

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049268.D
 Acq On : 15 Jun 2018 19:17
 Operator : MD\SY
 Sample : VN0616WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 01:22:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1551070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2307102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2081601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	965206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1046433	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	7.59	113	945618	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	10.09	98	3592189	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.40	95	1147108	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	328203	18.38	ug/l	100
3) Chloromethane	2.06	50	427913	18.56	ug/l	97
4) Vinyl Chloride	2.18	62	453682	18.52	ug/l	98
5) Bromomethane	2.57	94	226287	17.57	ug/l	96
6) Chloroethane	2.70	64	277552	19.00	ug/l	99
7) Trichlorofluoromethane	3.01	101	579922	18.97	ug/l	99
8) Diethyl Ether	3.41	74	208584	19.55	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	370484	19.11	ug/l	94
10) Methyl Iodide	3.95	142	341906	16.94	ug/l	91
11) Tert butyl alcohol	4.80	59	119077	98.62	ug/l	98
12) 1,1-Dichloroethene	3.73	96	335662	18.87	ug/l	89
13) Acrolein	3.61	56	129505	102.28	ug/l	99
14) Allyl chloride	4.32	41	546741	19.47	ug/l	88
15) Acrylonitrile	4.99	53	580035	96.07	ug/l	99
16) Acetone	3.82	43	486925	97.48	ug/l	# 89
17) Carbon Disulfide	4.05	76	985177	17.67	ug/l	99
18) Methyl Acetate	4.33	43	291246	19.12	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	909270	20.05	ug/l	99
20) Methylene Chloride	4.55	84	393287	18.85	ug/l	89
21) trans-1,2-Dichloroethene	5.04	96	354019	18.80	ug/l	94
22) Diisopropyl ether	5.96	45	1125945	20.08	ug/l	97
23) Vinyl Acetate	5.90	43	3602176	98.54	ug/l	# 95
24) 1,1-Dichloroethane	5.85	63	690918	19.25	ug/l	99
25) 2-Butanone	6.84	43	651732	97.17	ug/l	97
26) 2,2-Dichloropropane	6.82	77	569850	19.66	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	408902	19.53	ug/l	91
28) Bromochloromethane	7.20	49	319714	20.09	ug/l	# 83
29) Tetrahydrofuran	7.22	42	422045	97.75	ug/l	94
30) Chloroform	7.37	83	691423	19.36	ug/l	100
31) Cyclohexane	7.66	56	613645	20.06	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	600335	19.70	ug/l	97
36) 1,1-Dichloropropene	7.79	75	509486	19.27	ug/l	97
37) Ethyl Acetate	6.93	43	305146	21.23	ug/l	97
38) Carbon Tetrachloride	7.77	117	532805	19.46	ug/l	98

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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)

39) Methylcyclohexane	9.08	83	533117	18.78	ug/l	98
40) Benzene	8.04	78	1573930	19.42	ug/l	99
41) Methacrylonitrile	7.17	41	155677	20.03	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	491956	19.64	ug/l	96
43) Isopropyl Acetate	8.17	43	532404	19.38	ug/l	94
44) Trichloroethene	8.84	130	415339	19.40	ug/l	90
45) 1,2-Dichloropropane	9.12	63	412690	19.44	ug/l	98
46) Dibromomethane	9.21	93	234578	19.06	ug/l	90
47) Bromodichloromethane	9.40	83	523164	19.34	ug/l	97
48) Methyl methacrylate	9.20	41	259061	20.03	ug/l	88
49) 1,4-Dioxane	9.20	88	71157	398.62	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	1438076	99.90	ug/l	94
52) Toluene	10.16	92	952294	20.02	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	489165	18.91	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	584213	19.12	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	338923	19.11	ug/l	99
56) Ethyl methacrylate	10.43	69	401429	19.62	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	564306	19.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	551724	85.42	ug/l	95
59) 2-Hexanone	10.75	43	907203	97.76	ug/l	93
60) Dibromochloromethane	10.90	129	377844	19.09	ug/l	100
61) 1,2-Dibromoethane	11.01	107	321772	19.52	ug/l	98
64) Tetrachloroethene	10.63	164	419549	19.67	ug/l	97
65) Chlorobenzene	11.44	112	1030461	19.22	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	388156	19.23	ug/l	99
67) Ethyl Benzene	11.51	91	1746523	19.64	ug/l	97
68) m/p-Xylenes	11.62	106	1348862	40.41	ug/l	96
69) o-Xylene	11.95	106	645197	20.07	ug/l	96
70) Styrene	11.97	104	1016013	20.03	ug/l	98
71) Bromoform	12.13	173	249363	19.09	ug/l #	99
73) Isopropylbenzene	12.25	105	1730240	20.42	ug/l	98
74) N-amyl acetate	12.07	43	390370	18.81	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	389625	21.05	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	477121	28.97	ug/l #	100
77) Bromobenzene	12.53	156	429308	19.18	ug/l	89
78) n-propylbenzene	12.59	91	1908127	20.51	ug/l	98
79) 2-Chlorotoluene	12.68	91	1176637	19.96	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1391132	20.88	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	97813	18.77	ug/l	94
82) 4-Chlorotoluene	12.78	91	1143779	20.11	ug/l	97
83) tert-Butylbenzene	12.99	119	1193996	20.23	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1393252	21.05	ug/l	99
85) sec-Butylbenzene	13.17	105	1566822	19.95	ug/l	98
86) p-Isopropyltoluene	13.29	119	1320394	20.12	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	705475	19.16	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	678486	18.59	ug/l	99
89) n-Butylbenzene	13.62	91	944217	18.42	ug/l	97
90) Hexachloroethane	13.88	117	263832	20.23	ug/l	88
91) 1,2-Dichlorobenzene	13.66	146	695427	19.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	54717	18.55	ug/l	87

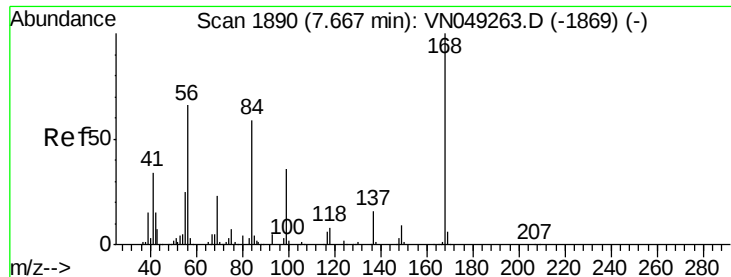
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	224198	17.00	ug/l	99
94) Hexachlorobutadiene	15.01	225	223574	19.50	ug/l	99
95) Naphthalene	15.14	128	442605	17.88	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	247618	17.70	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

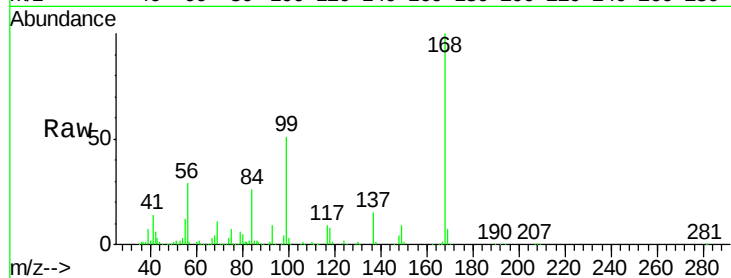
ClientSampleId :

Tot Ion:168 Resp: 1551070

Ion Ratio Lower Upper

168 100

99 50.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

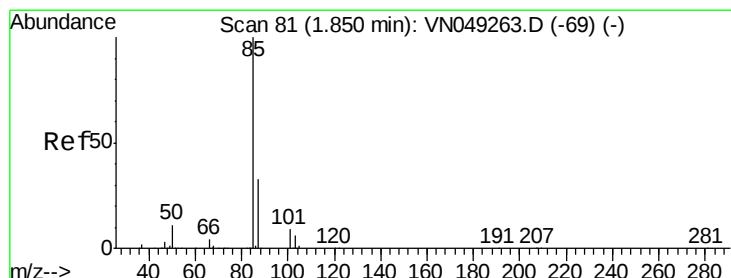
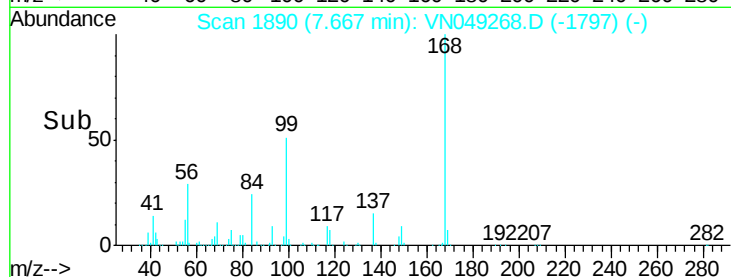
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 18.38 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049268.D

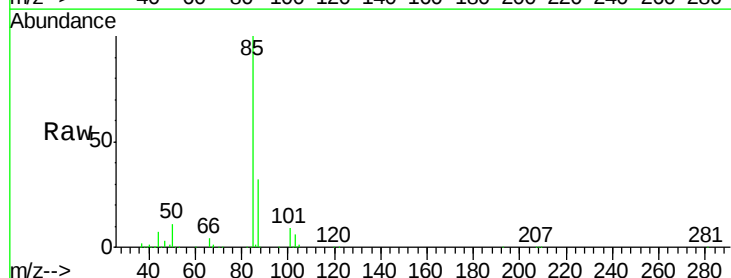
Acq: 15 Jun 2018 19:17

Tgt Ion: 85 Resp: 328203

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250000

200000

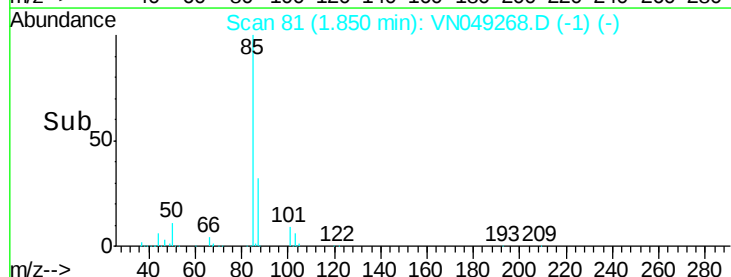
150000

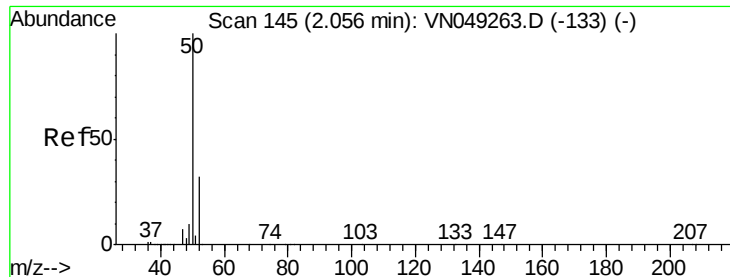
100000

50000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.56 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

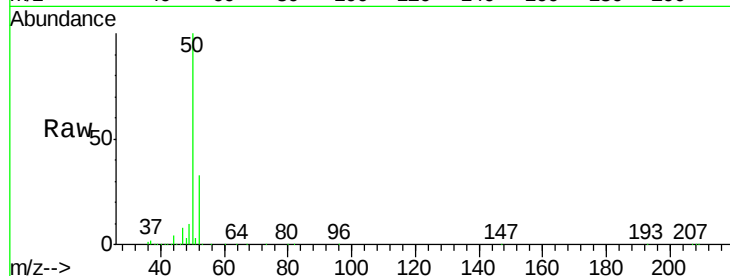
ClientSampleId :

Tot Ion: 50 Resp: 427913

Ion Ratio Lower Upper

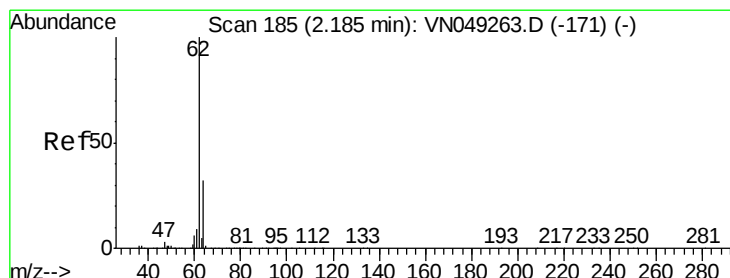
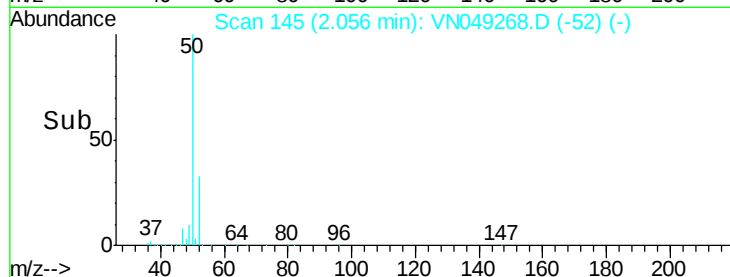
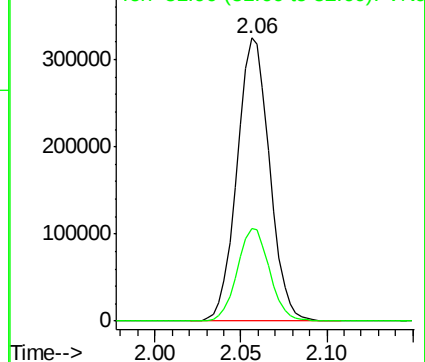
50 100

52 32.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.52 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049268.D

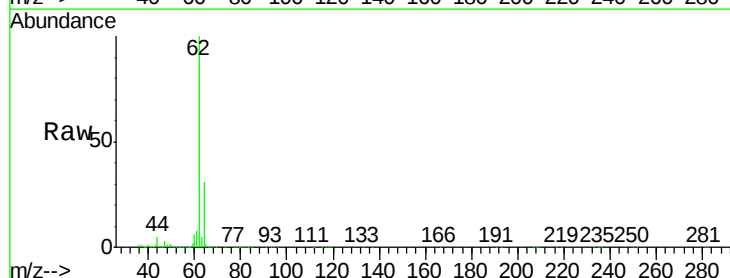
Acq: 15 Jun 2018 19:17

Tgt Ion: 62 Resp: 453682

Ion Ratio Lower Upper

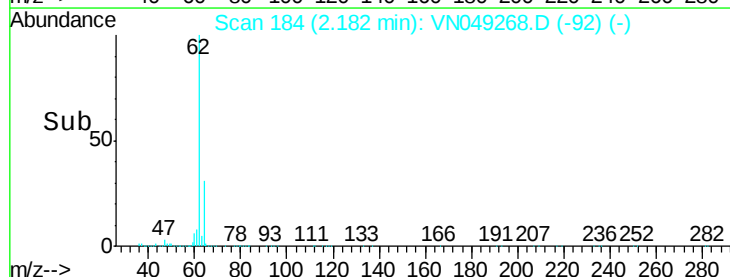
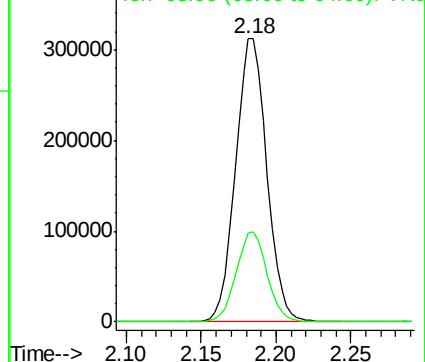
62 100

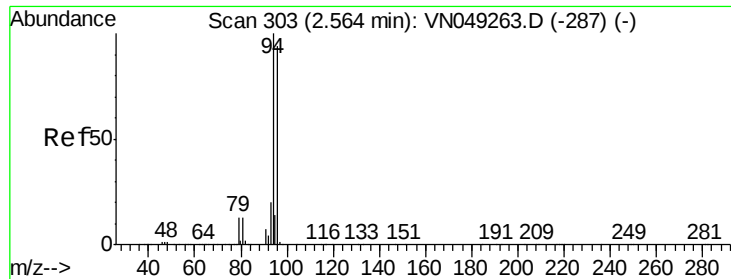
64 31.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 17.57 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

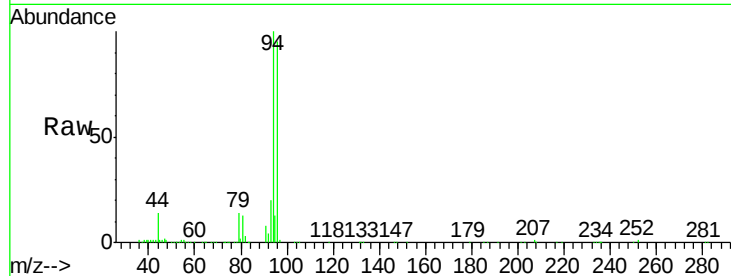
ClientSampleId :

Tot Ion: 94 Resp: 226287

Ion Ratio Lower Upper

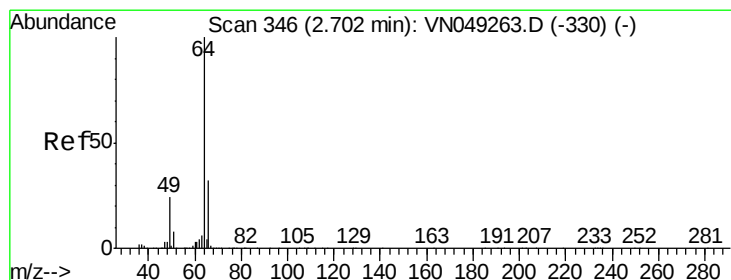
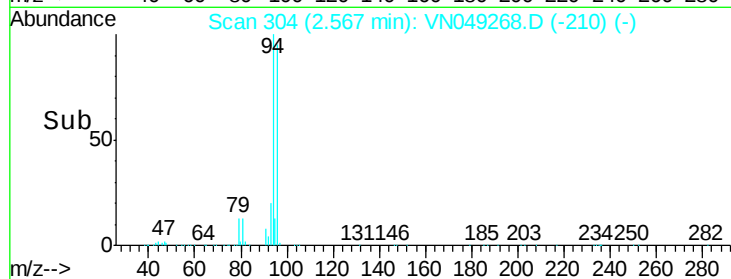
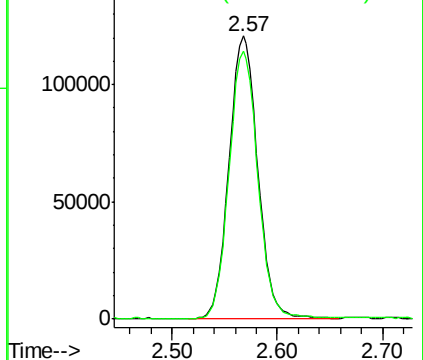
94 100

96 94.5 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.00 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049268.D

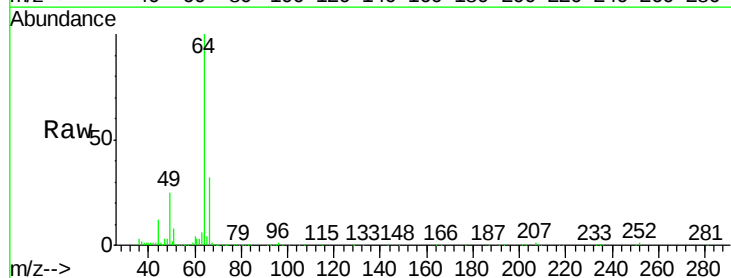
Acq: 15 Jun 2018 19:17

Tgt Ion: 64 Resp: 277552

Ion Ratio Lower Upper

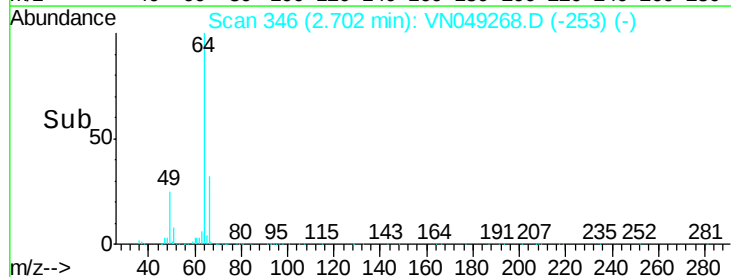
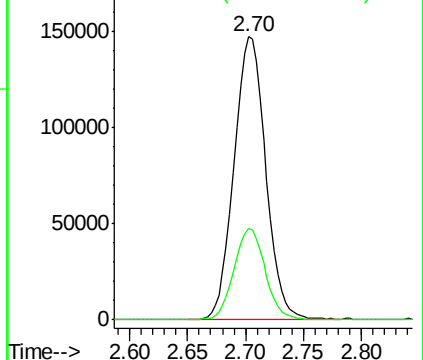
64 100

66 32.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



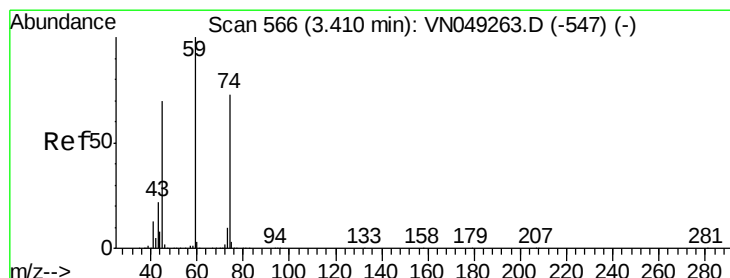
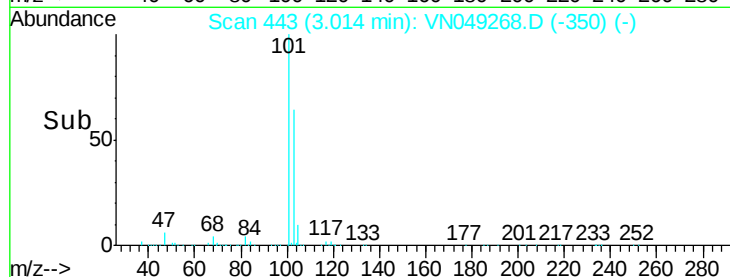
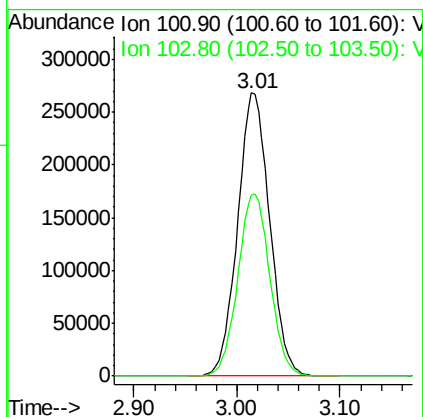
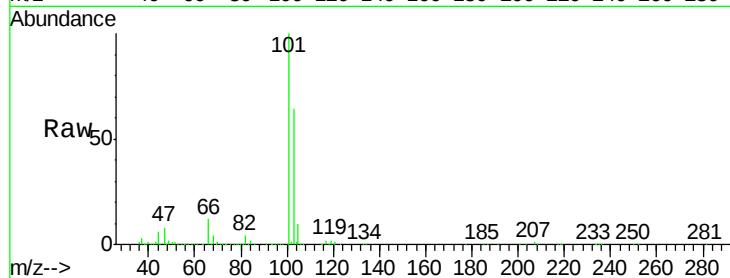


#7

Trichlorofluoromethane
Concen: 18.97 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

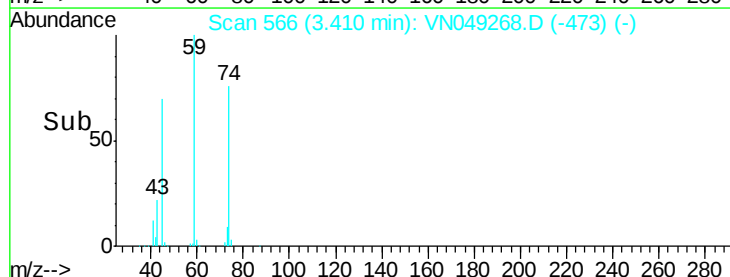
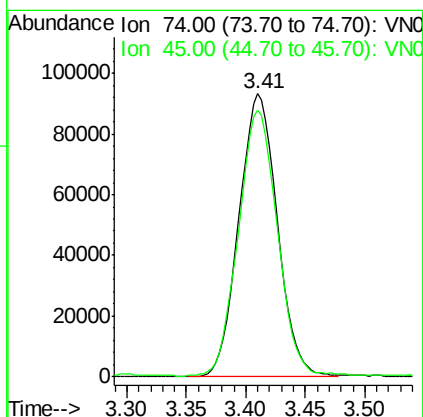
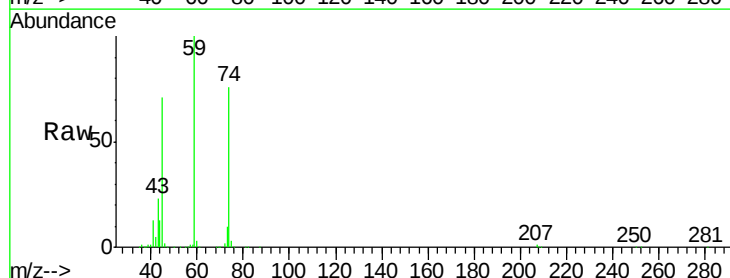
Tot Ion:101 Resp: 579922
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5



#8

Diethyl Ether
Concen: 19.55 ug/l
RT: 3.41 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

Tgt Ion: 74 Resp: 208584
Ion Ratio Lower Upper
74 100
45 95.7 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.11 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

ClientSampleId :

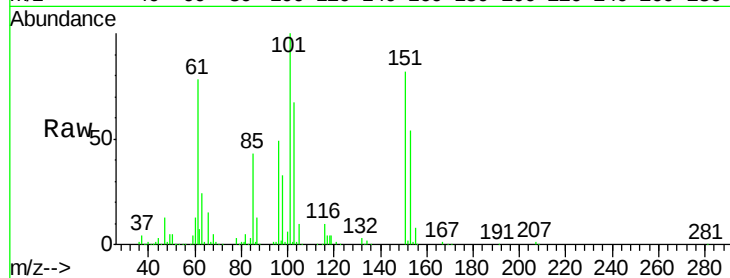
Tot Ion:101 Resp: 370484

Ion Ratio Lower Upper

101 100

85 43.3 37.6 56.4

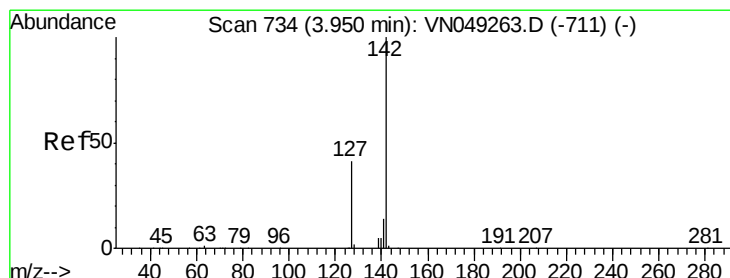
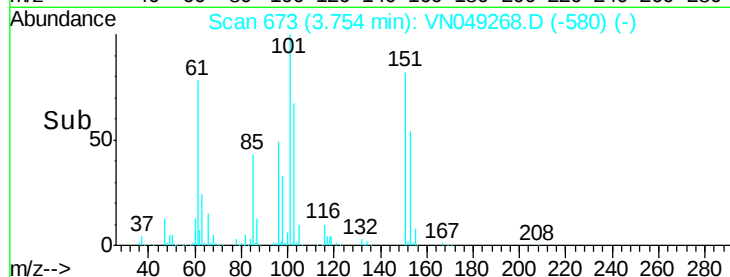
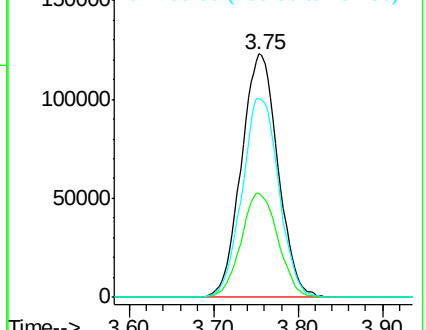
151 82.2 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.94 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

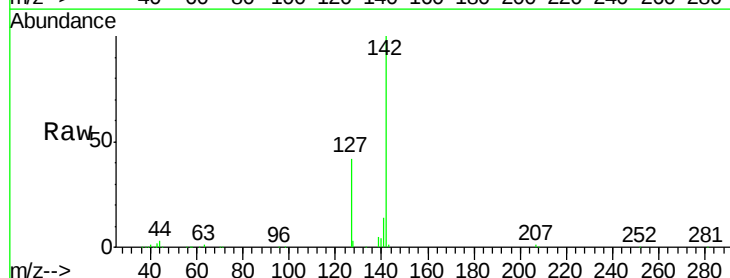
Tgt Ion:142 Resp: 341906

Ion Ratio Lower Upper

142 100

127 40.5 38.2 57.4

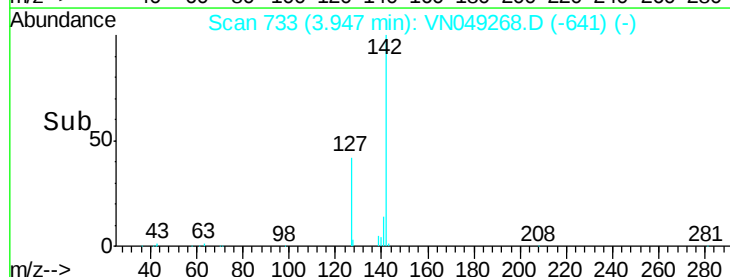
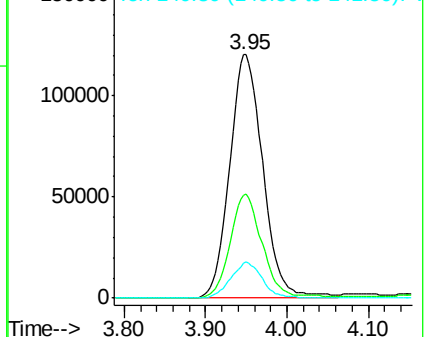
141 14.0 11.9 17.9

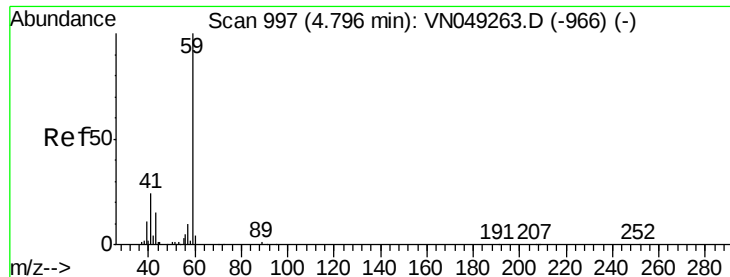


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

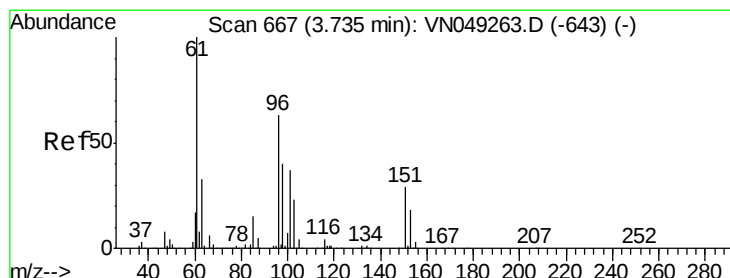
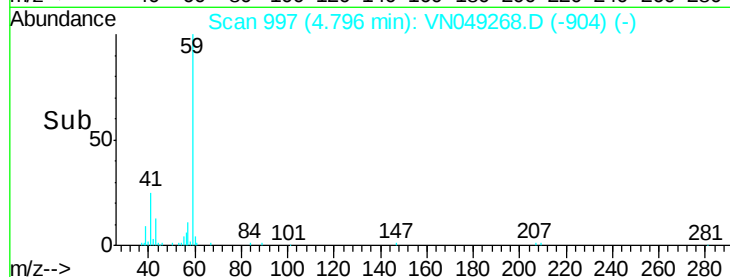
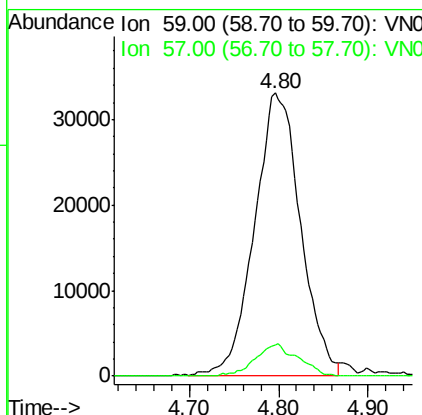
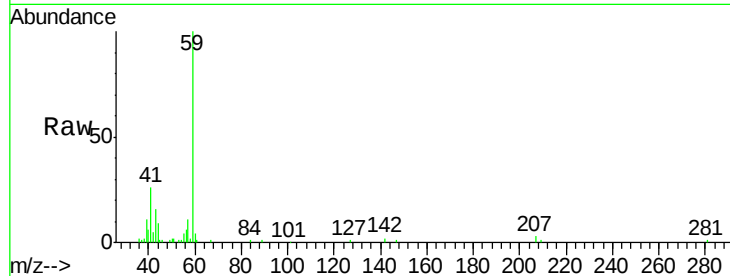




#11
Tert butyl alcohol
Concen: 98.62 ug/l
RT: 4.80 min Scan# 997
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

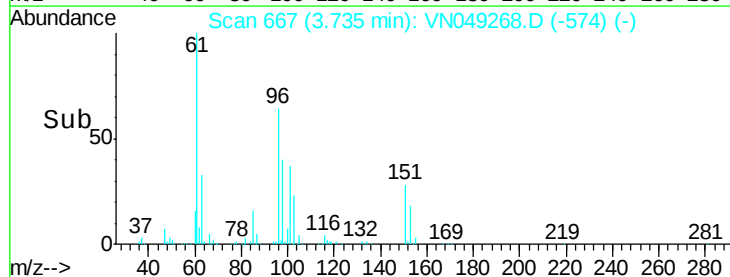
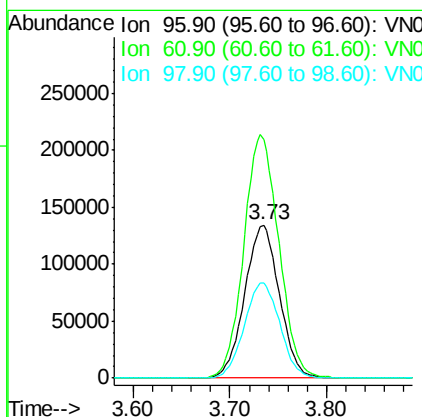
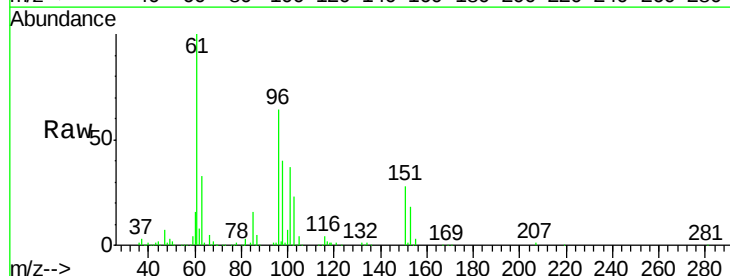
Instrument :
MSVOA_N
ClientSampleId :

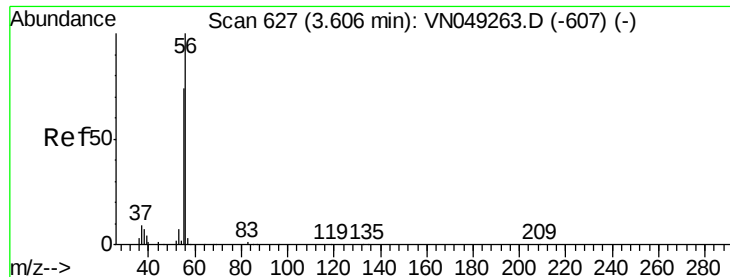
Tot Ion: 59 Resp: 119077
Ion Ratio Lower Upper
59 100
57 10.6 9.0 13.6



#12
1,1-Dichloroethene
Concen: 18.87 ug/l
RT: 3.73 min Scan# 667
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

Tgt Ion: 96 Resp: 335662
Ion Ratio Lower Upper
96 100
61 156.4 141.0 211.4
98 62.4 50.4 75.6

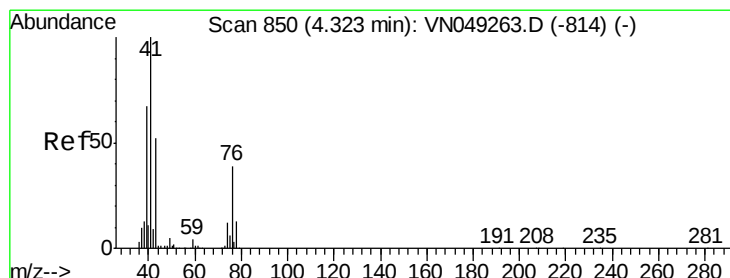
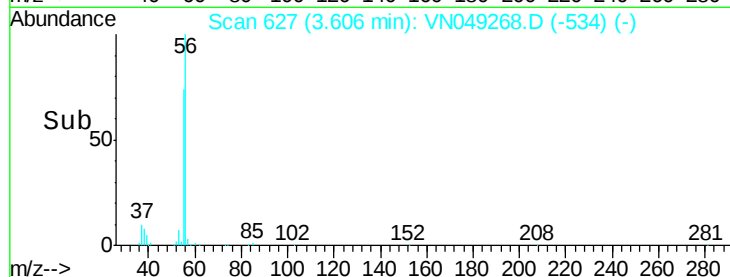
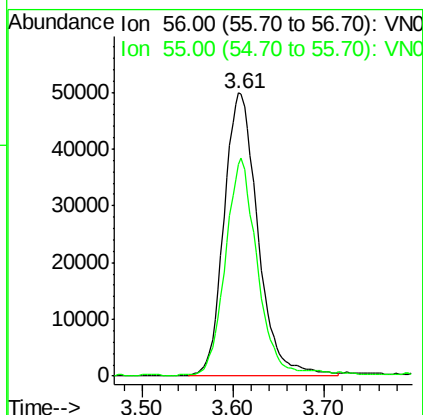
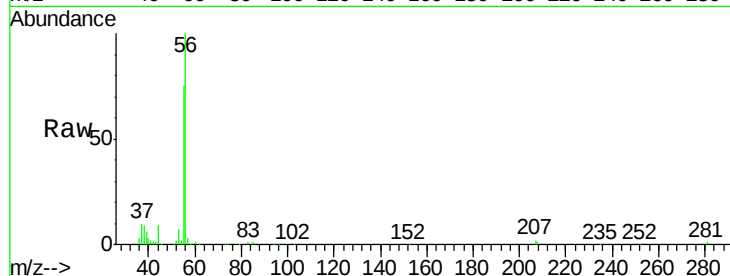




#13
Acrolein
Concen: 102.28 ug/l
RT: 3.61 min Scan# 627
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

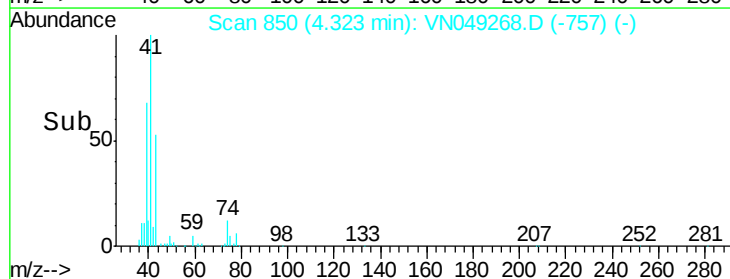
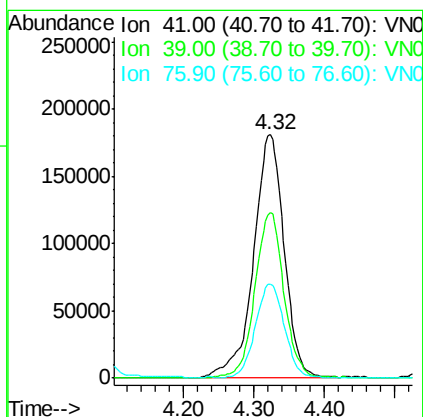
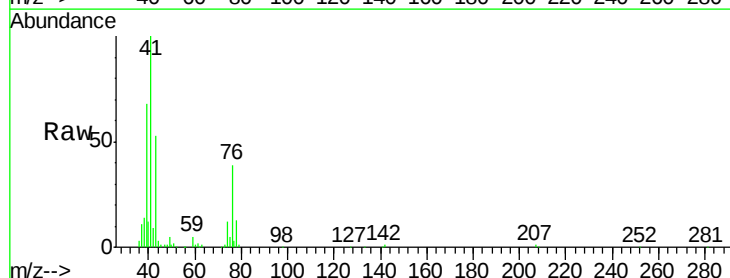
Instrument :
MSVOA_N
ClientSampled :

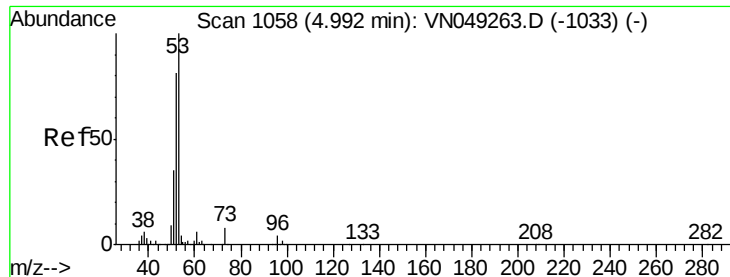
Tot Ion: 56 Resp: 129505
Ion Ratio Lower Upper
56 100
55 70.2 57.1 85.7



#14
Allyl chloride
Concen: 19.47 ug/l
RT: 4.32 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

Tgt Ion: 41 Resp: 546741
Ion Ratio Lower Upper
41 100
39 64.9 62.5 93.7
76 36.5 27.1 40.7





#15

Acrylonitrile

Concen: 96.07 ug/l

RT: 4.99 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

ClientSampleId :

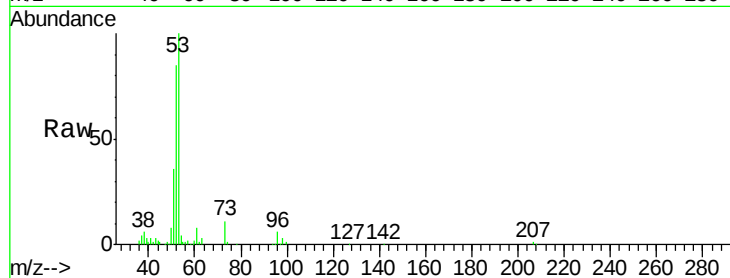
Tot Ion: 53 Resp: 580035

Ion Ratio Lower Upper

53 100

52 82.7 66.6 100.0

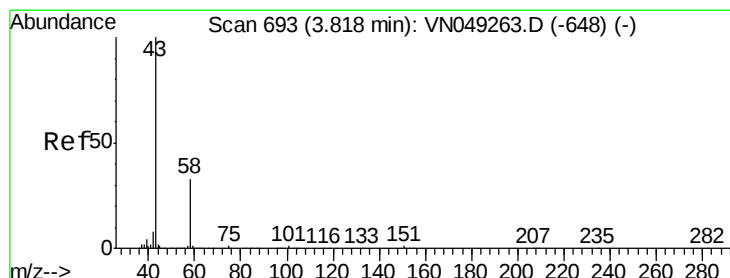
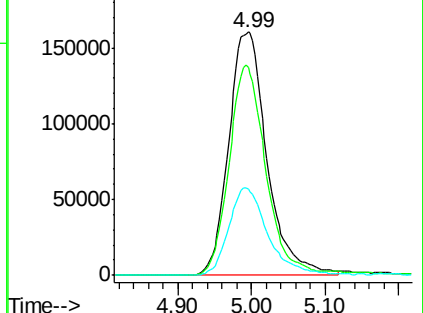
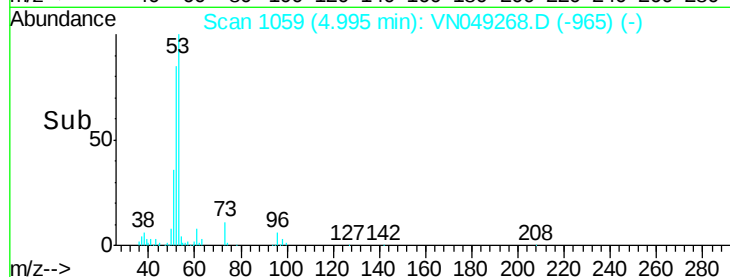
51 36.0 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN049268.D (-1033) (-)

Ion 52.00 (51.70 to 52.70): VN049268.D (-1033) (-)

Ion 51.00 (50.70 to 51.70): VN049268.D (-1033) (-)



#16

Acetone

Concen: 97.48 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049268.D

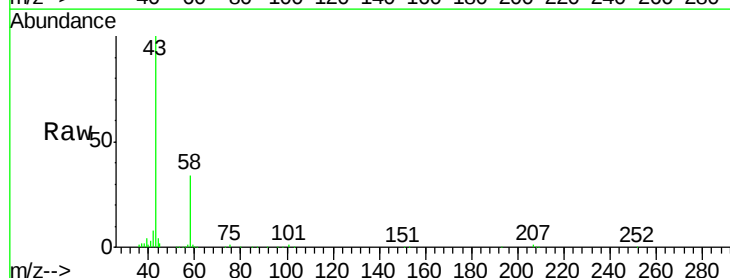
Acq: 15 Jun 2018 19:17

Tgt Ion: 43 Resp: 486925

Ion Ratio Lower Upper

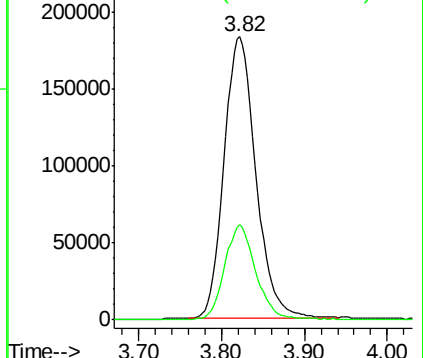
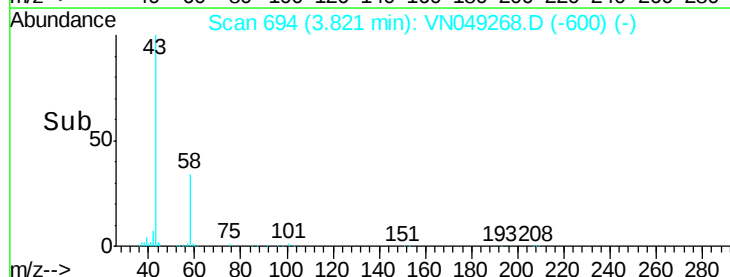
43 100

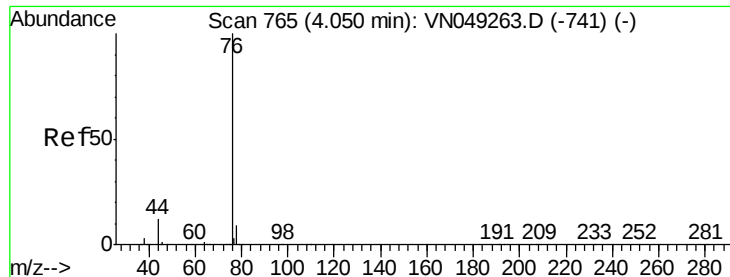
58 33.8 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN049268.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN049268.D (-600) (-)





#17

Carbon Disulfide

Concen: 17.67 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

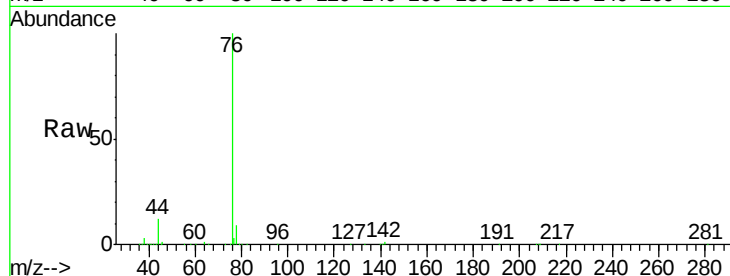
ClientSampleId :

Tot Ion: 76 Resp: 985177

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN049268.D (-741) (-)

Ion 77.90 (77.60 to 78.60): VN049268.D (-741) (-)

4.05

400000

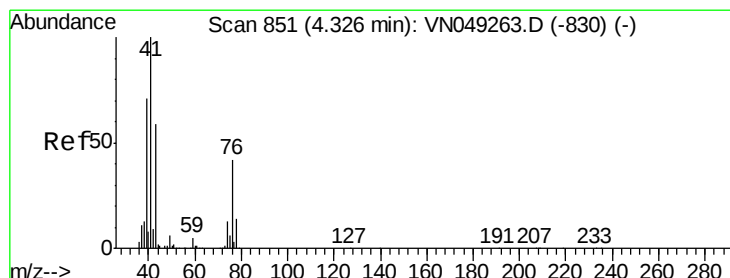
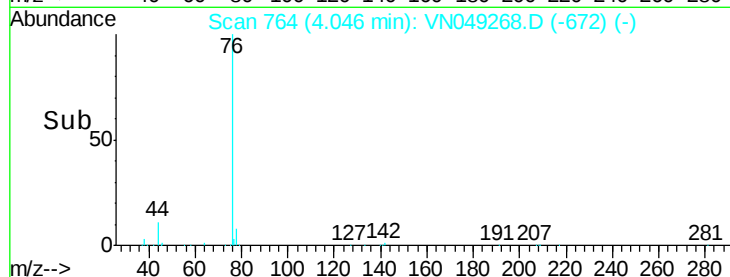
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 19.12 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049268.D

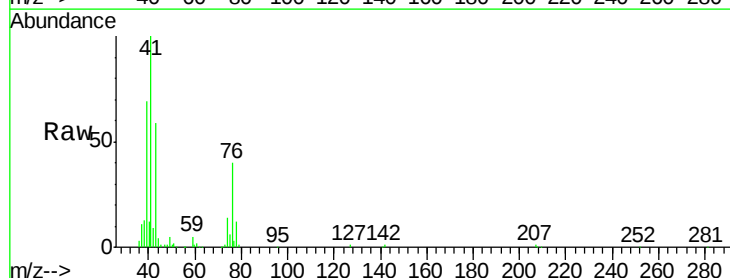
Acq: 15 Jun 2018 19:17

Tgt Ion: 43 Resp: 291246

Ion Ratio Lower Upper

43 100

74 23.9 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN049268.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN049268.D (-758) (-)

4.33

100000

80000

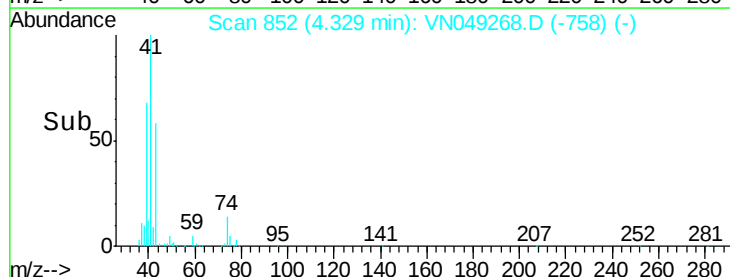
60000

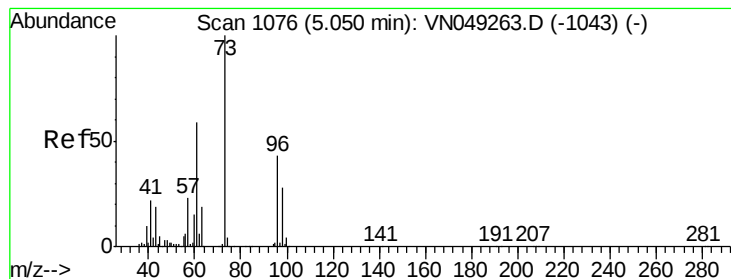
40000

20000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 20.05 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

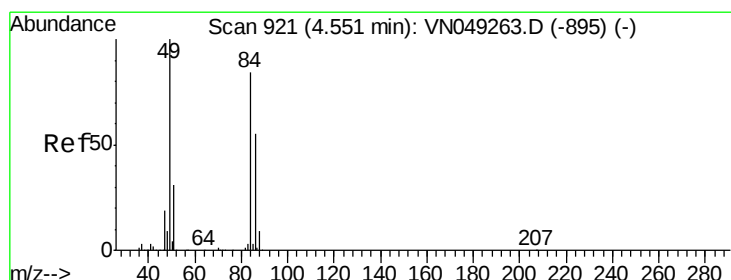
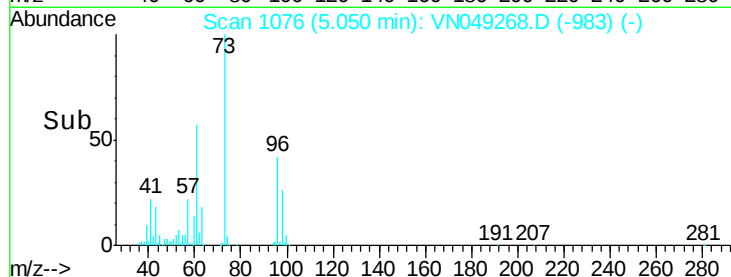
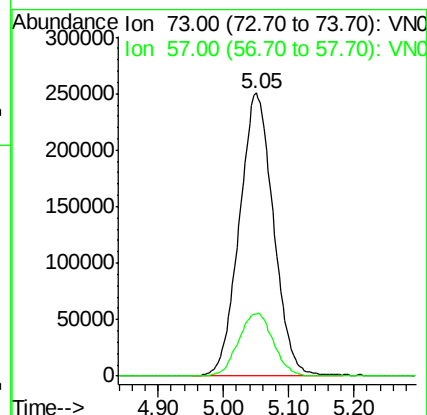
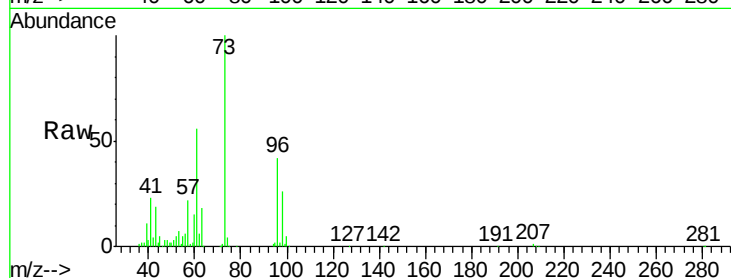
ClientSampled :

Tot Ion: 73 Resp: 909270

Ion Ratio Lower Upper

73 100

57 22.1 18.2 27.4



#20

Methylene Chloride

Concen: 18.85 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Tgt Ion: 84 Resp: 393287

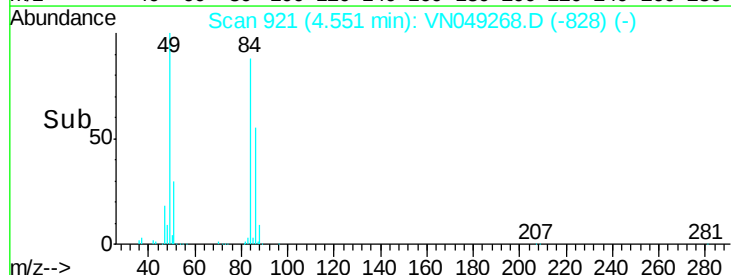
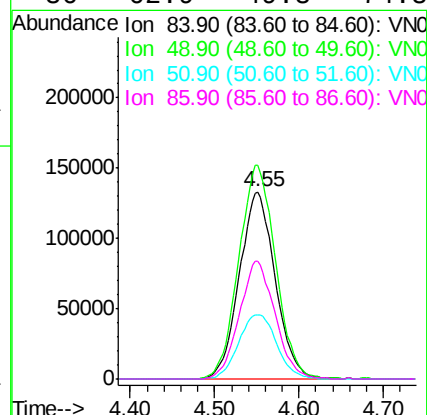
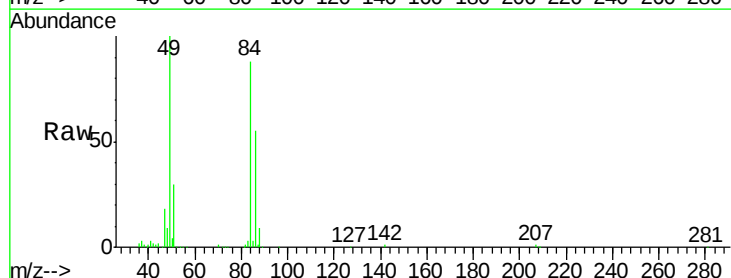
Ion Ratio Lower Upper

84 100

49 113.9 106.9 160.3

51 34.4 32.7 49.1

86 62.9 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 18.80 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

ClientSampleId :

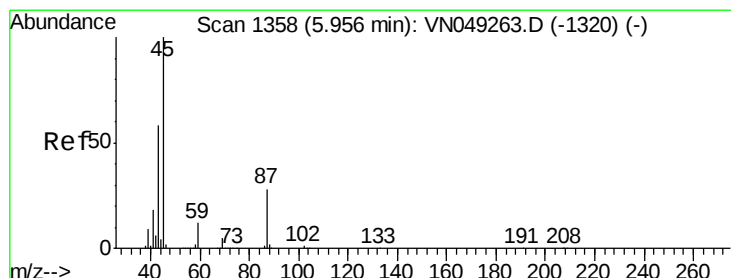
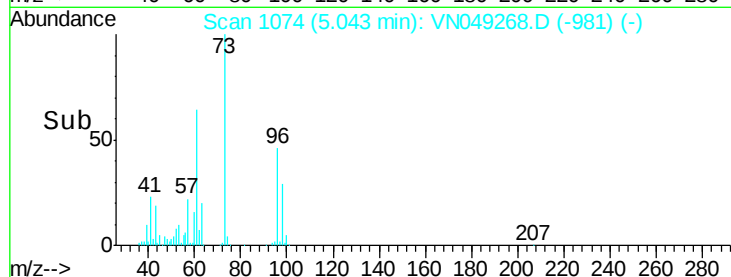
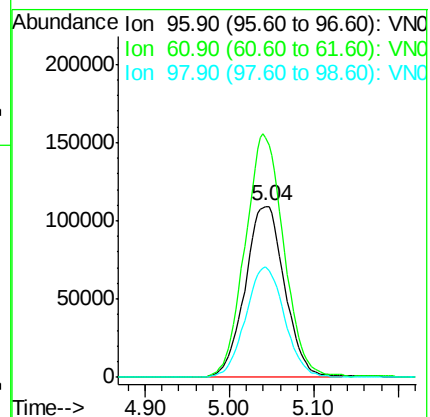
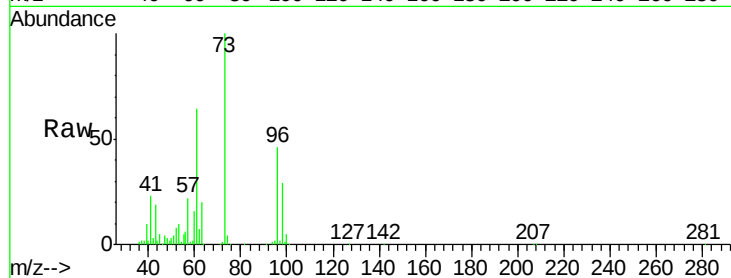
Tot Ion: 96 Resp: 354019

Ion Ratio Lower Upper

96 100

61 140.9 121.3 181.9

98 64.6 52.0 78.0



#22

Diisopropyl ether

Concen: 20.08 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Tgt Ion: 45 Resp: 1125945

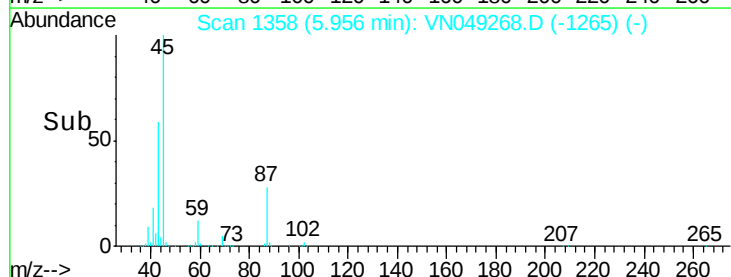
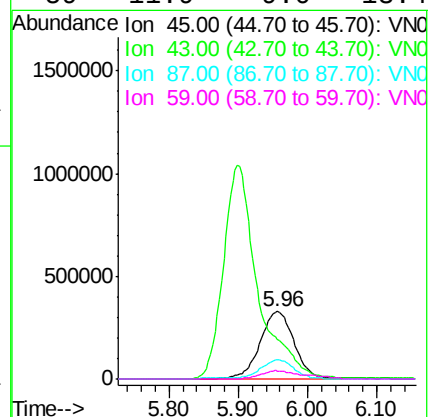
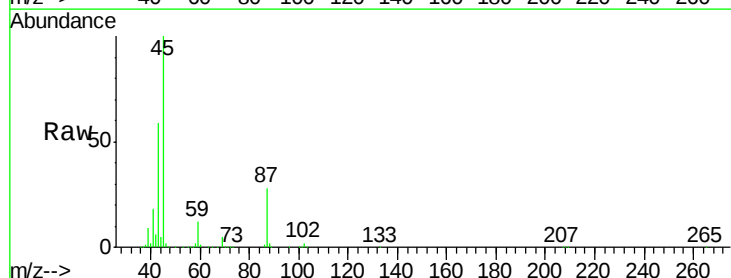
Ion Ratio Lower Upper

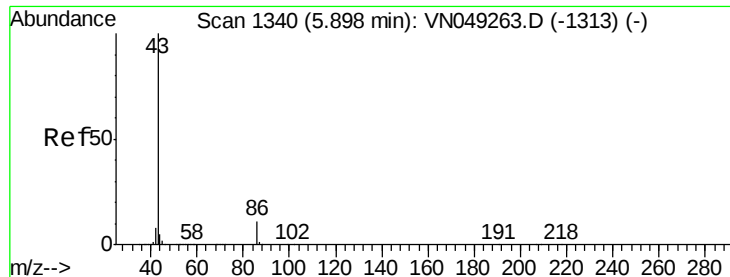
45 100

43 58.6 48.6 72.8

87 27.6 20.2 30.2

59 11.9 9.0 13.4





#23

Vinyl Acetate

Concen: 98.54 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

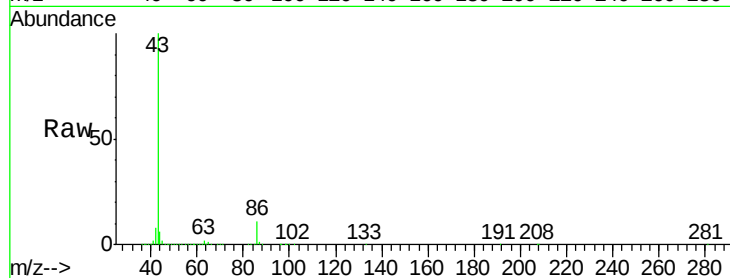
ClientSampled :

Tot Ion: 43 Resp: 3602176

Ion Ratio Lower Upper

43 100

86 10.8 7.2 10.8#



Abundance Ion 43.00 (42.70 to 43.70): VN049268.D (-1247) (-)

Ion 86.00 (85.70 to 86.70): VN049268.D (-1247) (-)

1200000

1000000

800000

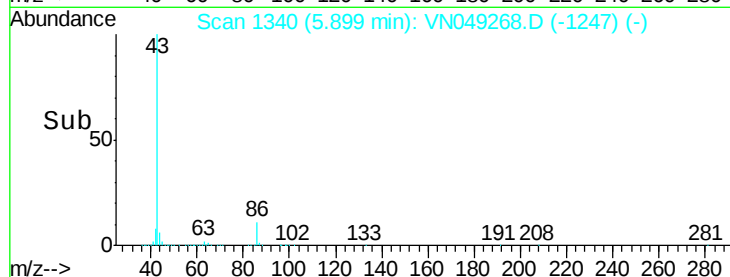
600000

400000

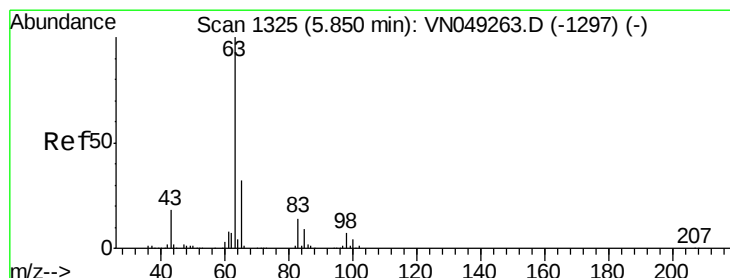
200000

0

5.70 5.80 5.90 6.00 6.10



Time-->



#24

1,1-Dichloroethane

Concen: 19.25 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

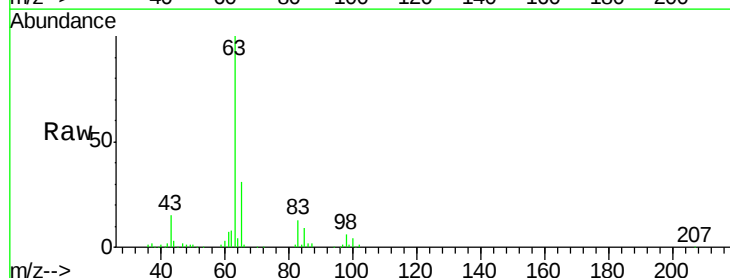
Tgt Ion: 63 Resp: 690918

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

100 3.6 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN049268.D (-1232) (-)

Ion 97.90 (97.60 to 98.60): VN049268.D (-1232) (-)

Ion 99.90 (99.60 to 100.60): VN049268.D (-1232) (-)

300000

250000

200000

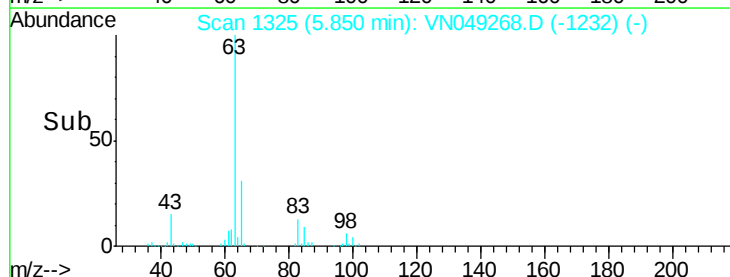
150000

100000

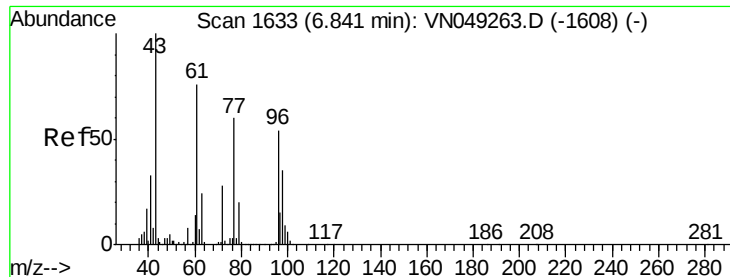
50000

0

5.70 5.80 5.90 6.00



Time-->



#25

2-Butanone

Concen: 97.17 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

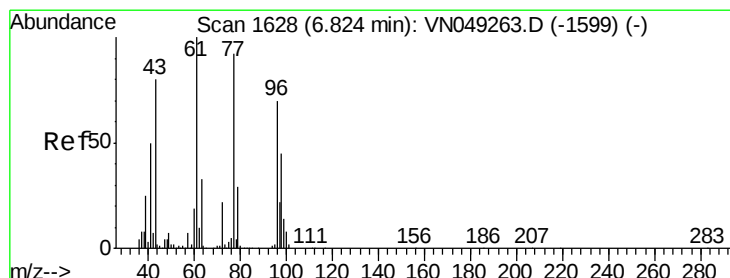
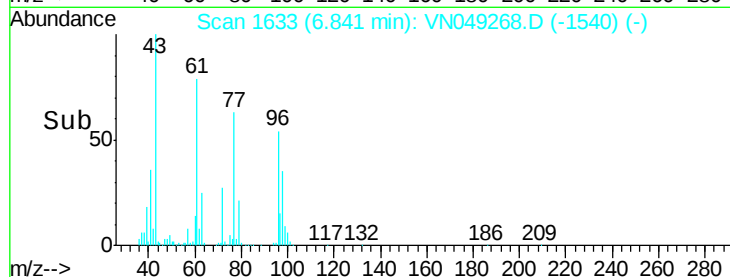
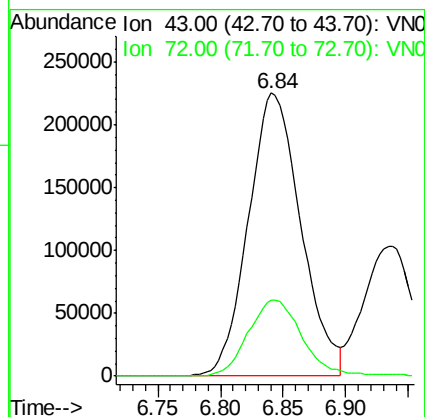
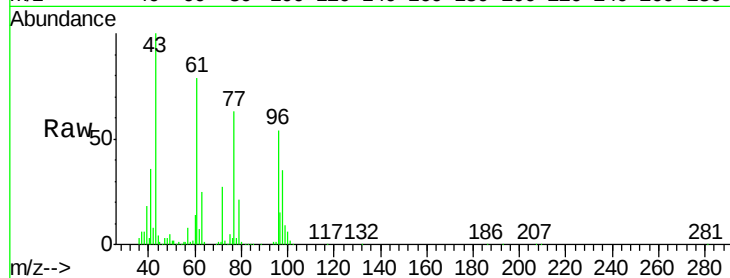
ClientSampled :

Tot Ion: 43 Resp: 651732

Ion Ratio Lower Upper

43 100

72 26.9 20.2 30.2



#26

2,2-Dichloropropane

Concen: 19.66 ug/l

RT: 6.82 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VN049268.D

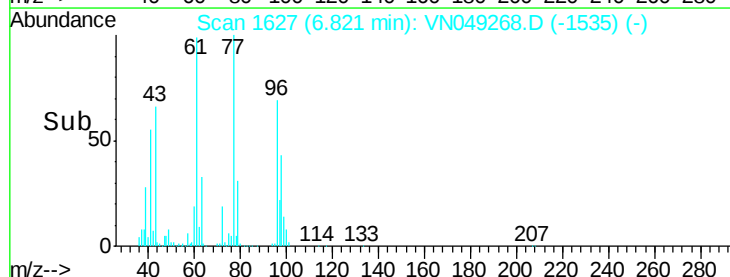
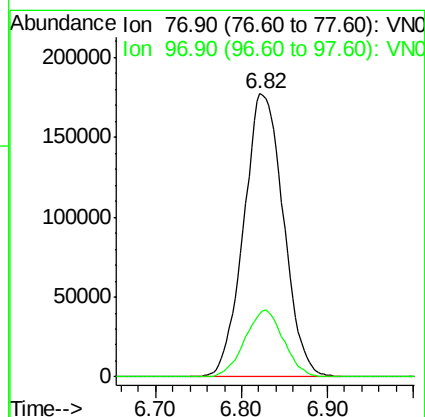
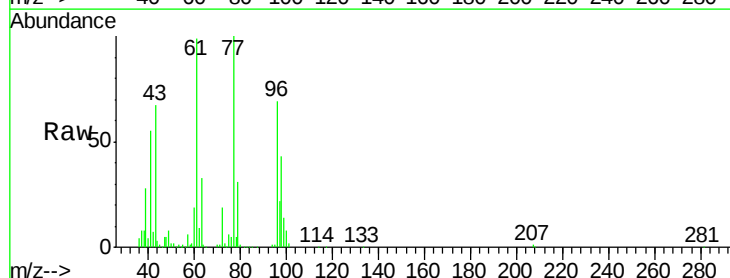
Acq: 15 Jun 2018 19:17

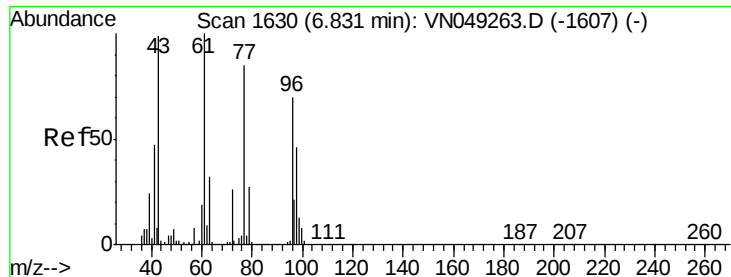
Tgt Ion: 77 Resp: 569850

Ion Ratio Lower Upper

77 100

97 23.1 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 19.53 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :
MSVOA_N
ClientSampled :

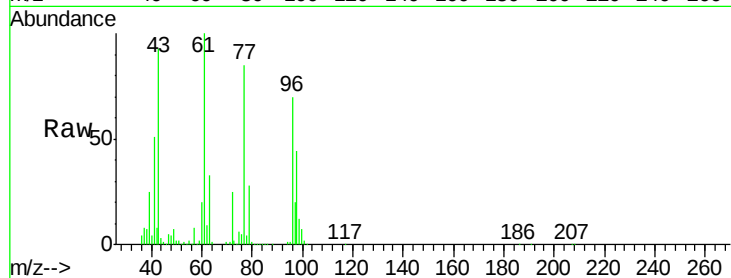
Tot Ion: 96 Resp: 408902

Ion Ratio Lower Upper

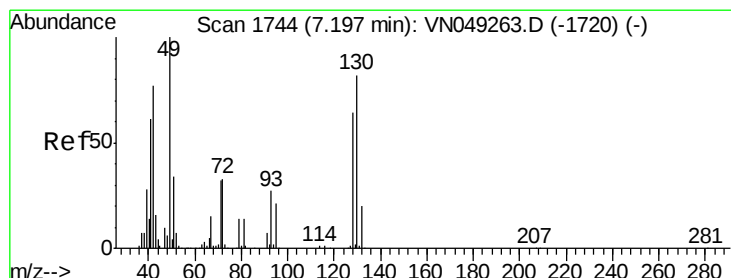
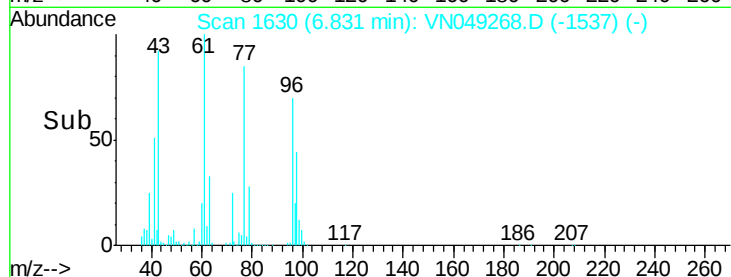
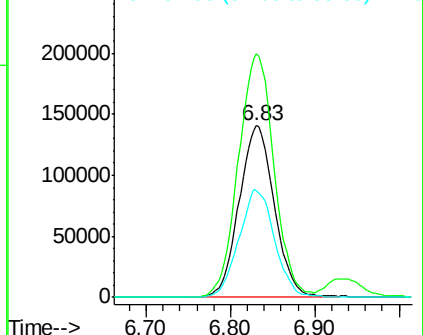
96 100

61 142.9 0.0 316.4

98 63.4 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.09 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

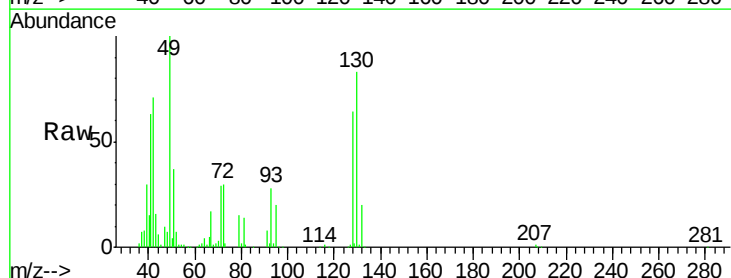
Tgt Ion: 49 Resp: 319714

Ion Ratio Lower Upper

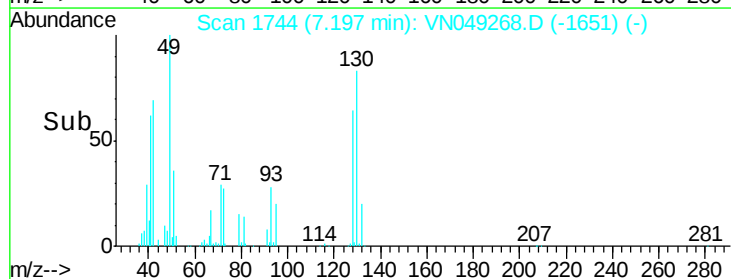
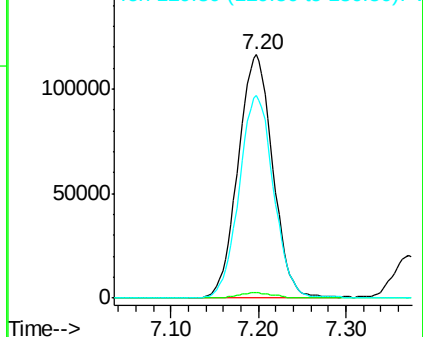
49 100

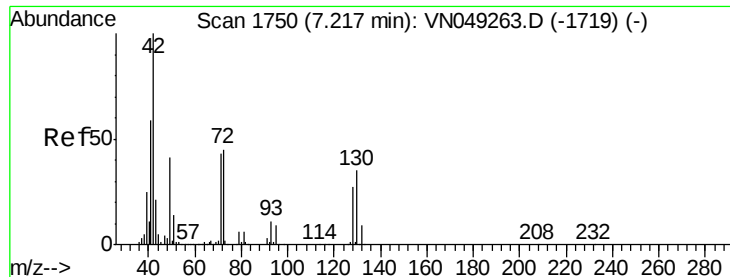
129 2.2 0.0 3.8

130 82.5 54.9 82.3#



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 97.75 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

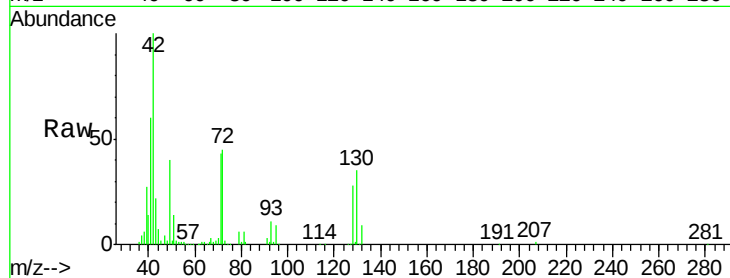
Tot Ion: 42 Resp: 422045

Ion Ratio Lower Upper

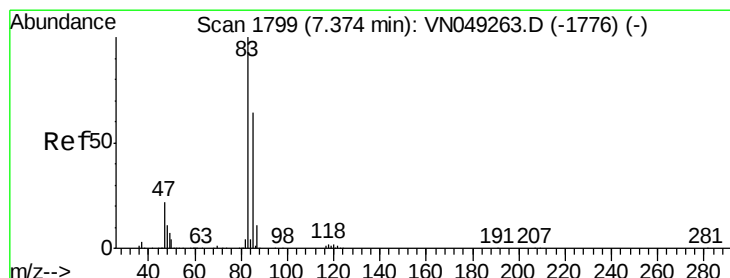
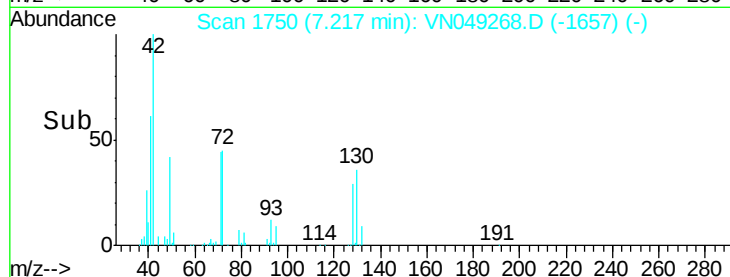
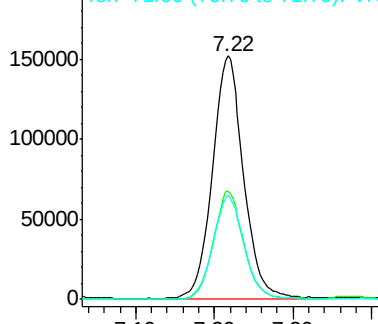
42 100

72 43.2 32.2 48.4

71 42.5 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.36 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049268.D

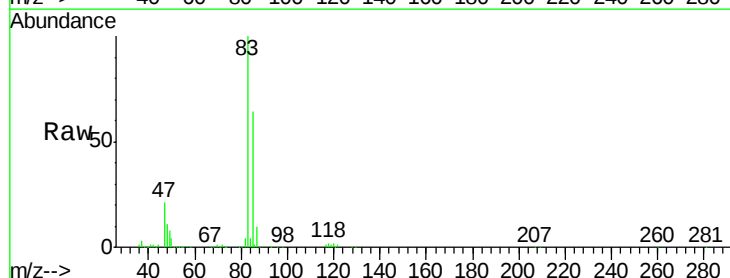
Acq: 15 Jun 2018 19:17

Tgt Ion: 83 Resp: 691423

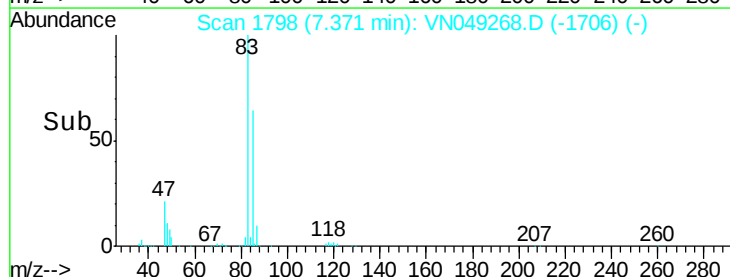
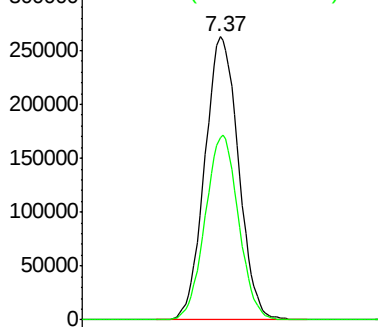
Ion Ratio Lower Upper

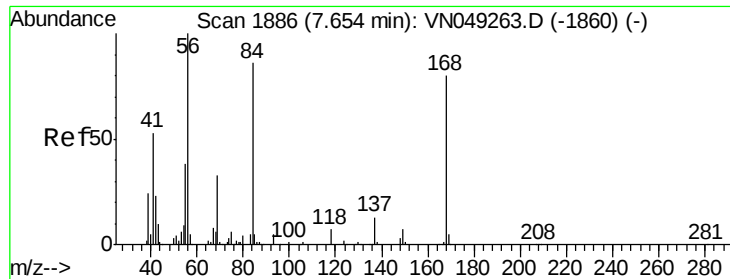
83 100

85 64.4 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

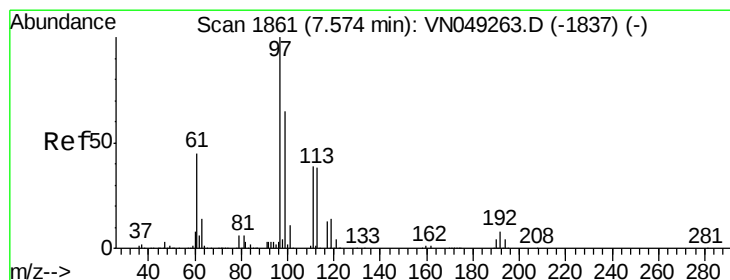
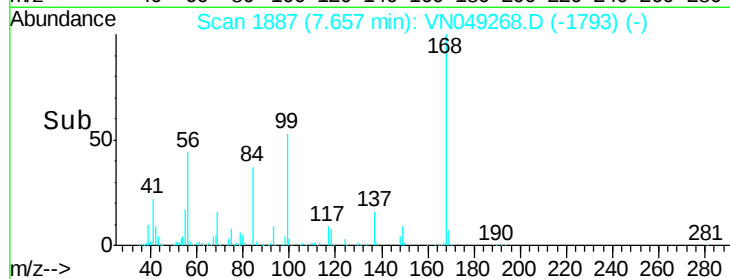
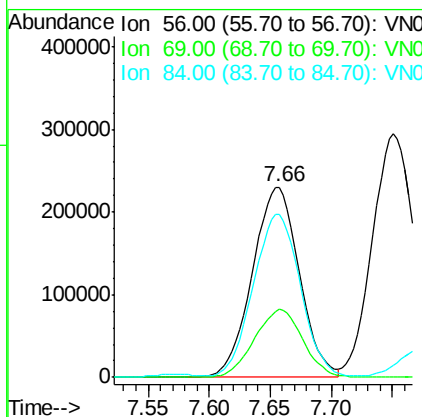
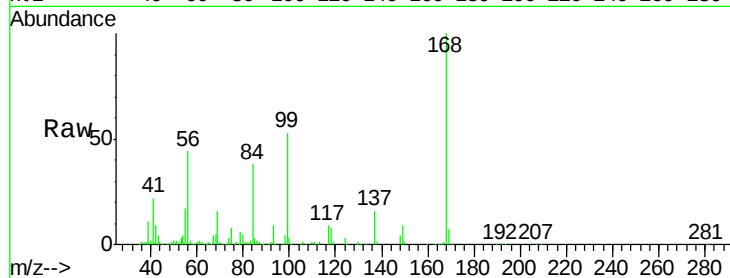




#31
Cyclohexane
Concen: 20.06 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

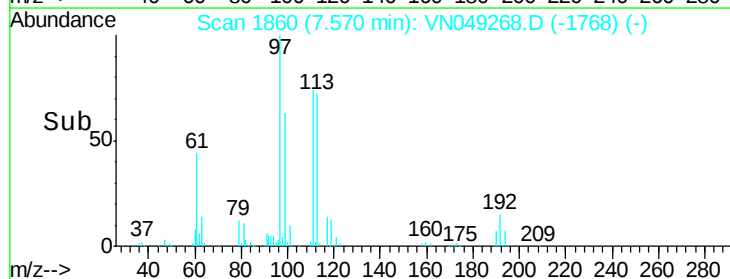
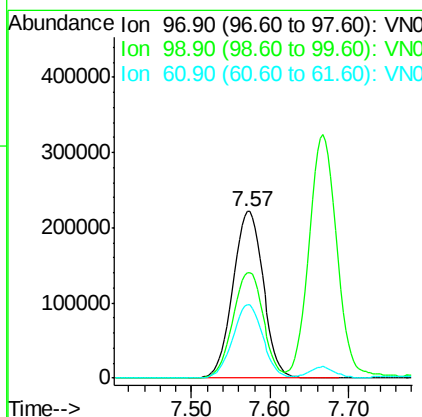
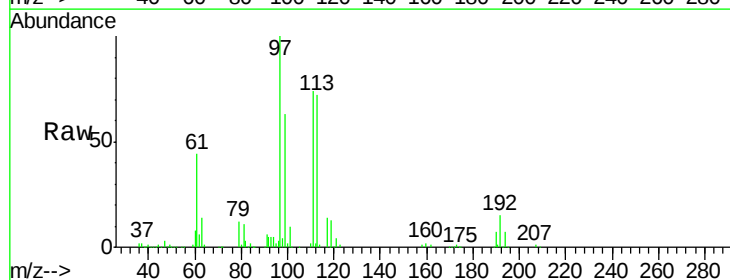
Instrument :
MSVOA_N
ClientSampleId :

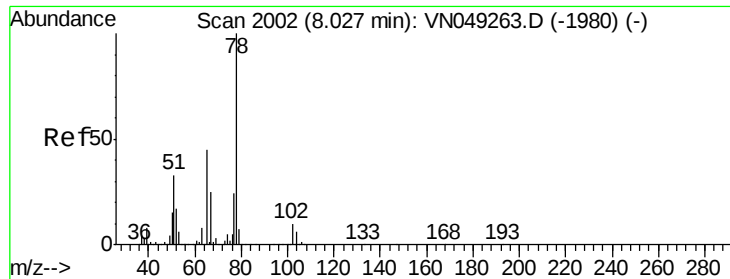
Tot Ion	56	Resp	613645
Ion Ratio	100	Lower	Upper
56	100		
69	35.7	25.0	37.4
84	84.4	64.6	96.8



#32
1,1,1-Trichloroethane
Concen: 19.70 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

Tgt Ion	97	Resp	600335
Ion Ratio	100	Lower	Upper
97	100		
99	63.5	50.5	75.7
61	43.5	37.9	56.9





#33

1,2-Dichloroethane-d4

Concen: 50.87 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

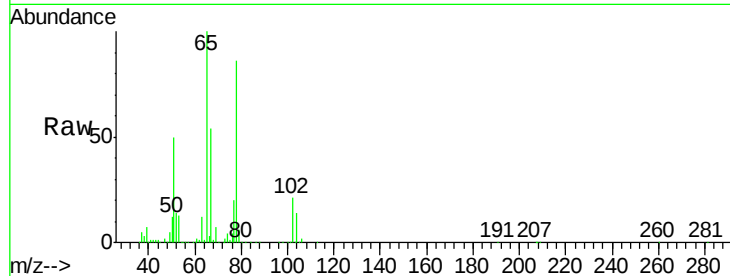
ClientSampled :

Tot Ion: 65 Resp: 1046433

Ion Ratio Lower Upper

65 100

67 54.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049268.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049268.D (-1980) (-)

8.03

500000

400000

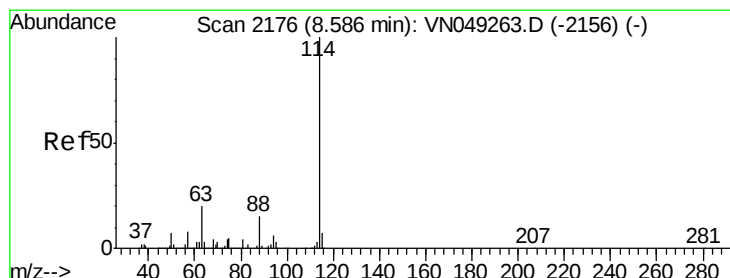
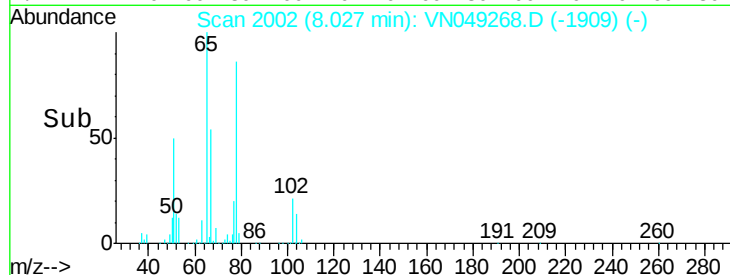
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

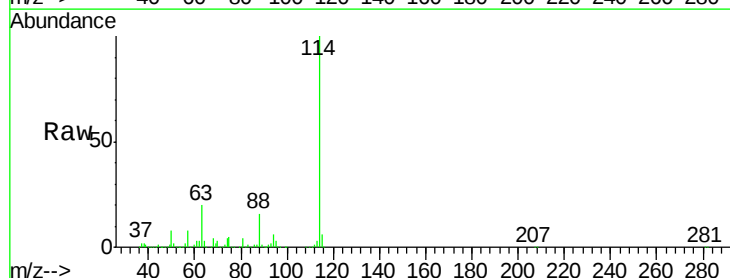
Tgt Ion: 114 Resp: 2307102

Ion Ratio Lower Upper

114 100

63 19.6 0.0 44.4

88 15.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049268.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049268.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049268.D (-2156) (-)

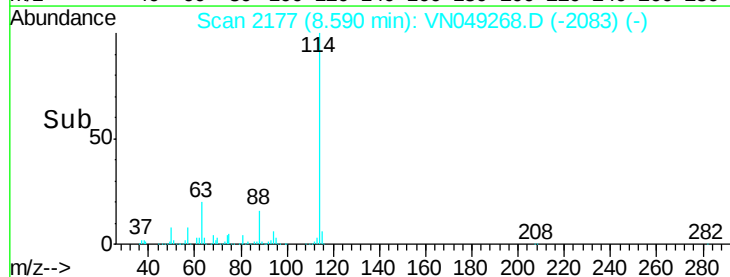
8.59

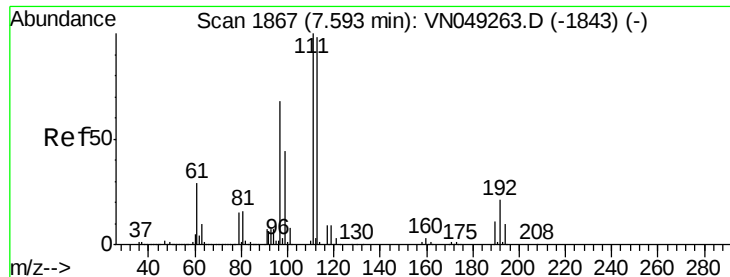
1000000

500000

0

Time-->

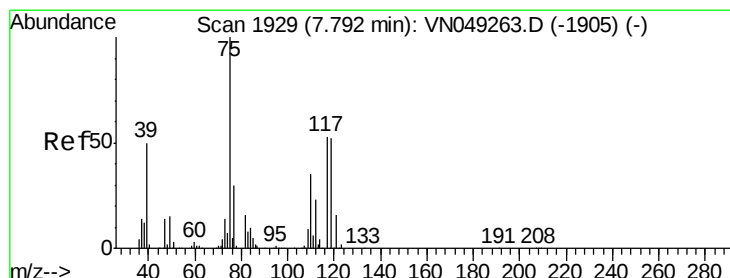
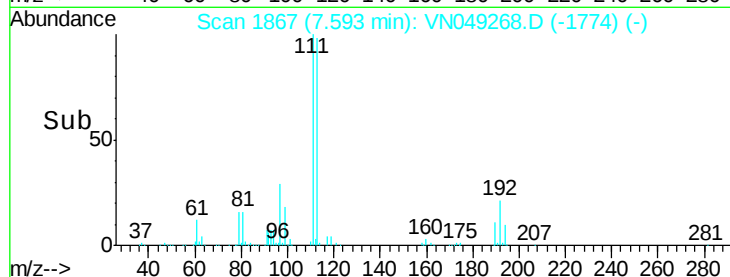
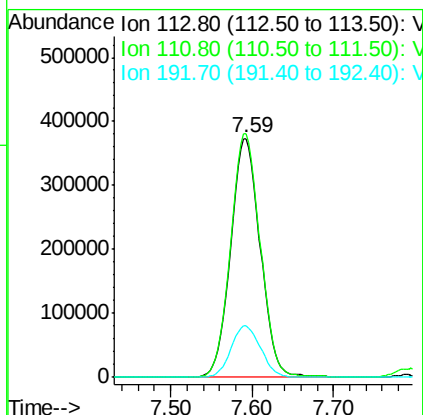
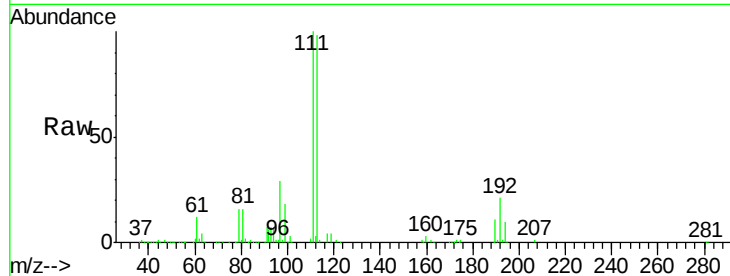




#35
 Dibromofluoromethane
 Concen: 50.66 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

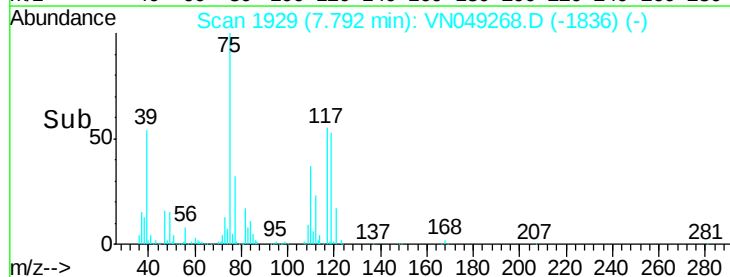
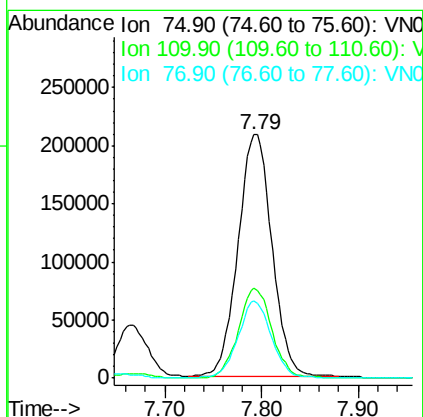
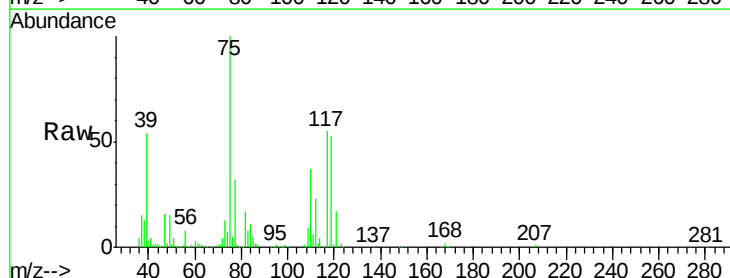
Instrument :
 MSVOA_N
 ClientSampleId :

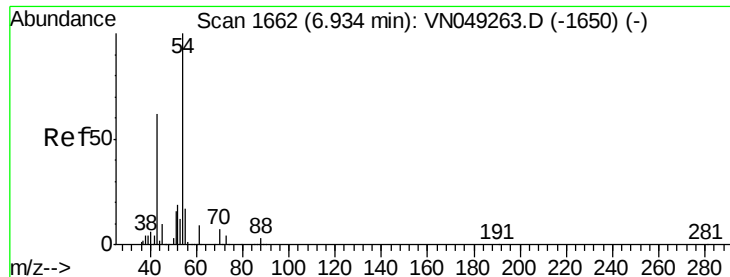
Tot Ion:113 Resp: 945618
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 21.6 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 19.27 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

Tgt Ion: 75 Resp: 509486
 Ion Ratio Lower Upper
 75 100
 110 36.8 17.0 50.9
 77 31.1 24.4 36.6

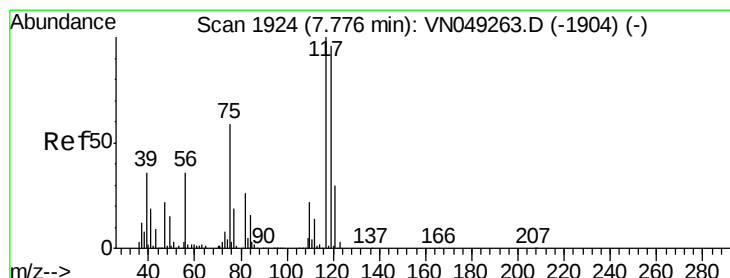
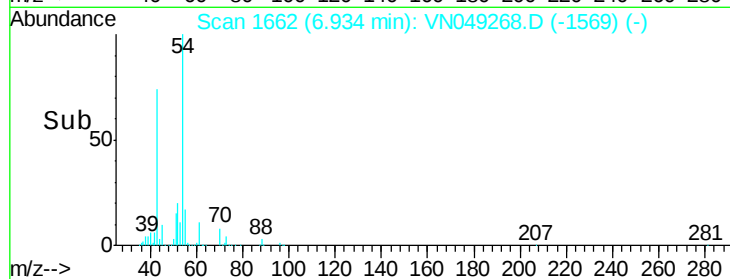
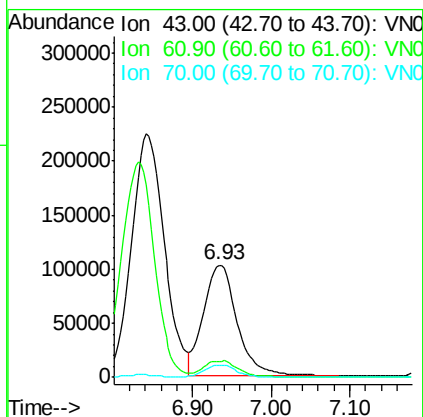
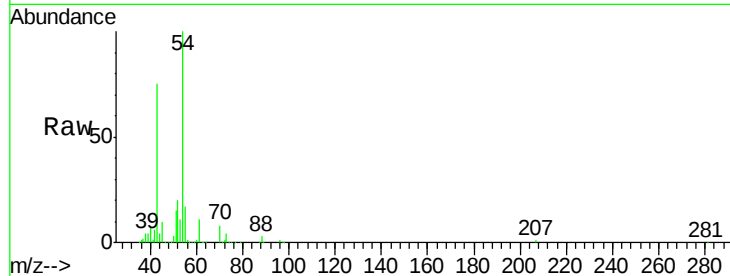




#37
Ethyl Acetate
Concen: 21.23 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

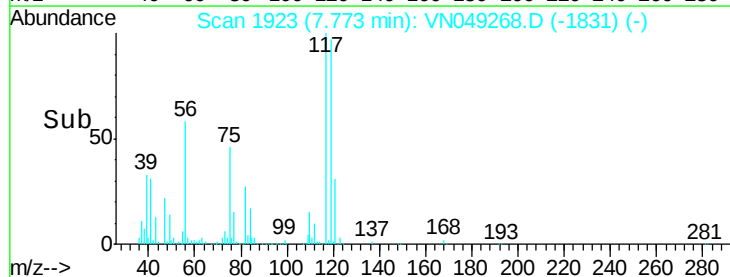
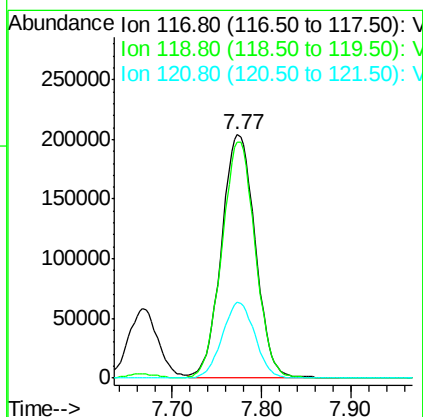
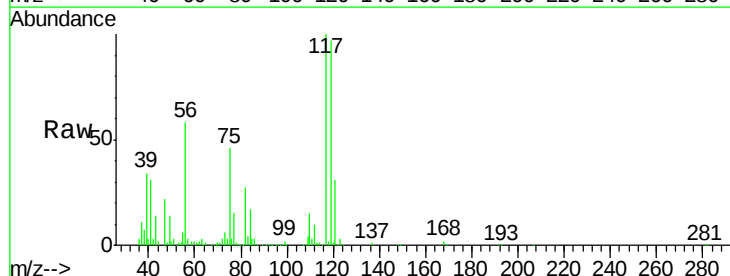
Instrument :
MSVOA_N
ClientSampled :

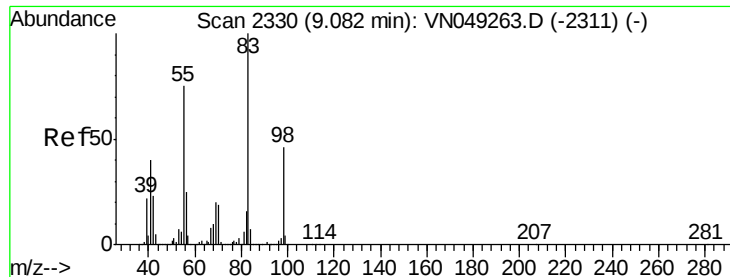
Tot Ion: 43 Resp: 305146
Ion Ratio Lower Upper
43 100
61 14.6 11.0 16.4
70 10.7 7.2 10.8



#38
Carbon Tetrachloride
Concen: 19.46 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

Tgt Ion: 117 Resp: 532805
Ion Ratio Lower Upper
117 100
119 97.1 75.6 113.4
121 31.0 24.7 37.1

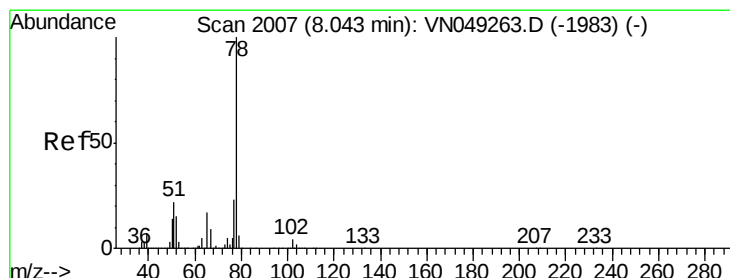
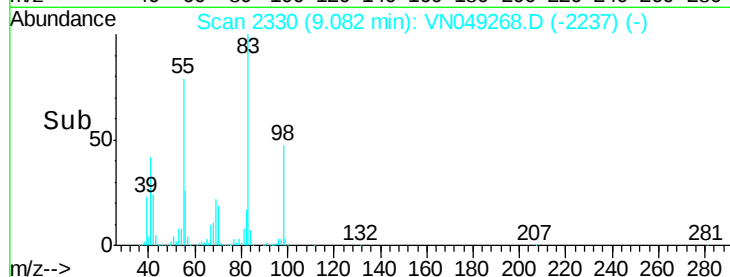
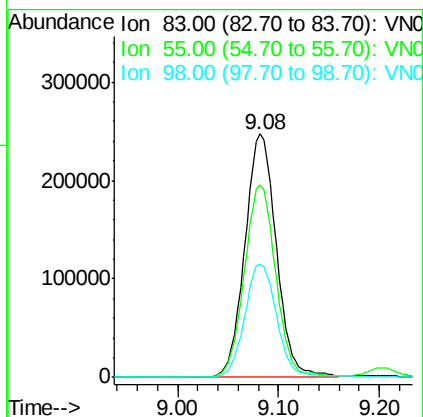
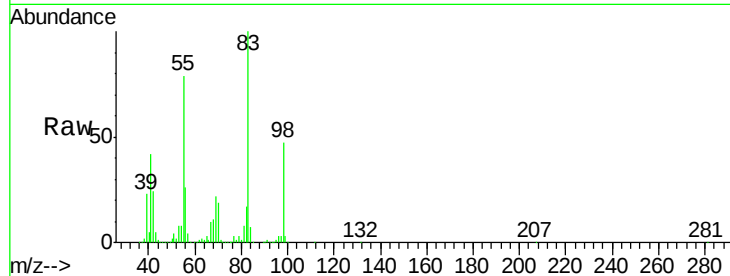




#39
Methvlcvclohexane
Concen: 18.78 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

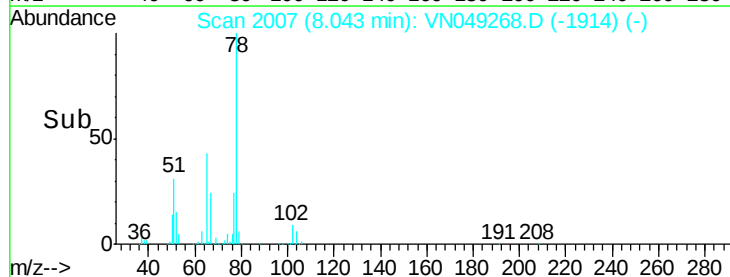
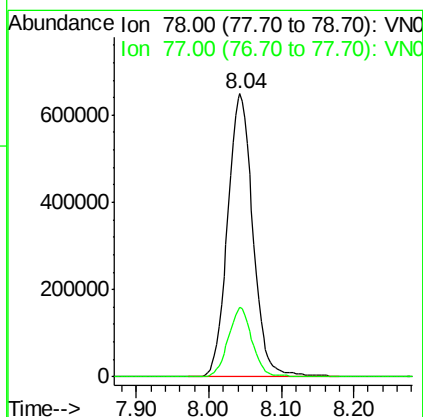
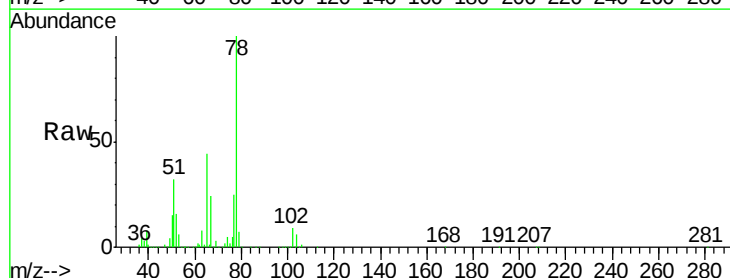
Instrument :
MSVOA_N
ClientSampleId :

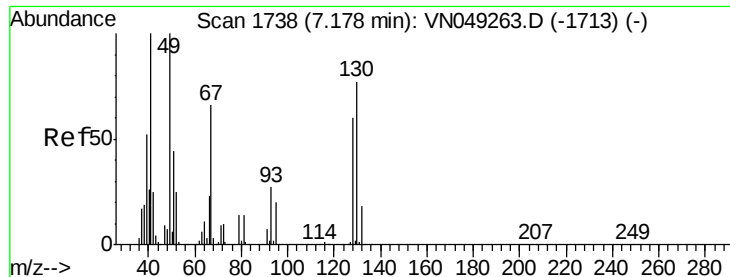
Tot Ion: 83 Resp: 533117
Ion Ratio Lower Upper
83 100
55 79.1 65.1 97.7
98 46.6 36.5 54.7



#40
Benzene
Concen: 19.42 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

Tgt Ion: 78 Resp: 1573930
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0

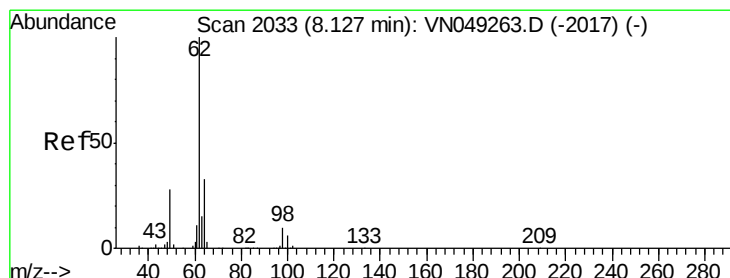
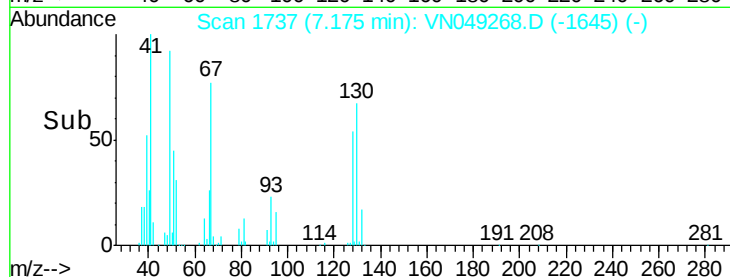
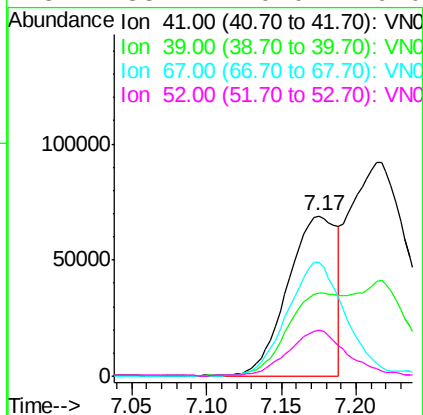
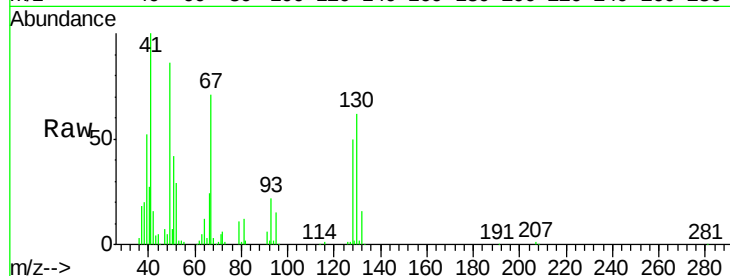




#41
Methacrylonitrile
Concen: 20.03 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

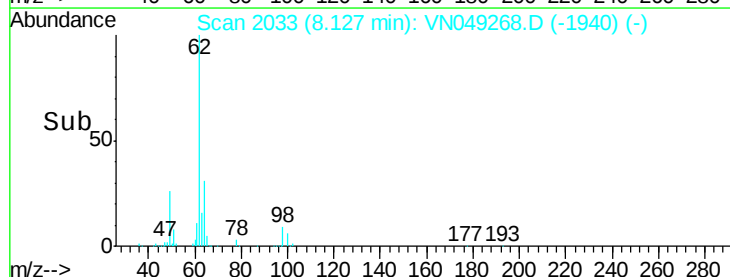
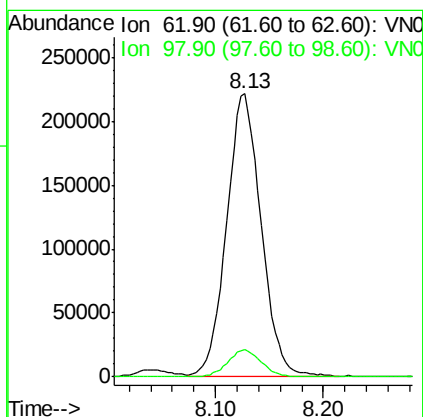
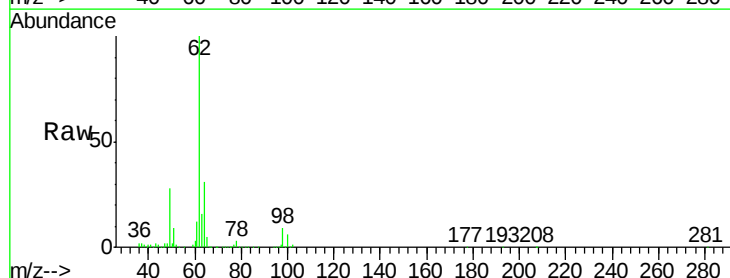
Instrument :
MSVOA_N
ClientSampled :

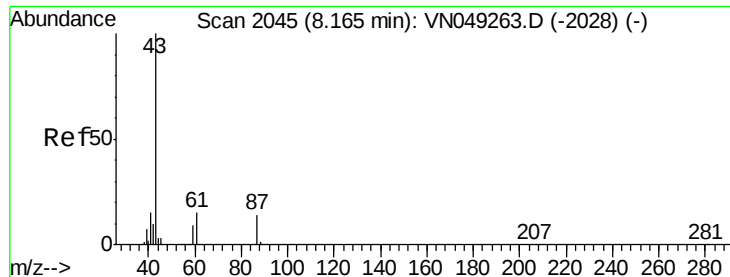
Tot Ion:	41	Resp:	155677
Ion	Ratio	Lower	Upper
41	100		
39	56.6	0.0	0.0#
67	87.0	0.0	0.0#
52	33.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.64 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

Tgt Ion:	62	Resp:	491956
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.2



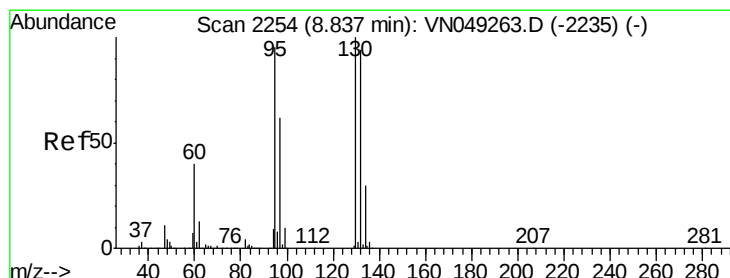
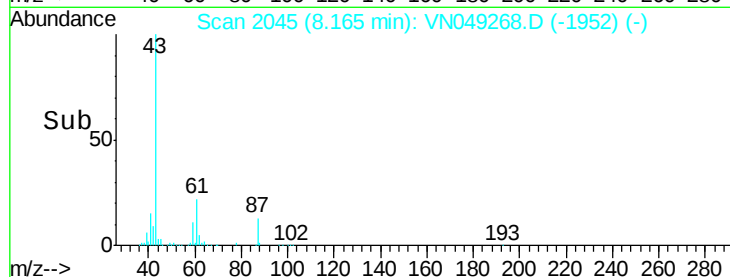
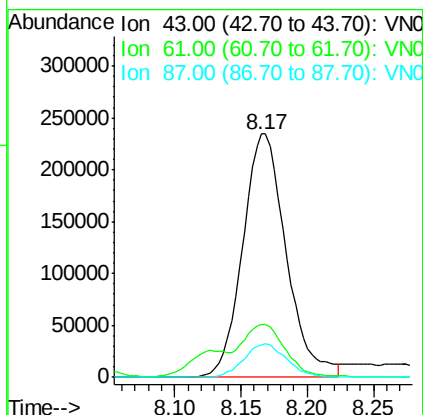
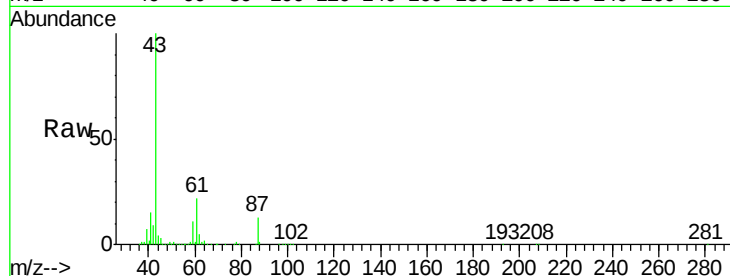


#43

Isopropyl Acetate
 Concen: 19.38 ug/l
 RT: 8.17 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

Instrument :
 MSVOA_N
 ClientSampleId :

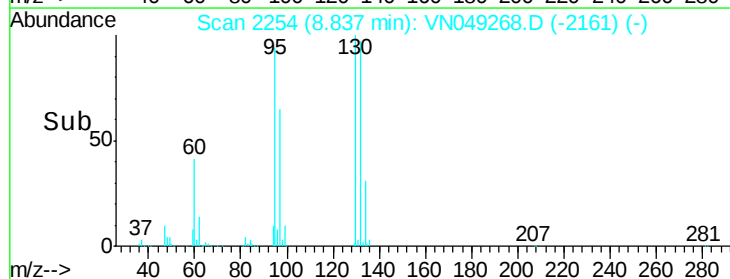
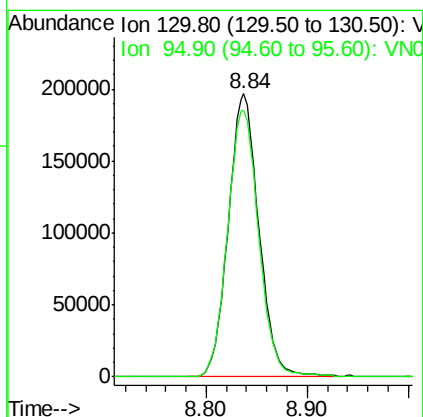
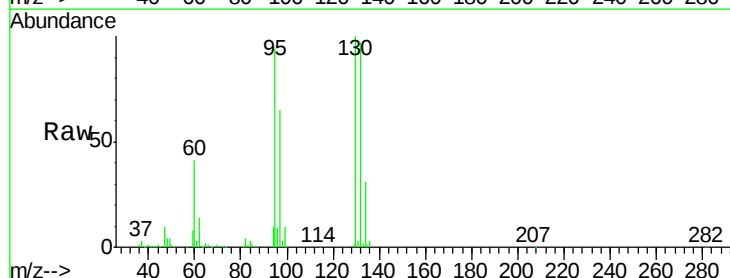
Tot Ion	43	Resp	532404
Ion Ratio	100		
Lower	14.2		
Upper	21.4		
61	21.1		
87	13.5		
	9.4		



#44

Trichloroethene
 Concen: 19.40 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

Tgt Ion	130	Resp	415339
Ion Ratio	100		
Lower	0.0		
Upper	208.6		
95	94.3		

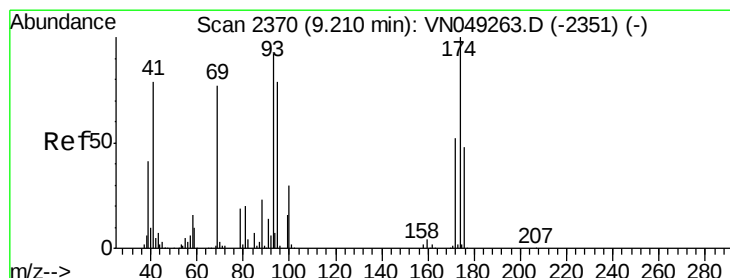
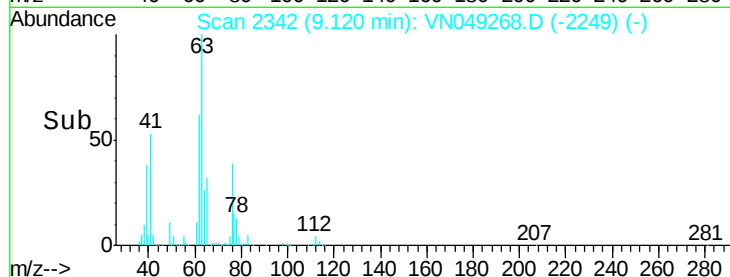
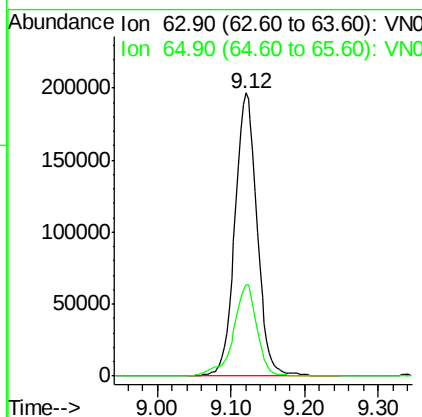
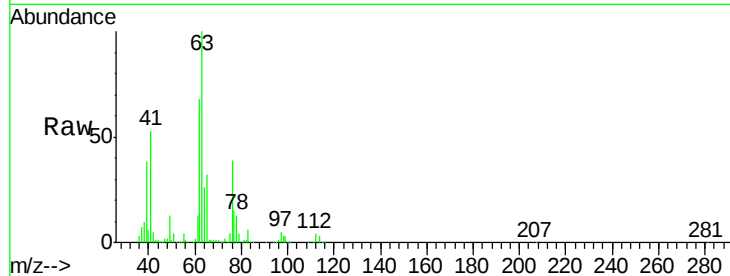




#45
 1,2-Dichloropropane
 Concen: 19.44 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

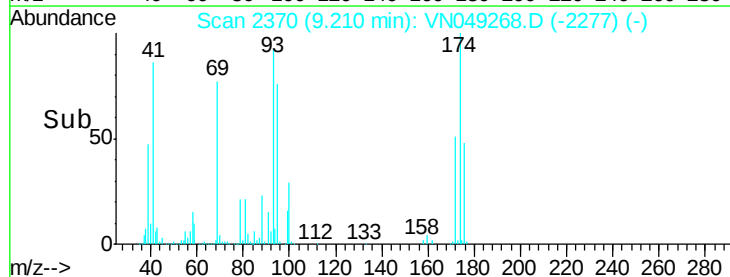
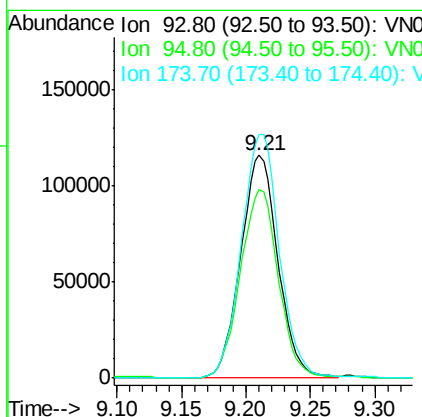
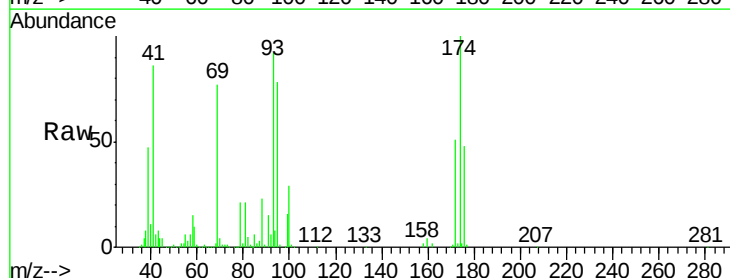
Instrument :
 MSVOA_N
 ClientSampled :

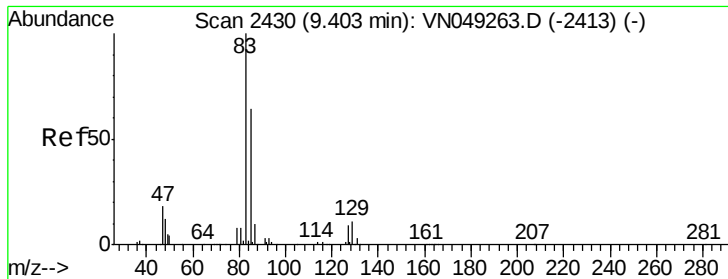
Tot Ion: 63 Resp: 412690
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.8 37.2



#46
 Dibromomethane
 Concen: 19.06 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

Tgt Ion: 93 Resp: 234578
 Ion Ratio Lower Upper
 93 100
 95 85.8 67.2 100.8
 174 111.2 75.6 113.4





#47

Bromodichloromethane

Concen: 19.34 ug/l

RT: 9.40 min Scan# 2430

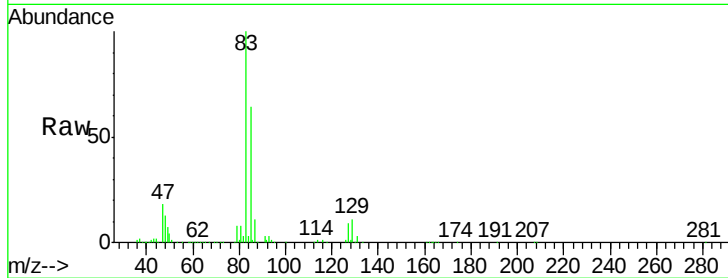
Delta R.T. 0.00 min

Lab File: VN049268.D

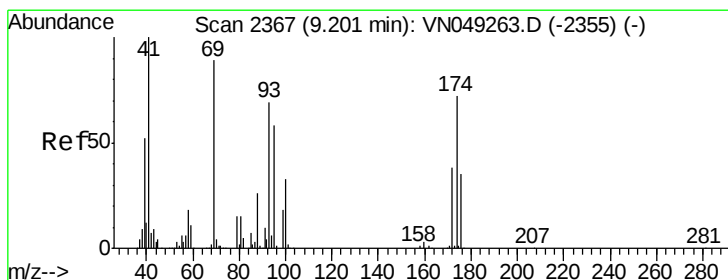
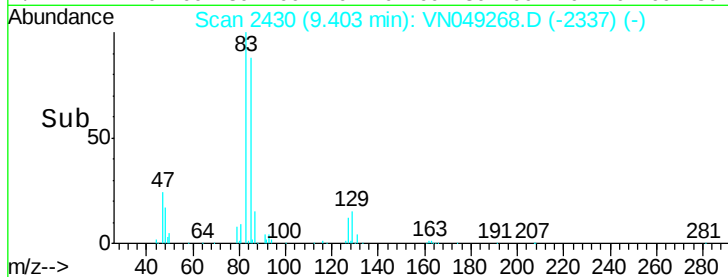
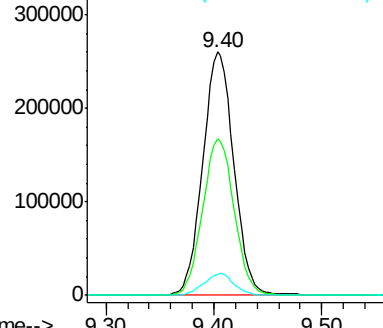
Acq: 15 Jun 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	83	Resp:	523164
Ion	Ratio	Lower	Upper
83	100		
85	64.2	49.4	74.0
127	8.8	6.3	9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049268.D (-2337) (-)



#48

Methyl methacrylate

Concen: 20.03 ug/l

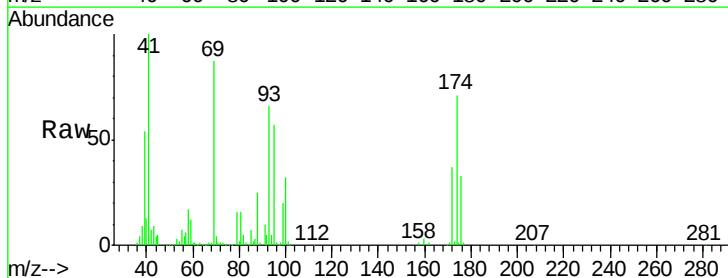
RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

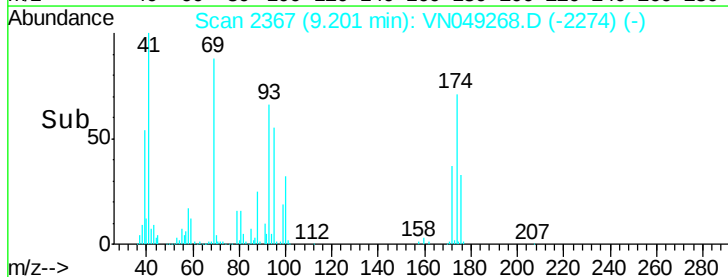
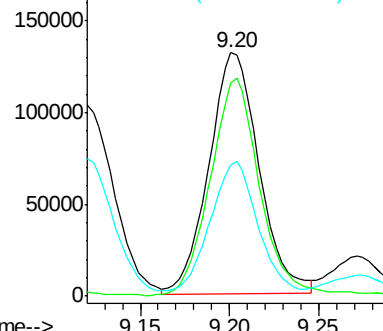
Lab File: VN049268.D

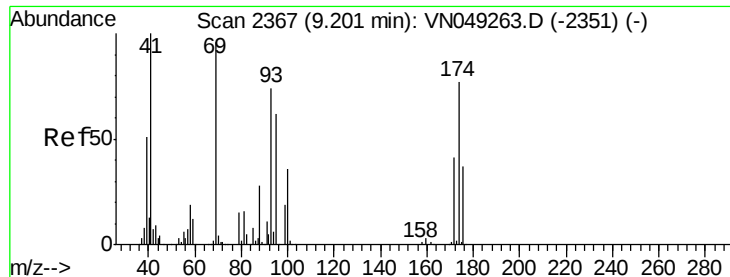
Acq: 15 Jun 2018 19:17

Tgt Ion:	41	Resp:	259061
Ion	Ratio	Lower	Upper
41	100		
69	88.4	62.0	93.0
39	54.1	50.6	75.8



Abundance Ion 41.00 (40.70 to 41.70): VN049268.D (-2274) (-)





#49

1,4-Dioxane

Concen: 398.62 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :
MSVOA_N
ClientSampled :

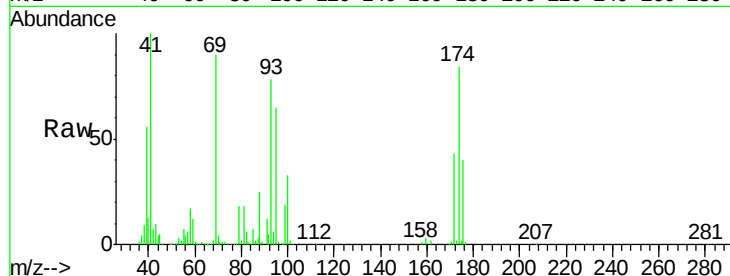
Tot Ion: 88 Resp: 71157

Ion Ratio Lower Upper

88 100

43 32.0 30.9 46.3

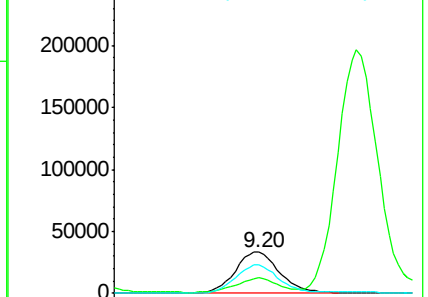
58 66.6 58.9 88.3



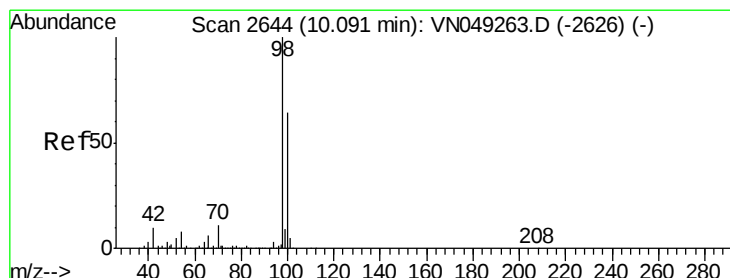
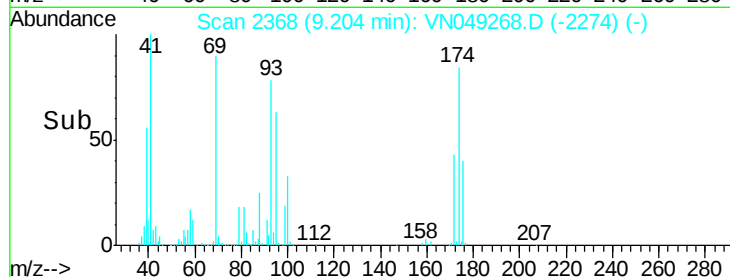
Abundance Ion 88.00 (87.70 to 88.70): VN049268.D (-2274) (-)

Ion 43.00 (42.70 to 43.70): VN049268.D (-2274) (-)

Ion 58.00 (57.70 to 58.70): VN049268.D (-2274) (-)



Time-->



#50

Toluene-d8

Concen: 50.54 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049268.D

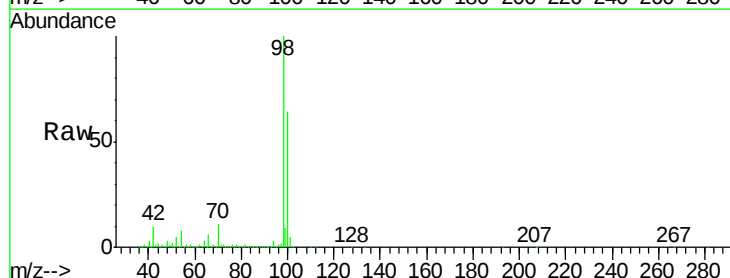
Acq: 15 Jun 2018 19:17

Tgt Ion: 98 Resp: 3592189

Ion Ratio Lower Upper

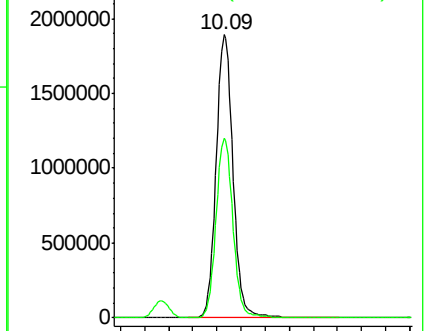
98 100

100 63.9 49.8 74.8

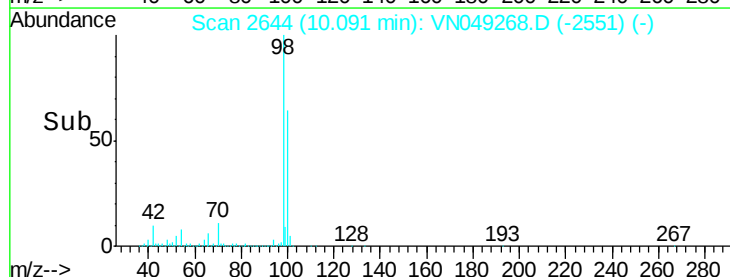


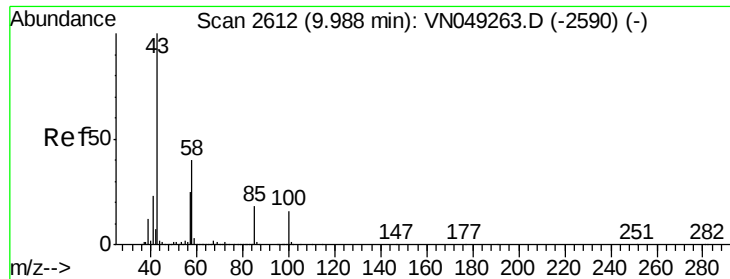
Abundance Ion 98.00 (97.70 to 98.70): VN049268.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049268.D (-2551) (-)



Time-->





#51

4-Methyl-2-Pentanone

Concen: 99.90 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

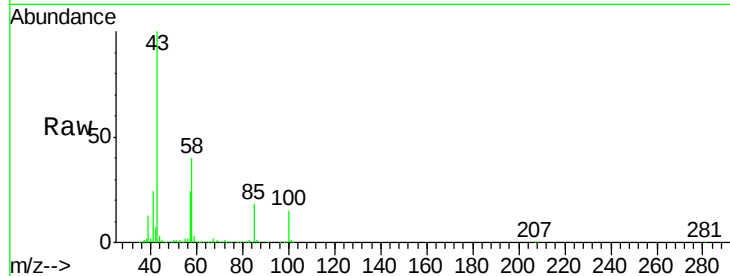
ClientSampled :

Tot Ion: 43 Resp: 1438076

Ion Ratio Lower Upper

43 100

58 40.1 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049268.D (-2519) (-)

Ion 58.00 (57.70 to 58.70): VN049268.D (-2519) (-)

9.99

800000

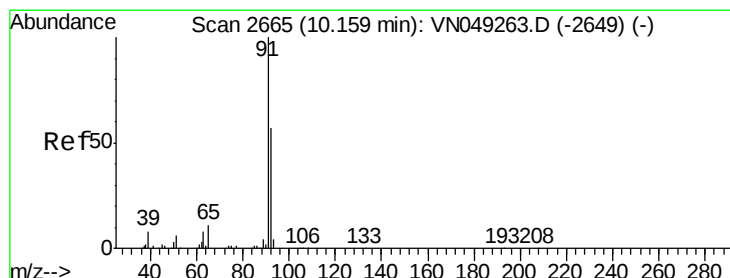
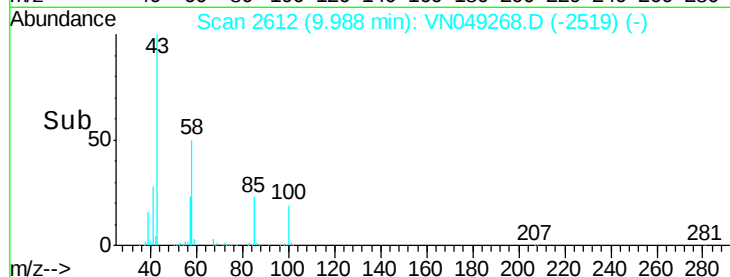
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 20.02 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049268.D

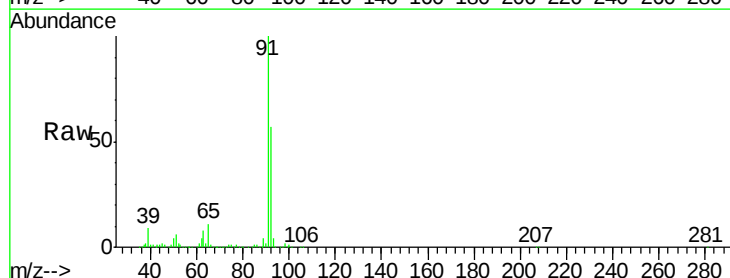
Acq: 15 Jun 2018 19:17

Tgt Ion: 92 Resp: 952294

Ion Ratio Lower Upper

92 100

91 176.7 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN049268.D (-2572) (-)

Ion 91.00 (90.70 to 91.70): VN049268.D (-2572) (-)

1000000

800000

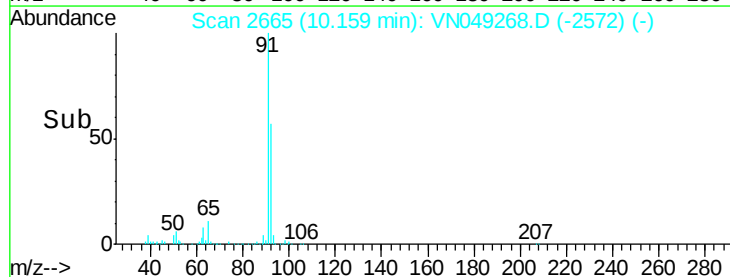
600000

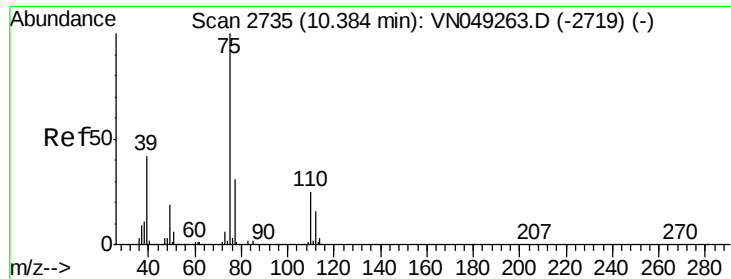
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.91 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

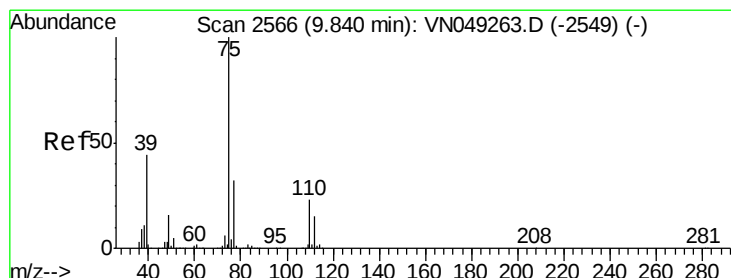
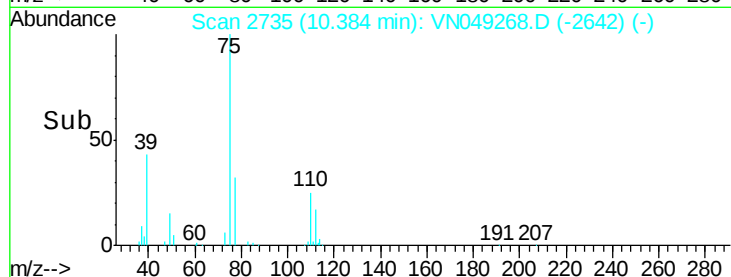
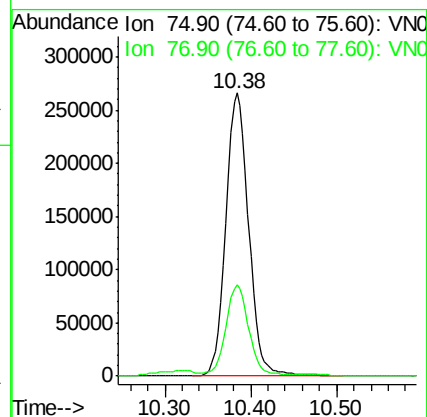
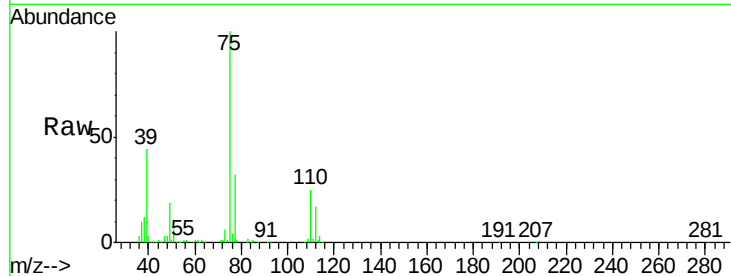
ClientSampled :

Tot Ion: 75 Resp: 489165

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.12 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

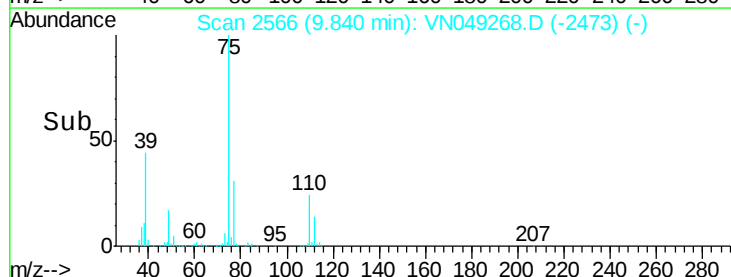
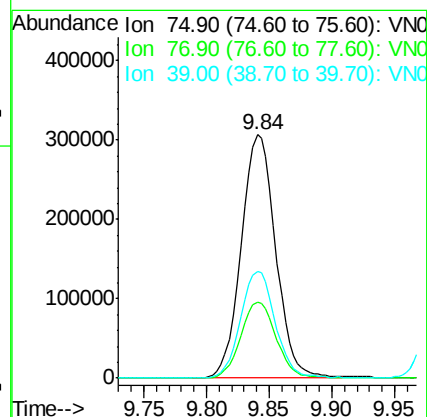
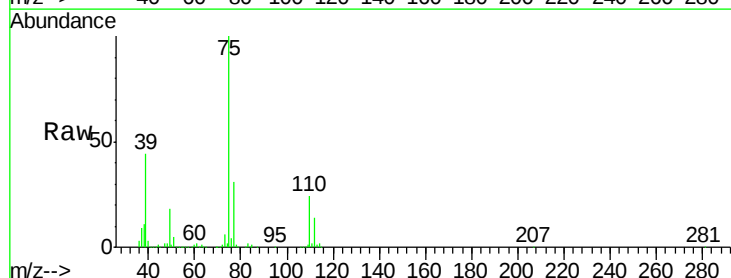
Tgt Ion: 75 Resp: 584213

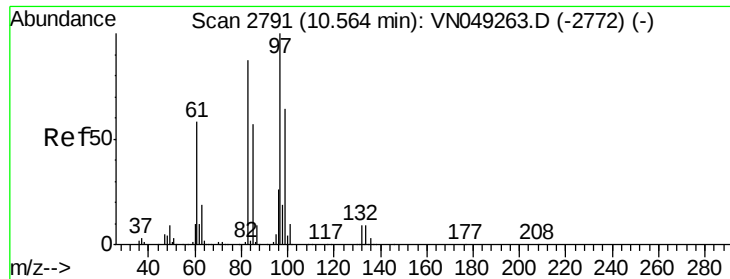
Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 43.9 45.1 67.7#

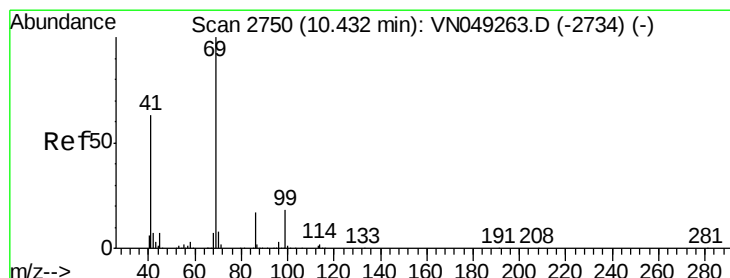
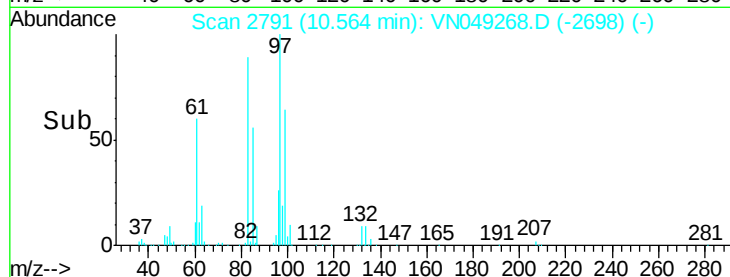
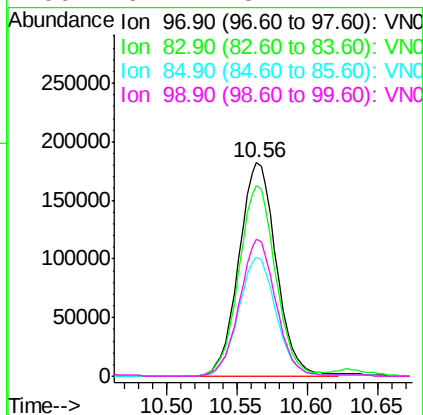
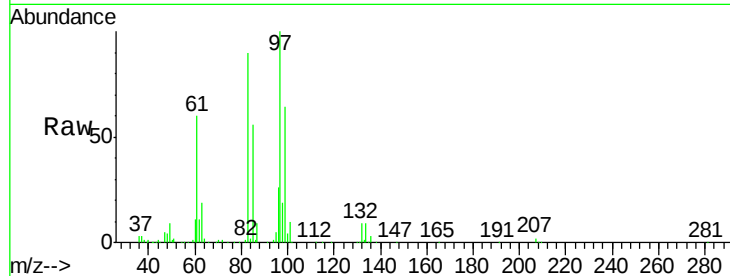




#55
 1,1,2-Trichloroethane
 Concen: 19.11 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

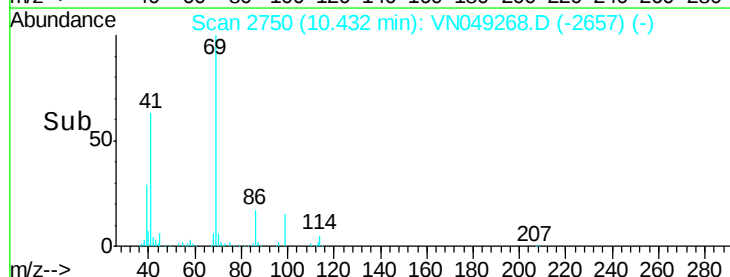
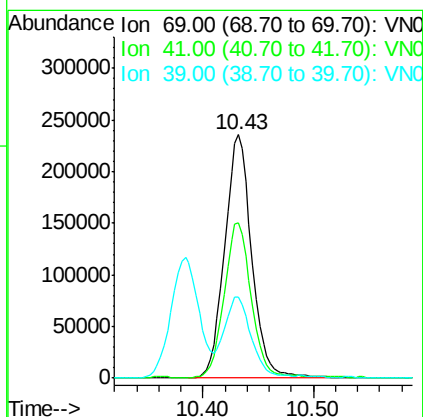
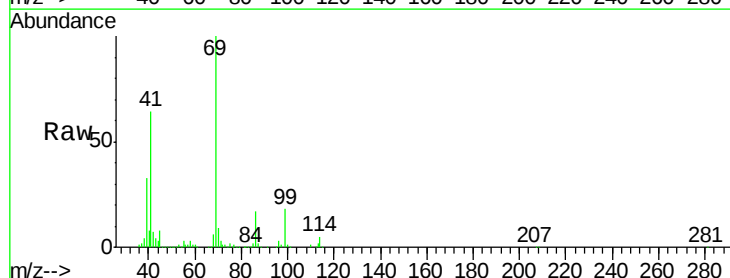
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	338923
Ion	Ratio	Lower	Upper
97	100		
83	89.5	71.5	107.3
85	56.0	47.0	70.4
99	64.2	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 19.62 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

Tgt Ion:	69	Resp:	401429
Ion	Ratio	Lower	Upper
69	100		
41	63.3	58.4	87.6
39	32.0	35.5	53.3#

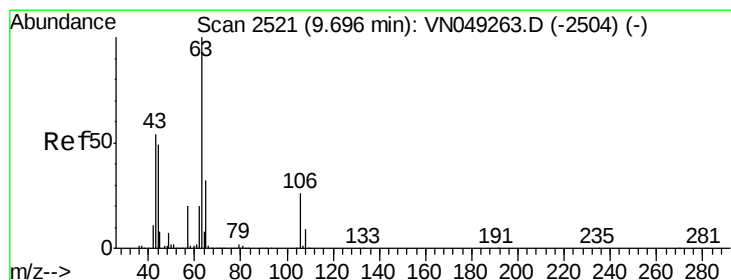
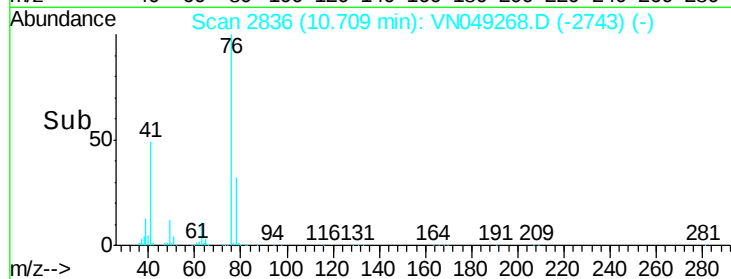
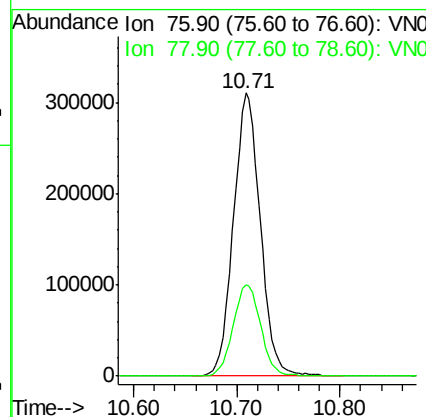
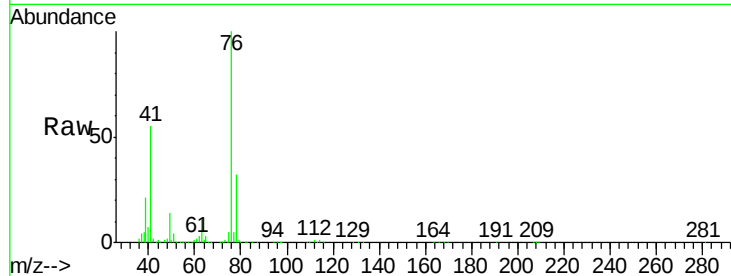




#57
 1,3-Dichloropropane
 Concen: 19.21 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

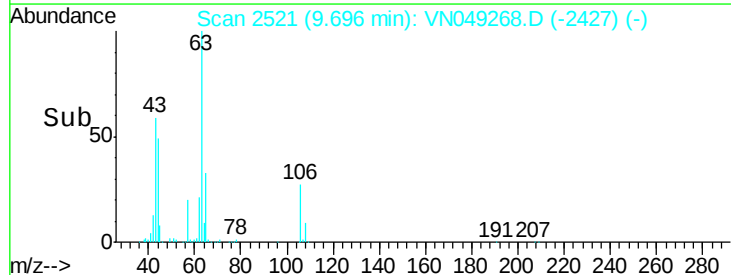
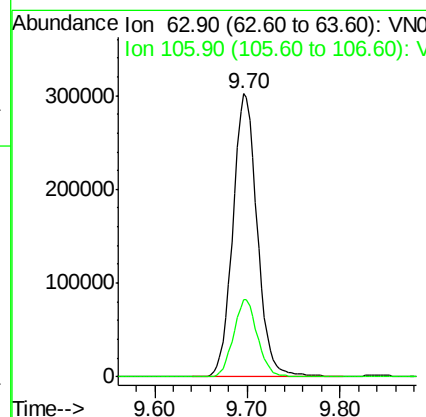
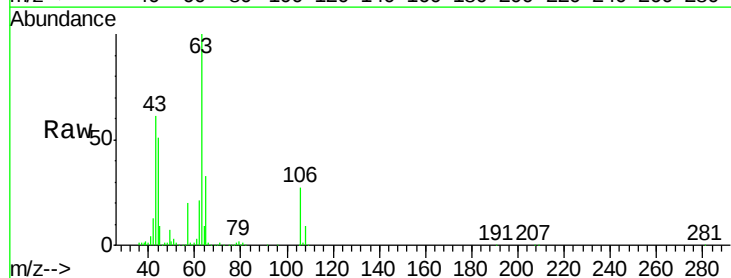
Instrument :
 MSVOA_N
 ClientSampleId :

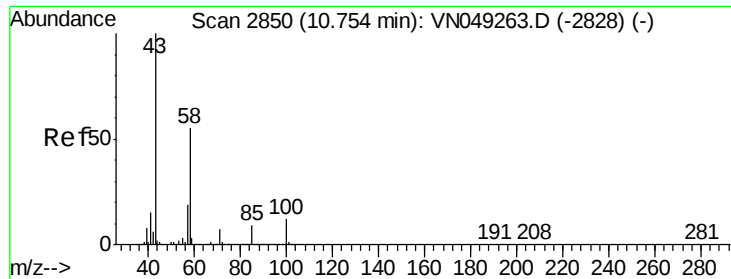
Tot Ion: 76 Resp: 564306
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 85.42 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

Tgt Ion: 63 Resp: 551724
 Ion Ratio Lower Upper
 63 100
 106 26.9 19.4 29.2

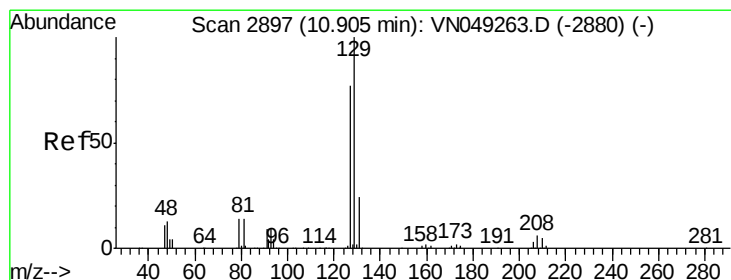
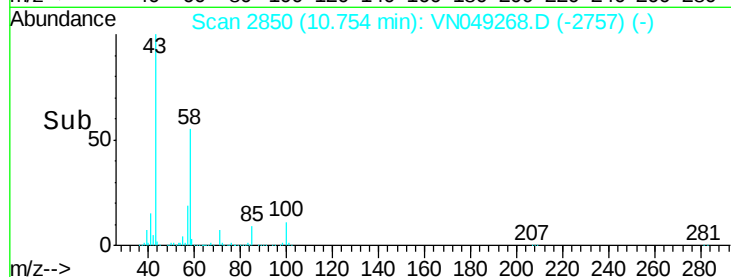
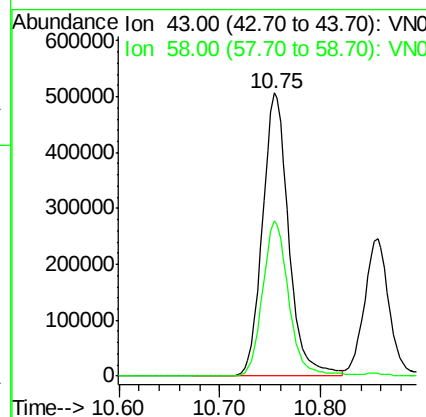
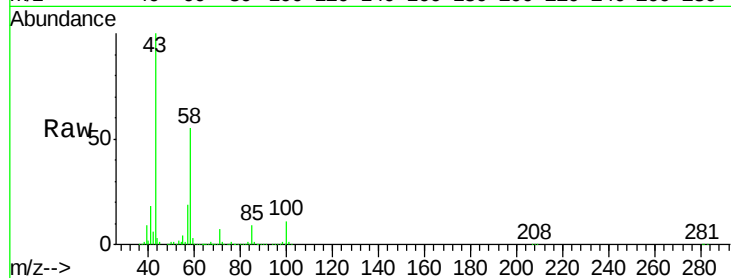




#59
2-Hexanone
Concen: 97.76 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

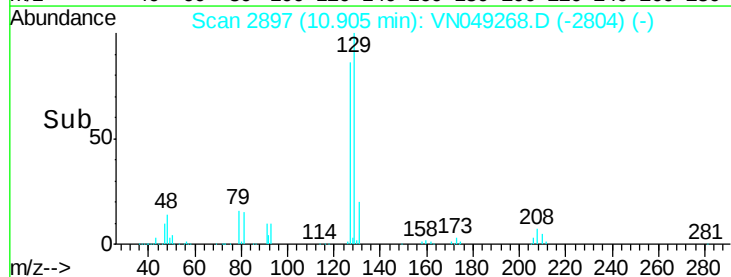
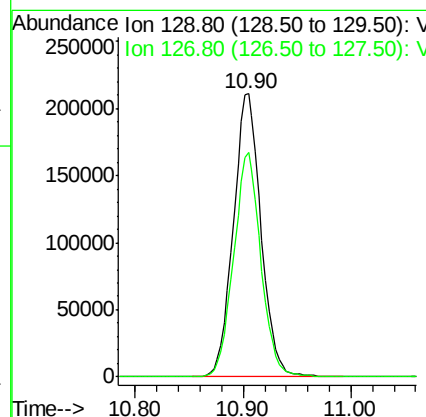
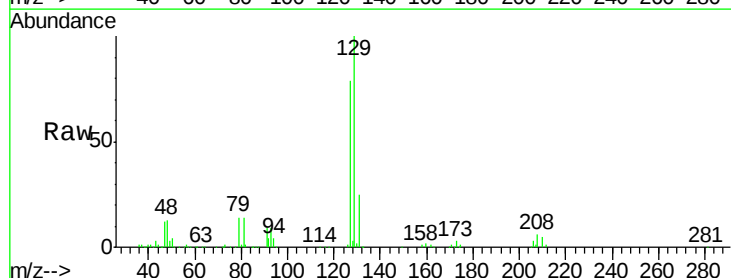
Instrument :
MSVOA_N
ClientSampled :

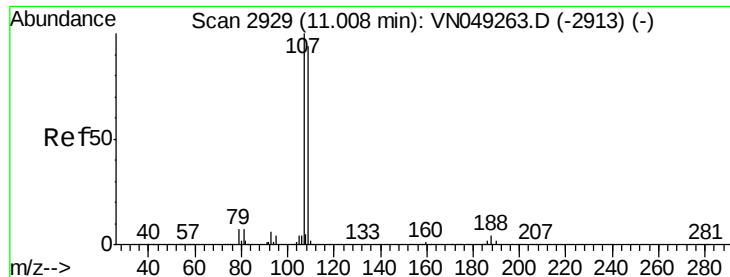
Tot Ion: 43 Resp: 907203
Ion Ratio Lower Upper
43 100
58 54.9 25.2 75.6



#60
Dibromochloromethane
Concen: 19.09 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

Tgt Ion: 129 Resp: 377844
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2

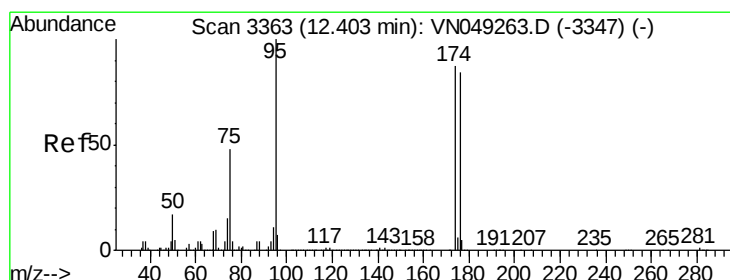
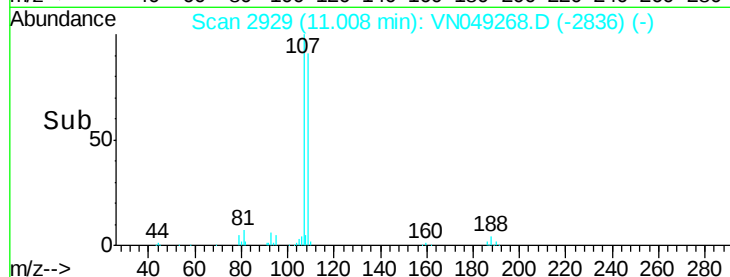
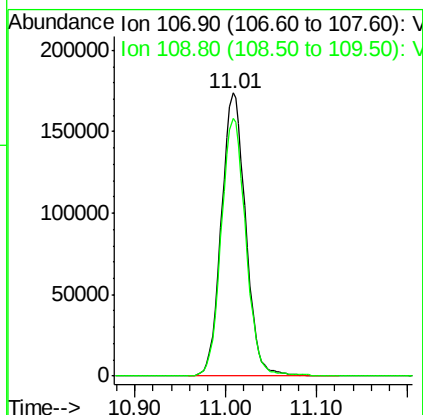
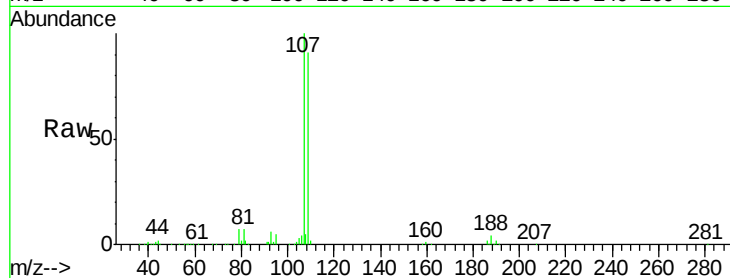




#61
 1,2-Dibromoethane
 Concen: 19.52 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

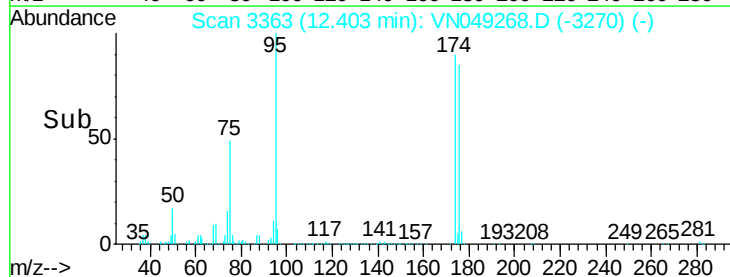
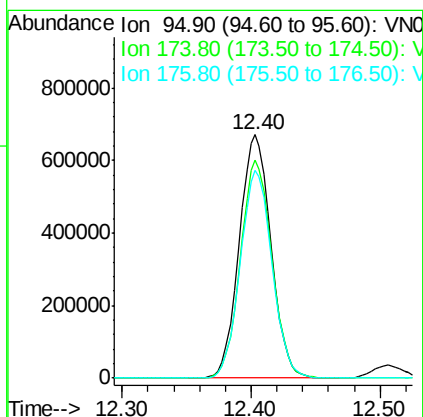
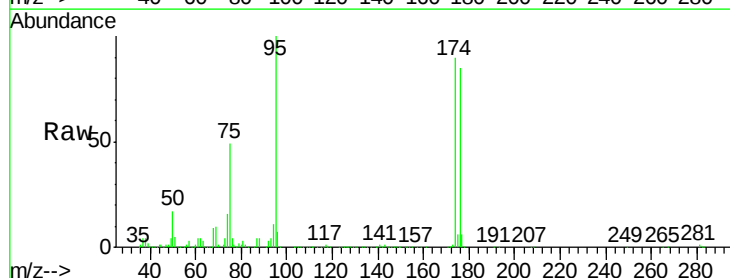
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 107 Resp: 321772
 Ion Ratio Lower Upper
 107 100
 109 92.3 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 48.81 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

Tgt Ion: 95 Resp: 1147108
 Ion Ratio Lower Upper
 95 100
 174 89.0 0.0 165.6
 176 85.4 0.0 157.4

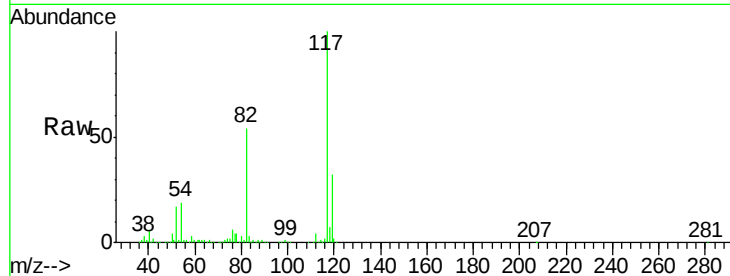




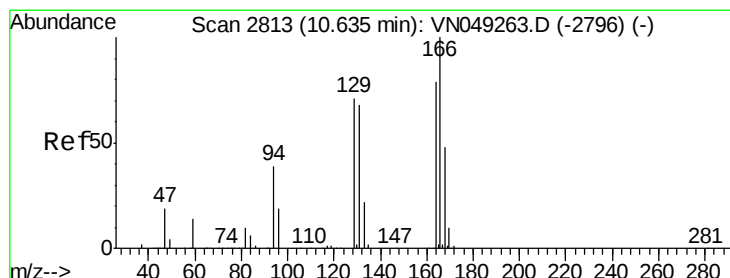
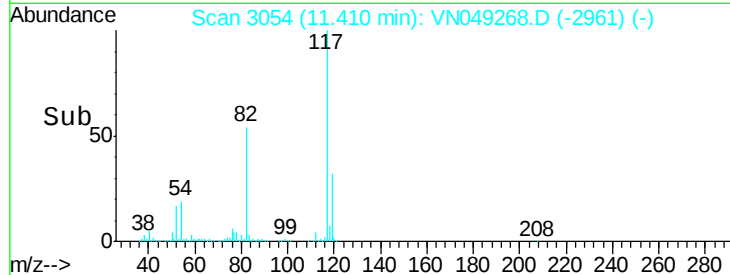
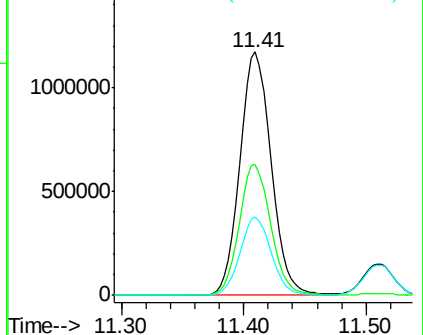
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 2081601
Ion Ratio Lower Upper
117 100
82 53.7 45.9 68.9
119 32.2 25.5 38.3

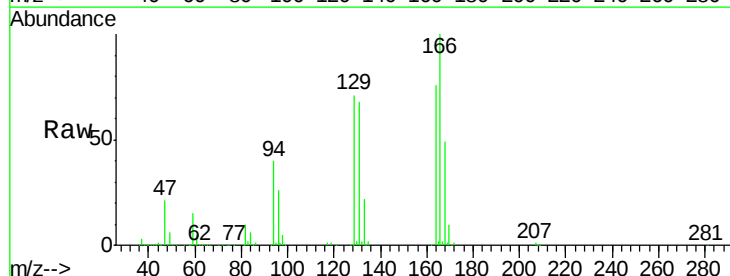


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

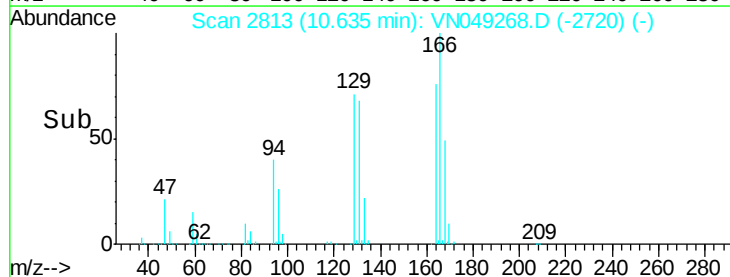
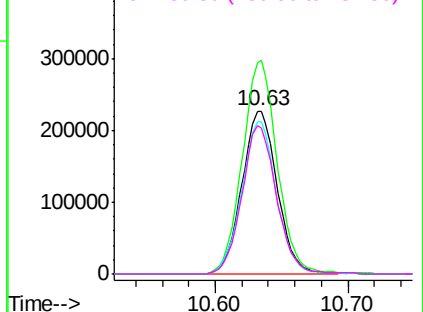


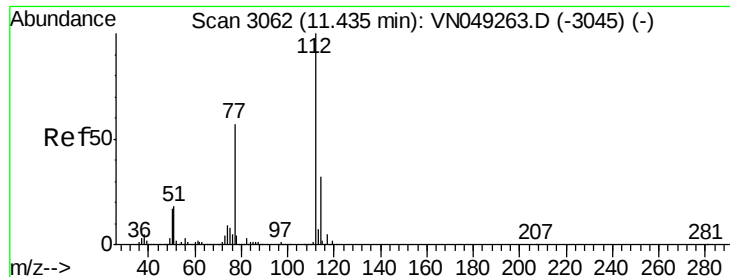
#64
Tetrachloroethene
Concen: 19.67 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

Tgt Ion:164 Resp: 419549
Ion Ratio Lower Upper
164 100
166 131.3 101.4 152.2
129 93.8 74.1 111.1
131 89.5 73.7 110.5



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: 19.22 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

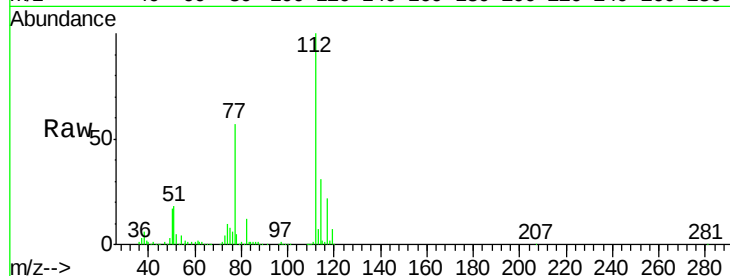
ClientSampleId :

Tot Ion:112 Resp: 1030461

Ion Ratio Lower Upper

112 100

114 31.4 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

600000

400000

200000

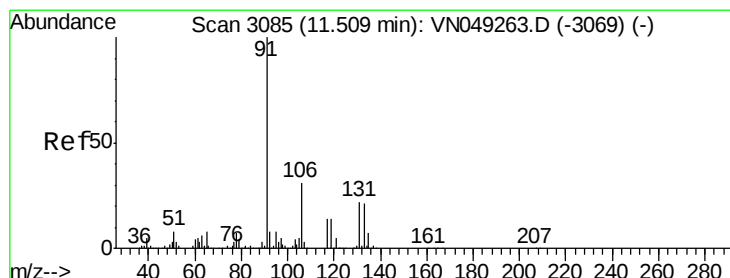
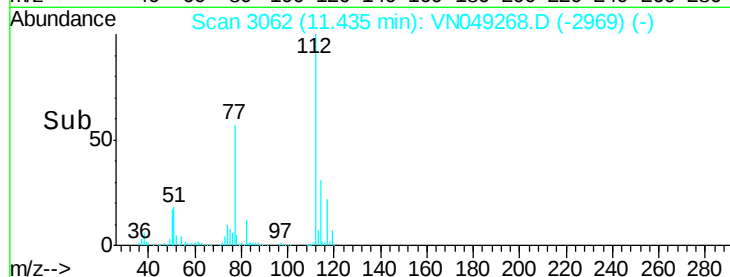
0

11.44

11.40

11.50

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.23 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

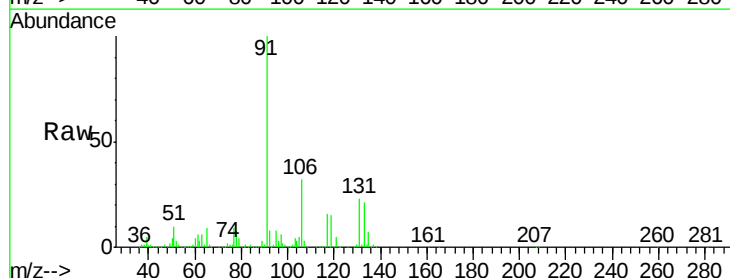
Tgt Ion:131 Resp: 388156

Ion Ratio Lower Upper

131 100

133 94.5 48.0 144.2

119 66.9 33.6 100.8



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

500000

400000

300000

200000

100000

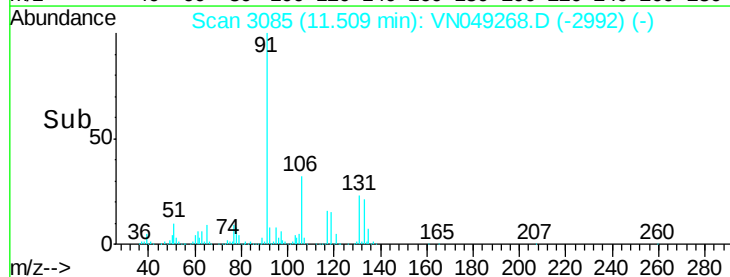
0

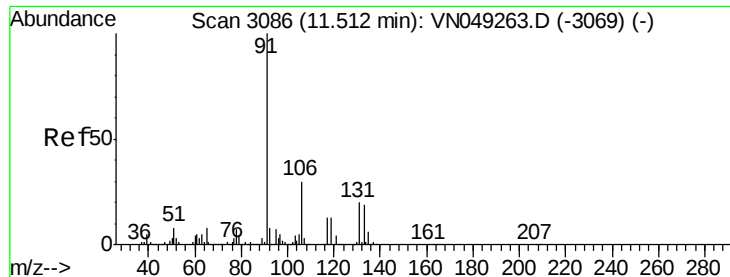
11.51

11.50

11.60

Time-->

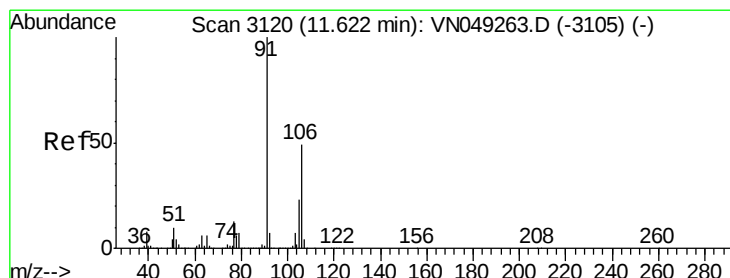
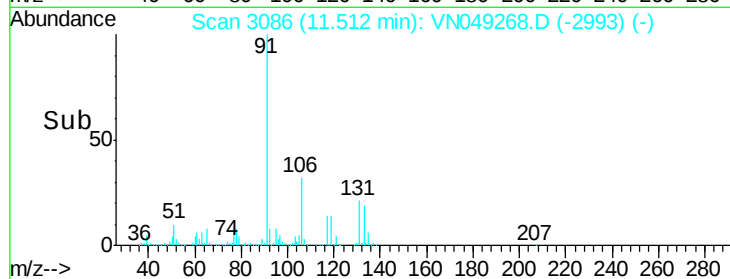
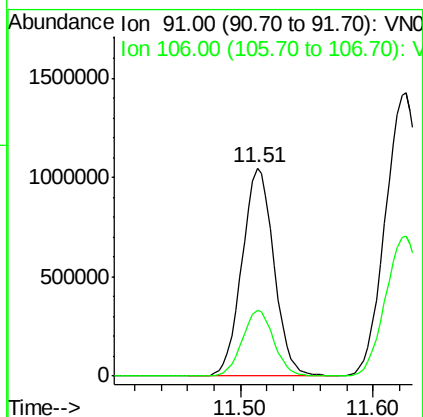
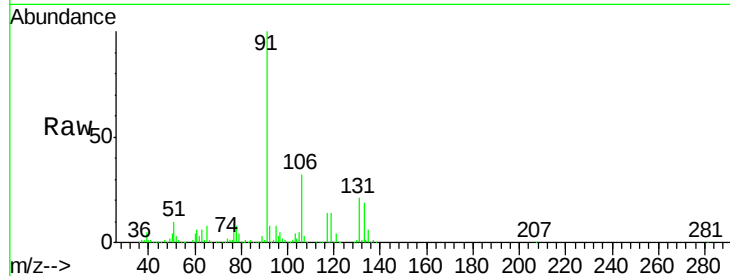




#67
Ethyl Benzene
Concen: 19.64 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

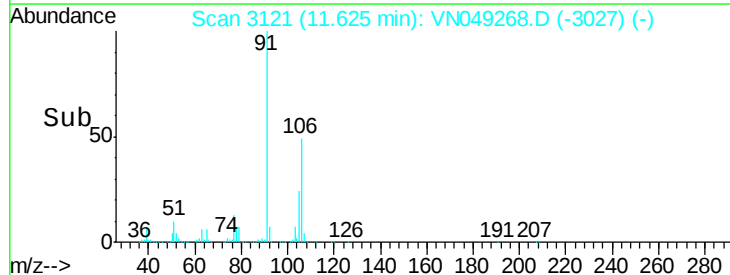
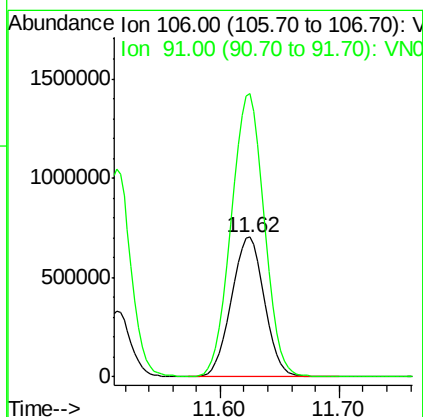
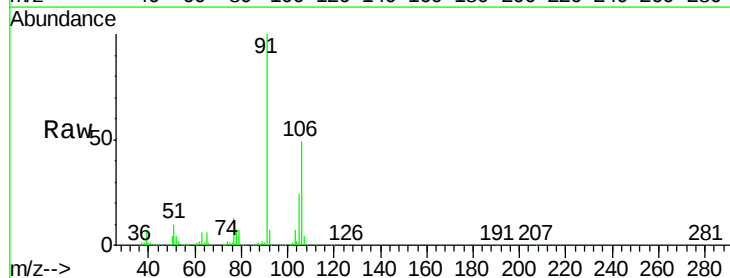
Instrument :
MSVOA_N
ClientSampleId :

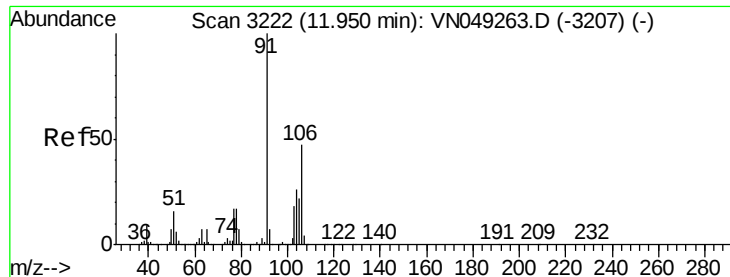
Tot Ion: 91 Resp: 1746523
Ion Ratio Lower Upper
91 100
106 31.6 23.9 35.9



#68
m/p-Xylenes
Concen: 40.41 ug/l
RT: 11.62 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

Tgt Ion: 106 Resp: 1348862
Ion Ratio Lower Upper
106 100
91 203.0 167.3 250.9

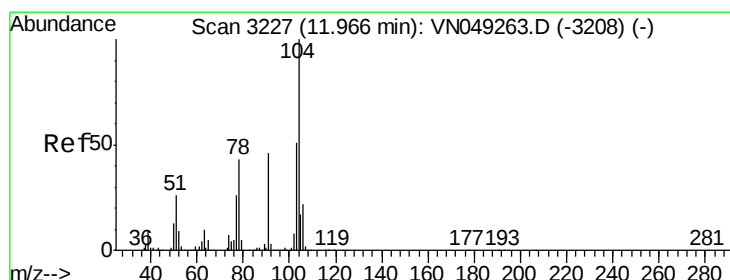
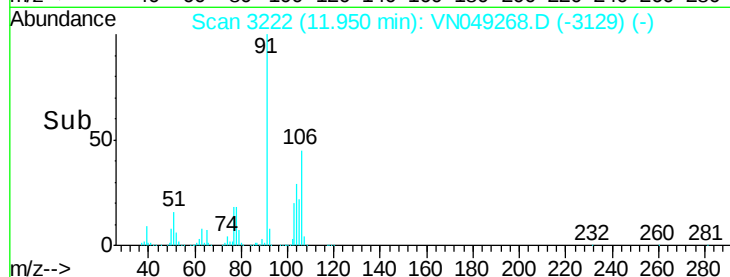
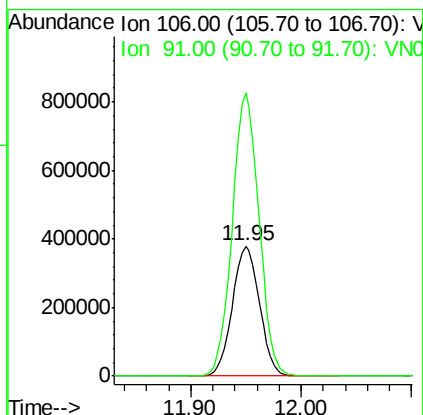
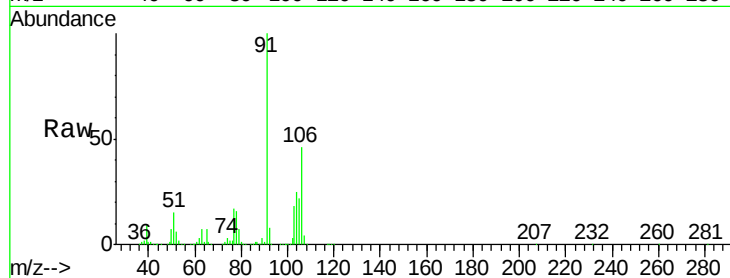




#69
o-Xylene
Concen: 20.07 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

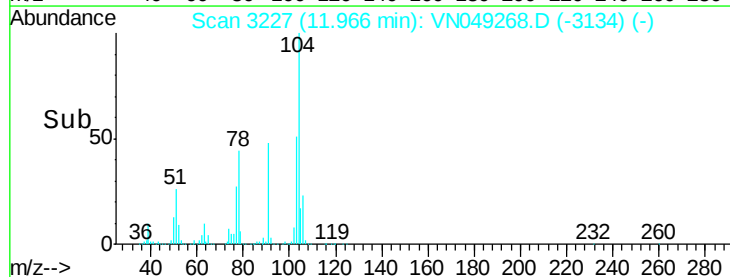
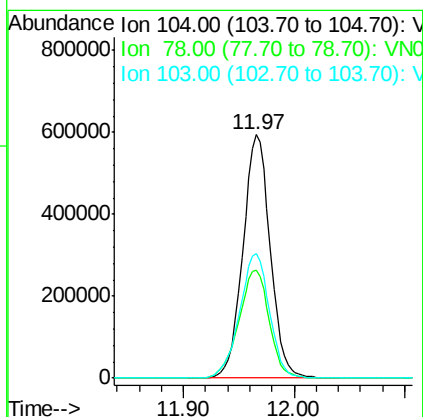
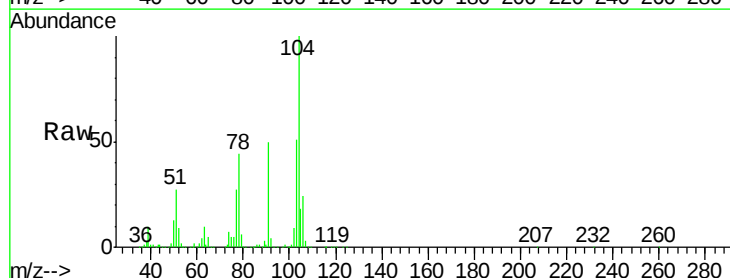
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 645197
Ion Ratio Lower Upper
106 100
91 215.0 111.0 333.0



#70
Styrene
Concen: 20.03 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

Tgt Ion:104 Resp: 1016013
Ion Ratio Lower Upper
104 100
78 49.4 41.6 62.4
103 56.1 45.4 68.2





#71

Bromoform

Concen: 19.09 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

ClientSampleId :

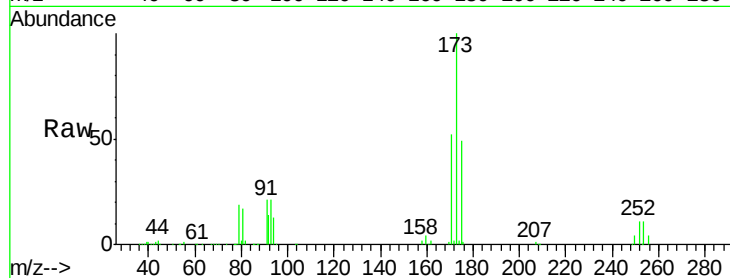
Tot Ion:173 Resp: 249363

Ion Ratio Lower Upper

173 100

175 48.2 24.5 73.5

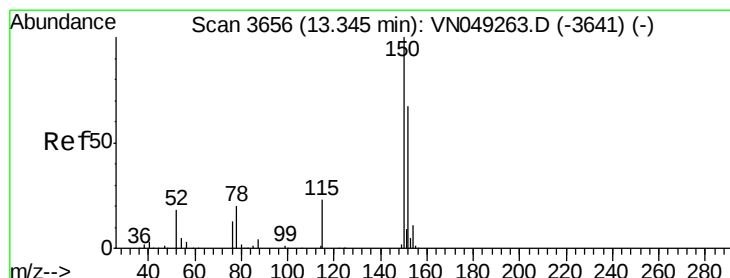
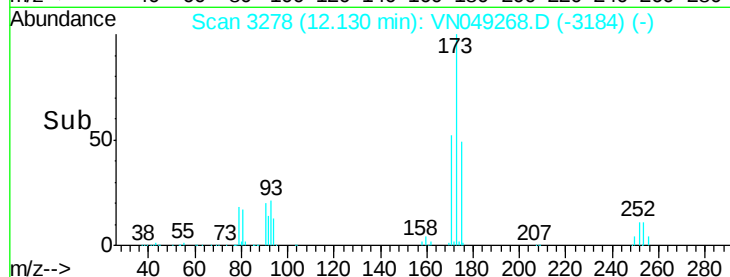
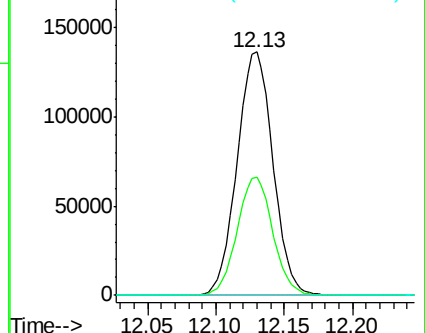
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

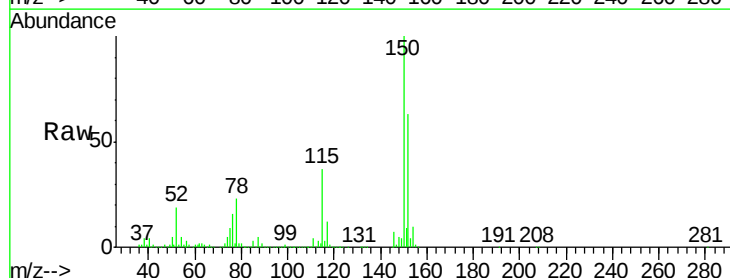
Tgt Ion:152 Resp: 965206

Ion Ratio Lower Upper

152 100

115 57.8 28.7 86.1

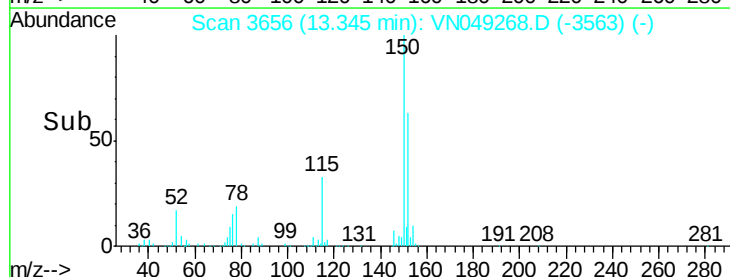
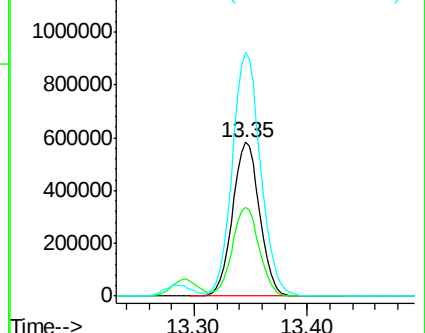
150 166.1 0.0 351.0

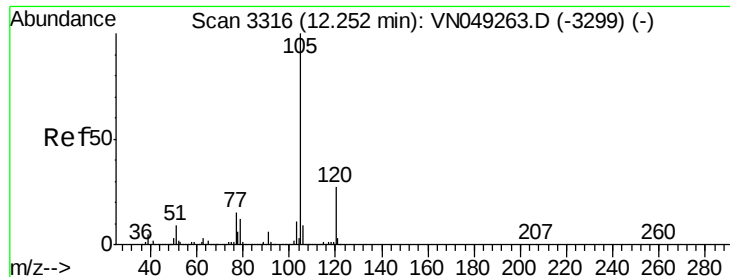


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.42 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

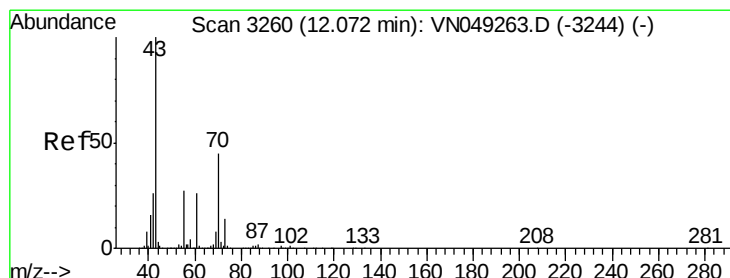
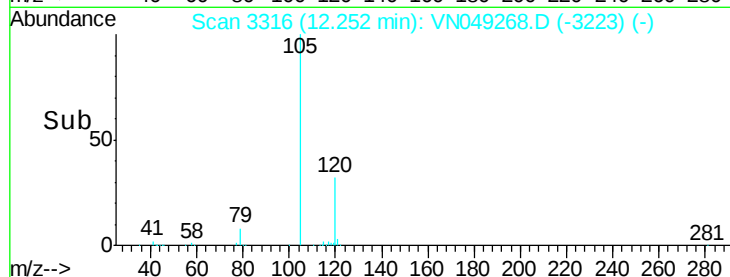
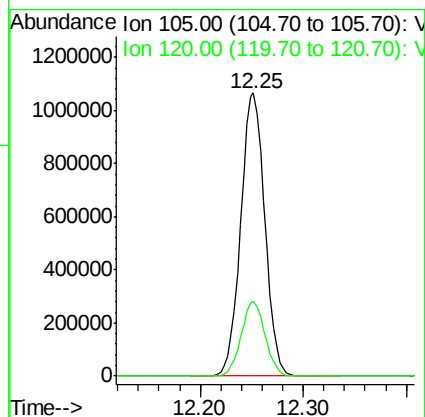
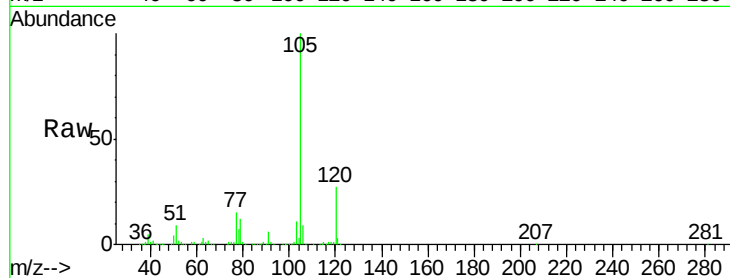
ClientSampleId :

Tot Ion:105 Resp: 1730240

Ion Ratio Lower Upper

105 100

120 26.3 12.8 38.3



#74

N-ethyl acetate

Concen: 18.81 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Tgt Ion: 43 Resp: 390370

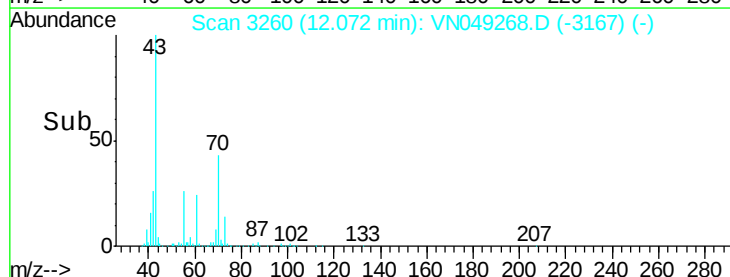
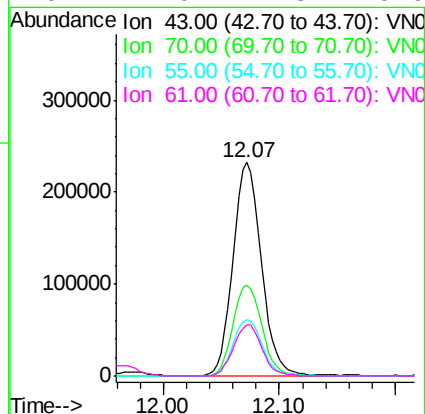
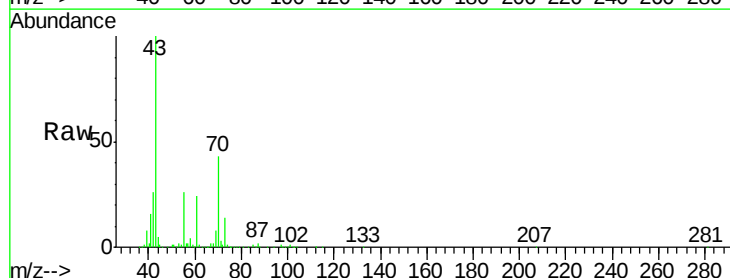
Ion Ratio Lower Upper

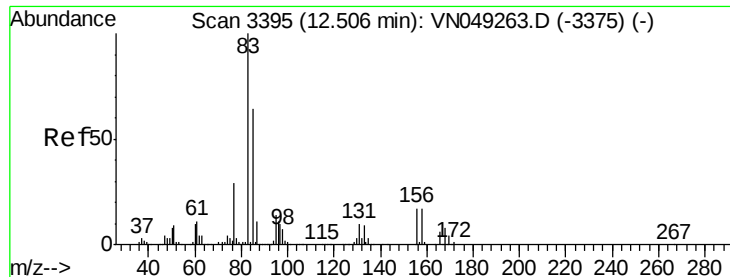
43 100

70 43.5 30.3 45.5

55 27.1 19.4 29.2

61 24.0 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.05 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

ClientSampleId :

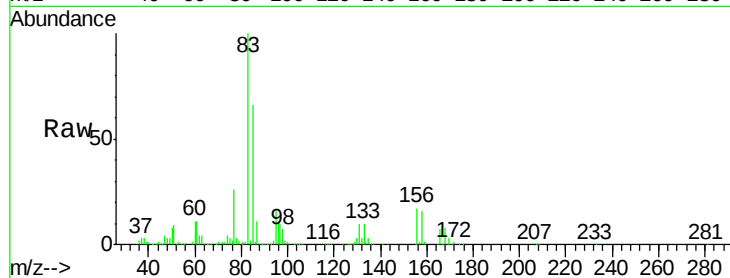
Tot Ion: 83 Resp: 389625

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

85 65.3 32.0 96.0



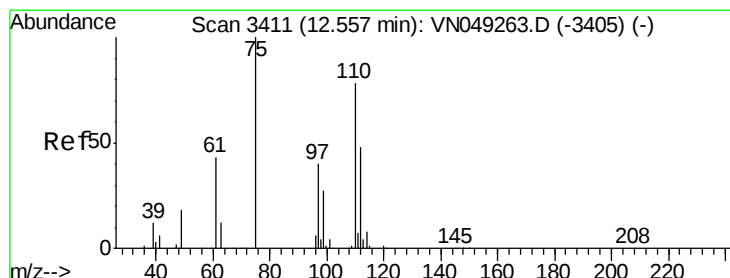
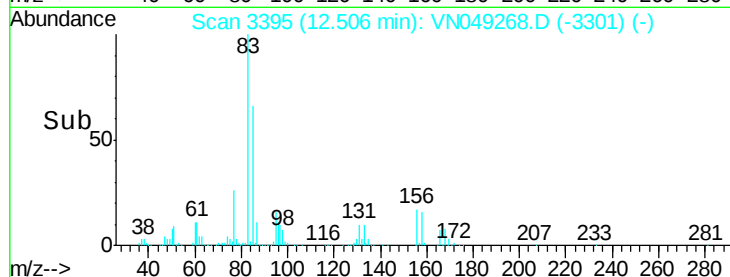
Abundance Ion 82.90 (82.60 to 83.60): VN049268.D (-3375) (-)

Ion 130.80 (130.50 to 131.50): VN049268.D (-3375) (-)

Ion 84.90 (84.60 to 85.60): VN049268.D (-3375) (-)

12.51

Time-->



#76

1,2,3-Trichloropropane

Concen: 28.97 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049268.D

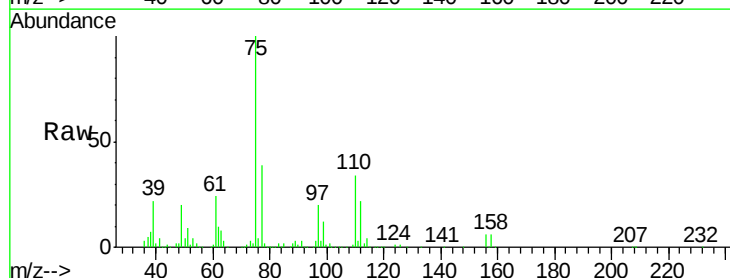
Acq: 15 Jun 2018 19:17

Tgt Ion: 75 Resp: 477121

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

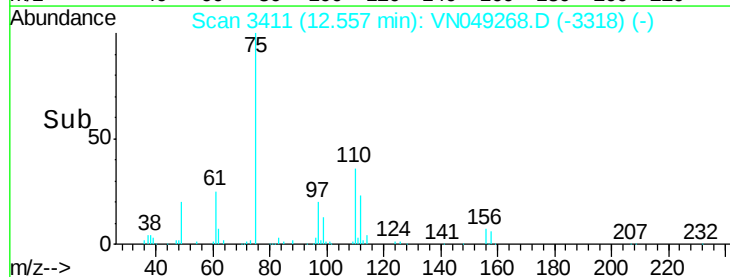


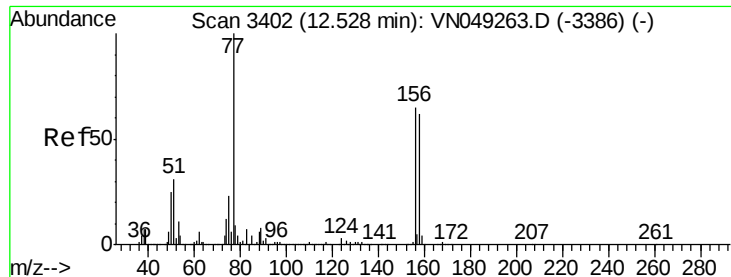
Abundance Ion 74.90 (74.60 to 75.60): VN049268.D (-3411) (-)

Ion 77.00 (76.70 to 77.70): VN049268.D (-3411) (-)

12.56

Time-->





#77

Bromobenzene

Concen: 19.18 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

ClientSampled :

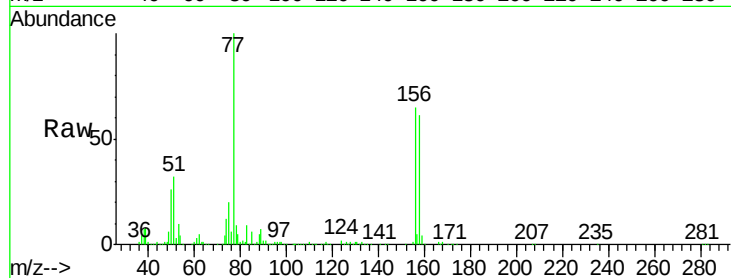
Tot Ion:156 Resp: 429308

Ion Ratio Lower Upper

156 100

77 179.9 100.8 302.4

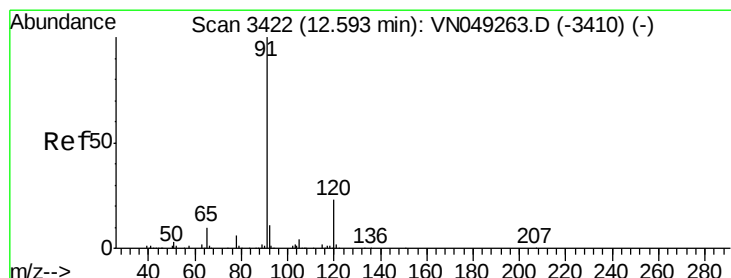
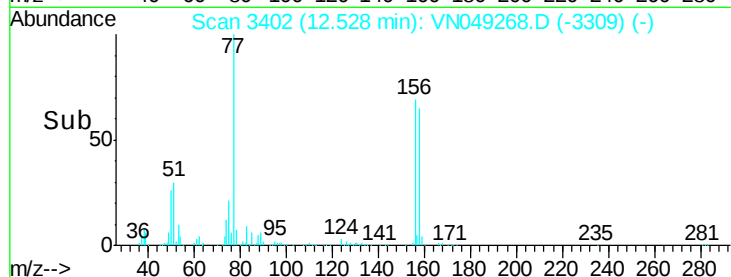
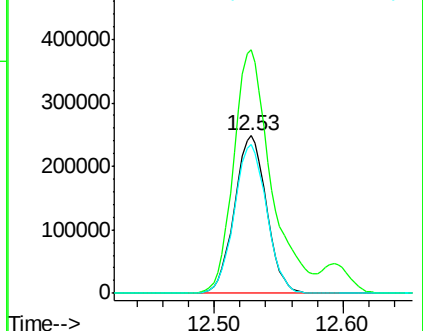
158 95.5 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.51 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049268.D

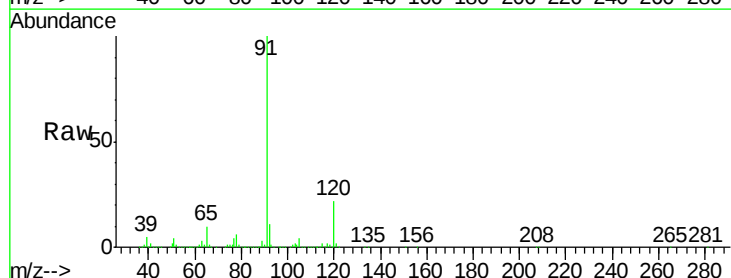
Acq: 15 Jun 2018 19:17

Tgt Ion: 91 Resp: 1908127

Ion Ratio Lower Upper

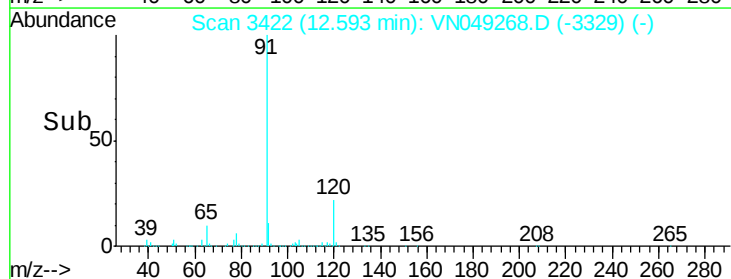
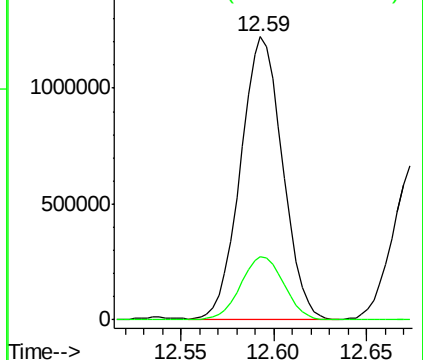
91 100

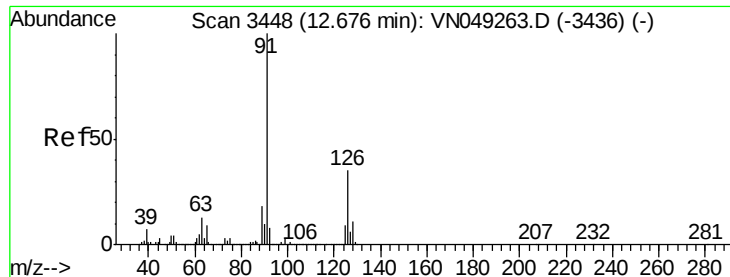
120 23.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.96 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

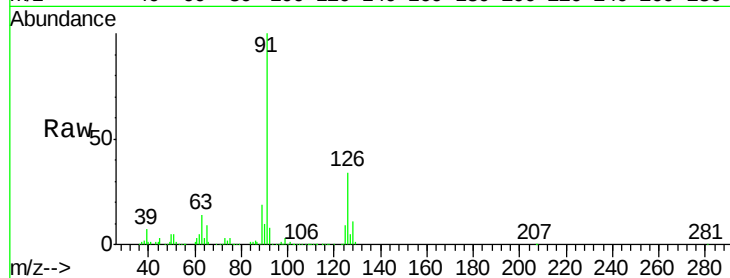
ClientSampled :

Tot Ion: 91 Resp: 1176637

Ion Ratio Lower Upper

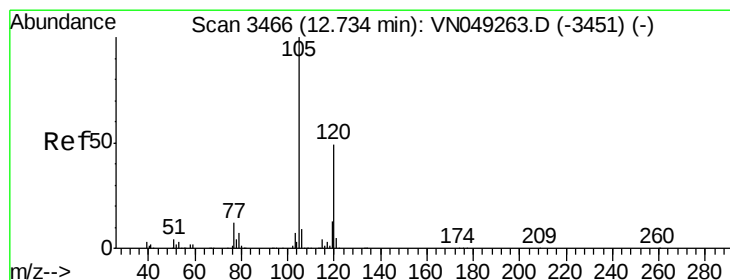
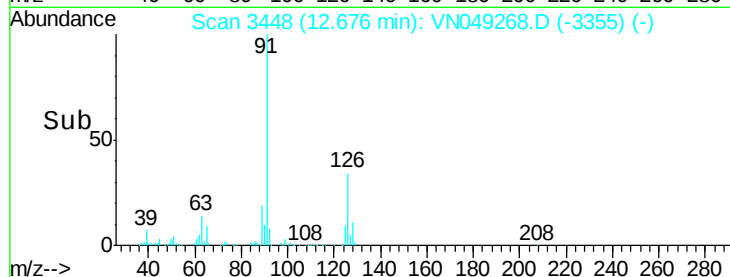
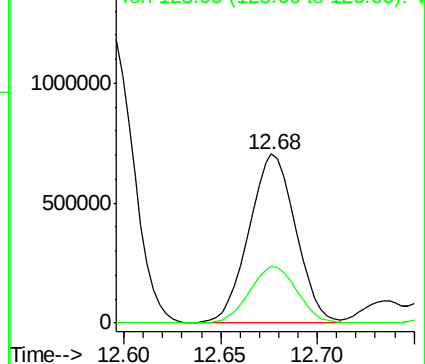
91 100

126 34.4 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049268.D (-3436) (-)

Ion 125.90 (125.60 to 126.60): VN049268.D (-3436) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.88 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049268.D

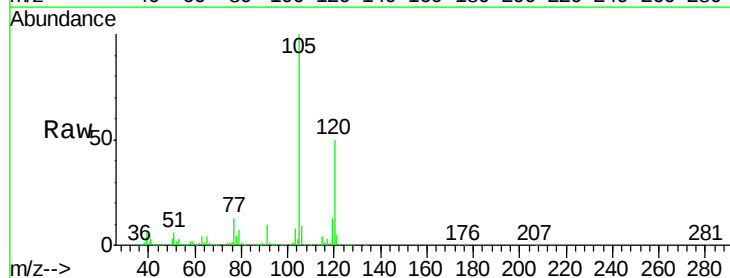
Acq: 15 Jun 2018 19:17

Tgt Ion:105 Resp: 1391132

Ion Ratio Lower Upper

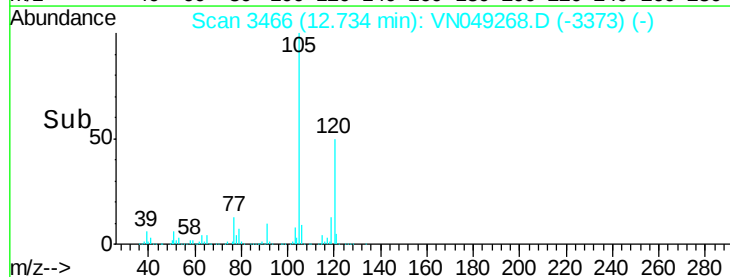
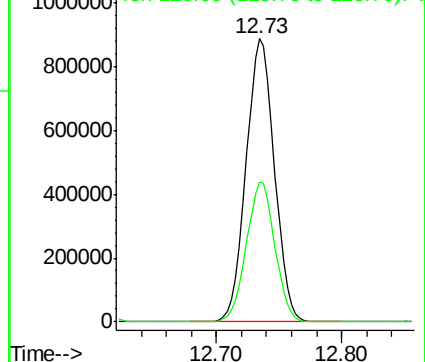
105 100

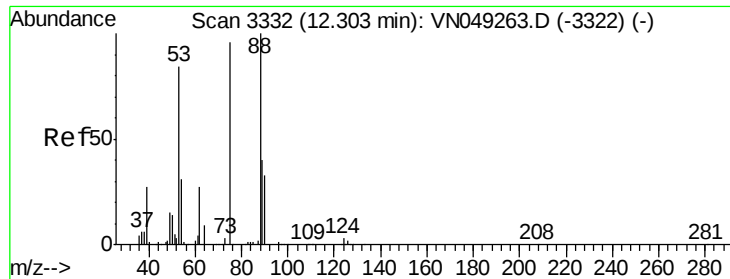
120 49.5 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049268.D (-3451) (-)

Ion 120.00 (119.70 to 120.70): VN049268.D (-3451) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.77 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

ClientSampleId :

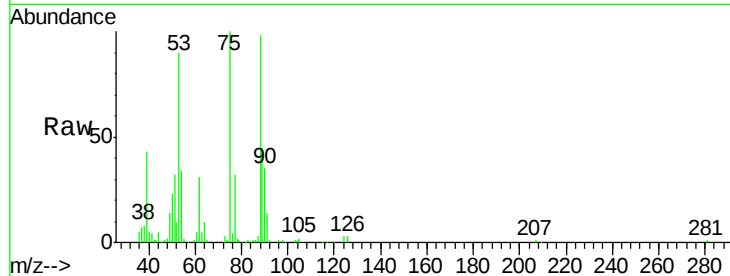
Tot Ion: 75 Resp: 97813

Ion Ratio Lower Upper

75 100

53 94.3 82.7 124.1

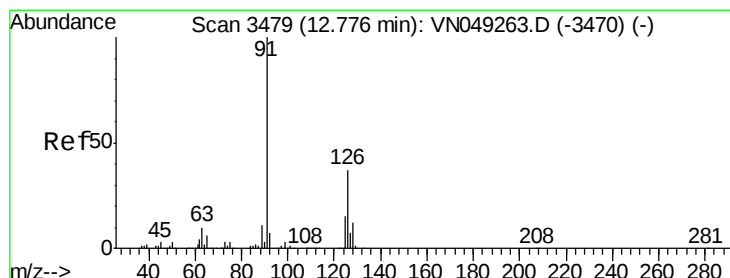
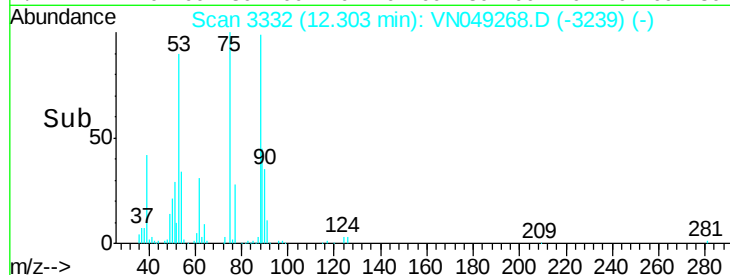
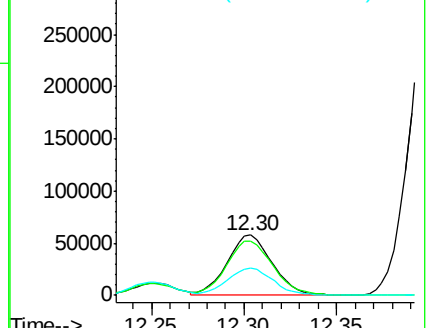
89 45.7 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VN049268.D (-3332) (-)

Ion 53.00 (52.70 to 53.70): VN049268.D (-3332) (-)

Ion 88.90 (88.60 to 89.60): VN049268.D (-3332) (-)



#82

4-Chlorotoluene

Concen: 20.11 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049268.D

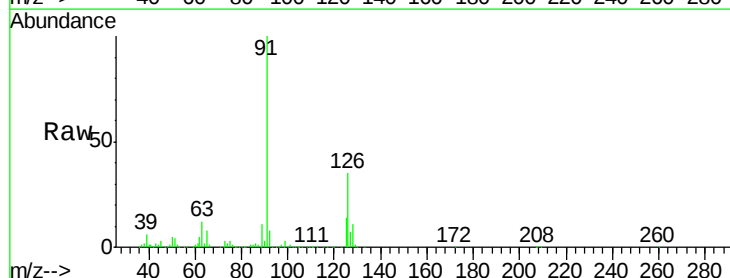
Acq: 15 Jun 2018 19:17

Tgt Ion: 91 Resp: 1143779

Ion Ratio Lower Upper

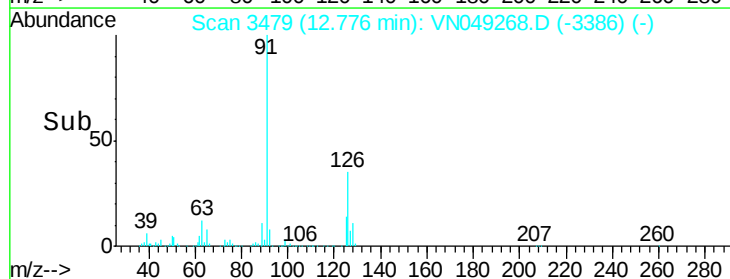
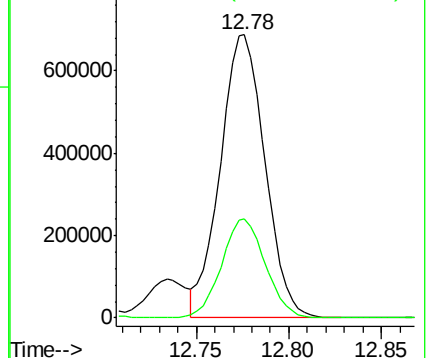
91 100

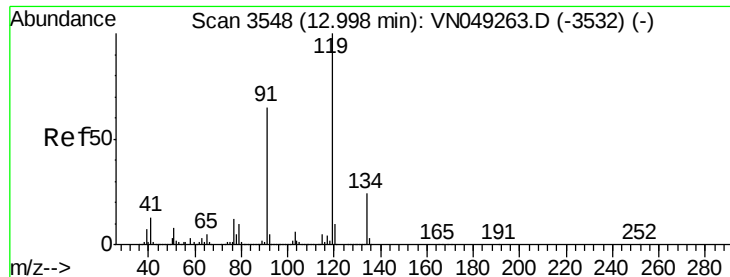
126 34.4 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN049268.D (-3479) (-)

Ion 125.90 (125.60 to 126.60): VN049268.D (-3479) (-)

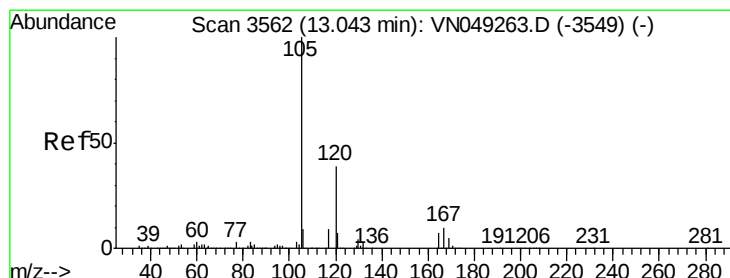
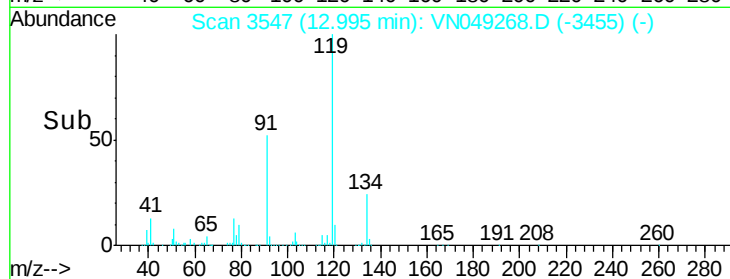
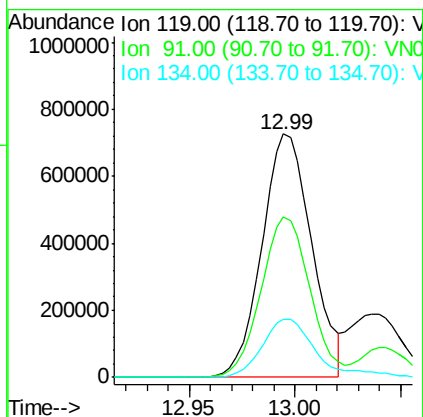
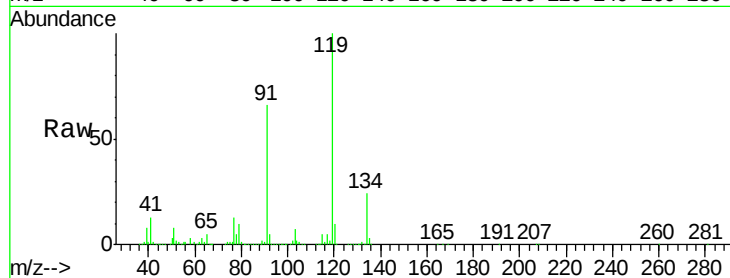




#83
 tert-Butylbenzene
 Concen: 20.23 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

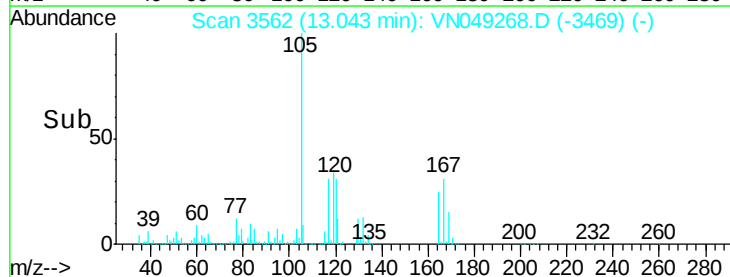
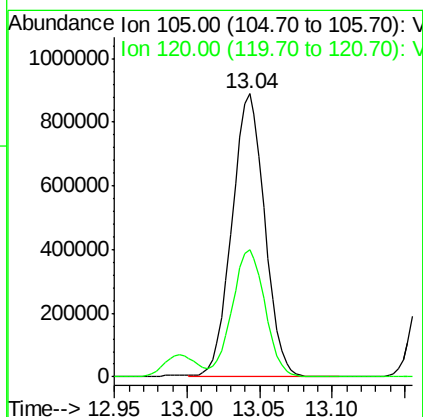
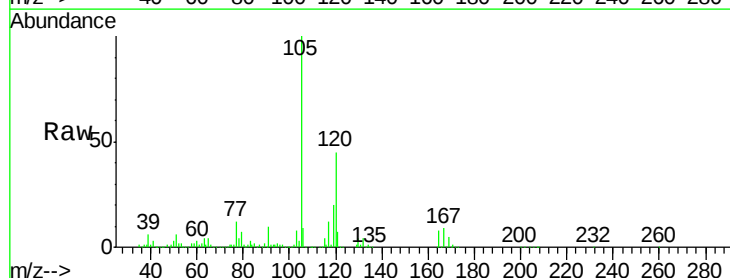
Instrument :
 MSVOA_N
 ClientSampled :

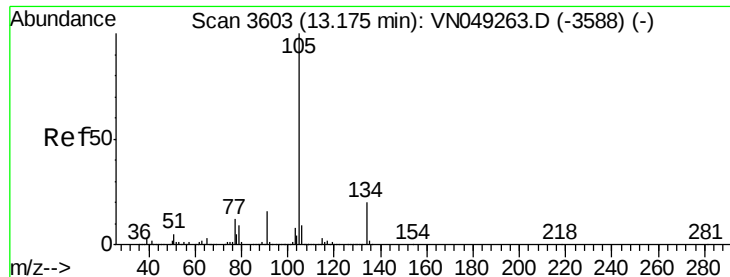
Tot Ion:119 Resp: 1193996
 Ion Ratio Lower Upper
 119 100
 91 64.5 33.7 101.0
 134 25.8 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.05 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

Tgt Ion:105 Resp: 1393252
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.95 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

Instrument :

MSVOA_N

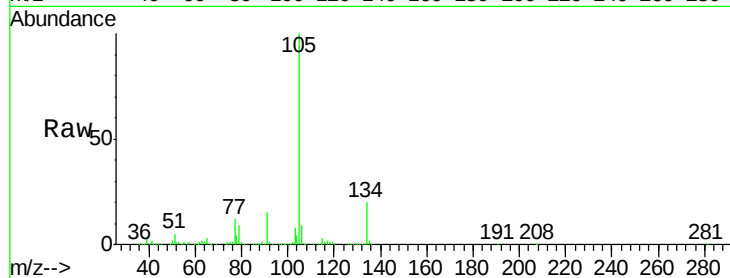
ClientSampleId :

Tot Ion:105 Resp: 1566822

Ion Ratio Lower Upper

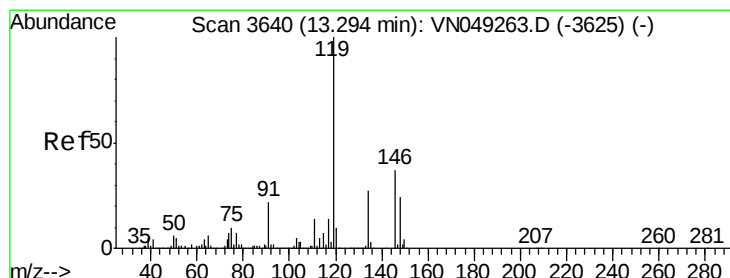
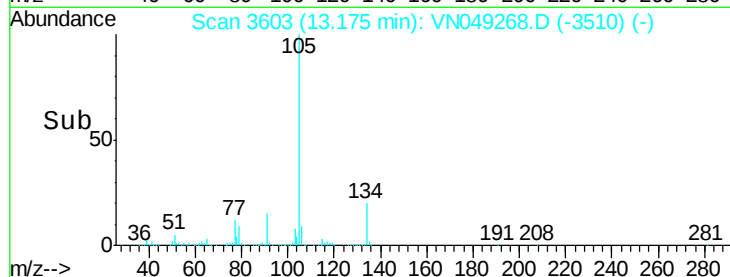
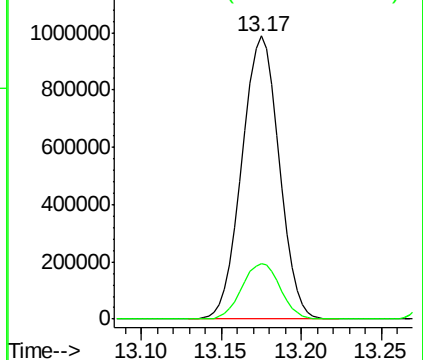
105 100

134 20.2 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.12 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049268.D

Acq: 15 Jun 2018 19:17

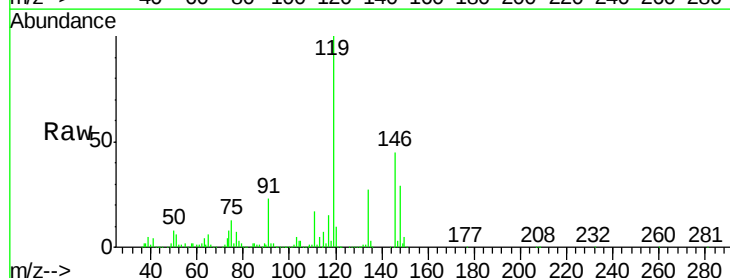
Tgt Ion:119 Resp: 1320394

Ion Ratio Lower Upper

119 100

134 26.7 12.9 38.6

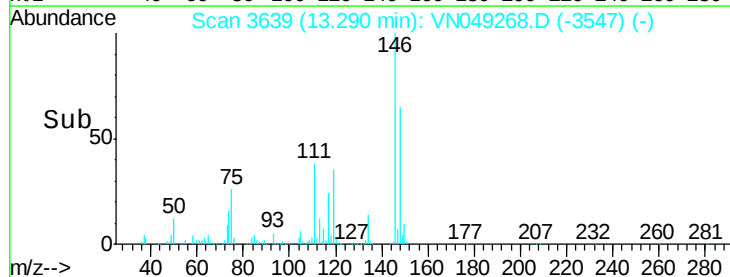
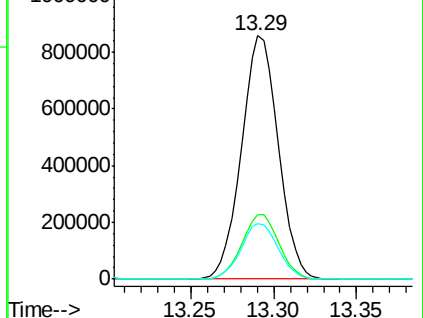
91 23.1 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

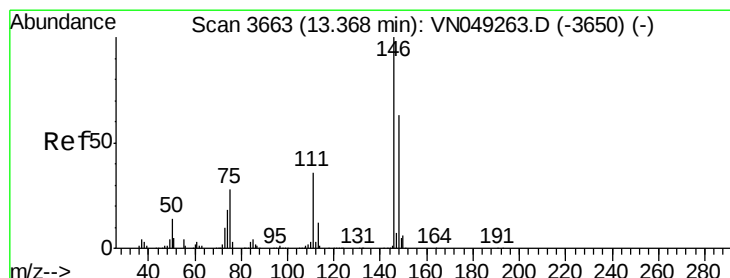
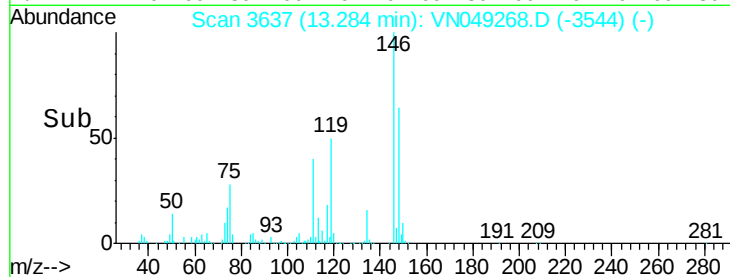
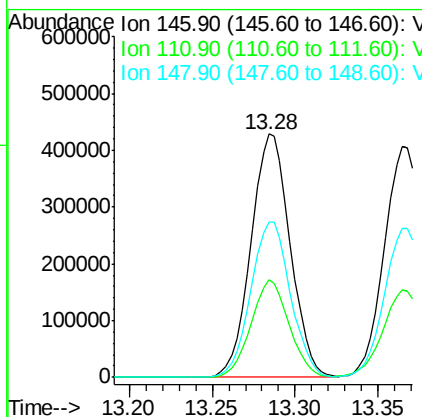
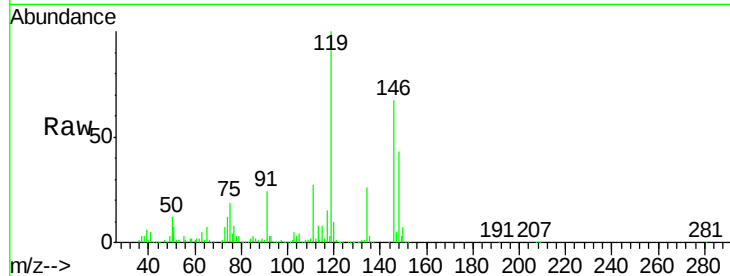




#87
 1,3-Dichlorobenzene
 Concen: 19.16 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

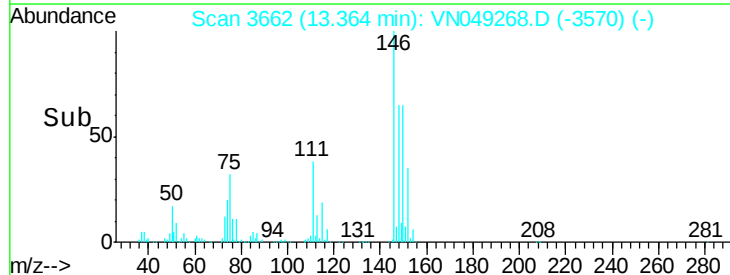
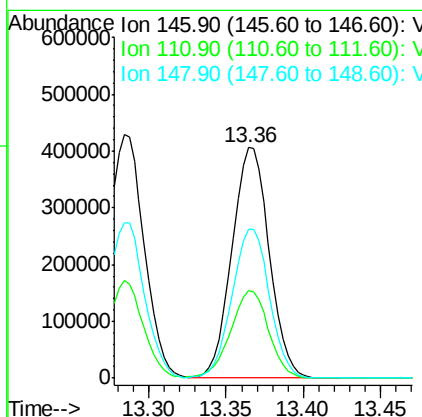
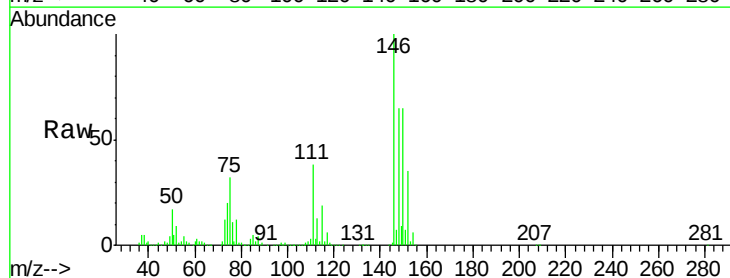
Instrument :
 MSVOA_N
 ClientSampleId :

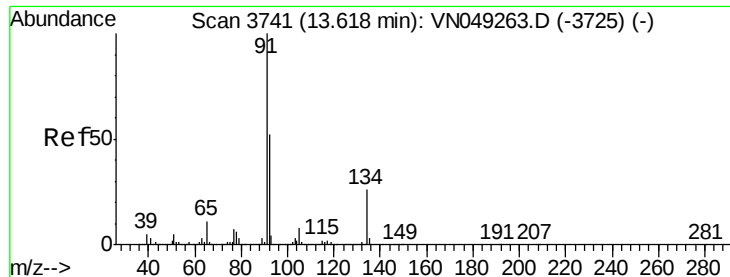
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.9	59.6
148	64.8	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.59 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.1
148	65.0	32.0	96.2

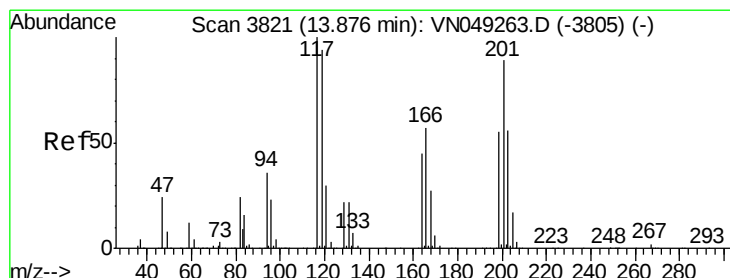
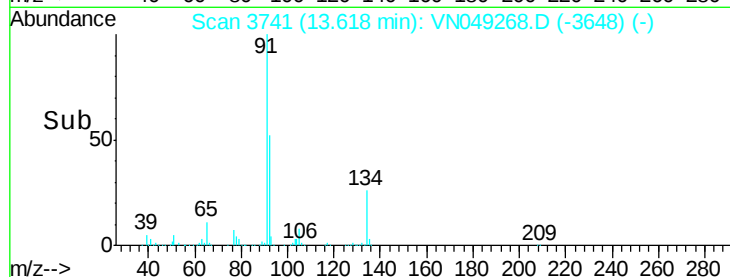
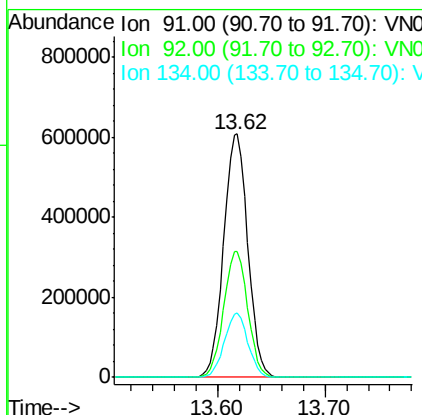
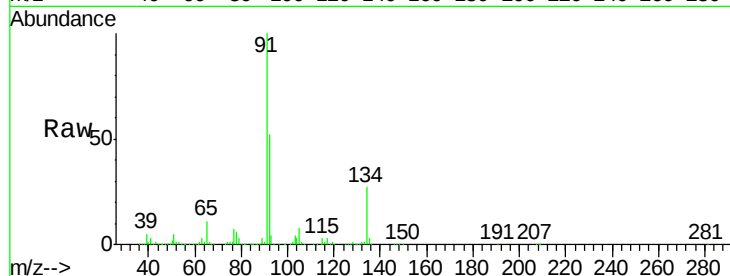




#89
n-Butylbenzene
Concen: 18.42 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

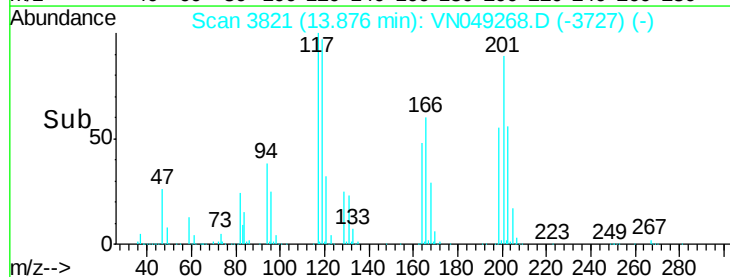
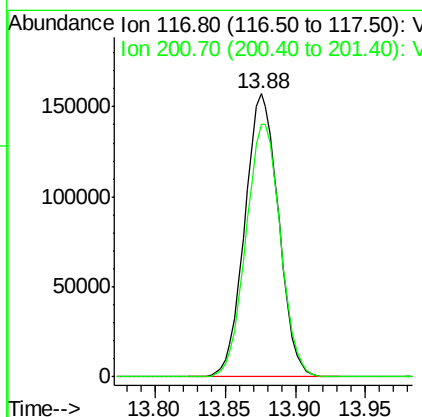
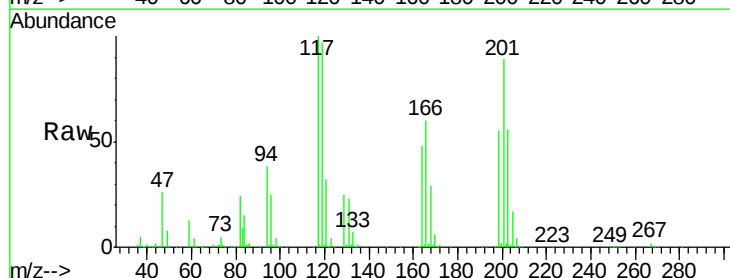
Instrument :
MSVOA_N
ClientSampled :

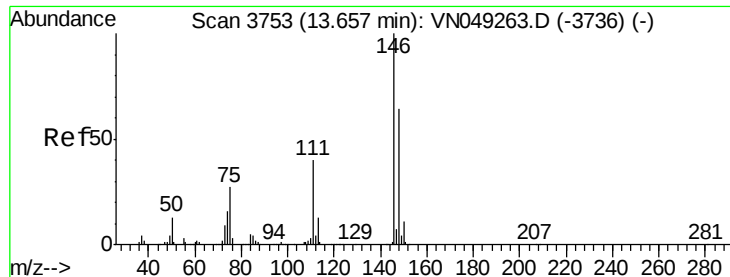
Tot Ion	91	Resp	944217
Ion Ratio	Lower	Upper	
91	100		
92	51.7	25.1	75.4
134	25.9	12.0	36.0



#90
Hexachloroethane
Concen: 20.23 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

Tgt Ion	117	Resp	263832
Ion Ratio	Lower	Upper	
117	100		
201	91.0	40.1	120.2

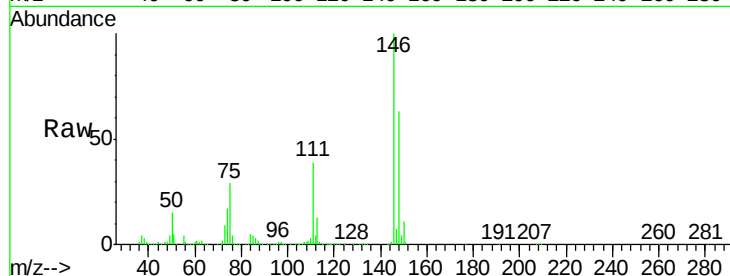




#91
 1,2-Dichlorobenzene
 Concen: 19.25 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.8	62.2
148	63.6	32.0	96.2

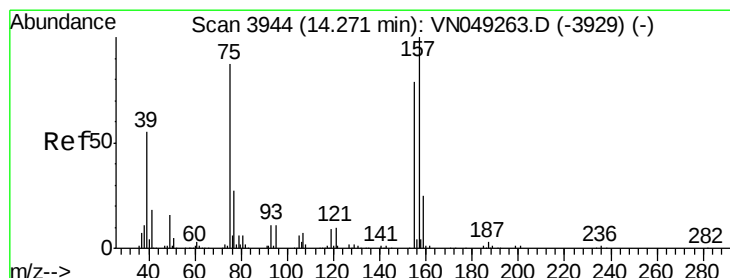
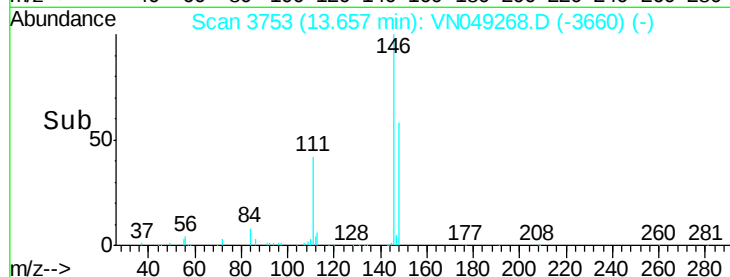
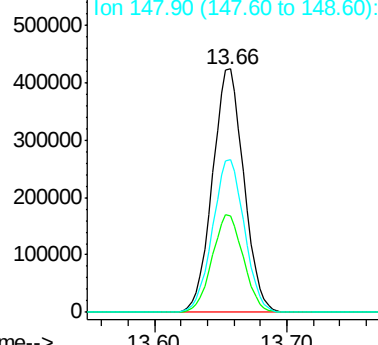


Abundance

Ion 145.90 (145.60 to 146.60): V

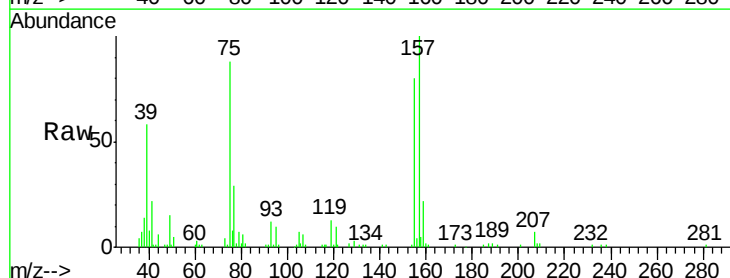
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.55 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.7	38.8	116.3
157	113.2	51.0	153.1

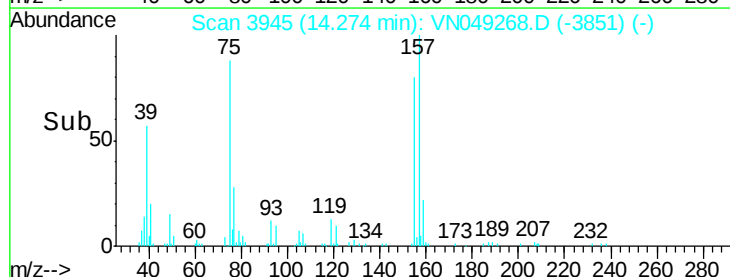
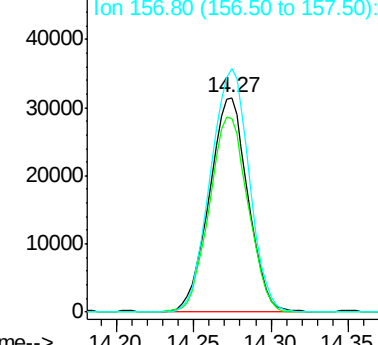


Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

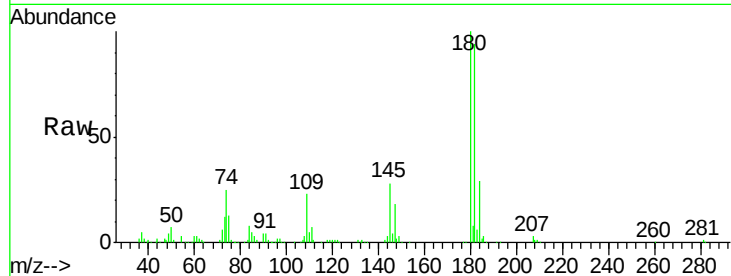




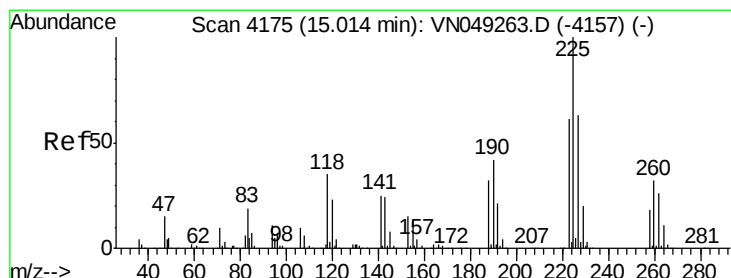
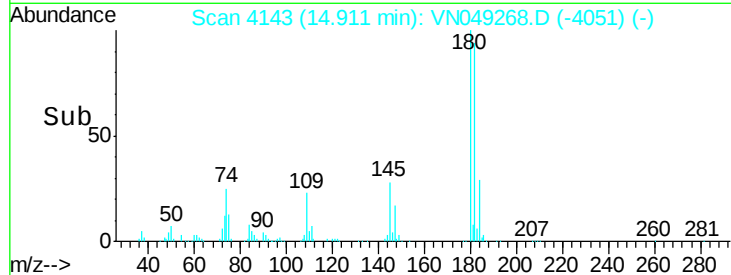
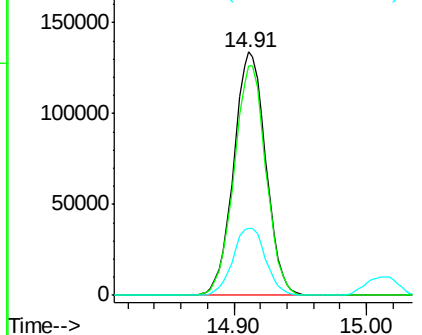
#93
 1,2,4-Trichlorobenzene
 Concen: 17.00 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.9	140.8
145	28.3	14.7	44.1

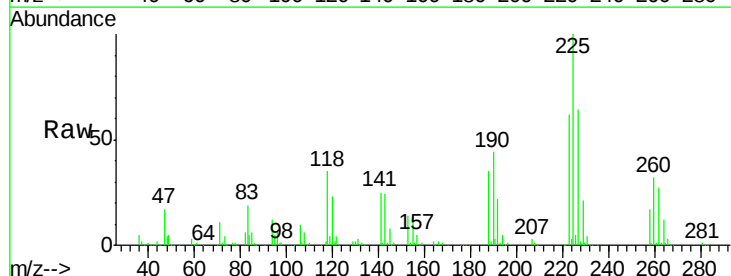


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

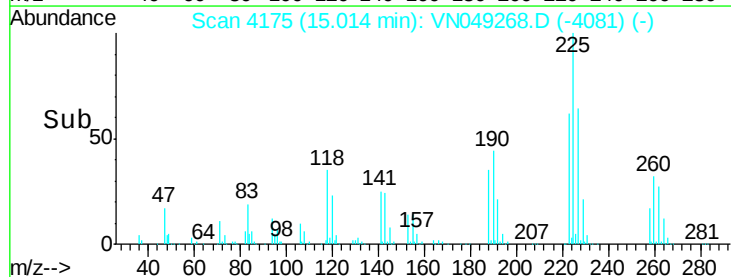
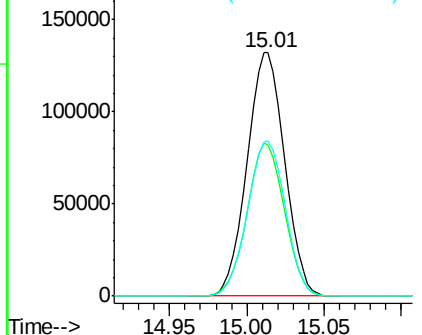


#94
 Hexachlorobutadiene
 Concen: 19.50 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049268.D
 Acq: 15 Jun 2018 19:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.1	96.3
227	64.1	31.8	95.3



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

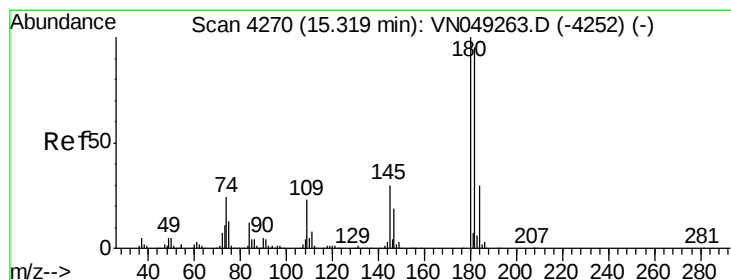
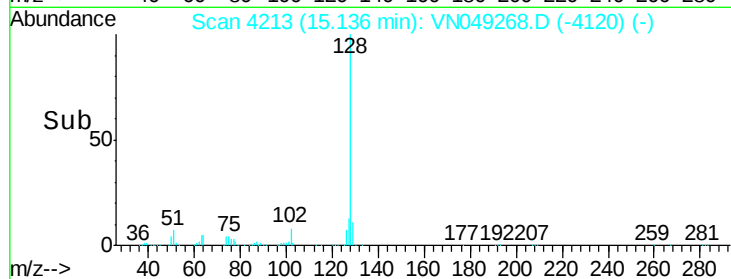
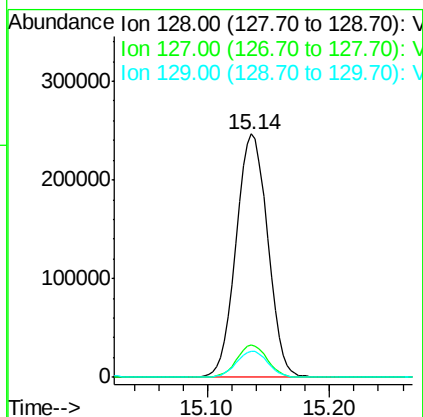
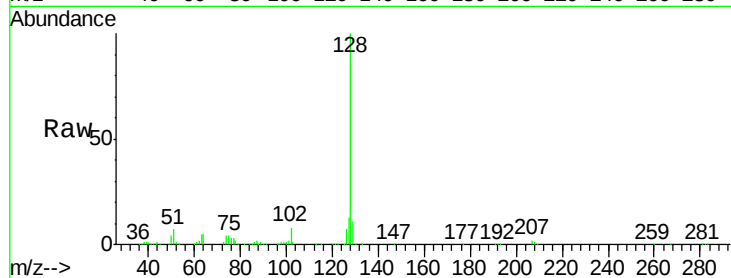




#95
Naphthalene
Concen: 17.88 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 442605
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.7 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 17.70 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049268.D
Acq: 15 Jun 2018 19:17

Tgt Ion:180 Resp: 247618
Ion Ratio Lower Upper
180 100
182 96.2 47.3 141.8
145 30.7 15.6 46.7

