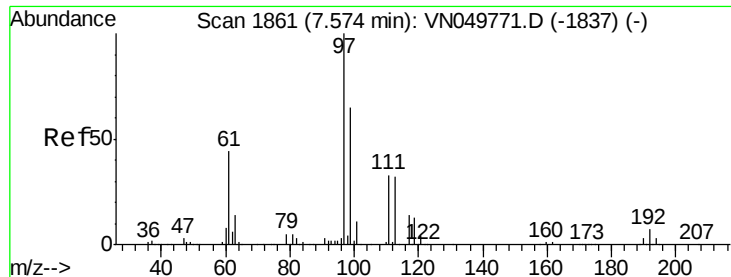
Tot Ion: 83 Resp: 57748
Ion Ratio Lower Upper
83 100
85 62.5 51.4 77.2



#31
Cyclohexane
Concen: 2.677 ug/l
RT: 7.66 min Scan# 1888
Delta R.T. 0.01 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Tgt Ion: 56 Resp: 56838
Ion Ratio Lower Upper
56 100
69 79.6 26.6 40.0#
84 104.5 69.0 103.6#





#32

1,1,1-Trichloroethane

Concen: 2.250 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

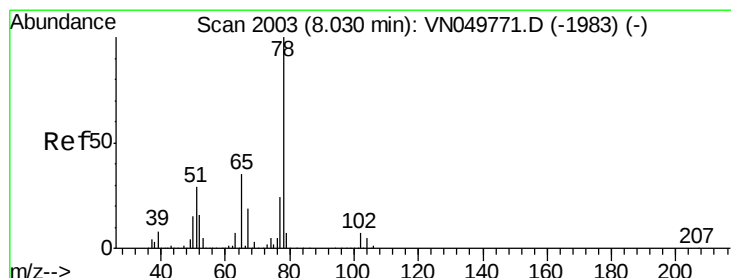
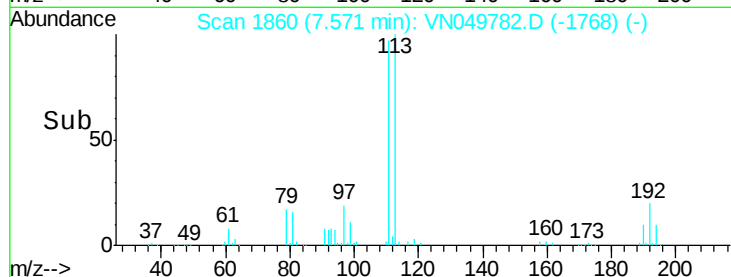
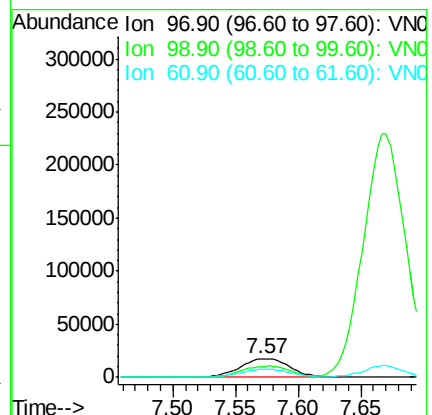
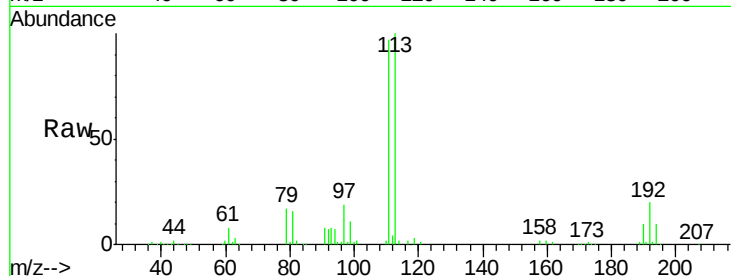
Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 97 Resp: 48167

Ion	Ratio	Lower	Upper
97	100		
99	59.3	51.0	76.4
61	43.9	35.5	53.3



#33

1,2-Dichloroethane-d4

Concen: 53.411 ug/l

RT: 8.03 min Scan# 2003

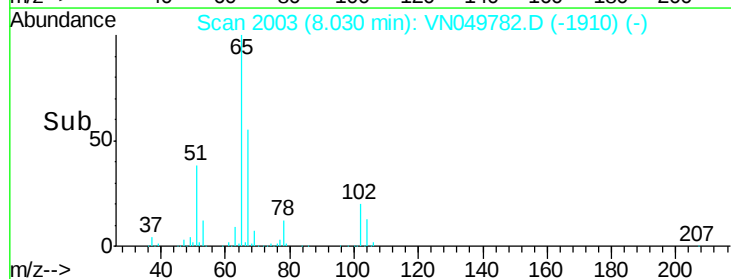
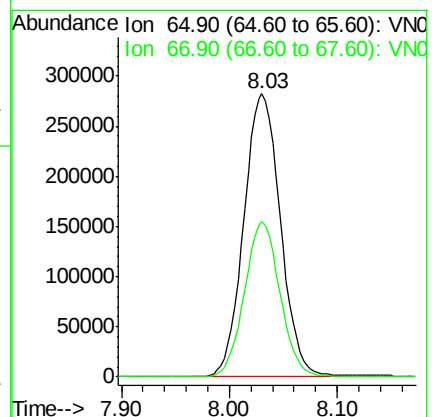
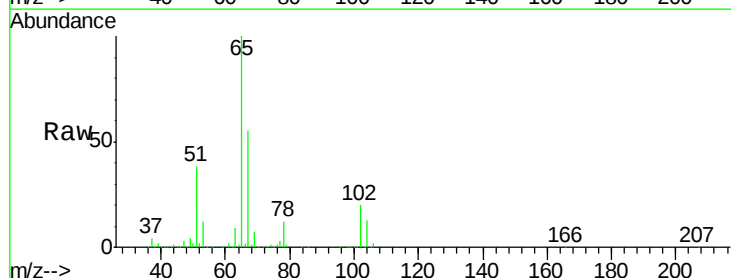
Delta R.T. 0.00 min

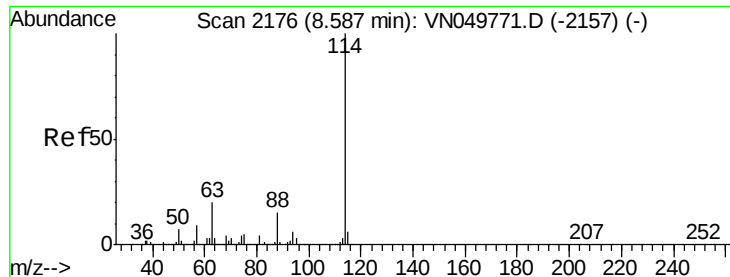
Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Tgt Ion: 65 Resp: 667529

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.2

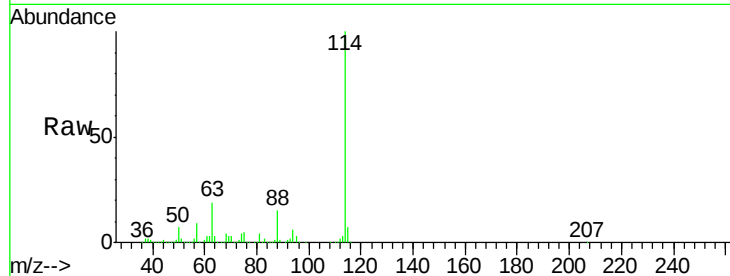




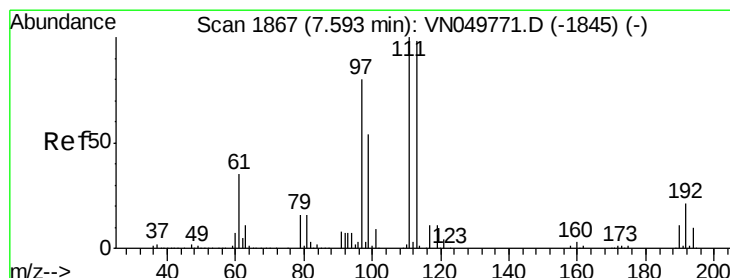
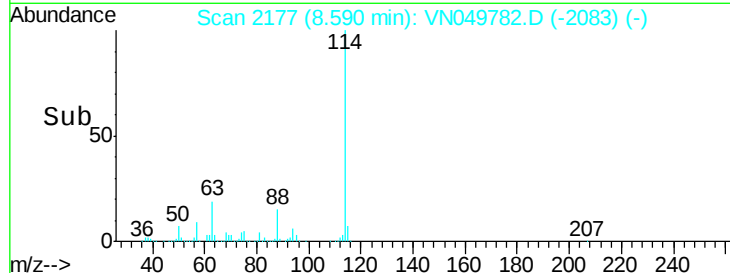
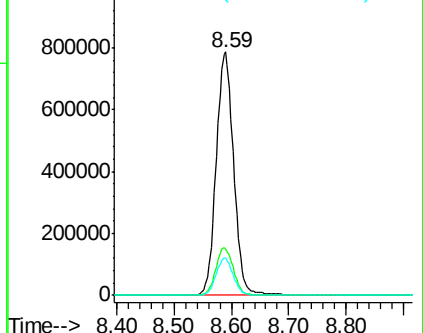
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049782.D
 Acq: 12 Jul 2018 21:02

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 1668852
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.3 0.0 30.6

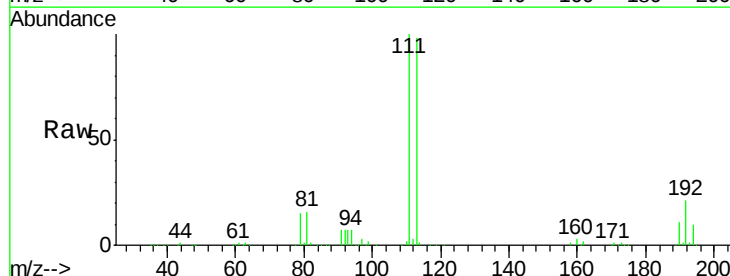


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

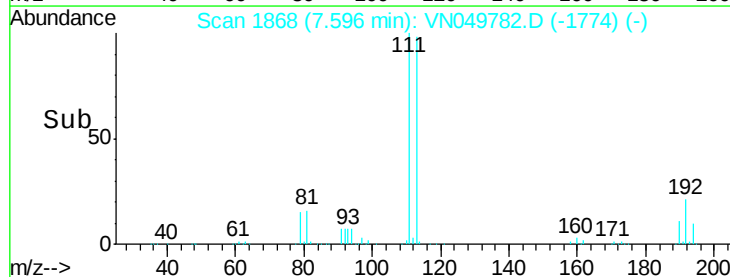
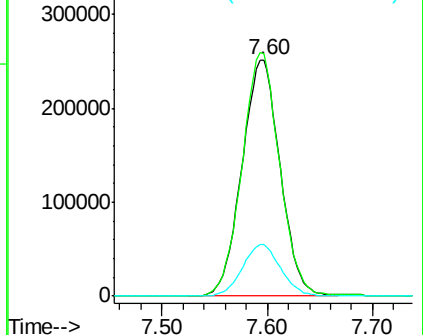


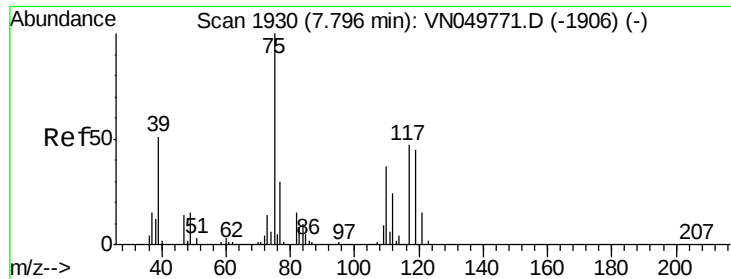
#35
 Dibromofluoromethane
 Concen: 50.362 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN049782.D
 Acq: 12 Jul 2018 21:02

Tgt Ion:113 Resp: 633522
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.8 122.8
 192 21.7 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

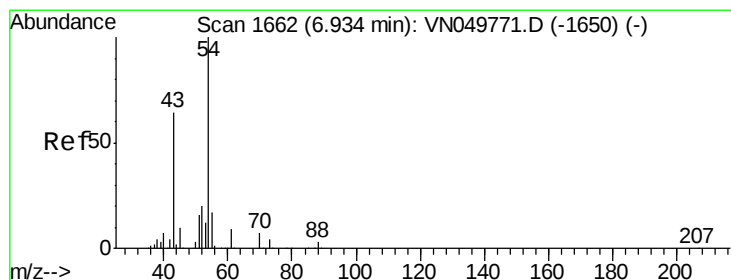
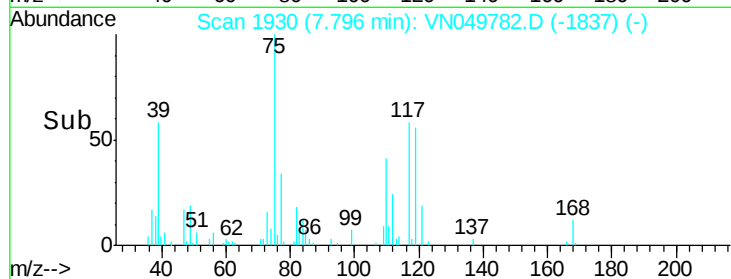
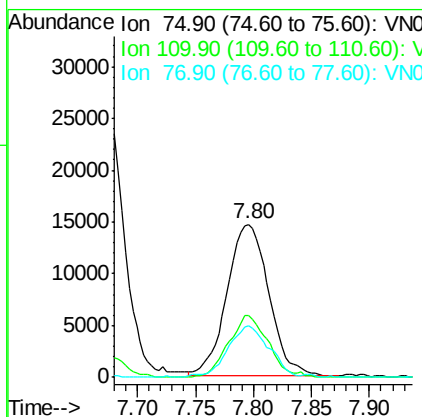
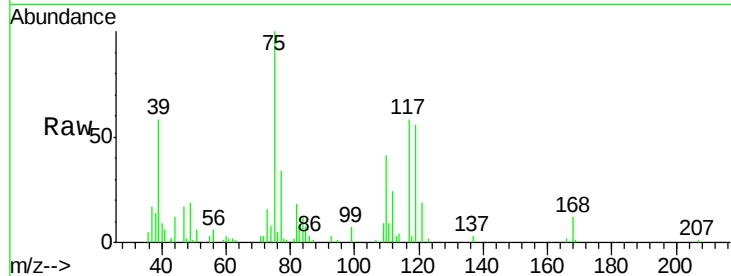




#36
 1,1-Dichloropropene
 Concen: 1.908 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN049782.D
 Acq: 12 Jul 2018 21:02

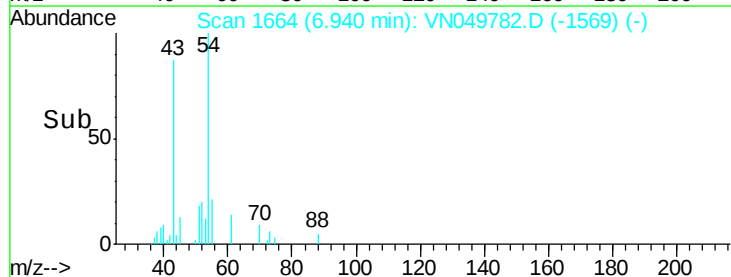
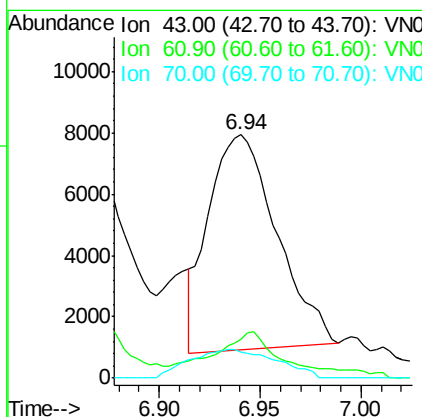
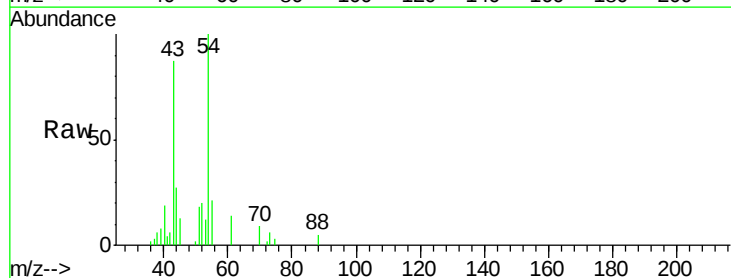
Instrument :
 MSVOA_N
 ClientSampleId :

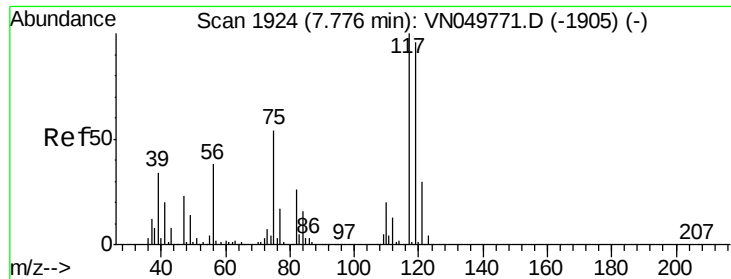
Tot Ion	75	Resp	36696
Ion Ratio	Lower	Upper	
75	100		
110	38.6	18.1	54.4
77	33.4	24.9	37.3



#37
 Ethyl Acetate
 Concen: 1.447 ug/l
 RT: 6.94 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VN049782.D
 Acq: 12 Jul 2018 21:02

Tgt Ion	43	Resp	16477
Ion Ratio	Lower	Upper	
43	100		
61	23.6	11.7	17.5#
70	16.9	8.4	12.6#

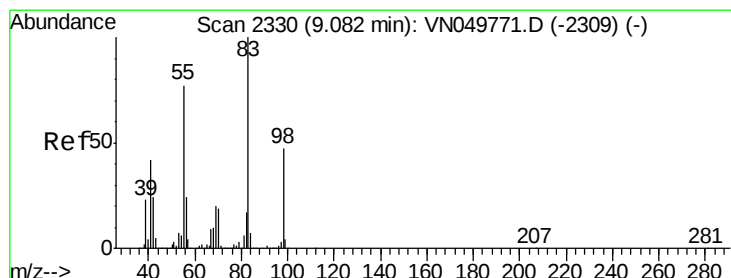
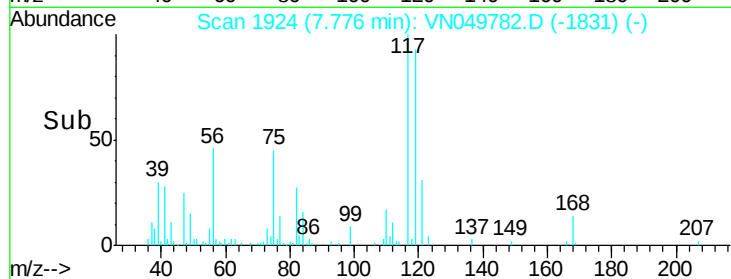
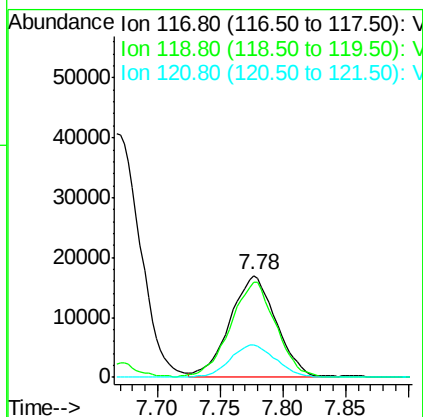
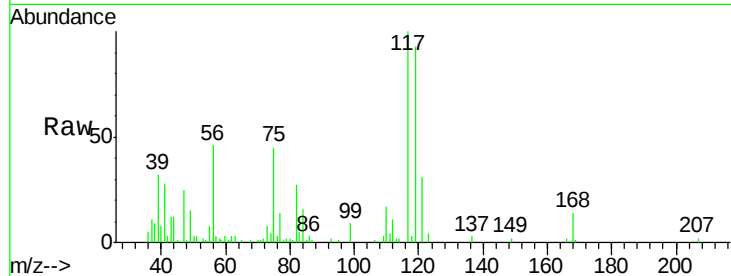




#38
Carbon Tetrachloride
Concen: 2.121 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

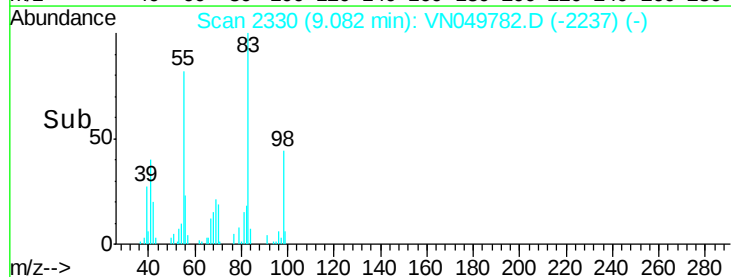
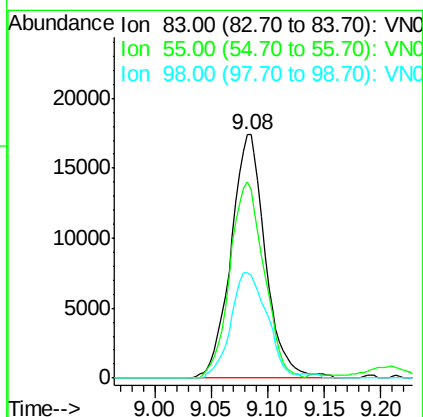
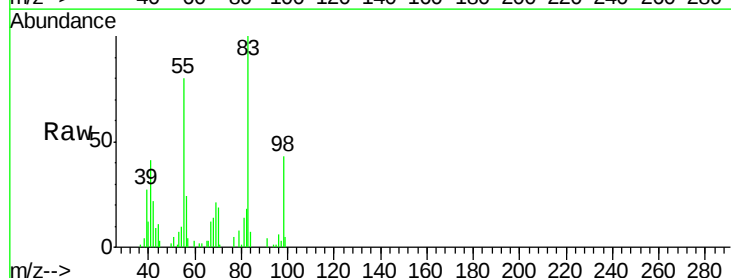
Instrument :
MSVOA_N
ClientSampled :

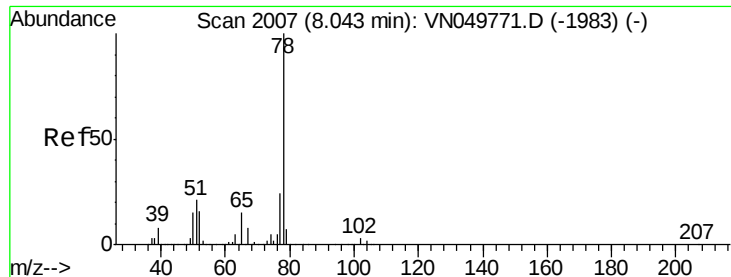
Tot Ion:117 Resp: 42641
Ion Ratio Lower Upper
117 100
119 94.3 77.2 115.8
121 31.5 25.0 37.6



#39
Methylcyclohexane
Concen: 1.816 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Tgt Ion: 83 Resp: 36815
Ion Ratio Lower Upper
83 100
55 80.4 59.7 89.5
98 43.5 36.5 54.7





#40

Benzene

Concen: 2.089 ug/l

RT: 8.05 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

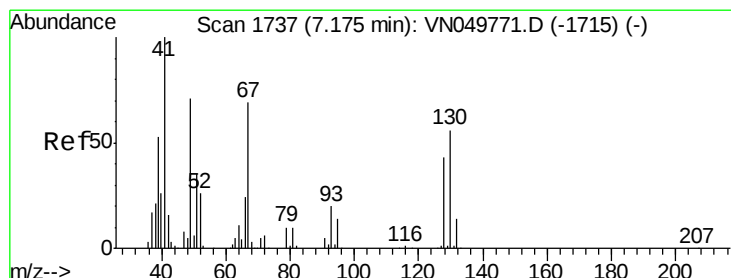
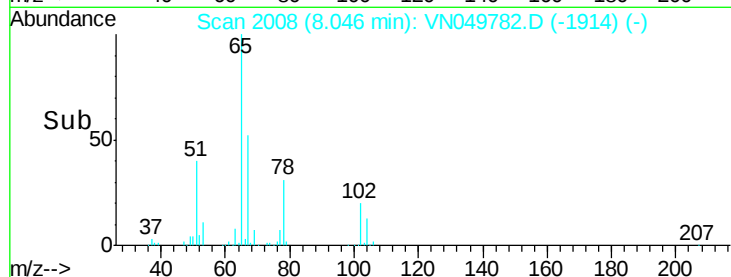
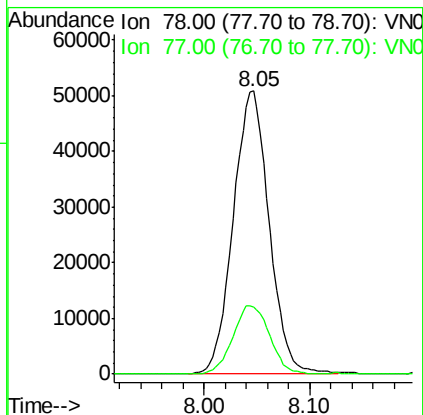
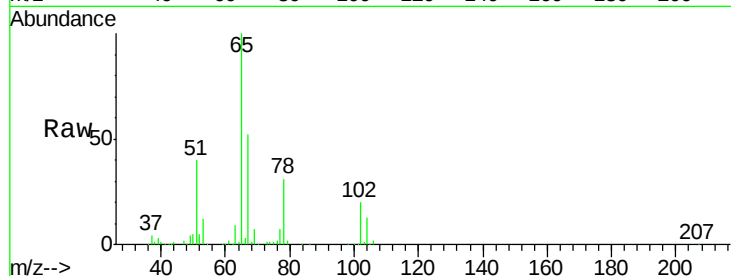
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 78 Resp: 120178

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4



#41

Methacrylonitrile

Concen: 2.119 ug/l

RT: 7.18 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Tgt Ion: 41 Resp: 13643

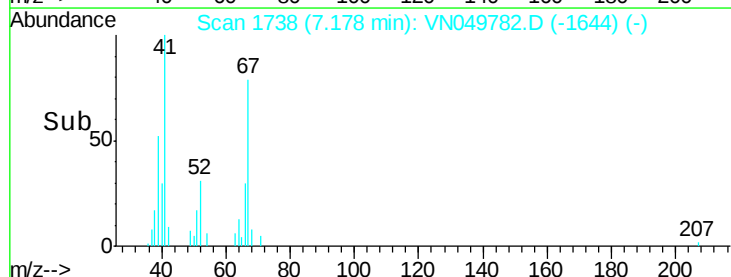
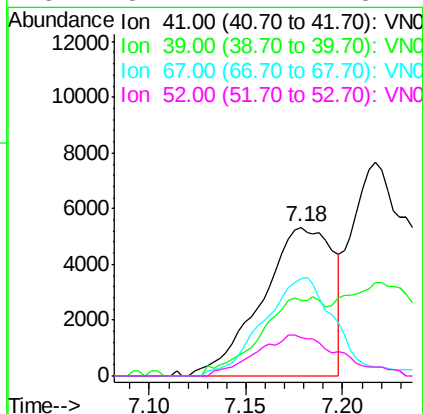
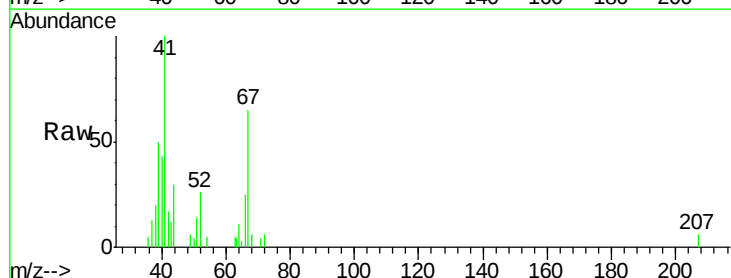
Ion Ratio Lower Upper

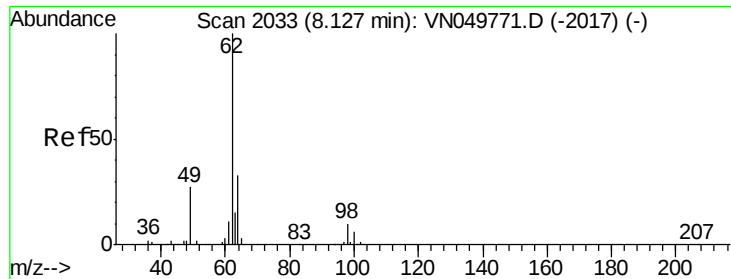
41 100

39 31.7 45.4 68.2#

67 67.4 65.4 98.0

52 32.7 24.7 37.1





#42

1,2-Dichloroethane

Concen: 2.198 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. -0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

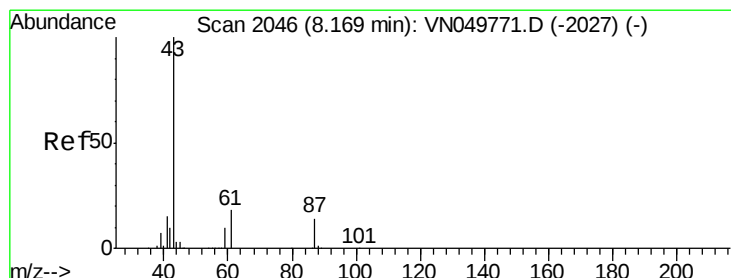
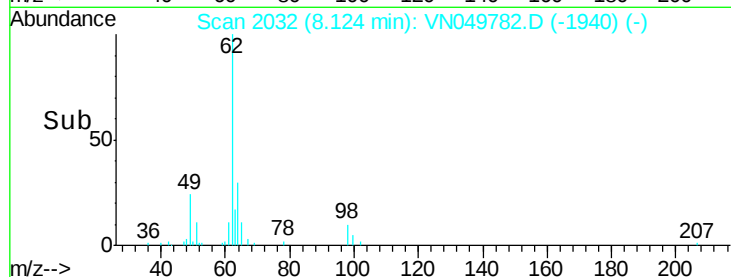
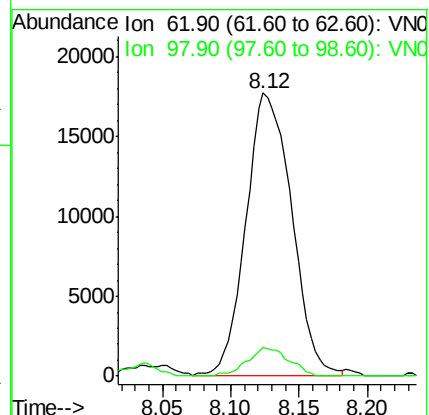
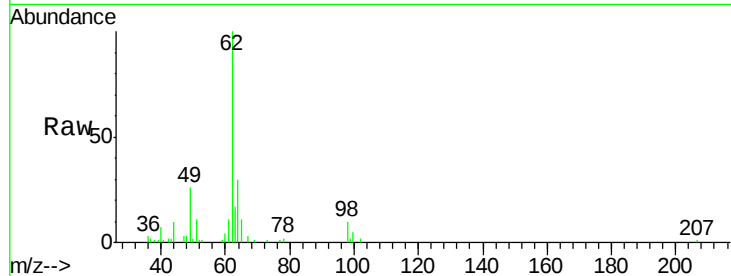
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 62 Resp: 41360

Ion Ratio Lower Upper

62 100

98 9.0 0.0 19.0



#43

Isopropyl Acetate

Concen: 1.914 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

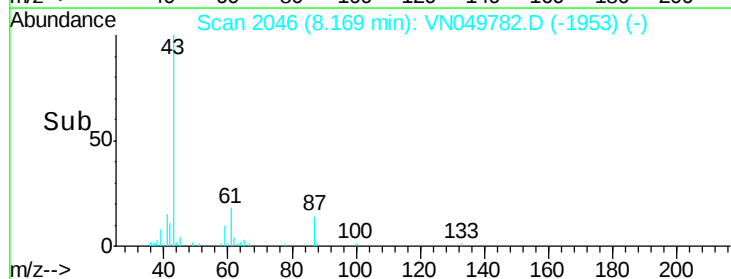
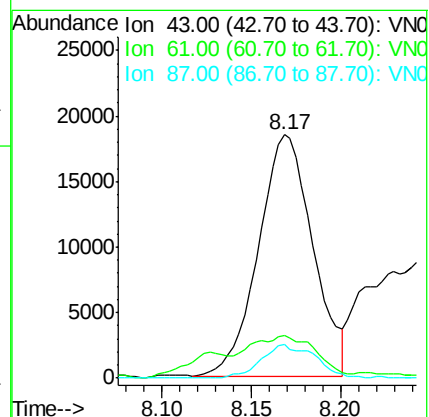
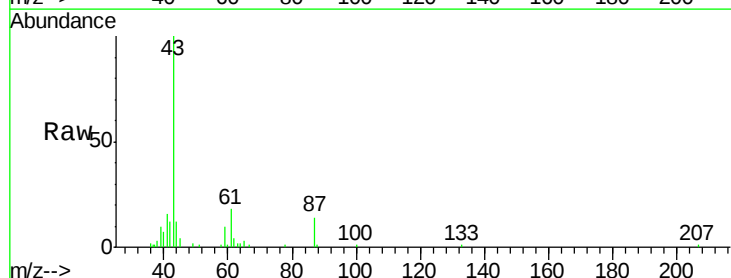
Tgt Ion: 43 Resp: 39155

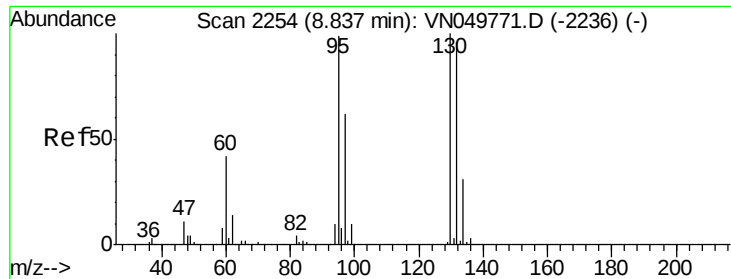
Ion Ratio Lower Upper

43 100

61 20.1 14.9 22.3

87 13.9 10.0 15.0





#44

Trichloroethene

Concen: 2.112 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

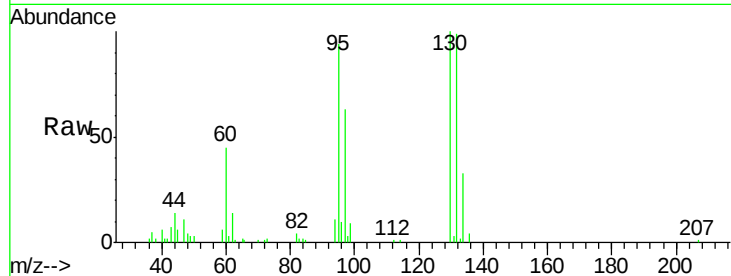
ClientSampled :

Tot Ion:130 Resp: 32718

Ion Ratio Lower Upper

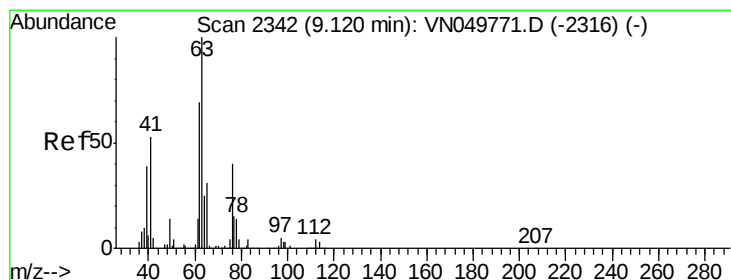
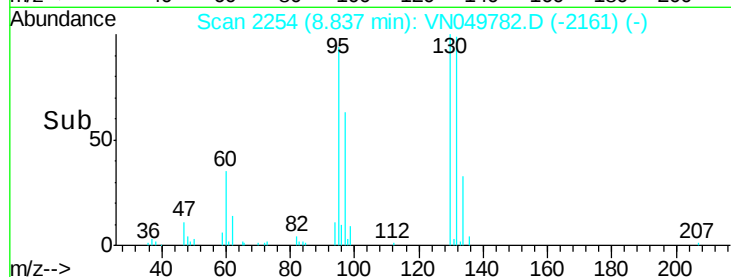
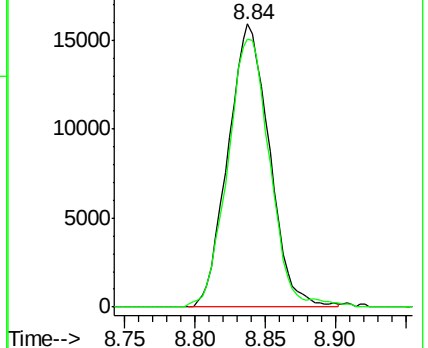
130 100

95 93.5 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO



#45

1,2-Dichloropropane

Concen: 2.163 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049782.D

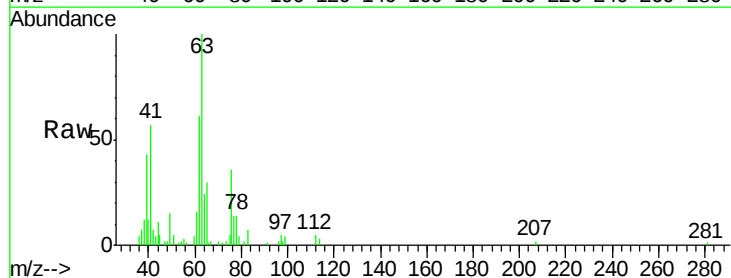
Acq: 12 Jul 2018 21:02

Tgt Ion: 63 Resp: 33444

Ion Ratio Lower Upper

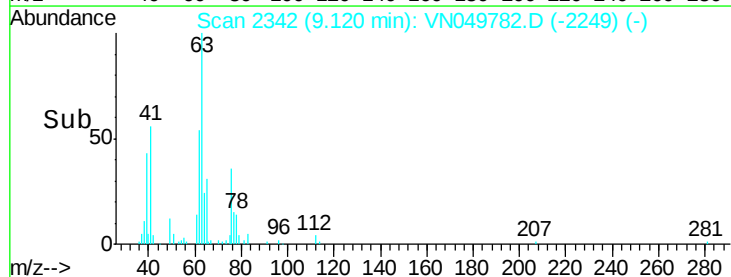
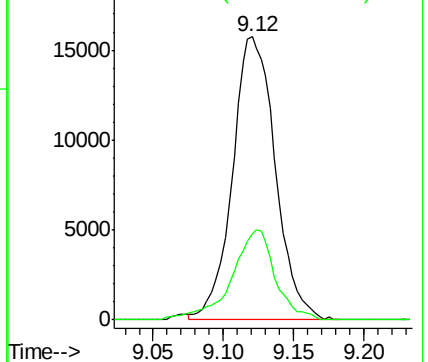
63 100

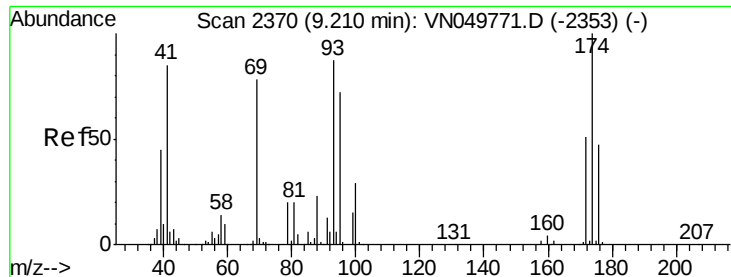
65 30.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO





#46

Dibromomethane

Concen: 2.219 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :
MSVOA_N
ClientSampled :

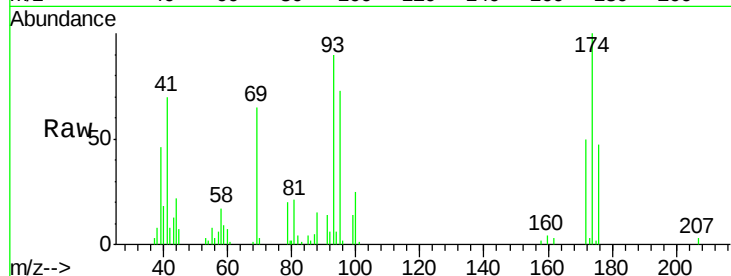
Tot Ion: 93 Resp: 20375

Ion Ratio Lower Upper

93 100

95 81.9 67.9 101.9

174 106.6 89.4 134.0

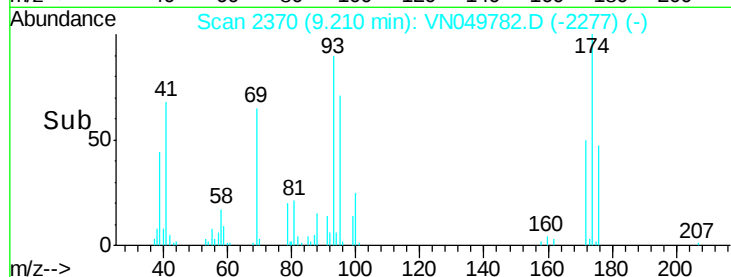


Abundance Ion 92.80 (92.50 to 93.50): VN049782.D (-2277) (-)

Ion 94.80 (94.50 to 95.50): VN049782.D (-2277) (-)

Ion 173.70 (173.40 to 174.40): VN049782.D (-2277) (-)

Time-->

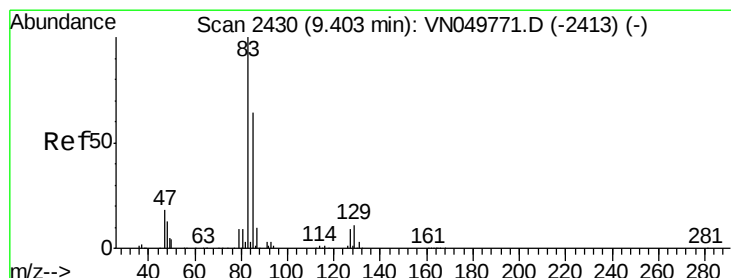


Abundance Ion 92.80 (92.50 to 93.50): VN049782.D (-2277) (-)

Ion 94.80 (94.50 to 95.50): VN049782.D (-2277) (-)

Ion 173.70 (173.40 to 174.40): VN049782.D (-2277) (-)

Time-->



#47

Bromodichloromethane

Concen: 2.004 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

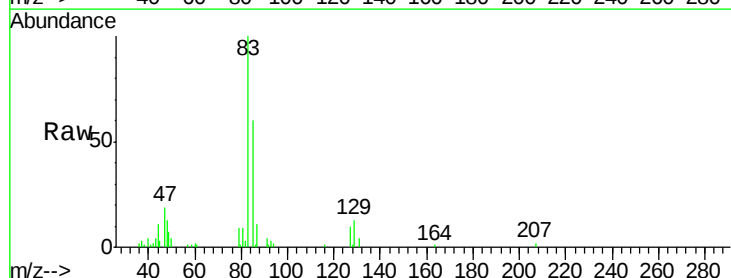
Tgt Ion: 83 Resp: 40525

Ion Ratio Lower Upper

83 100

85 60.4 50.5 75.7

127 9.9 6.8 10.2

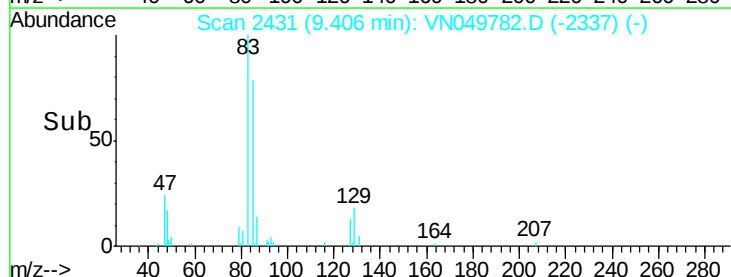


Abundance Ion 82.90 (82.60 to 83.60): VN049782.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049782.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049782.D (-2337) (-)

Time-->

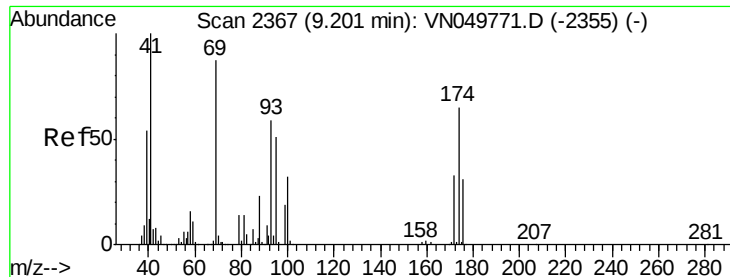


Abundance Ion 82.90 (82.60 to 83.60): VN049782.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049782.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049782.D (-2337) (-)

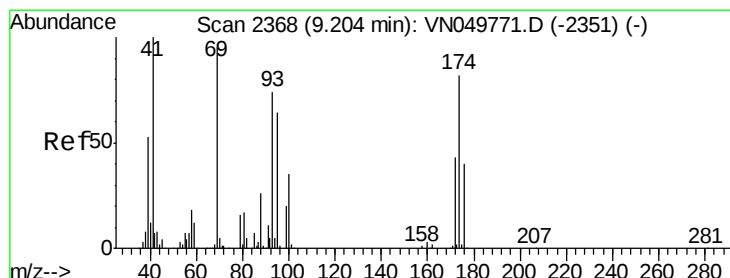
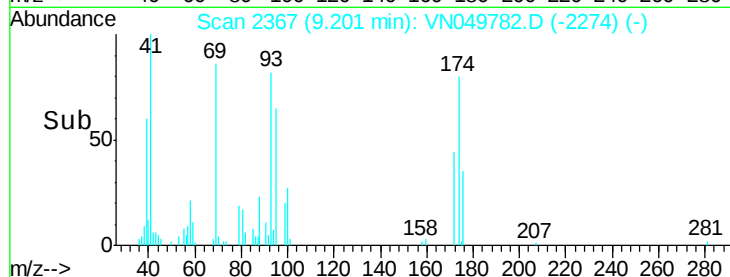
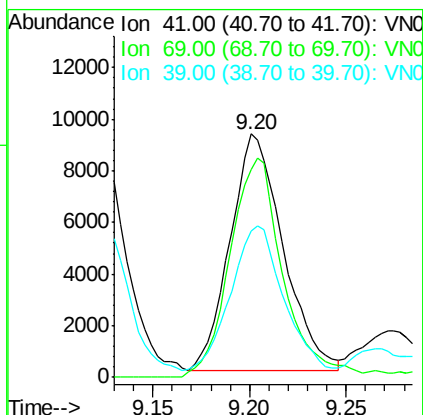
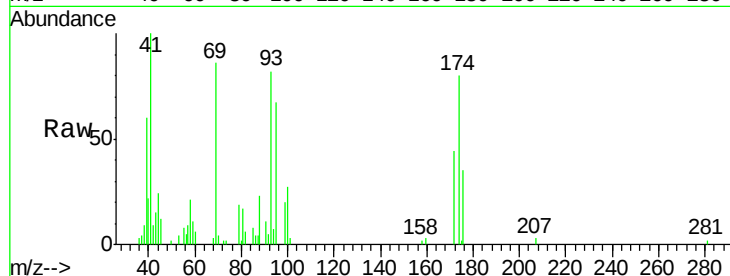
Time-->



#48
Methvl methacrylate
Concen: 1.709 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

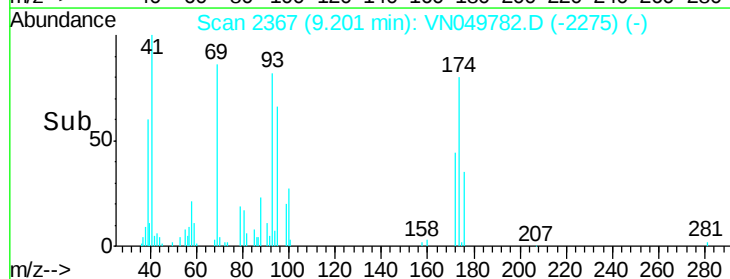
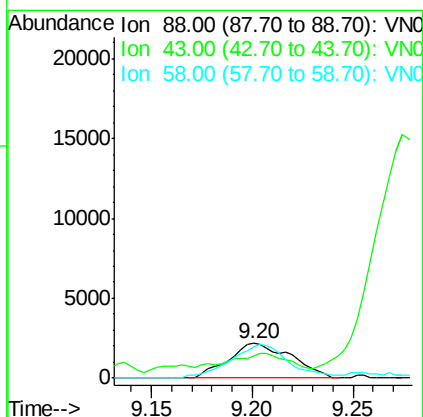
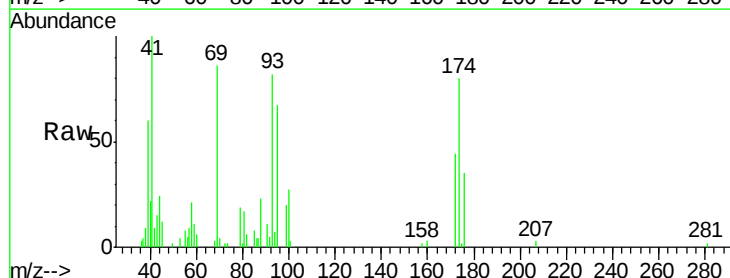
Instrument :
MSVOA_N
ClientSampled :

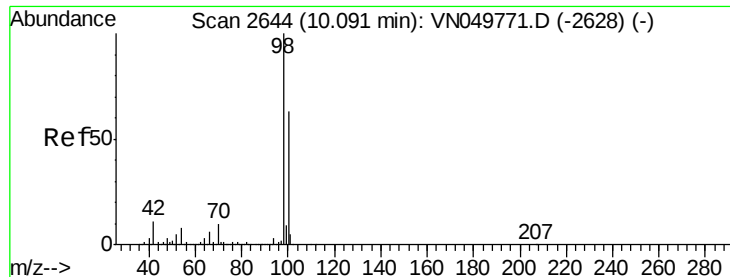
Tot Ion: 41 Resp: 17488
Ion Ratio Lower Upper
41 100
69 92.5 71.5 107.3
39 67.2 44.7 67.1#



#49
1,4-Dioxane
Concen: 35.056 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Tgt Ion: 88 Resp: 4699
Ion Ratio Lower Upper
88 100
43 42.1 25.1 37.7#
58 90.5 52.5 78.7#

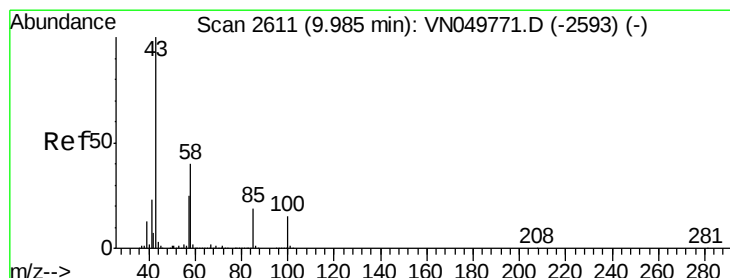
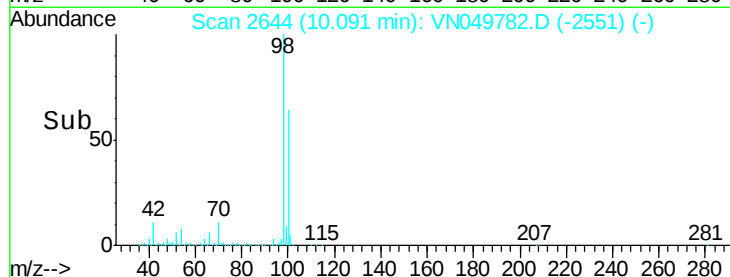
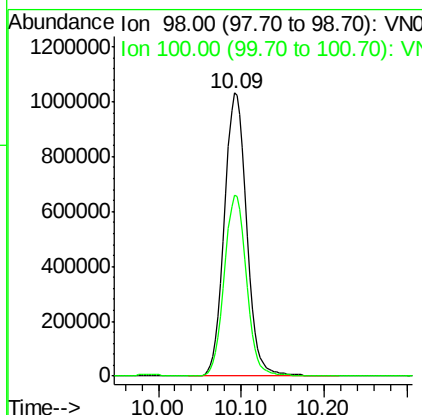
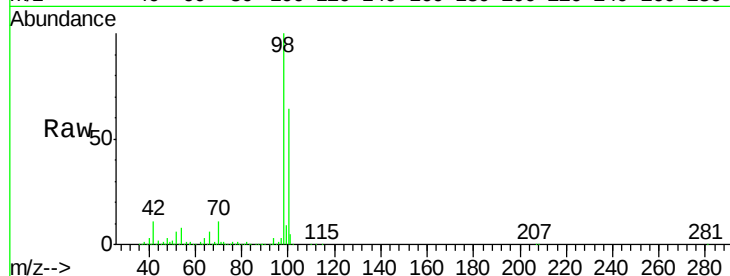




#50
Toluene-d8
Concen: 44.879 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

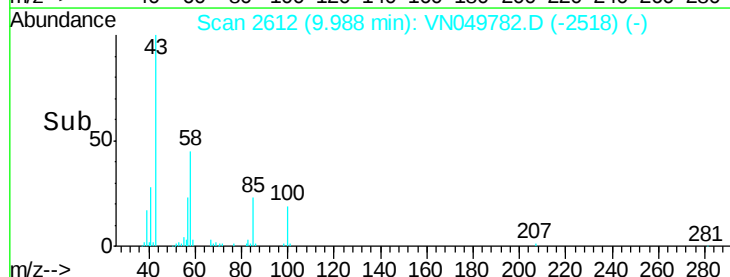
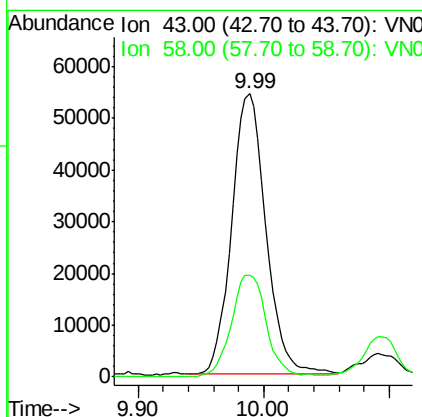
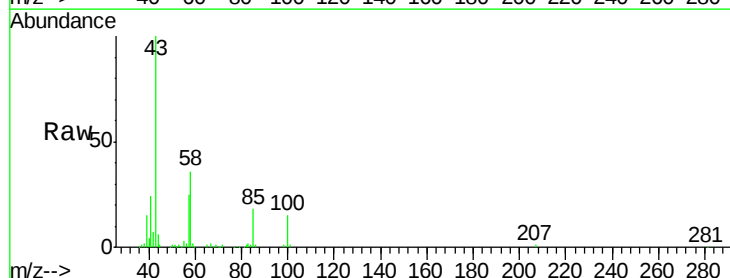
Instrument :
MSVOA_N
ClientSampled :

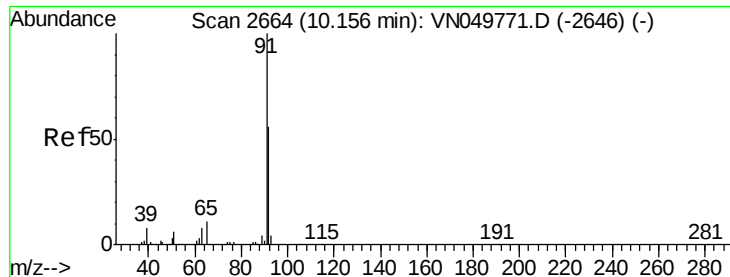
Tot Ion: 98 Resp: 1932494
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 9.249 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Tgt Ion: 43 Resp: 102756
Ion Ratio Lower Upper
43 100
58 37.0 31.8 47.8





#52

Toluene

Concen: 2.080 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

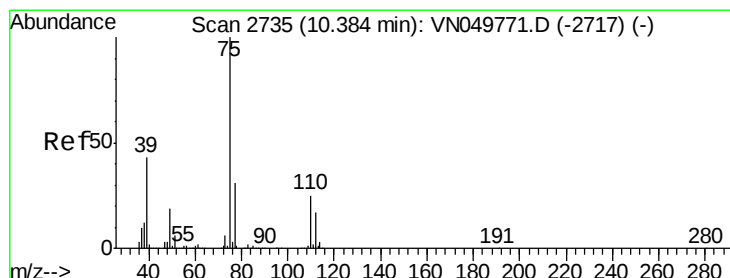
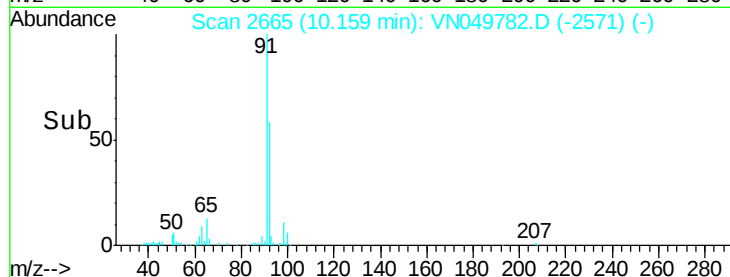
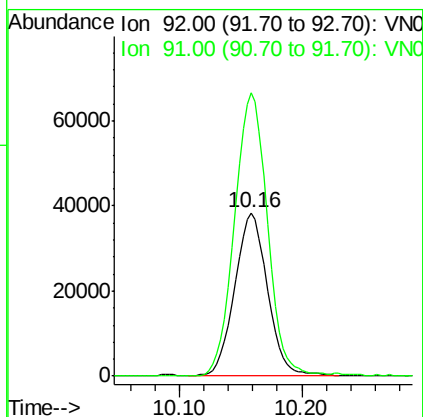
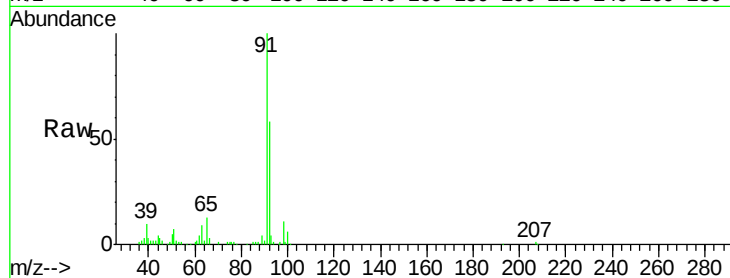
ClientSampled :

Tot Ion: 92 Resp: 71614

Ion Ratio Lower Upper

92 100

91 173.2 140.1 210.1



#53

t-1,3-Dichloropropene

Concen: 1.785 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049782.D

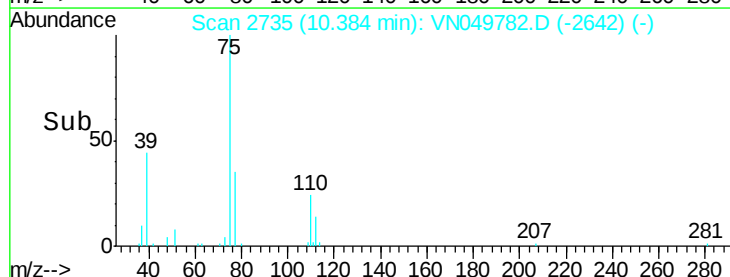
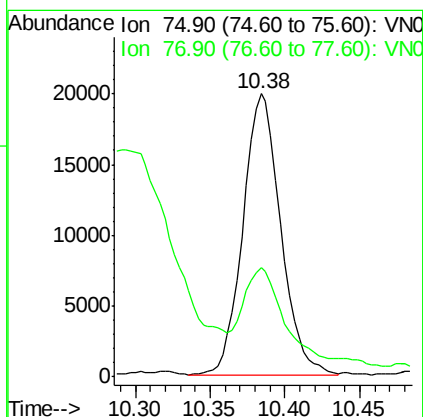
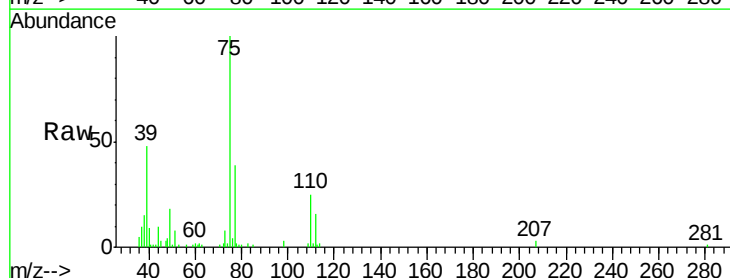
Acq: 12 Jul 2018 21:02

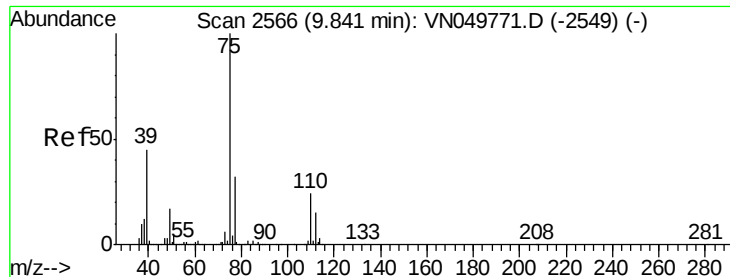
Tgt Ion: 75 Resp: 34711

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8



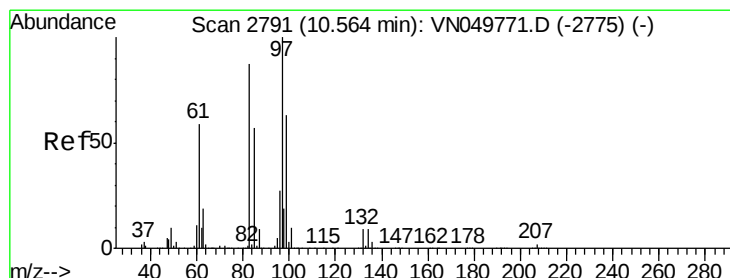
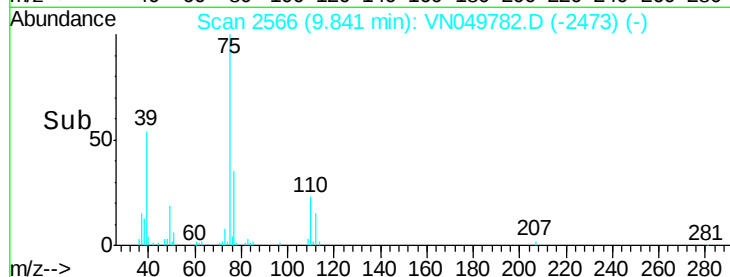
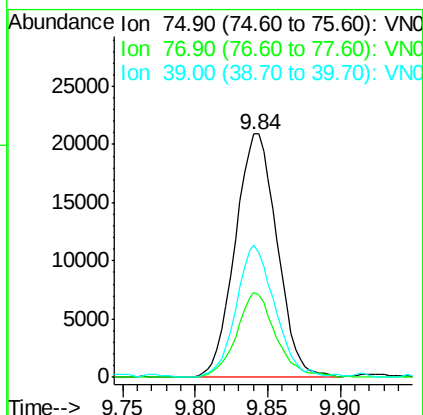
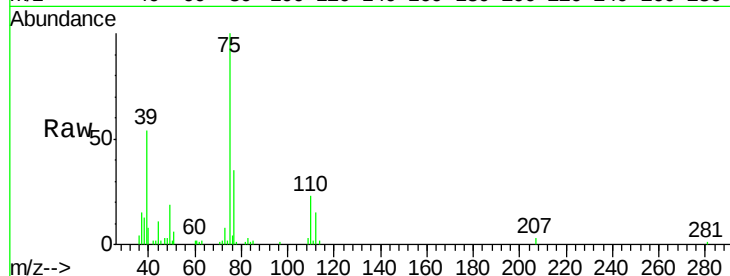


#54

cis-1,3-Dichloropropene
Concen: 1.901 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Instrument :
MSVOA_N
ClientSampleId :

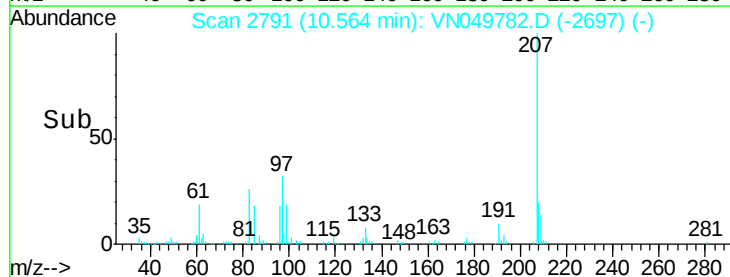
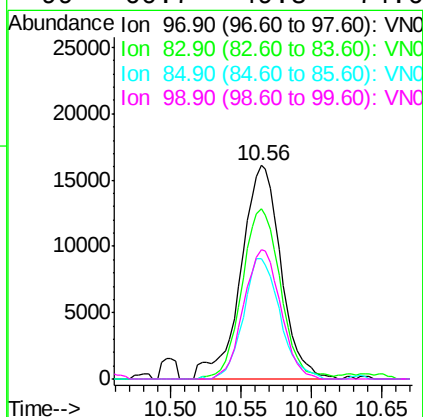
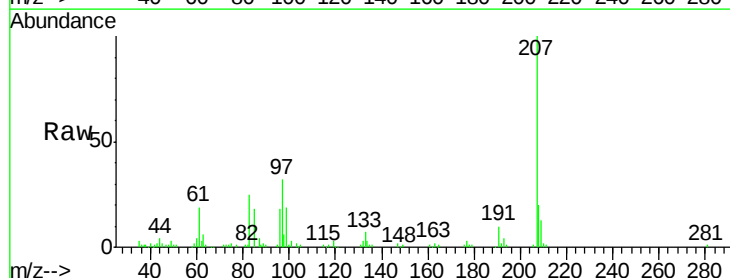
Tot Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.3	37.9
39	54.4	35.5	53.3#

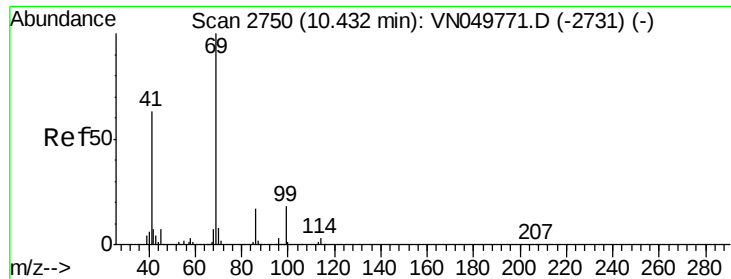


#55

1,1,2-Trichloroethane
Concen: 1.803 ug/l
RT: 10.56 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.6	69.0	103.6
85	56.5	44.9	67.3
99	60.7	49.8	74.6

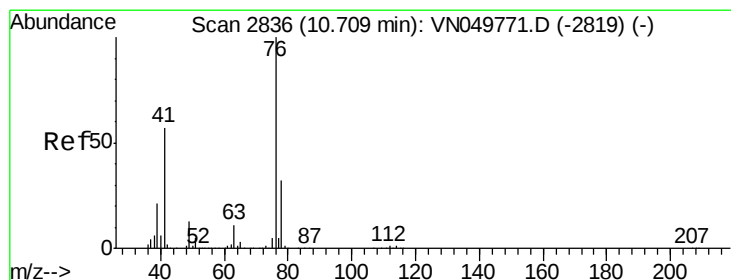
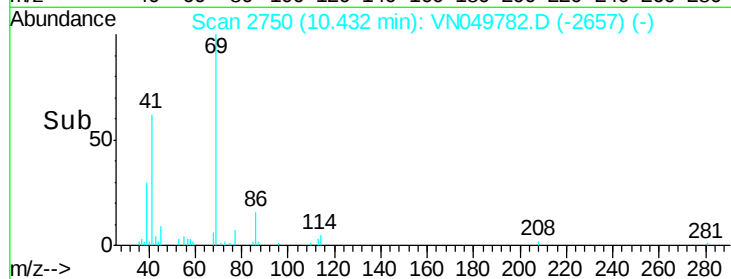
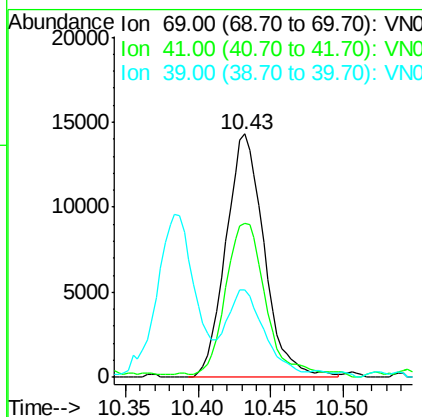
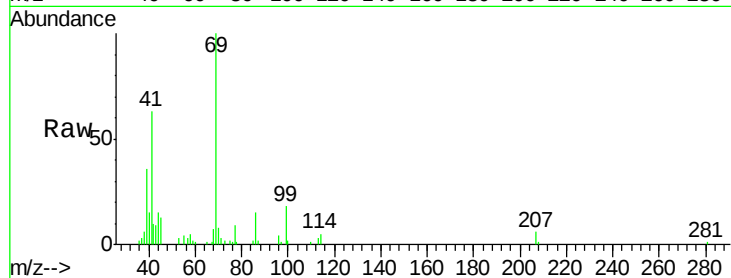




#56
Ethyl methacrylate
Concen: 1.687 ug/l
RT: 10.43 min Scan# 2750
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

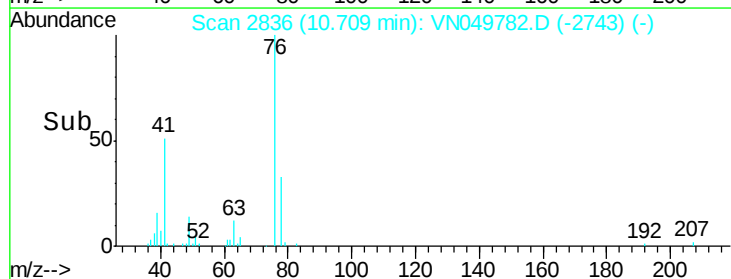
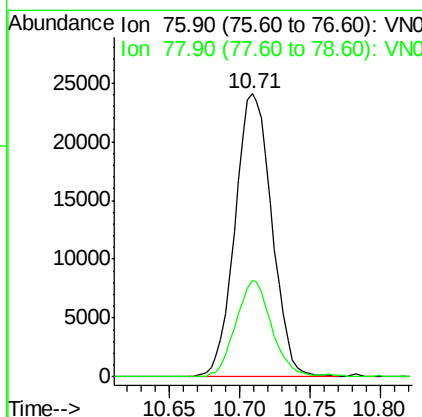
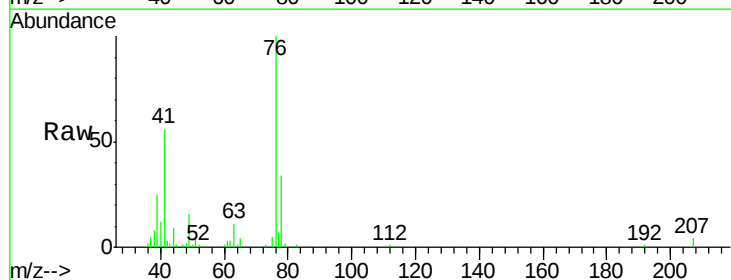
Instrument :
MSVOA_N
ClientSampled :

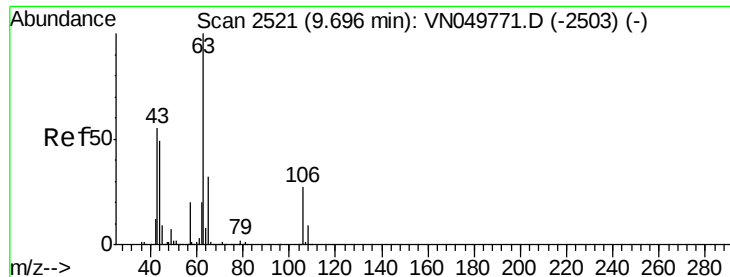
Tot Ion	69	Resp	26223
Ion	Ratio	Lower	Upper
69	100		
41	63.6	51.6	77.4
39	31.8	25.8	38.8



#57
1,3-Dichloropropane
Concen: 2.007 ug/l
RT: 10.71 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Tgt Ion	76	Resp	44025
Ion	Ratio	Lower	Upper
76	100		
78	33.3	25.8	38.8





#58

2-Chloroethyl Vinyl ether

Concen: 7.535 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

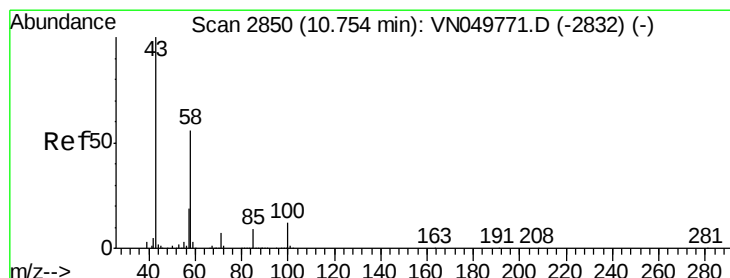
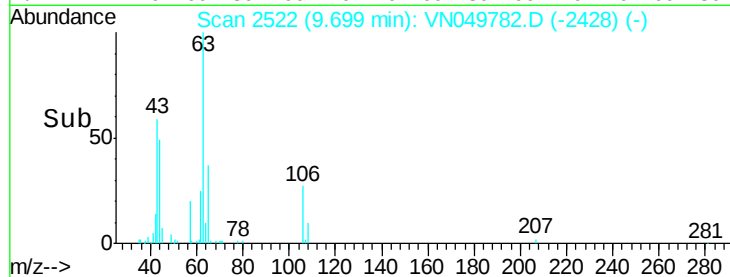
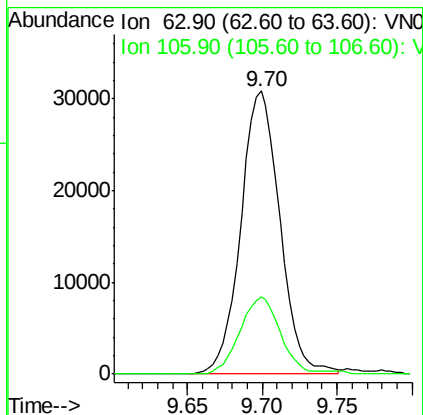
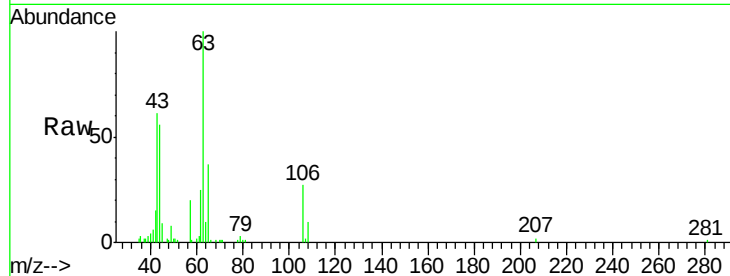
ClientSampleId :

Tot Ion: 63 Resp: 56163

Ion Ratio Lower Upper

63 100

106 28.2 21.8 32.8



#59

2-Hexanone

Concen: 8.566 ug/l

RT: 10.76 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VN049782.D

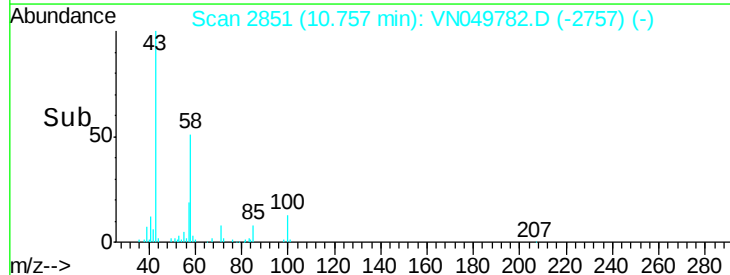
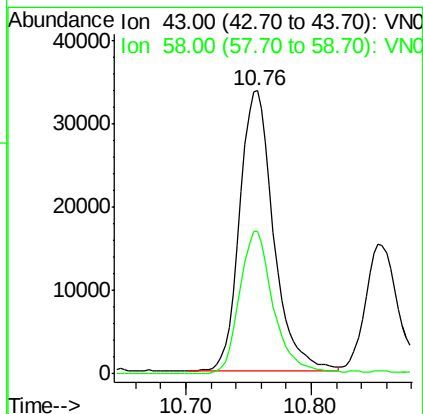
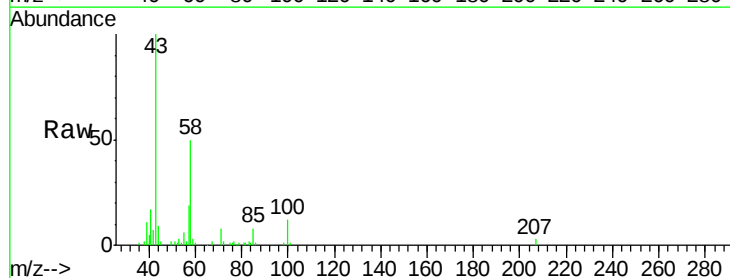
Acq: 12 Jul 2018 21:02

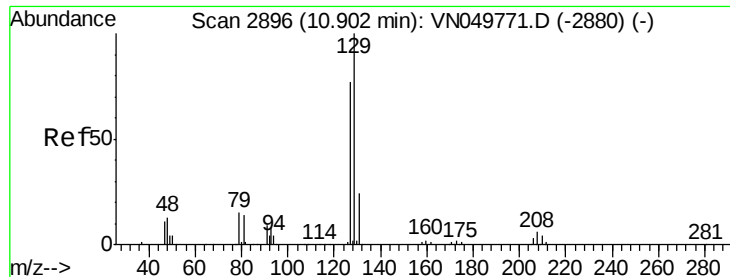
Tgt Ion: 43 Resp: 63262

Ion Ratio Lower Upper

43 100

58 50.9 27.8 83.4





#60

Dibromochloromethane

Concen: 1.904 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

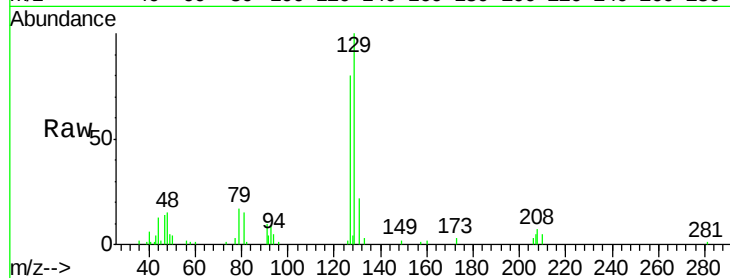
ClientSampled :

Tot Ion:129 Resp: 28720

Ion Ratio Lower Upper

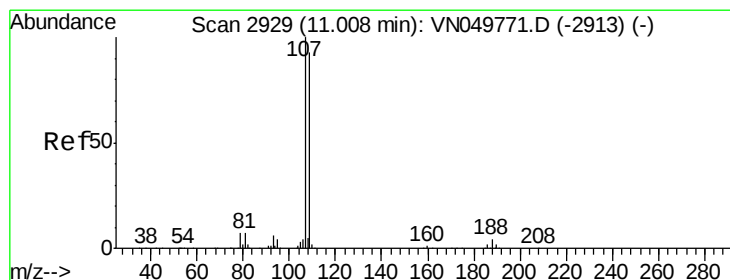
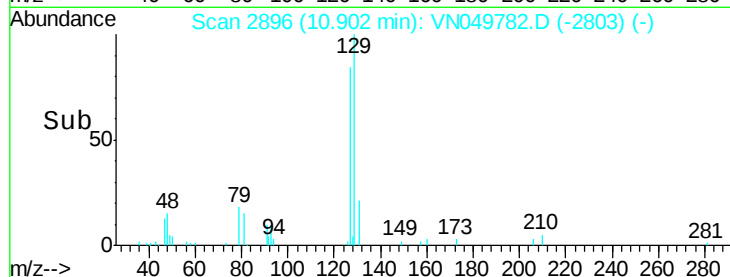
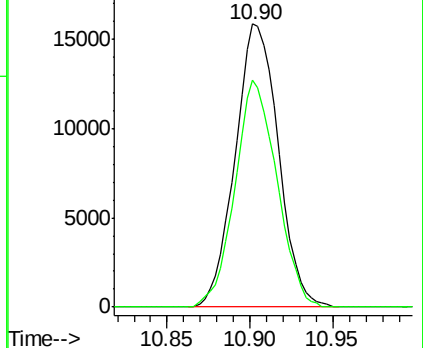
129 100

127 77.6 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.976 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049782.D

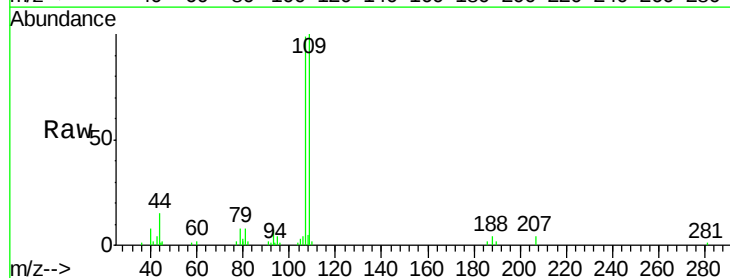
Acq: 12 Jul 2018 21:02

Tgt Ion:107 Resp: 24759

Ion Ratio Lower Upper

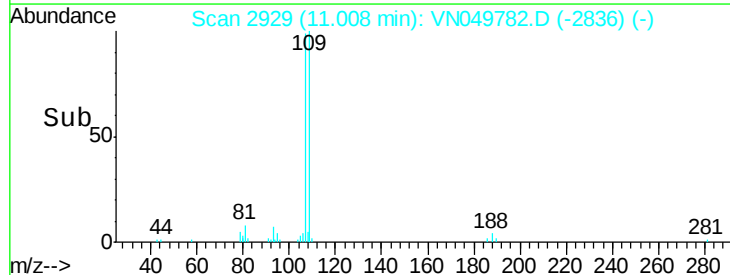
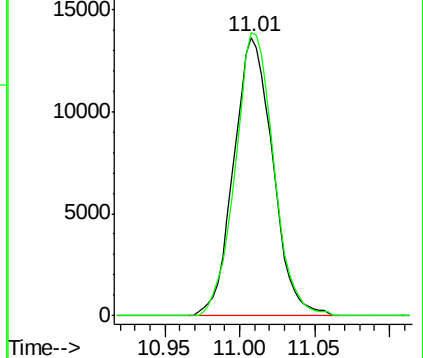
107 100

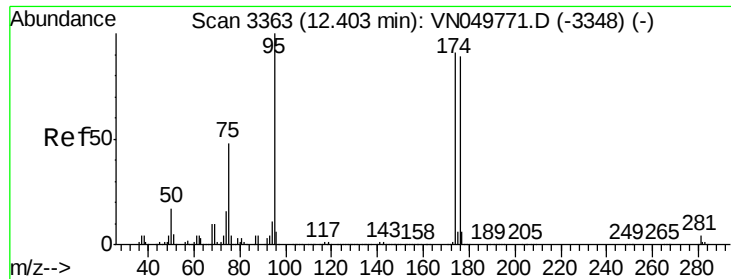
109 100.1 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

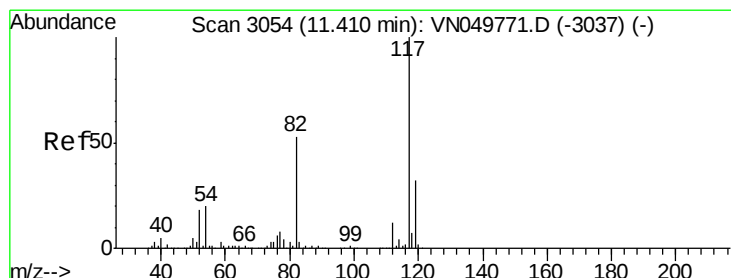
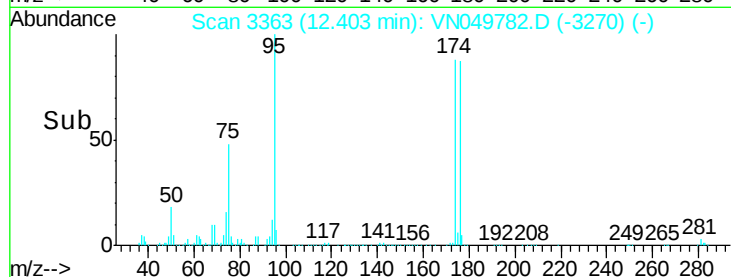
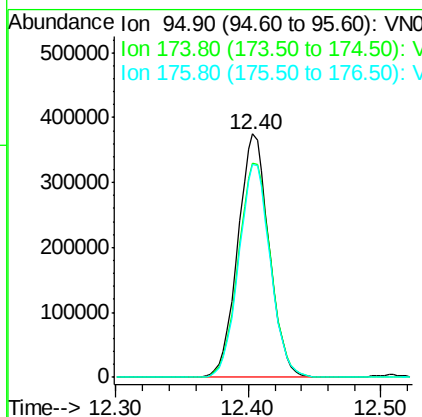
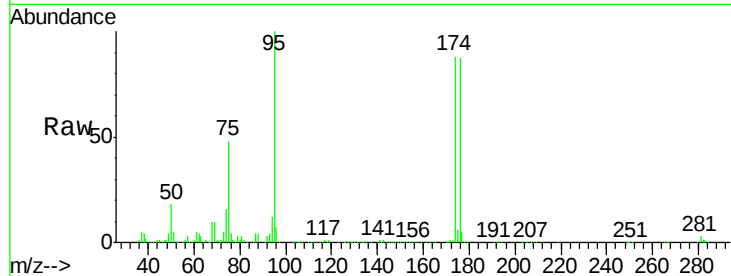




#62
4-Bromofluorobenzene
Concen: 39.773 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

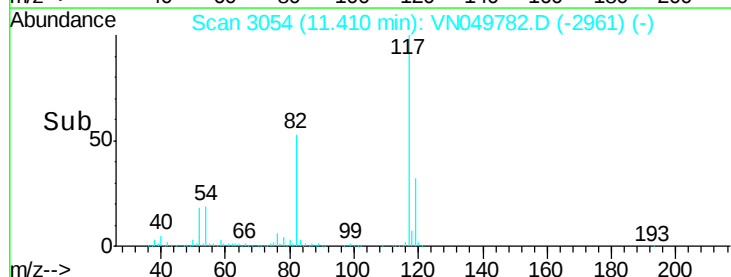
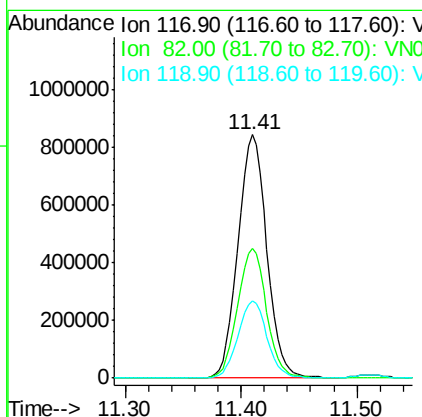
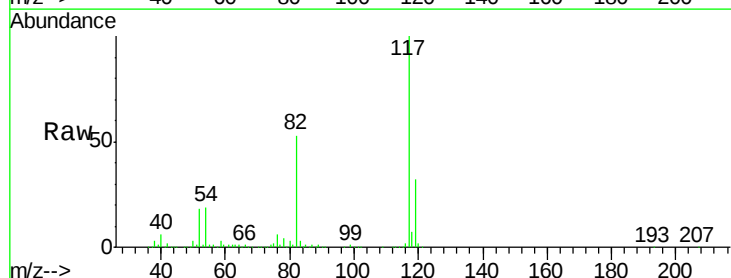
Instrument :
MSVOA_N
ClientSampleId :

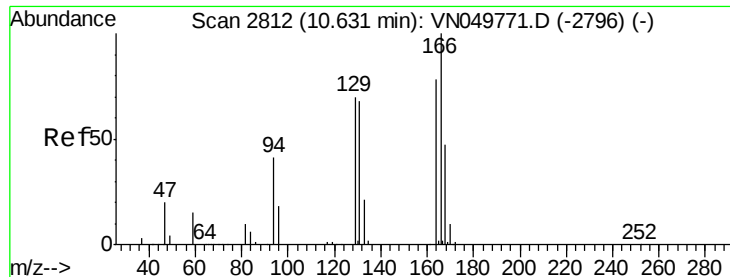
Tot Ion: 95 Resp: 611685
Ion Ratio Lower Upper
95 100
174 91.1 0.0 179.6
176 88.5 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Tgt Ion: 117 Resp: 1455987
Ion Ratio Lower Upper
117 100
82 53.4 41.9 62.9
119 31.7 25.4 38.2





#64

Tetrachloroethene

Concen: 2.344 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:164 Resp: 30981

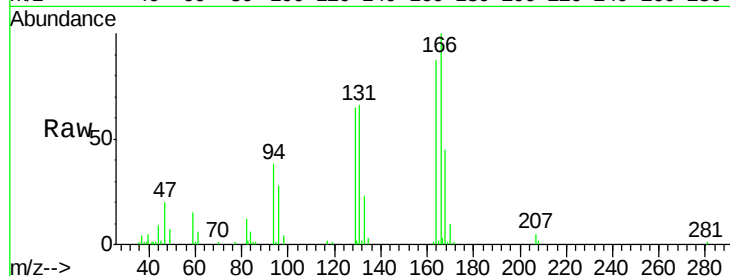
Ion Ratio Lower Upper

164 100

166 115.5 101.8 152.6

129 75.2 72.8 109.2

131 76.6 70.0 105.0

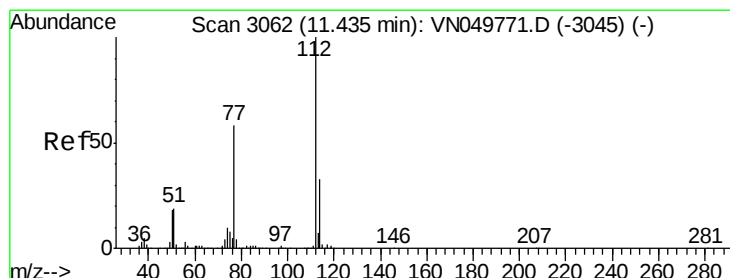
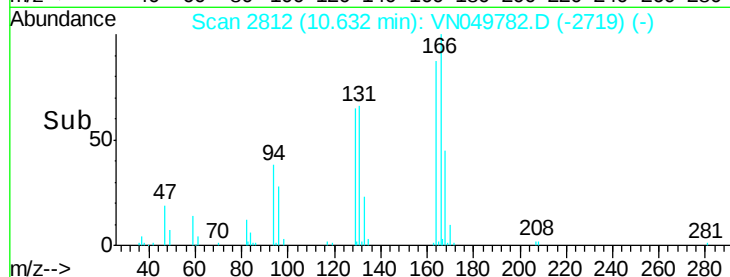
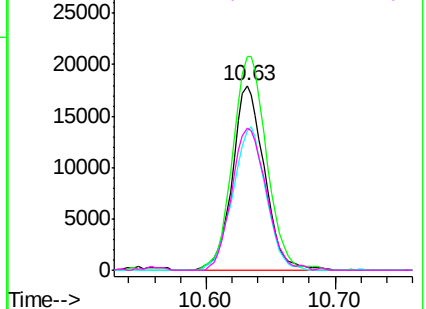


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 2.033 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049782.D

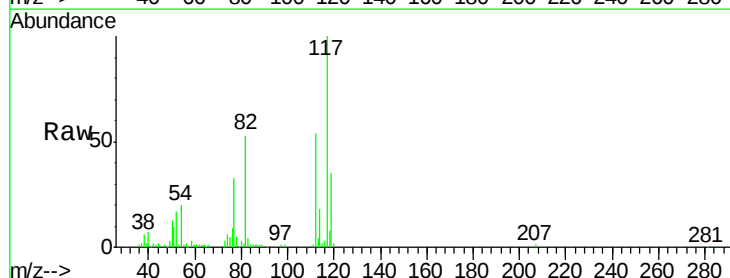
Acq: 12 Jul 2018 21:02

Tgt Ion:112 Resp: 77101

Ion Ratio Lower Upper

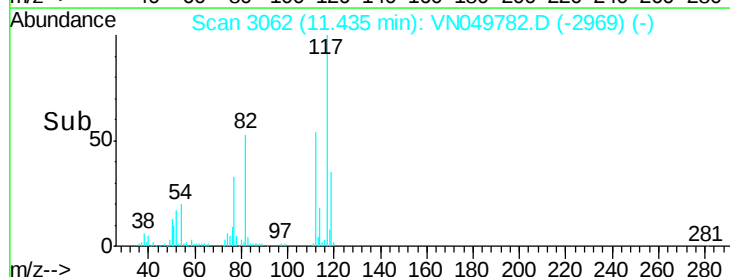
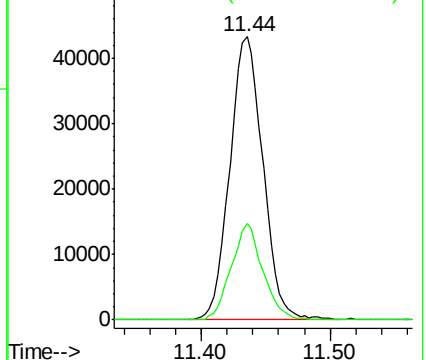
112 100

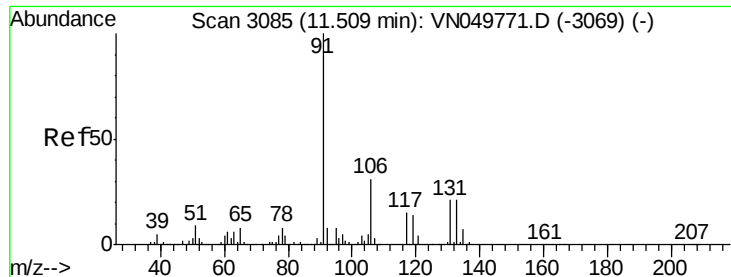
114 34.1 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 2.191 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

ClientSampleId :

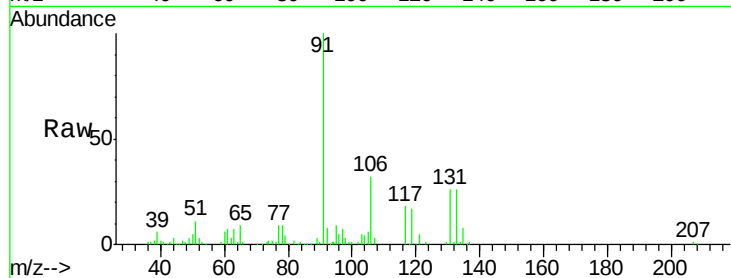
Tot Ion:131 Resp: 31264

Ion Ratio Lower Upper

131 100

133 91.6 47.5 142.6

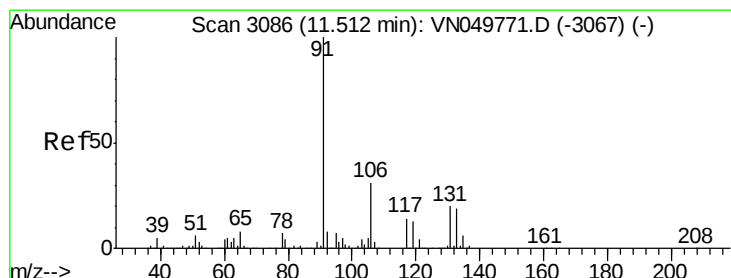
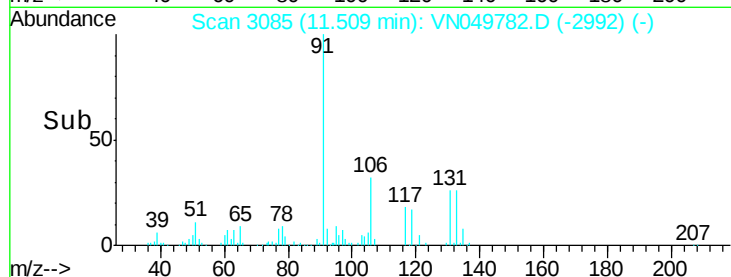
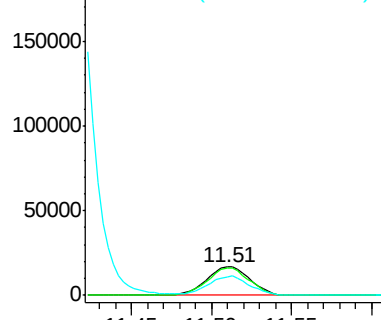
119 65.2 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 1.855 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049782.D

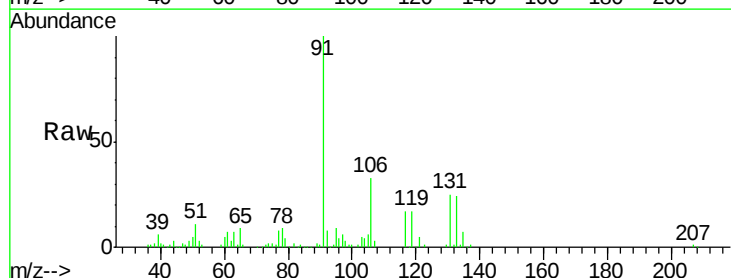
Acq: 12 Jul 2018 21:02

Tgt Ion: 91 Resp: 115238

Ion Ratio Lower Upper

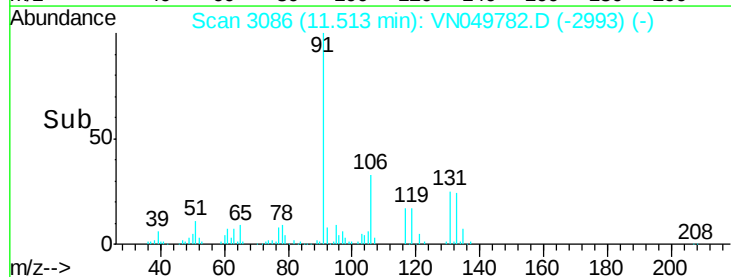
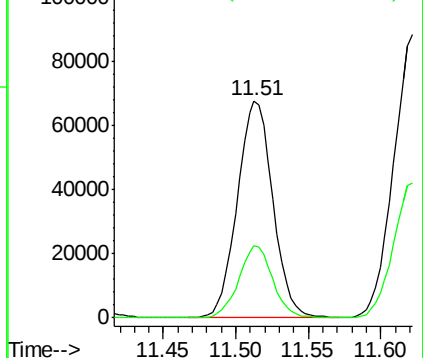
91 100

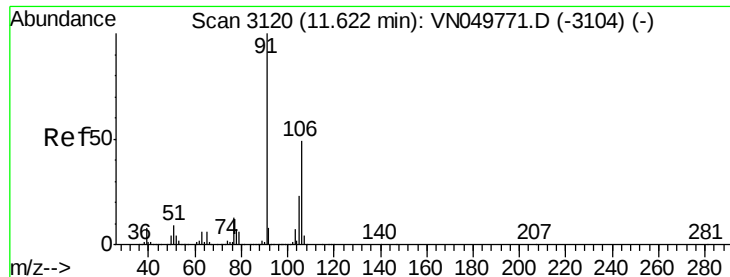
106 33.1 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

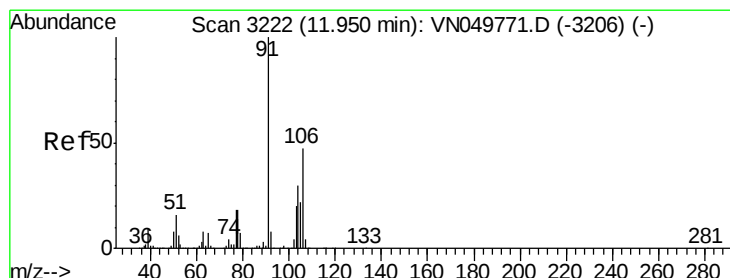
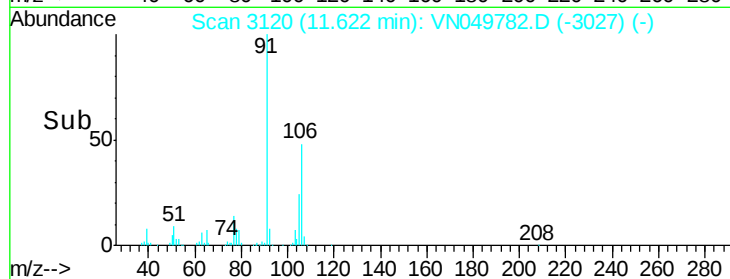
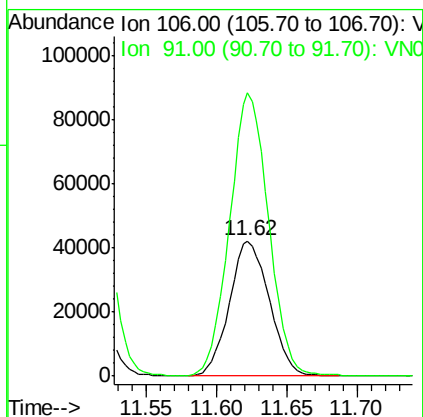
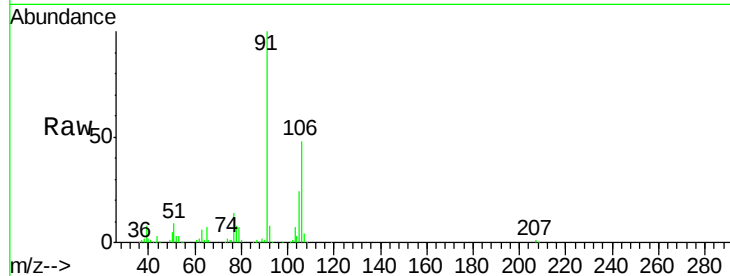




#68
m/p-Xylenes
Concen: 3.589 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

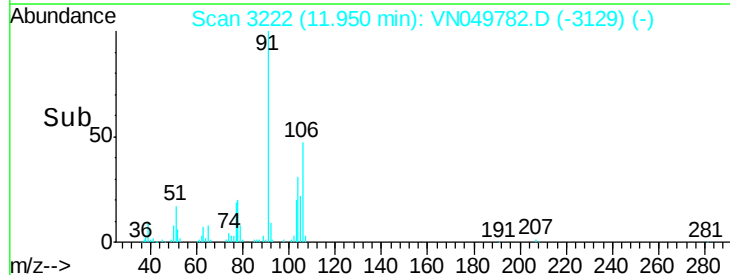
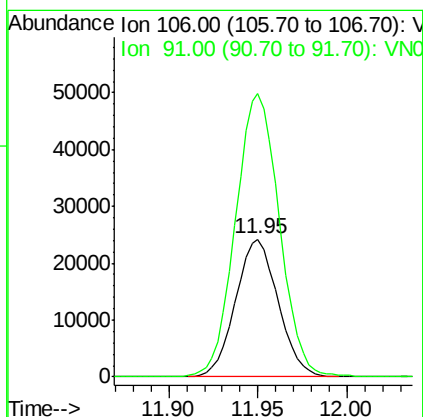
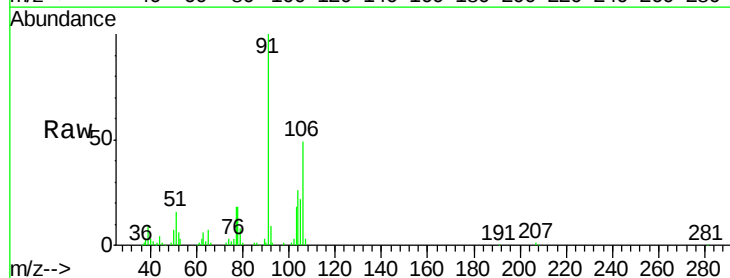
Instrument :
MSVOA_N
ClientSampleId :

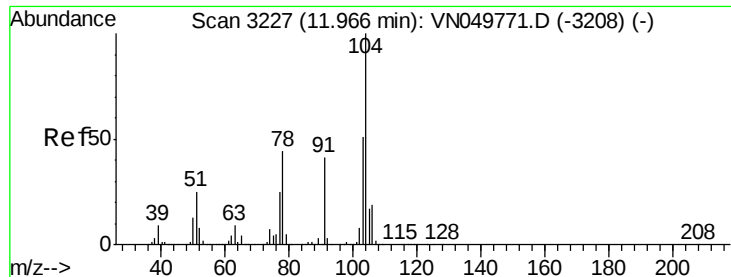
Tot Ion:106 Resp: 83677
Ion Ratio Lower Upper
106 100
91 204.5 163.4 245.2



#69
o-Xylene
Concen: 1.783 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Tgt Ion:106 Resp: 40167
Ion Ratio Lower Upper
106 100
91 212.5 108.7 326.1

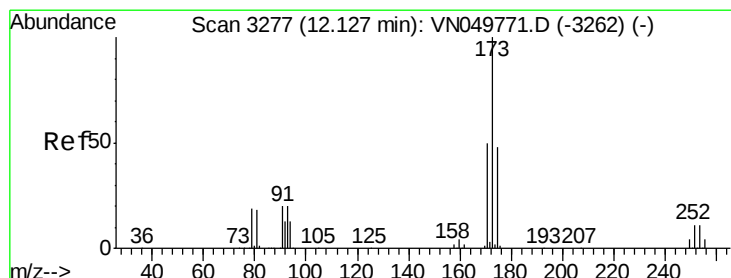
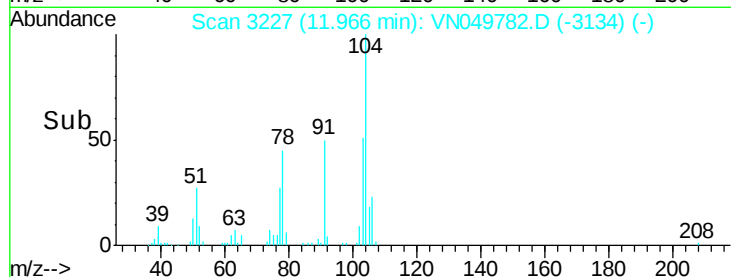
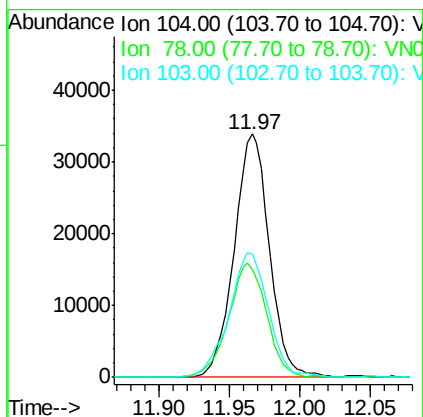
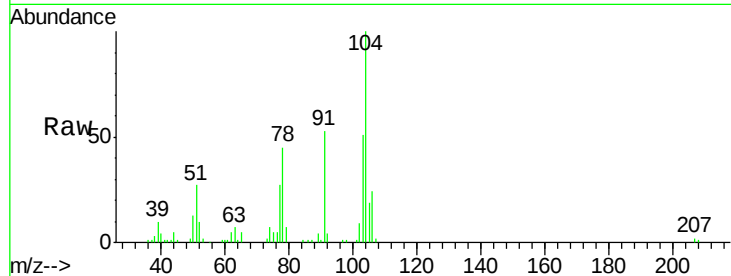




#70
Stvrene
Concen: 1.654 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

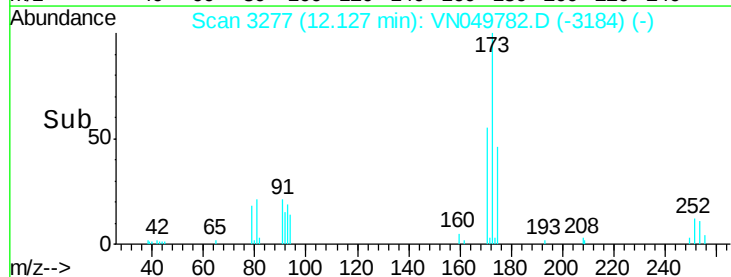
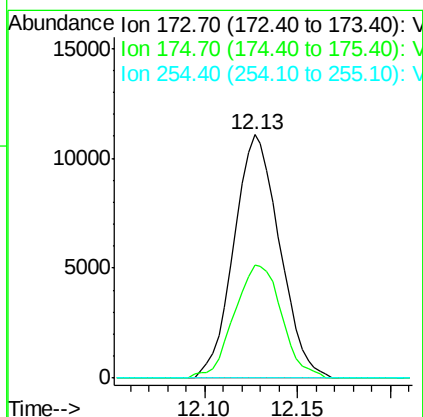
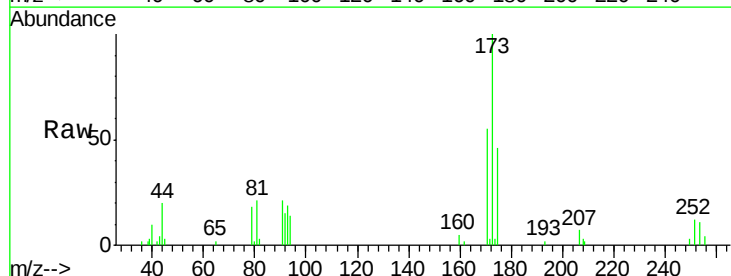
Instrument :
MSVOA_N
ClientSampleId :

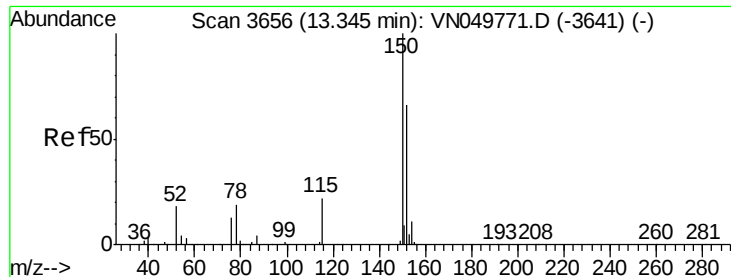
Tot Ion:104 Resp: 59162
Ion Ratio Lower Upper
104 100
78 50.6 39.2 58.8
103 57.5 44.6 67.0



#71
Bromoform
Concen: 1.962 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Tgt Ion:173 Resp: 18914
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.8
254 0.0 0.2 0.2#



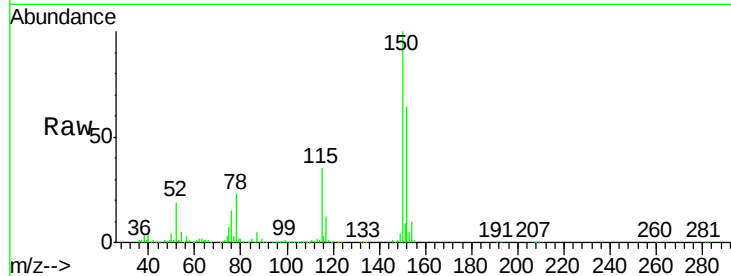


#72

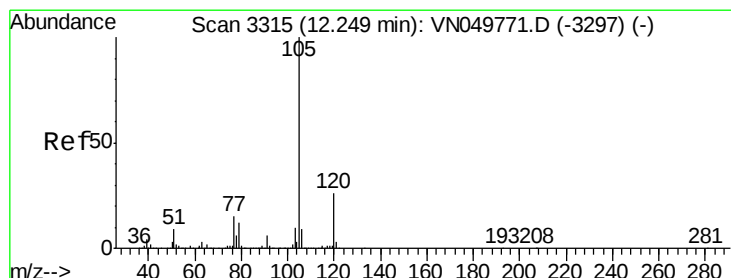
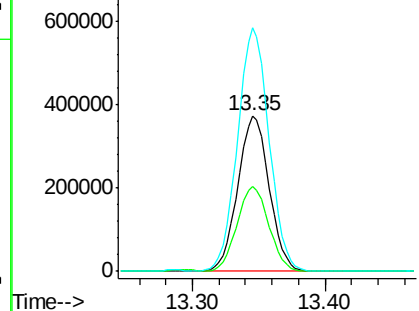
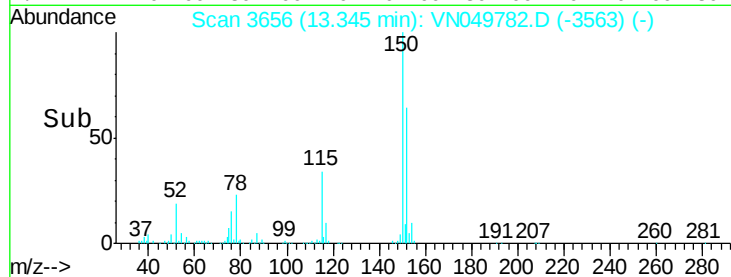
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.1	84.2
150	156.5	0.0	347.6



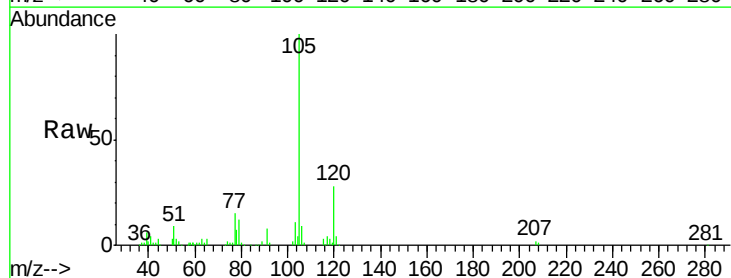
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



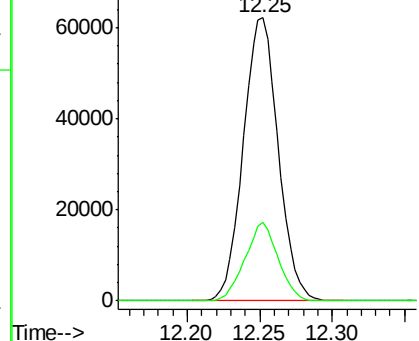
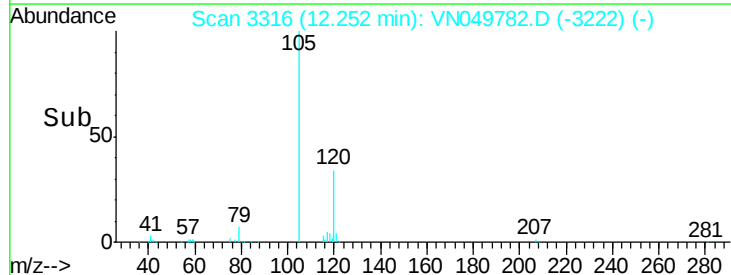
#73

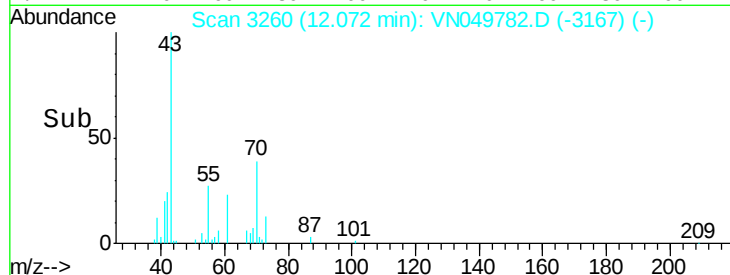
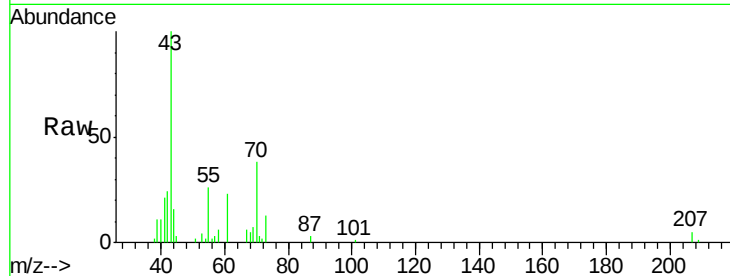
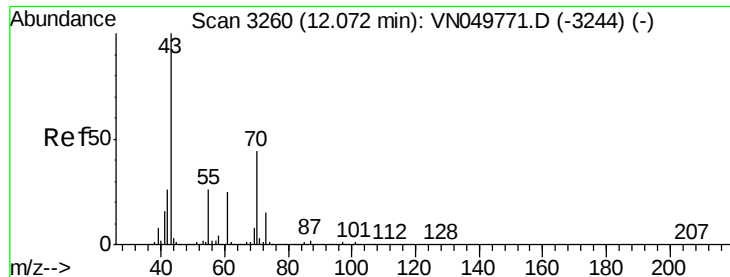
Isopropylbenzene
Concen: 2.043 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.3	39.8



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

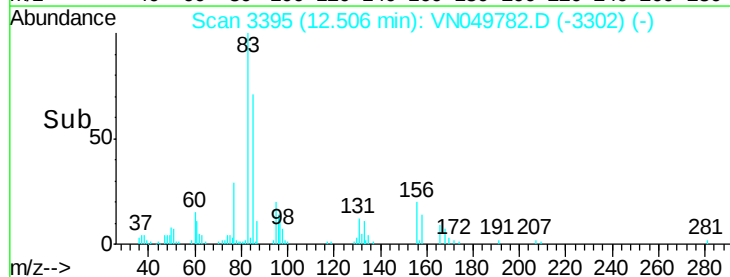
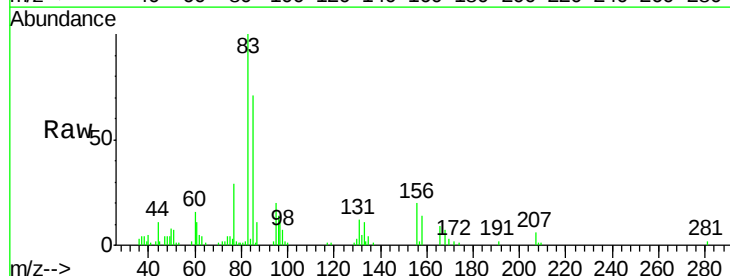
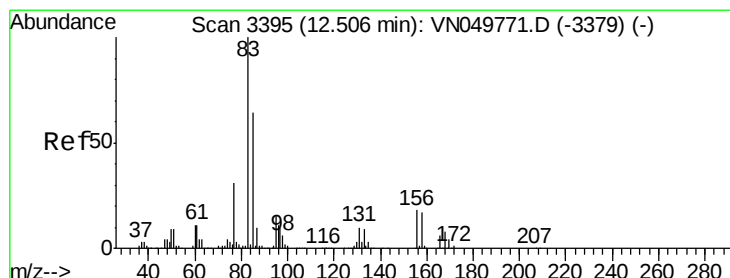
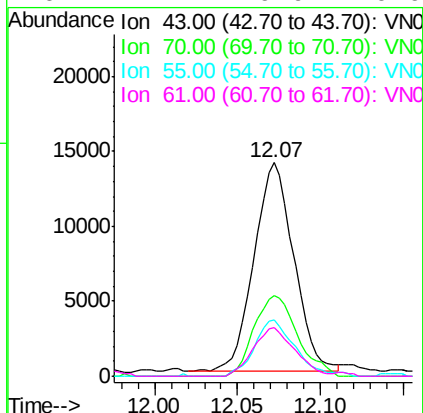




#74
N-amvl acetate
Concen: 1.762 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

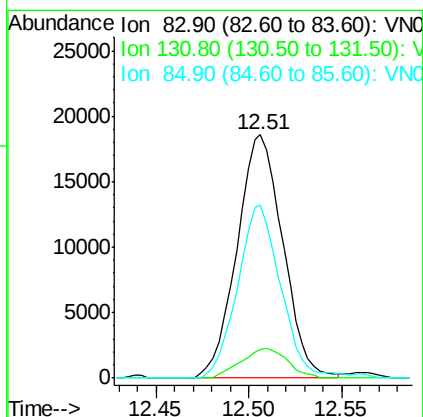
Instrument :
MSVOA_N
ClientSampleId :

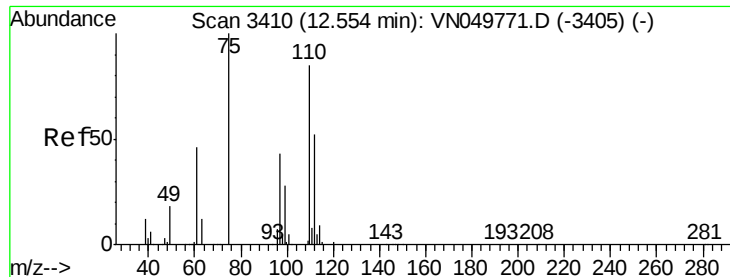
Tot Ion:	43	Resp:	23352
Ion	Ratio	Lower	Upper
43	100		
70	41.7	34.8	52.2
55	27.2	20.9	31.3
61	24.2	19.9	29.9



#75
1,1,2,2-Tetrachloroethane
Concen: 0.779 ug/l
RT: 12.51 min Scan# 3395
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Tgt Ion:	83	Resp:	31854
Ion	Ratio	Lower	Upper
83	100		
131	12.4	5.2	15.6
85	66.9	32.5	97.4





#76

1,2,3-Trichloropropane

Concen: 3.239 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

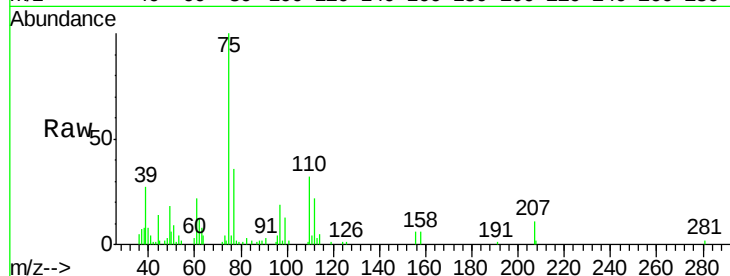
ClientSampled :

Tot Ion: 75 Resp: 35271

Ion Ratio Lower Upper

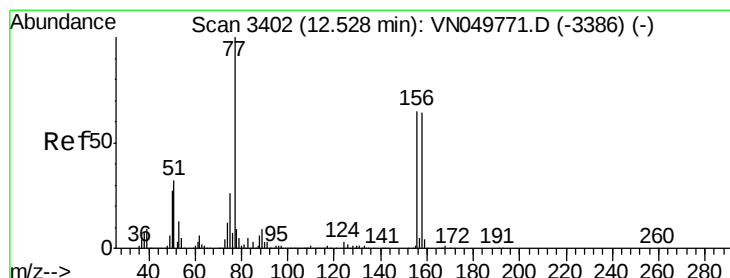
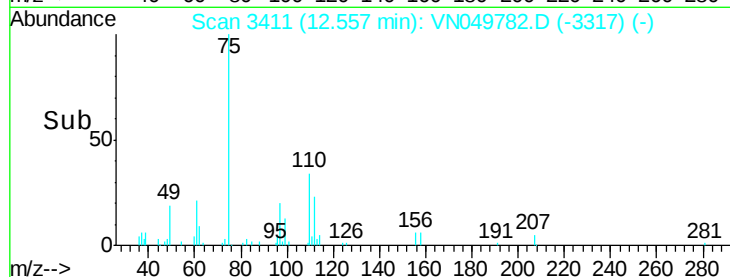
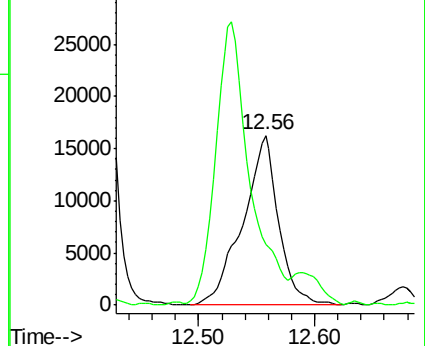
75 100

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: 2.364 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

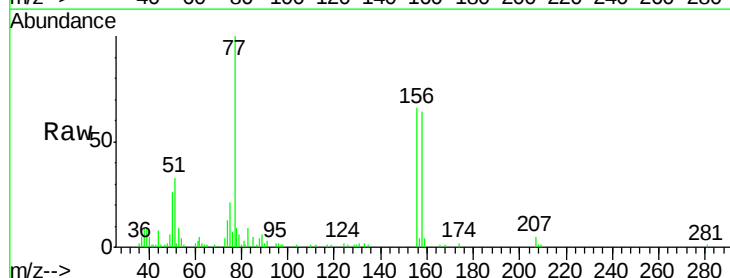
Tgt Ion: 156 Resp: 31958

Ion Ratio Lower Upper

156 100

77 172.8 90.2 270.6

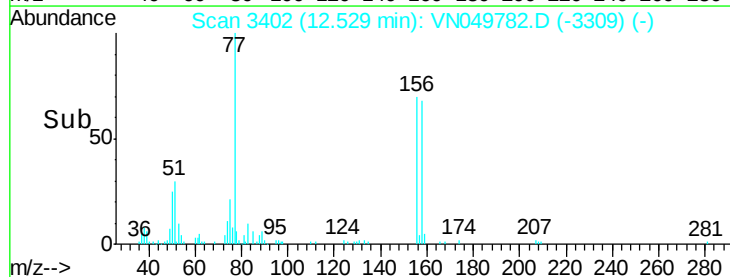
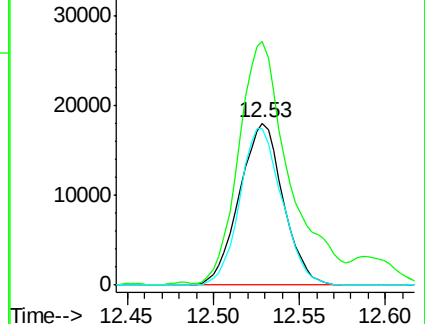
158 93.6 49.1 147.3

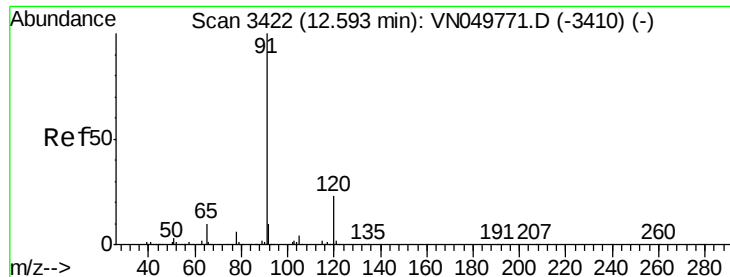


Abundance Ion 155.80 (155.50 to 156.50): VN049771.D (-3386) (-)

Ion 77.00 (76.70 to 77.70): VN049771.D (-3386) (-)

Ion 157.80 (157.50 to 158.50): VN049771.D (-3386) (-)





#78

n-propylbenzene

Concen: 2.090 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

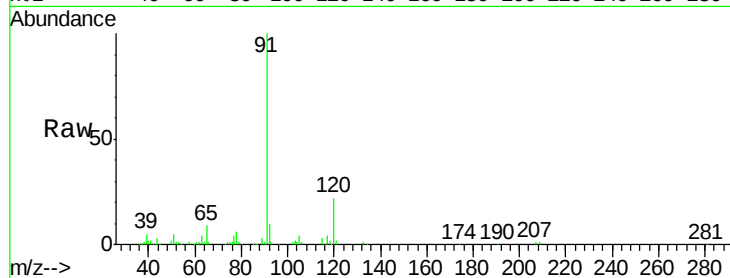
ClientSampled :

Tot Ion: 91 Resp: 120044

Ion Ratio Lower Upper

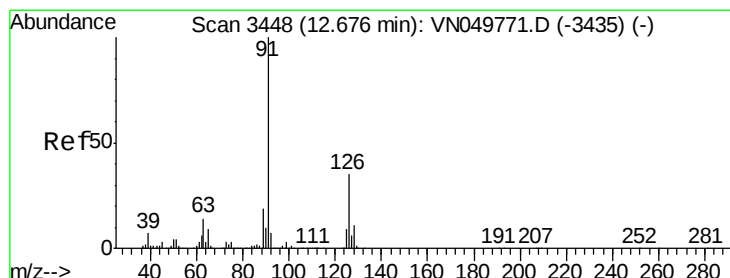
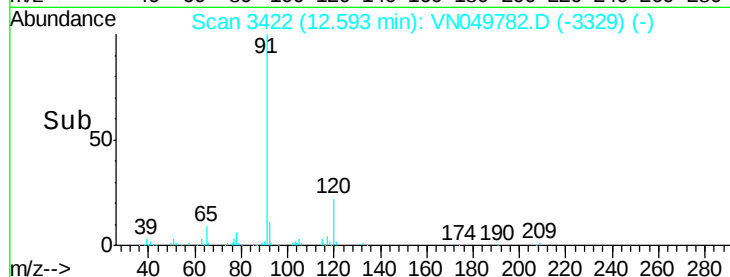
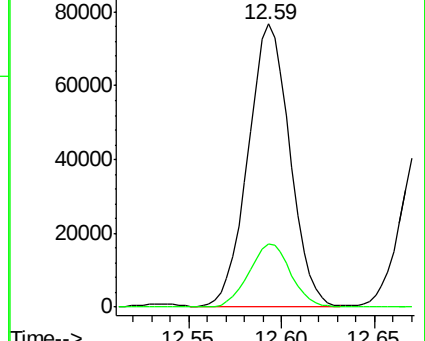
91 100

120 22.5 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: 2.273 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049782.D

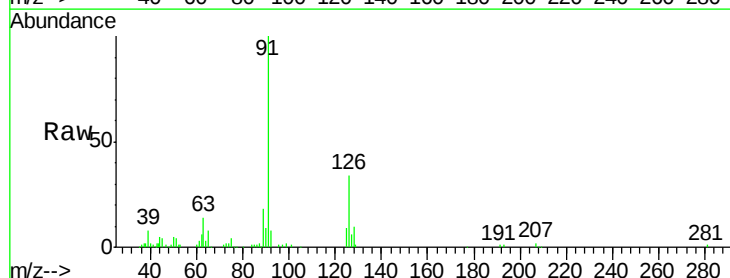
Acq: 12 Jul 2018 21:02

Tgt Ion: 91 Resp: 79915

Ion Ratio Lower Upper

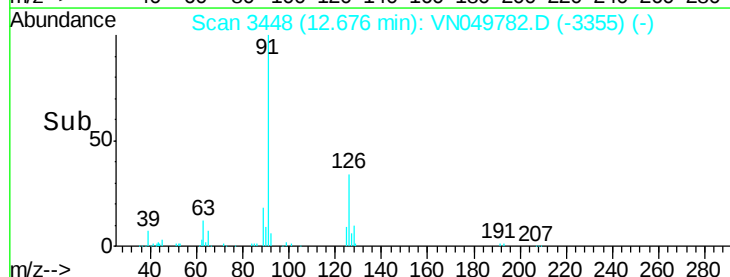
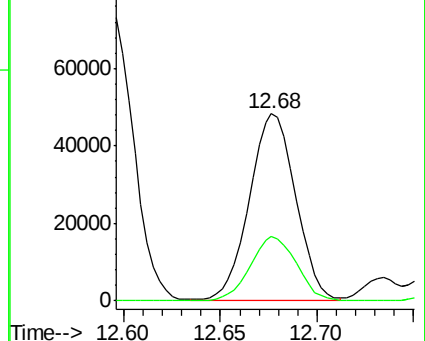
91 100

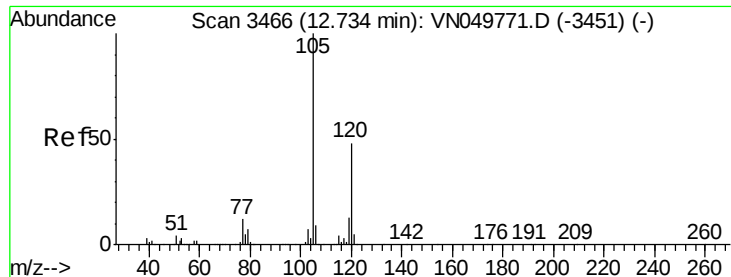
126 34.6 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.970 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

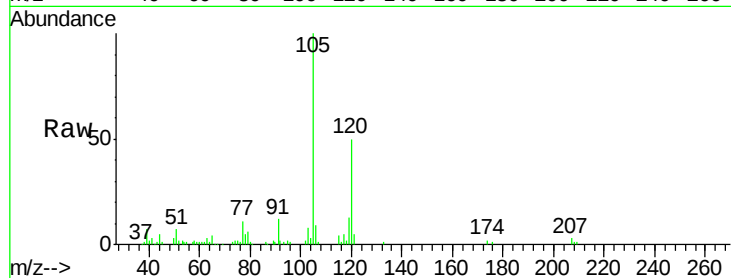
ClientSampled :

Tot Ion:105 Resp: 79778

Ion Ratio Lower Upper

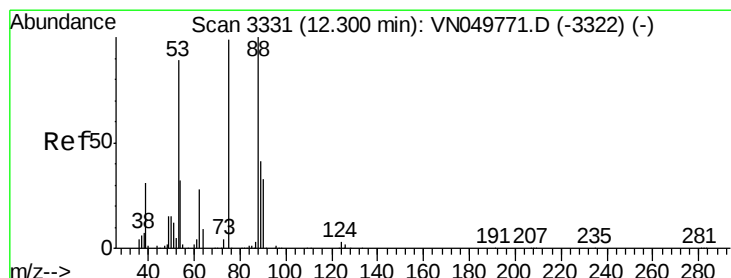
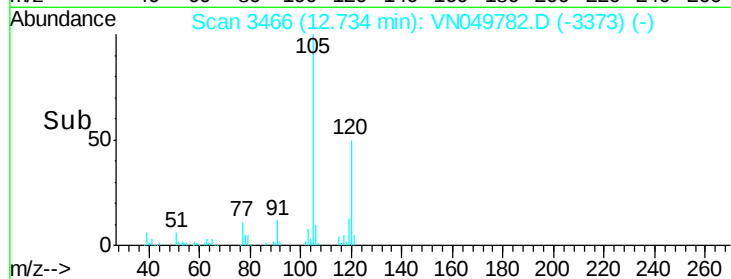
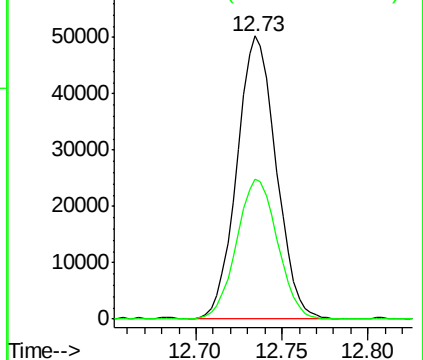
105 100

120 51.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 88.796 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

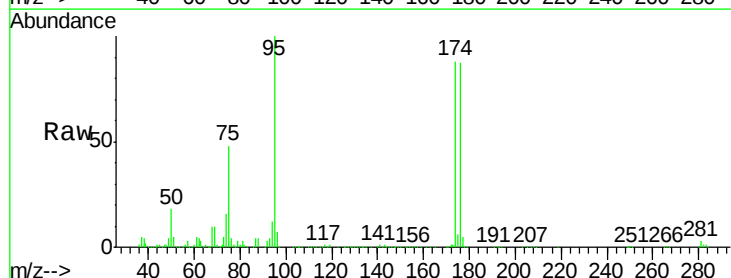
Tgt Ion: 75 Resp: 299457

Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

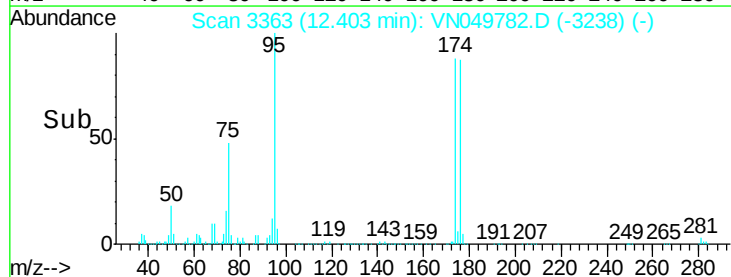
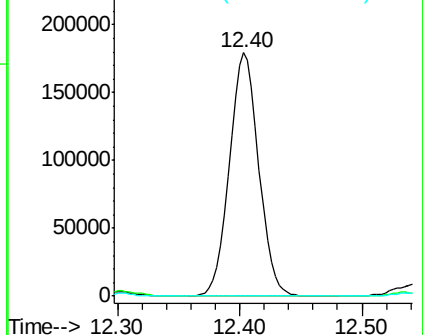
89 0.0 35.9 53.9#

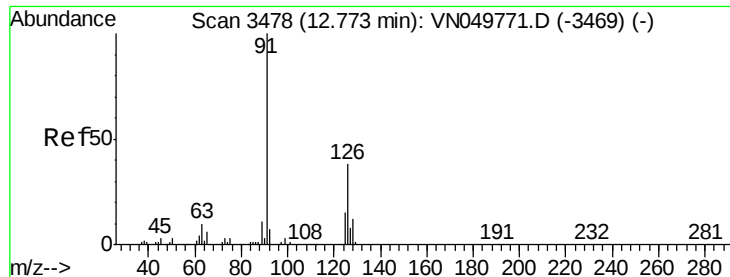


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 2.035 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

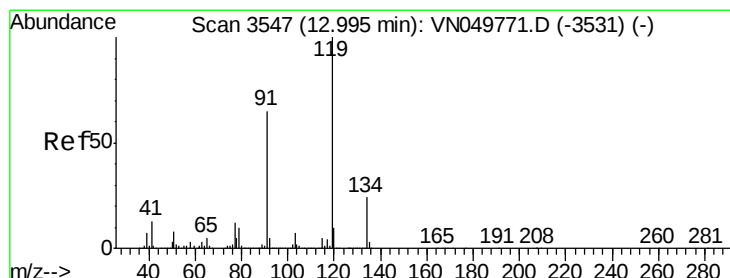
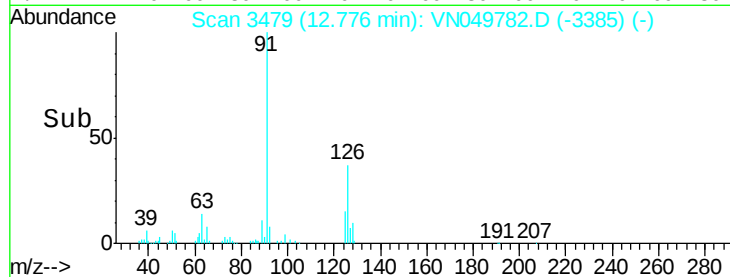
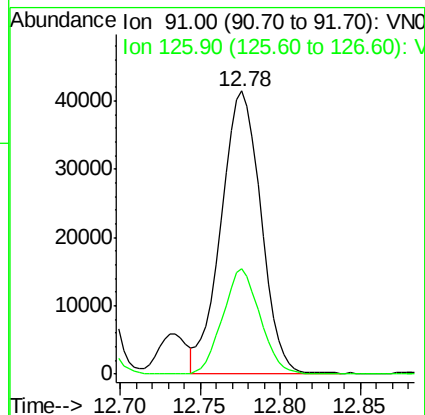
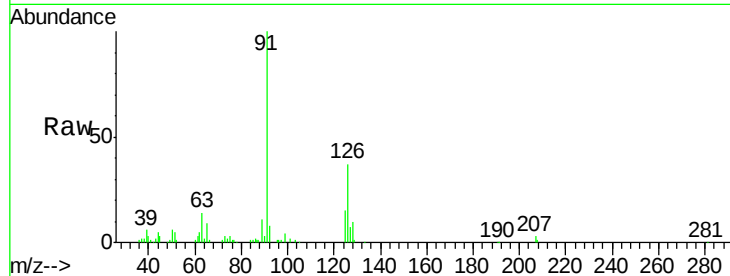
ClientSampleId :

Tot Ion: 91 Resp: 70958

Ion Ratio Lower Upper

91 100

126 34.9 17.2 51.6



#83

tert-Butylbenzene

Concen: 2.051 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

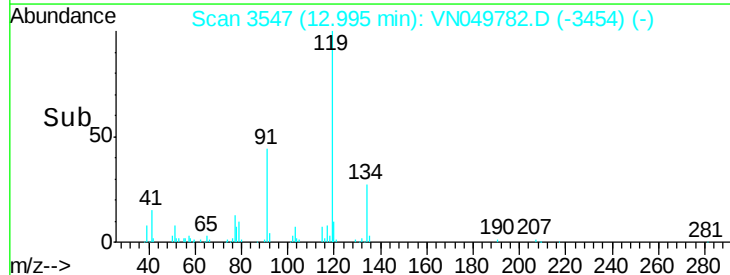
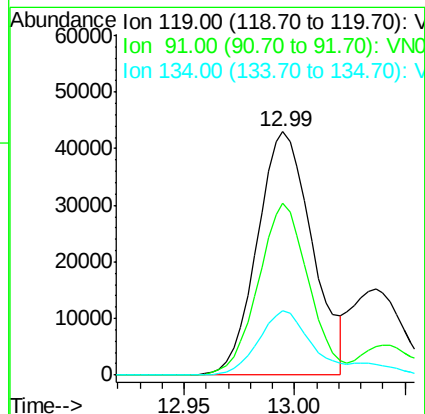
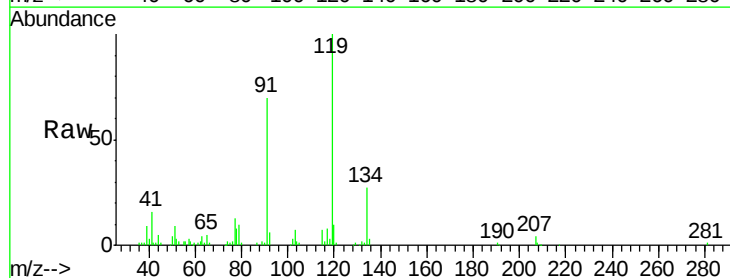
Tgt Ion: 119 Resp: 74286

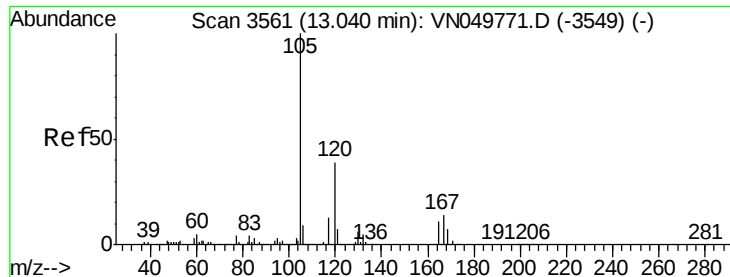
Ion Ratio Lower Upper

119 100

91 64.9 32.0 96.2

134 25.3 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 1.854 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

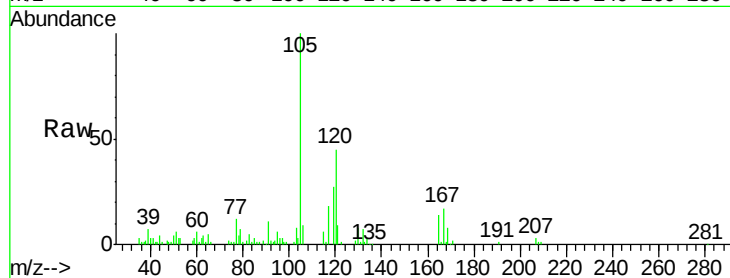
ClientSampled :

Tot Ion:105 Resp: 75297

Ion Ratio Lower Upper

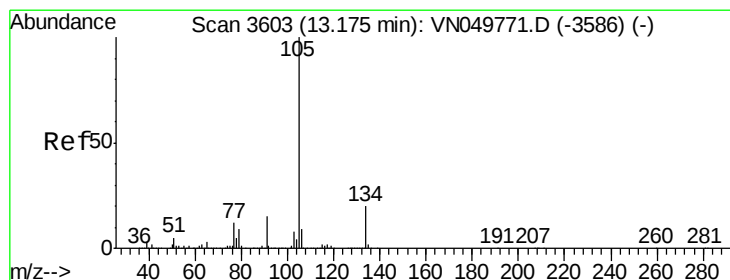
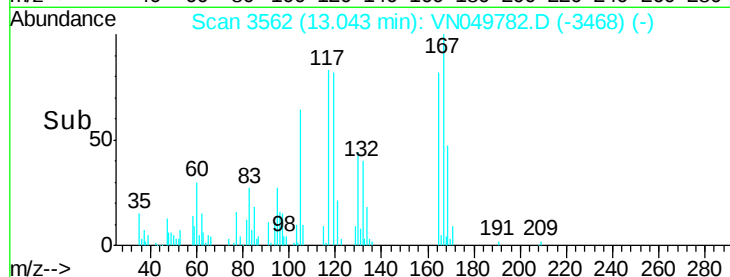
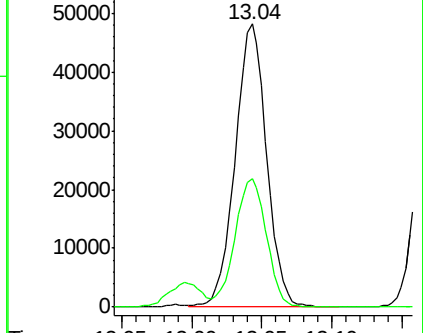
105 100

120 45.2 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.954 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049782.D

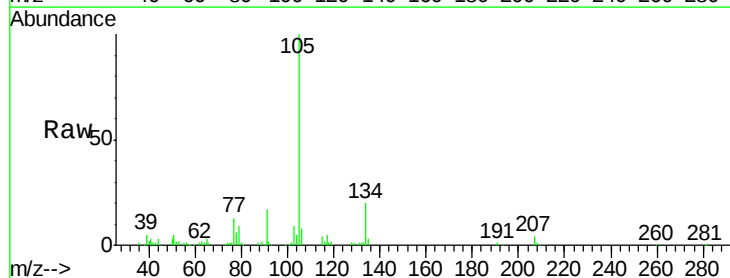
Acq: 12 Jul 2018 21:02

Tgt Ion:105 Resp: 92755

Ion Ratio Lower Upper

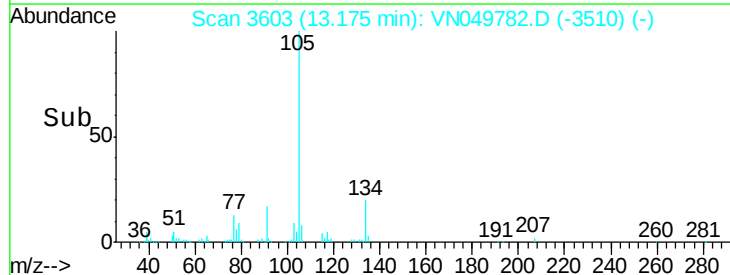
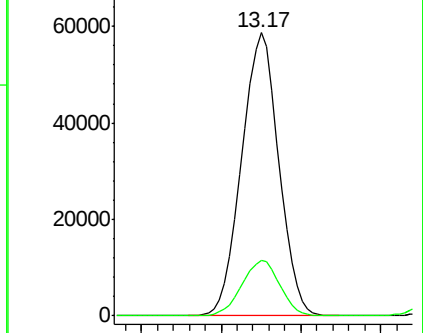
105 100

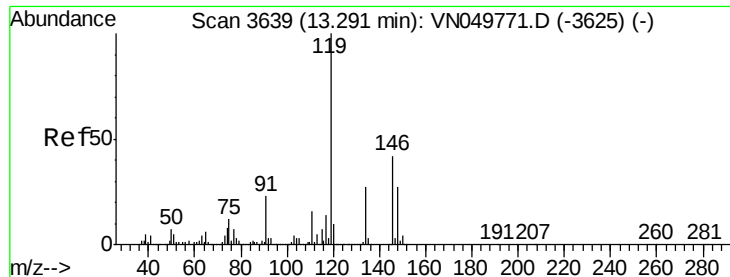
134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

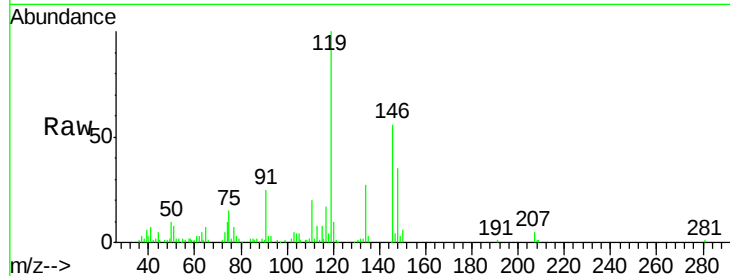




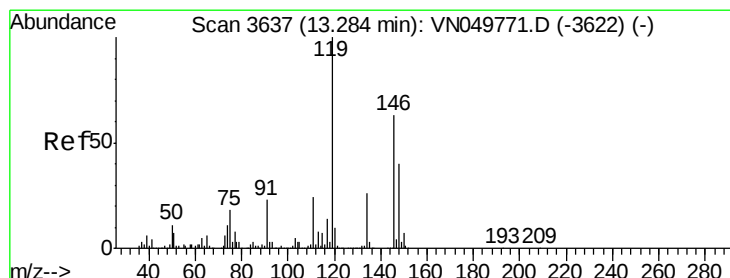
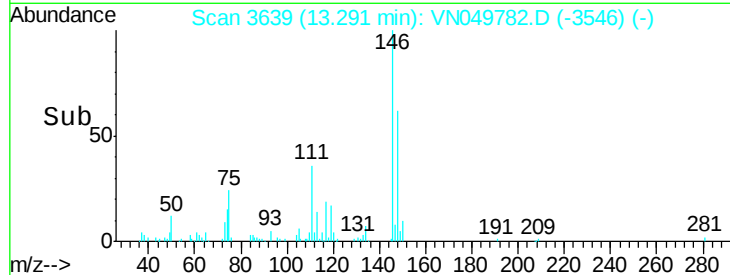
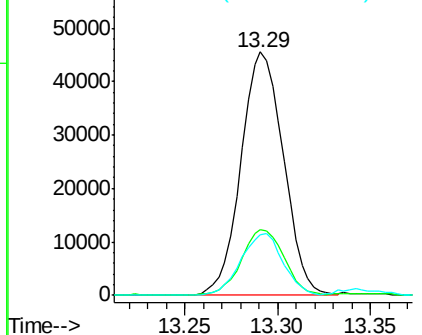
#86
 p-Isopropyltoluene
 Concen: 1.808 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049782.D
 Acq: 12 Jul 2018 21:02

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.3	39.9
91	25.3	11.4	34.1

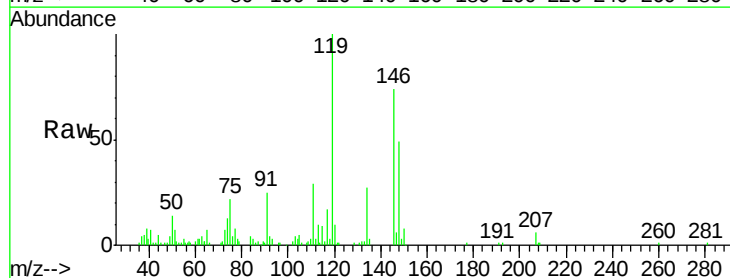


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

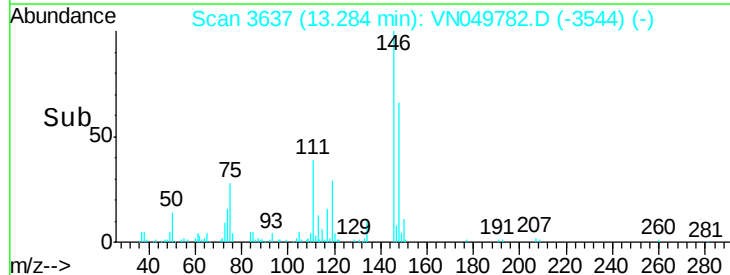
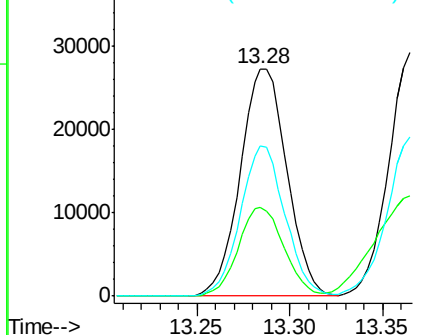


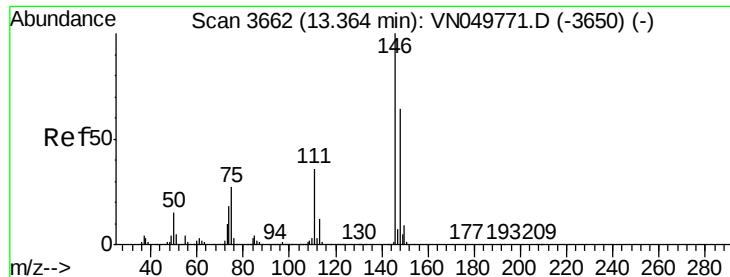
#87
 1,3-Dichlorobenzene
 Concen: 2.031 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049782.D
 Acq: 12 Jul 2018 21:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	63.2	32.5	97.5



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 2.180 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN049782.D

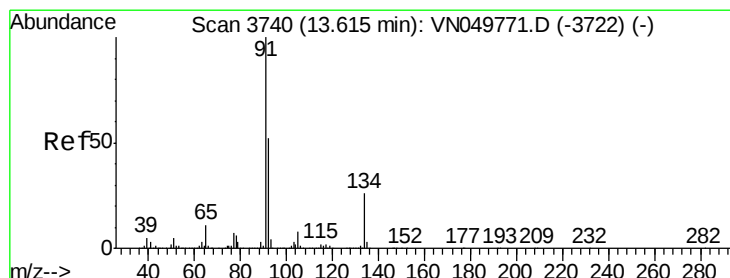
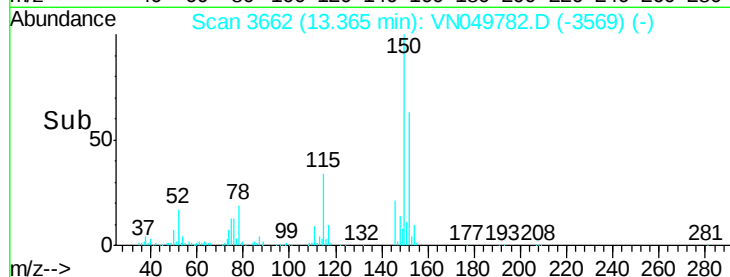
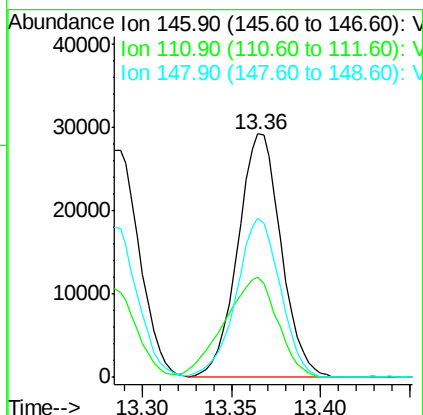
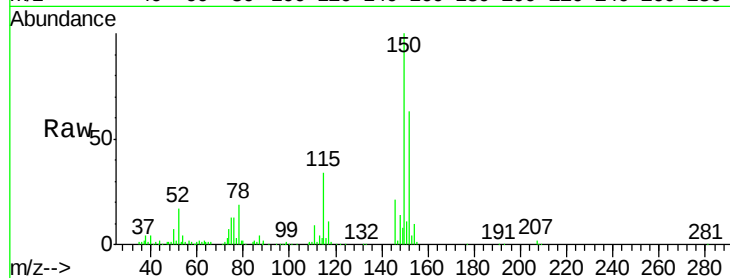
Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	49656
Ion	Ratio	Lower	Upper
146	100		
111	50.6	18.9	56.5
148	66.4	32.1	96.3



#89

n-Butylbenzene

Concen: 1.674 ug/l

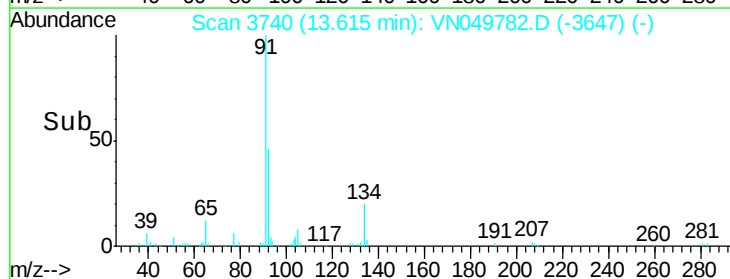
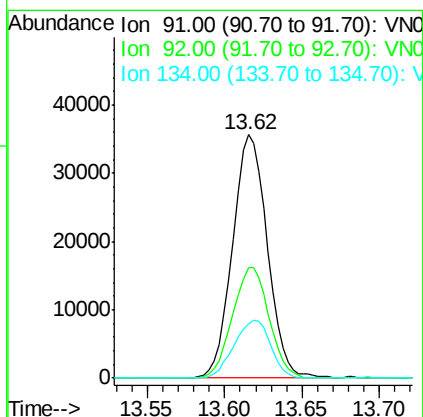
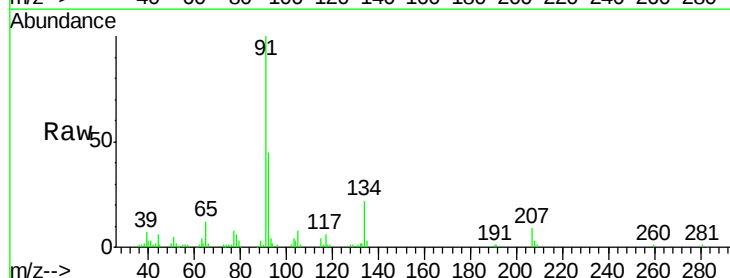
RT: 13.62 min Scan# 3740

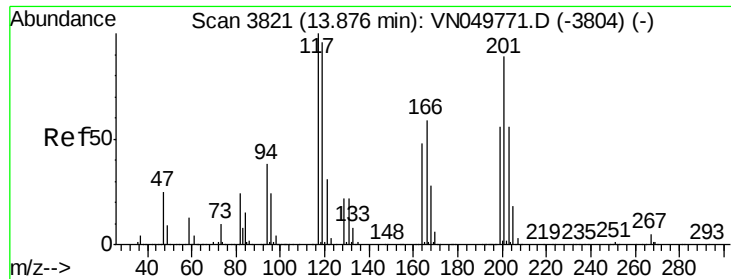
Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Tgt Ion:	91	Resp:	55529
Ion	Ratio	Lower	Upper
91	100		
92	47.7	25.8	77.3
134	25.1	13.0	38.9

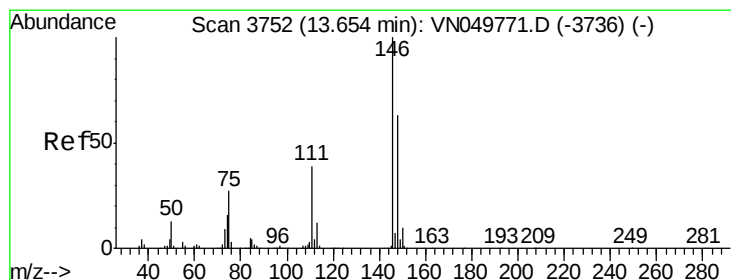
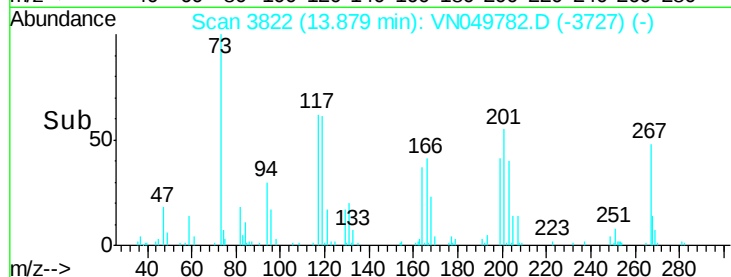
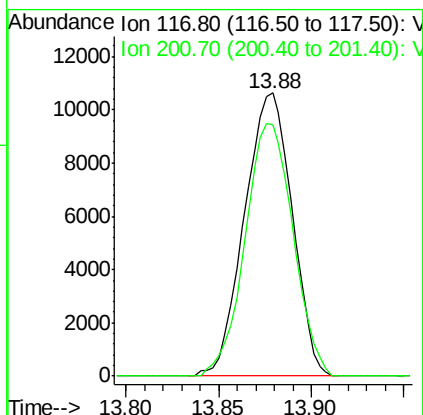
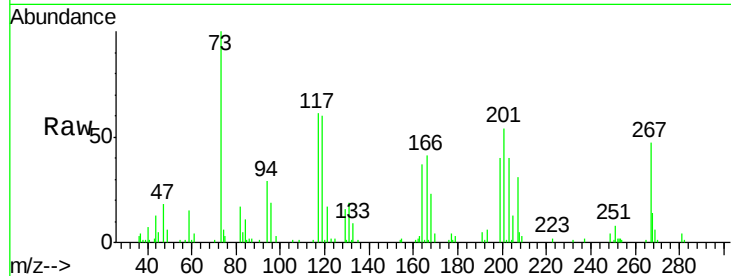




#90
Hexachloroethane
Concen: 1.629 ug/l
RT: 13.88 min Scan# 3822
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

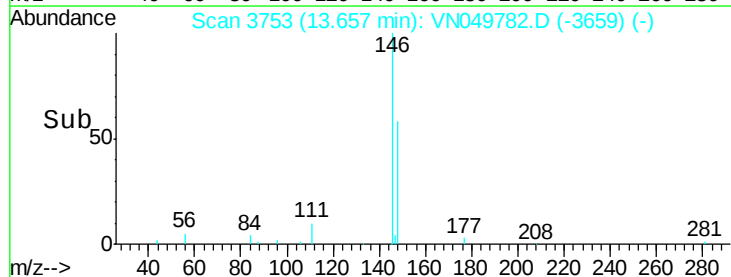
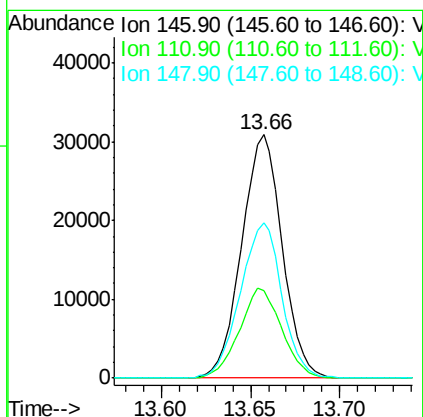
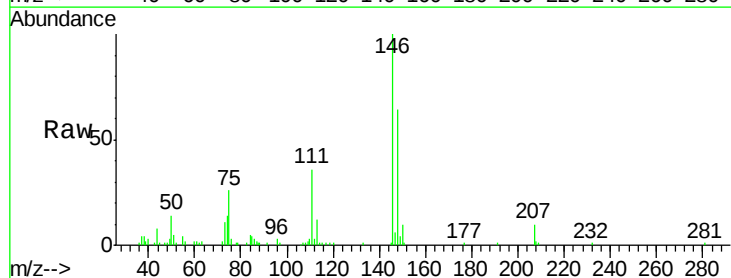
Instrument :
MSVOA_N
ClientSampled :

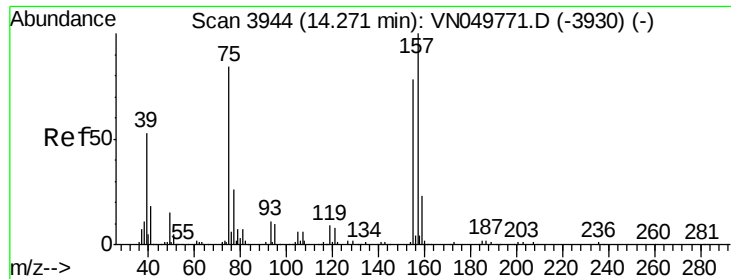
Tot Ion:117 Resp: 18968
Ion Ratio Lower Upper
117 100
201 89.8 45.3 135.8



#91
1,2-Dichlorobenzene
Concen: 2.141 ug/l
RT: 13.66 min Scan# 3753
Delta R.T. 0.00 min
Lab File: VN049782.D
Acq: 12 Jul 2018 21:02

Tgt Ion:146 Resp: 48973
Ion Ratio Lower Upper
146 100
111 38.5 19.7 59.1
148 65.4 32.0 96.2

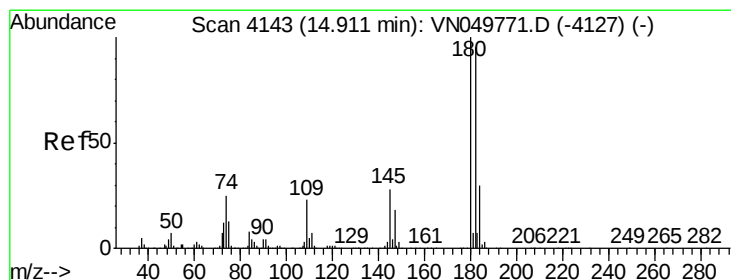
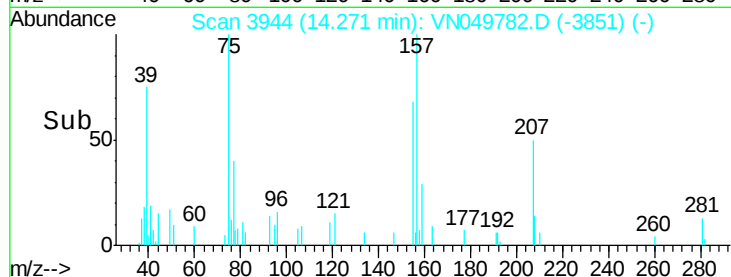
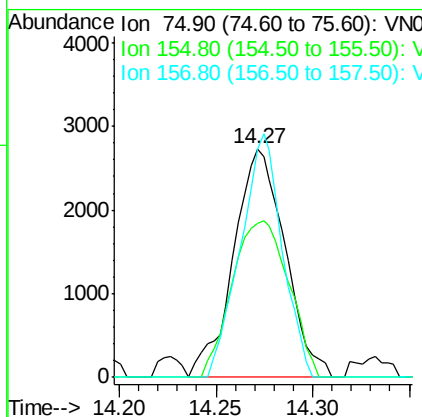
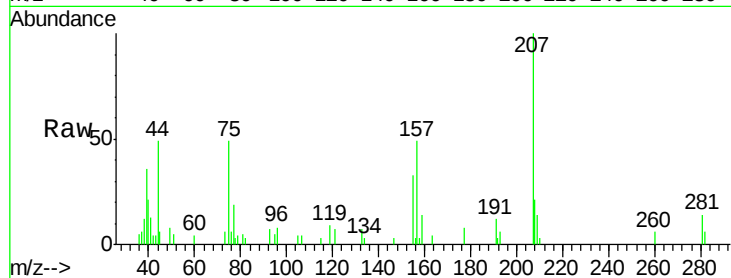




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.343 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049782.D
 Acq: 12 Jul 2018 21:02

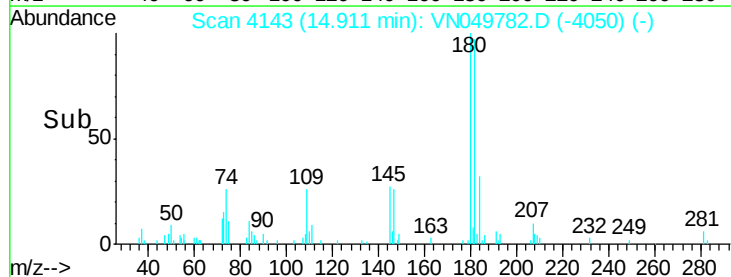
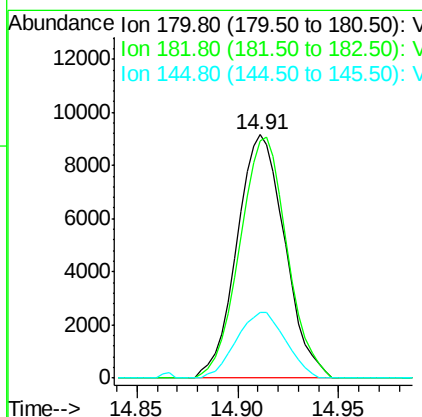
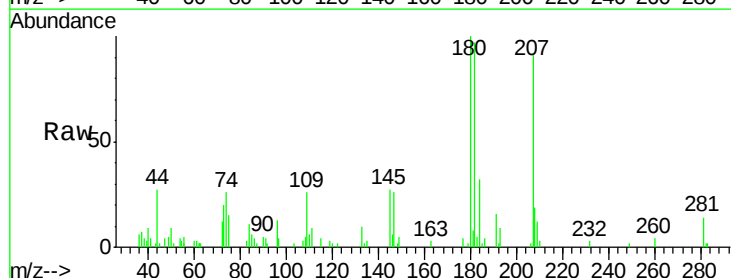
Instrument :
 MSVOA_N
 ClientSampleId :

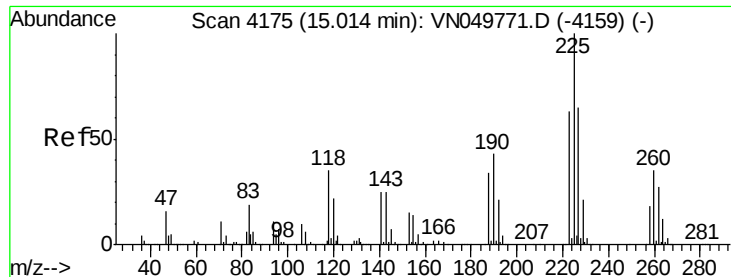
Tot Ion: 75 Resp: 5059
 Ion Ratio Lower Upper
 75 100
 155 75.2 45.7 137.1
 157 86.3 56.9 170.7



#93
 1,2,4-Trichlorobenzene
 Concen: 4.033 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049782.D
 Acq: 12 Jul 2018 21:02

Tgt Ion: 180 Resp: 15244
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.3 141.9
 145 27.7 14.4 43.0





#94

Hexachlorobutadiene

Concen: 1.359 ug/l

RT: 15.01 min Scan# 4174

Delta R.T. -0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

Instrument :

MSVOA_N

ClientSampleId :

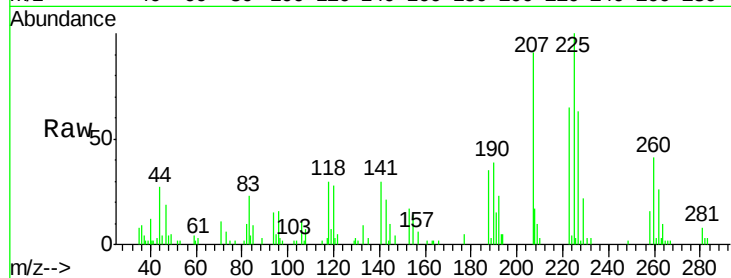
Tot Ion:225 Resp: 16808

Ion Ratio Lower Upper

225 100

223 62.7 30.9 92.7

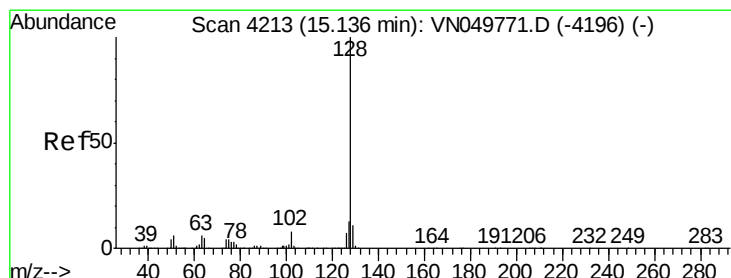
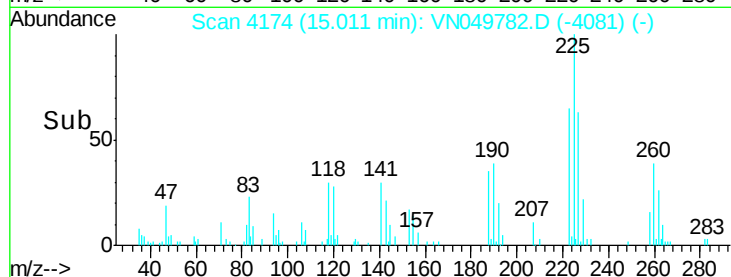
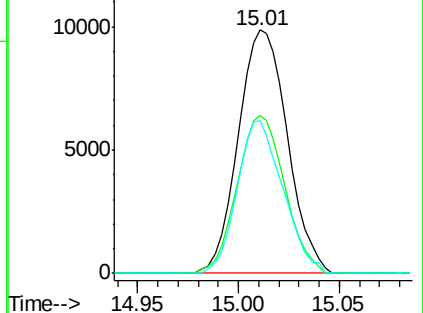
227 58.3 31.8 95.4



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: 5.073 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049782.D

Acq: 12 Jul 2018 21:02

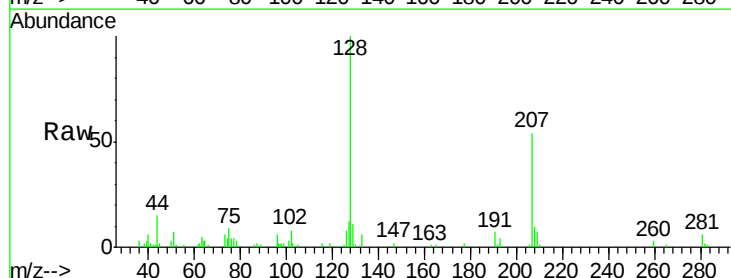
Tgt Ion:128 Resp: 30884

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

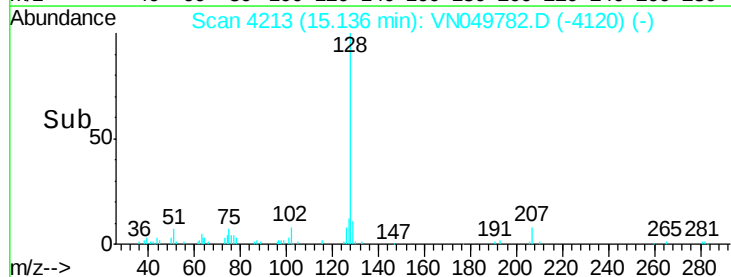
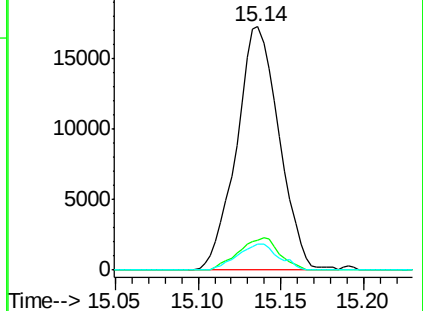
129 10.3 8.6 13.0

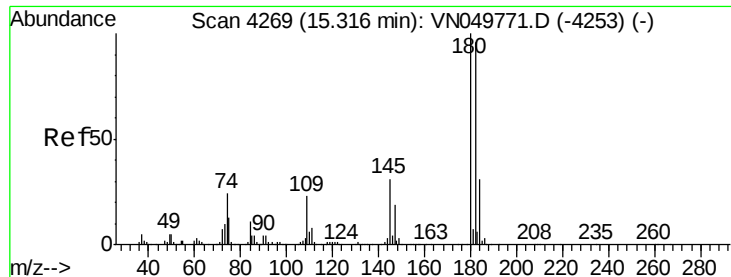


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

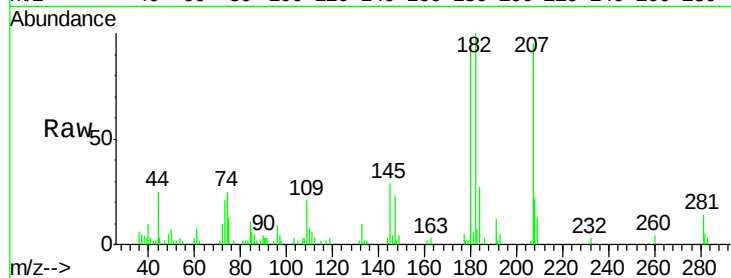




#96
 1,2,3-Trichlorobenzene
 Concen: 1.604 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: VN049782.D
 Acq: 12 Jul 2018 21:02

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.6	47.4	142.2
145	28.7	15.2	45.6



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

