

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062118\
 Data File : VN049474.D
 Acq On : 21 Jun 2018 17:53
 Operator : MD\SY
 Sample : VN0621MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 22 03:39:17 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	1400807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2106155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1909096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	907516	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	885298	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
35) Dibromofluoromethane	7.59	113	791943	46.48	ug/l	0.00
Spiked Amount			Recovery	=	92.96%	
50) Toluene-d8	10.09	98	2904021	44.76	ug/l	0.00
Spiked Amount			Recovery	=	89.52%	
62) 4-Bromofluorobenzene	12.40	95	976839	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	303484	18.82	ug/l	97
3) Chloromethane	2.06	50	389565	18.71	ug/l	99
4) Vinyl Chloride	2.18	62	415511	18.78	ug/l	99
5) Bromomethane	2.56	94	204986	17.62	ug/l	100
6) Chloroethane	2.70	64	260807	19.77	ug/l	98
7) Trichlorofluoromethane	3.01	101	539721	19.55	ug/l	99
8) Diethyl Ether	3.41	74	193646	20.09	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	328766	18.78	ug/l	92
10) Methyl Iodide	3.95	142	366981	20.14	ug/l	92
11) Tert butyl alcohol	4.80	59	115938	106.32	ug/l	100
12) 1,1-Dichloroethene	3.73	96	302678	18.84	ug/l	90
13) Acrolein	3.61	56	119847	104.80	ug/l	98
14) Allyl chloride	4.32	41	494047	19.48	ug/l	89
15) Acrylonitrile	4.99	53	579437	106.27	ug/l	98
16) Acetone	3.82	43	518933	115.03	ug/l	92
17) Carbon Disulfide	4.05	76	867086	17.22	ug/l	99
18) Methyl Acetate	4.33	43	322349	23.44	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	841269	20.54	ug/l	99
20) Methylene Chloride	4.55	84	364722	19.36	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	320341	18.84	ug/l	95
22) Diisopropyl ether	5.96	45	1033610	20.41	ug/l	97
23) Vinyl Acetate	5.90	43	3341368	101.21	ug/l	96
24) 1,1-Dichloroethane	5.85	63	624393	19.26	ug/l	99
25) 2-Butanone	6.84	43	675788	111.56	ug/l	95
26) 2,2-Dichloropropane	6.83	77	516932	19.75	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	365268	19.32	ug/l	93
28) Bromochloromethane	7.20	49	255043	17.75	ug/l	88
29) Tetrahydrofuran	7.22	42	418840	107.42	ug/l	93
30) Chloroform	7.37	83	631959	19.59	ug/l	100
31) Cyclohexane	7.65	56	524822	18.99	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	538140	19.55	ug/l	97
36) 1,1-Dichloropropene	7.80	75	459904	19.05	ug/l	97
37) Ethyl Acetate	6.93	43	291527	22.22	ug/l	98
38) Carbon Tetrachloride	7.78	117	476724	19.08	ug/l	97

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 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)
39) Methylcyclohexane	9.08	83	466901	18.02	ug/l	99
40) Benzene	8.04	78	1428267	19.30	ug/l	99
41) Methacrylonitrile	7.18	41	146888	20.71	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	458261	20.04	ug/l	97
43) Isopropyl Acetate	8.17	43	555015	22.14	ug/l	98
44) Trichloroethene	8.84	130	388308	19.87	ug/l	95
45) 1,2-Dichloropropane	9.12	63	381433	19.69	ug/l	99
46) Dibromomethane	9.21	93	220721	19.65	ug/l	91
47) Bromodichloromethane	9.41	83	477091	19.32	ug/l	95
48) Methyl methacrylate	9.20	41	254291	21.54	ug/l	87
49) 1,4-Dioxane	9.21	88	72144	442.71	ug/l #	92
51) 4-Methyl-2-Pentanone	9.99	43	1458764	111.01	ug/l	96
52) Toluene	10.16	92	872714	20.09	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	452566	19.16	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	539583	19.35	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	322931	19.94	ug/l	97
56) Ethyl methacrylate	10.43	69	388808	20.81	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	536566	20.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	451940	78.12	ug/l	96
59) 2-Hexanone	10.75	43	948851	112.00	ug/l	93
60) Dibromochloromethane	10.90	129	354353	19.61	ug/l	99
61) 1,2-Dibromoethane	11.01	107	309334	20.55	ug/l	99
64) Tetrachloroethene	10.63	164	435908	22.28	ug/l	96
65) Chlorobenzene	11.44	112	944713	19.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	354209	19.14	ug/l	99
67) Ethyl Benzene	11.51	91	1600253	19.62	ug/l	98
68) m/p-Xylenes	11.62	106	1225490	40.03	ug/l	98
69) o-Xylene	11.95	106	591817	20.07	ug/l	96
70) Styrene	11.97	104	948723	20.39	ug/l	97
71) Bromoform	12.13	173	240861	20.11	ug/l	100
73) Isopropylbenzene	12.25	105	1569137	19.69	ug/l	98
74) N-amyl acetate	12.07	43	404370	20.72	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	359508	20.61	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	474710	30.66	ug/l #	100
77) Bromobenzene	12.53	156	409221	19.44	ug/l	88
78) n-propylbenzene	12.59	91	1747110	19.97	ug/l	99
79) 2-Chlorotoluene	12.68	91	1066711	19.24	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1273521	20.33	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	96927	19.78	ug/l	95
82) 4-Chlorotoluene	12.78	91	1060728	19.83	ug/l	98
83) tert-Butylbenzene	13.00	119	1089876	19.64	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1271129	20.43	ug/l	99
85) sec-Butylbenzene	13.17	105	1445065	19.57	ug/l	99
86) p-Isopropyltoluene	13.29	119	1211548	19.64	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	662494	19.13	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	637094	18.56	ug/l	100
89) n-Butylbenzene	13.62	91	900284	18.68	ug/l	98
90) Hexachloroethane	13.88	117	242035	19.70	ug/l	89
91) 1,2-Dichlorobenzene	13.66	146	659179	19.41	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	56826	20.48	ug/l	85

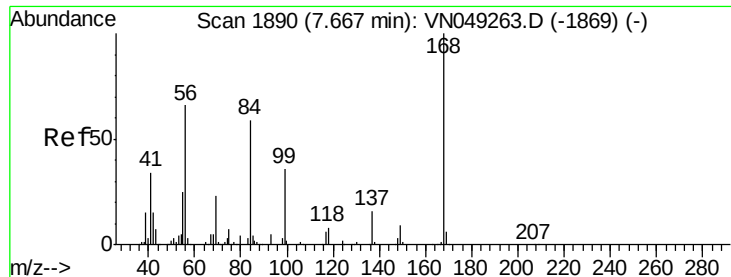
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062118\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	216796	17.35	ug/l	99
94) Hexachlorobutadiene	15.01	225	209222	19.40	ug/l	98
95) Naphthalene	15.14	128	480774	20.21	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	242726	18.31	ug/l	100

(#) = 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: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

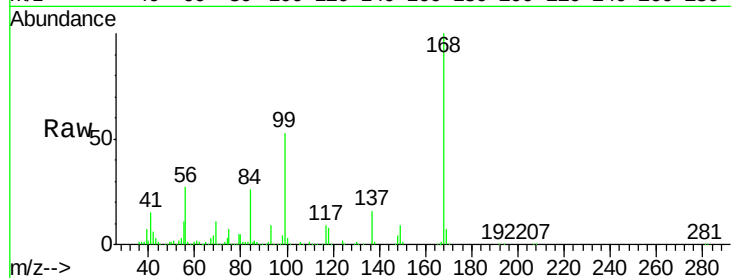
ClientSampled :

Tot Ion:168 Resp: 1400807

Ion Ratio Lower Upper

168 100

99 52.3 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

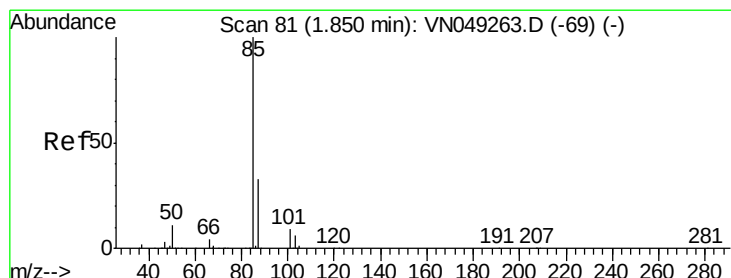
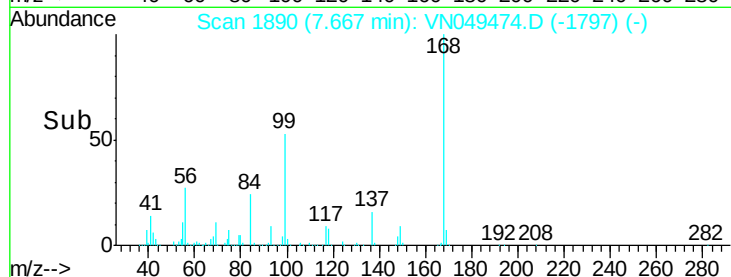
400000

200000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.82 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049474.D

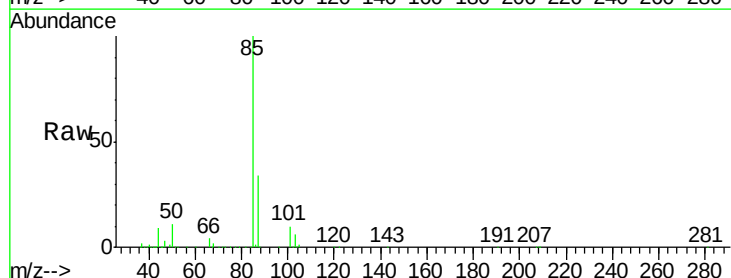
Acq: 21 Jun 2018 17:53

Tgt Ion: 85 Resp: 303484

Ion Ratio Lower Upper

85 100

87 33.8 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

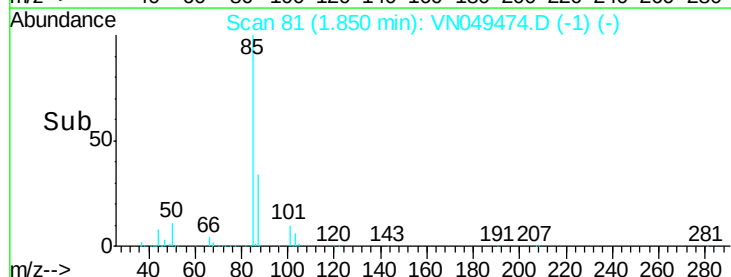
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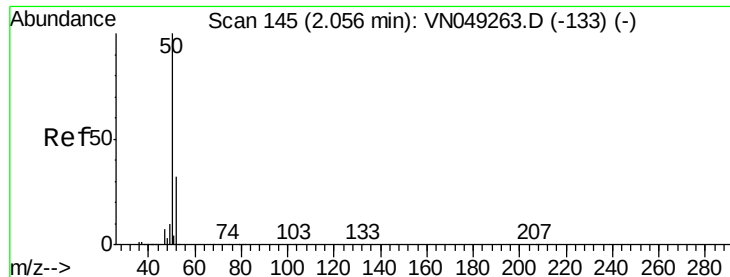
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.71 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

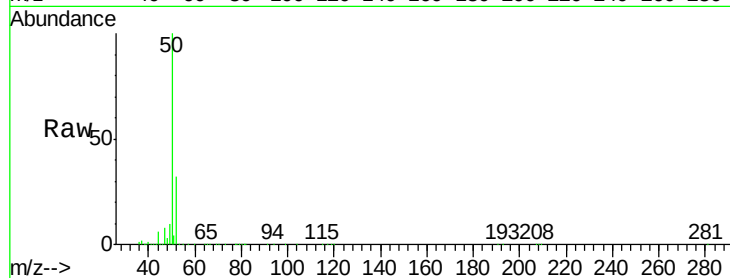
ClientSampleId :

Tot Ion: 50 Resp: 389565

Ion Ratio Lower Upper

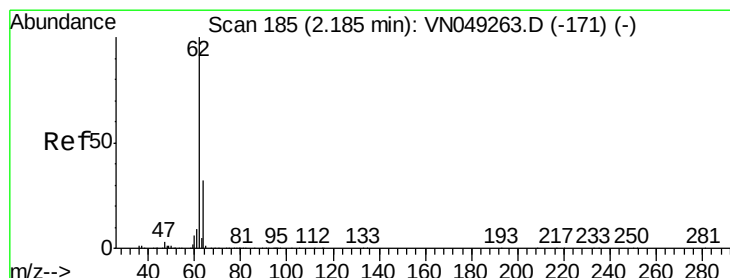
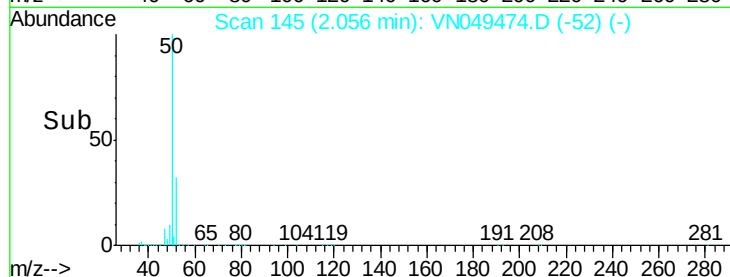
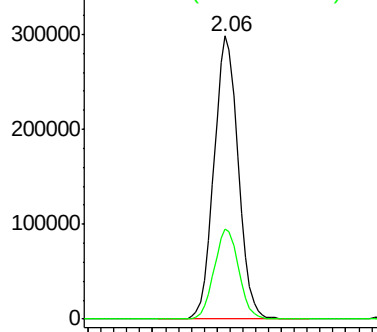
50 100

52 31.9 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: 18.78 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049474.D

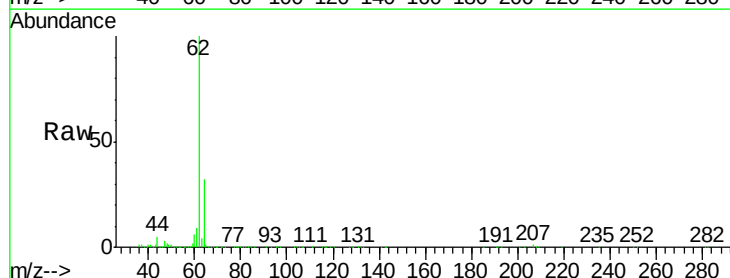
Acq: 21 Jun 2018 17:53

Tgt Ion: 62 Resp: 415511

Ion Ratio Lower Upper

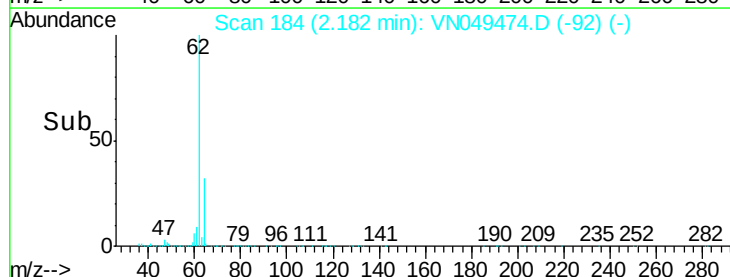
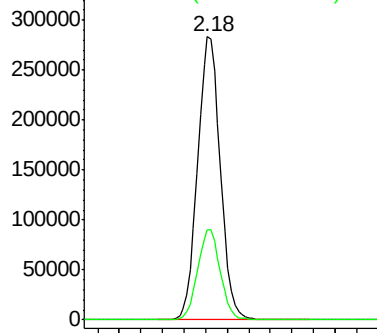
62 100

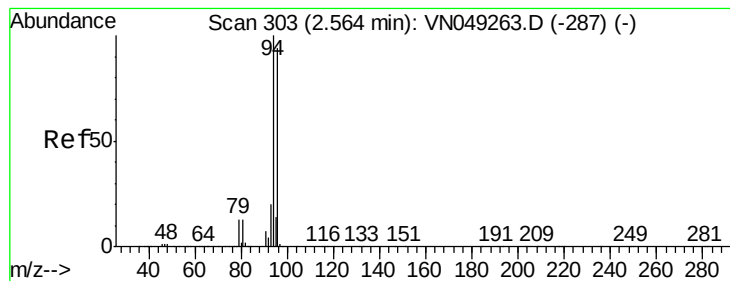
64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 17.62 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

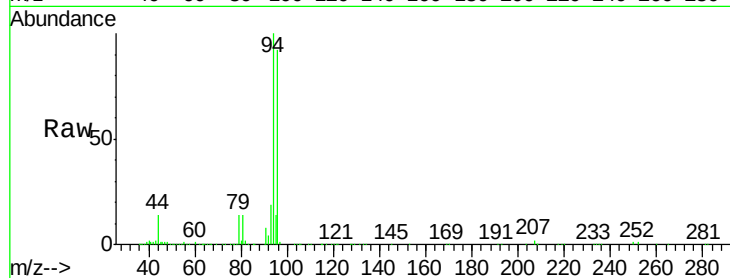
ClientSampled :

Tot Ion: 94 Resp: 204986

Ion Ratio Lower Upper

94 100

96 91.1 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

120000

100000

80000

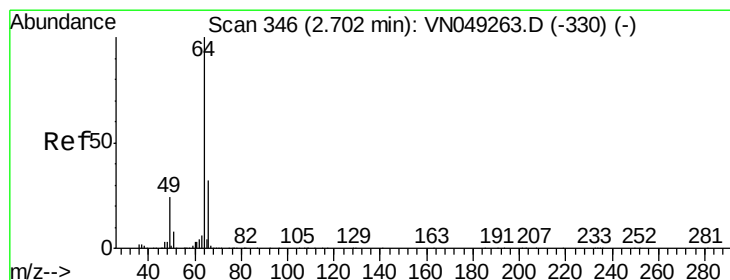
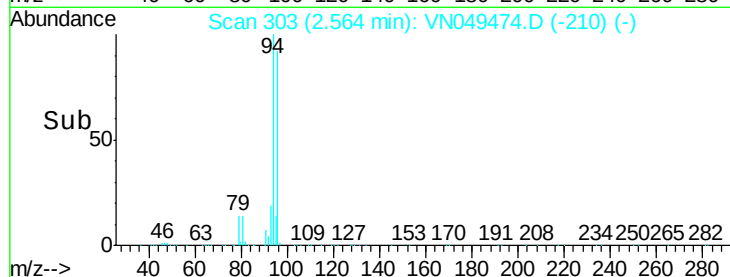
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 19.77 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049474.D

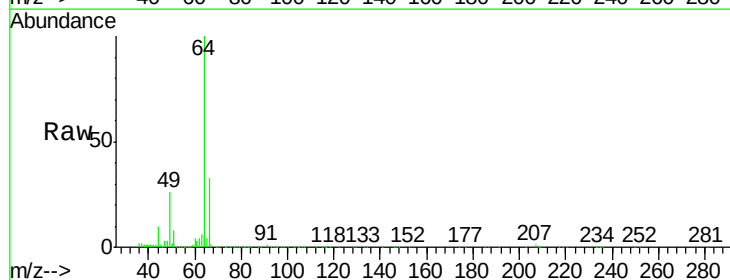
Acq: 21 Jun 2018 17:53

Tgt Ion: 64 Resp: 260807

Ion Ratio Lower Upper

64 100

66 32.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

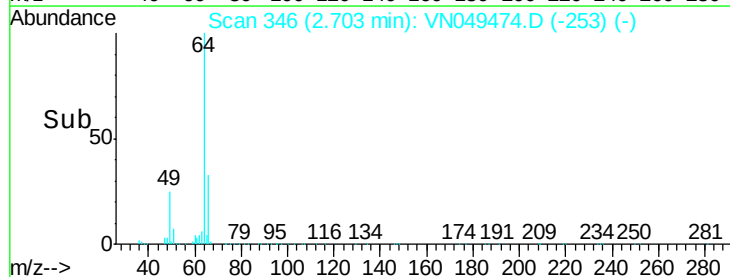
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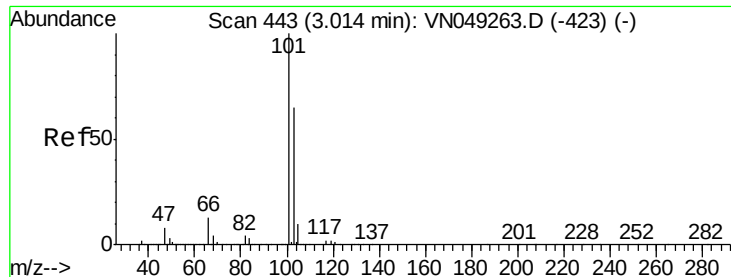
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50000

0

Time-->



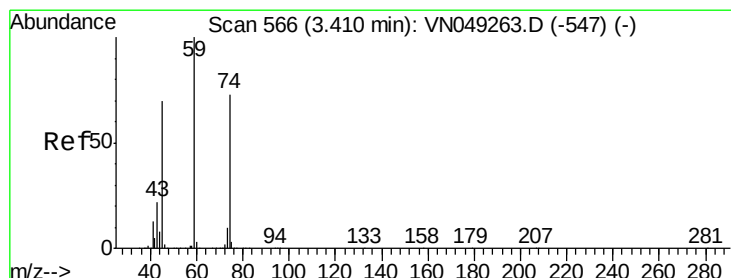
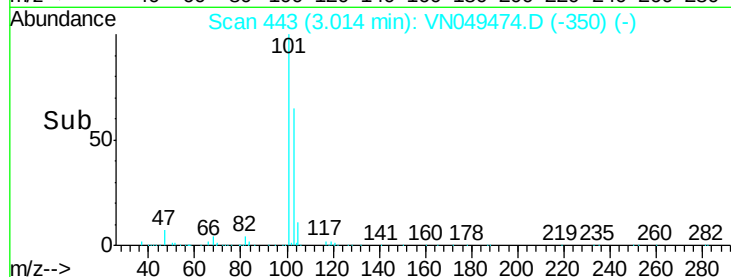
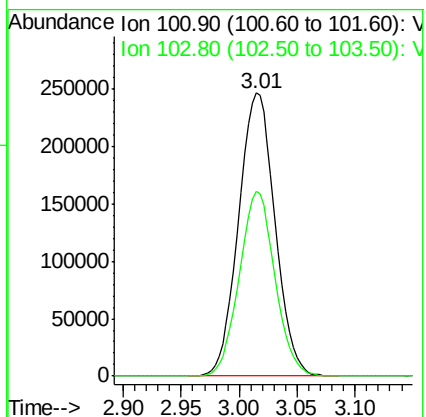
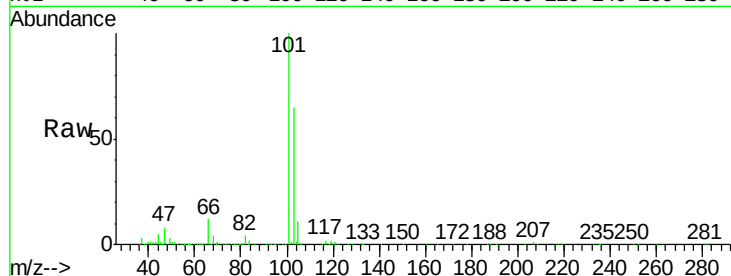


#7

Trichlorofluoromethane
Concen: 19.55 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Instrument :
MSVOA_N
ClientSampled :

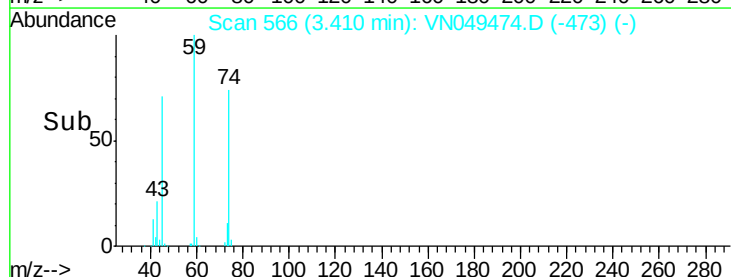
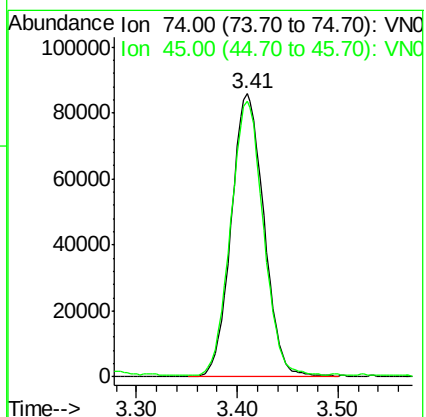
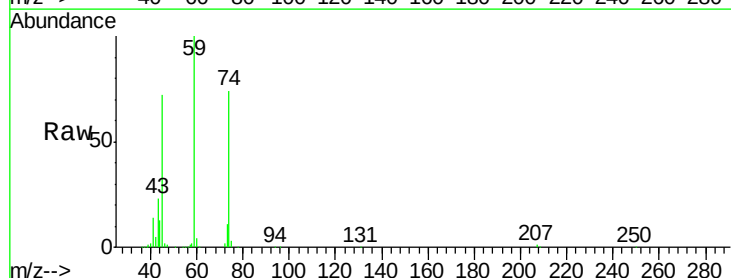
Tot Ion:101 Resp: 539721
Ion Ratio Lower Upper
101 100
103 65.4 51.7 77.5

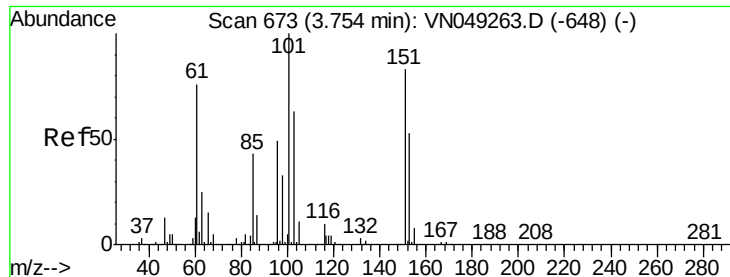


#8

Diethyl Ether
Concen: 20.09 ug/l
RT: 3.41 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Tgt Ion: 74 Resp: 193646
Ion Ratio Lower Upper
74 100
45 97.1 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.78 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

ClientSampled :

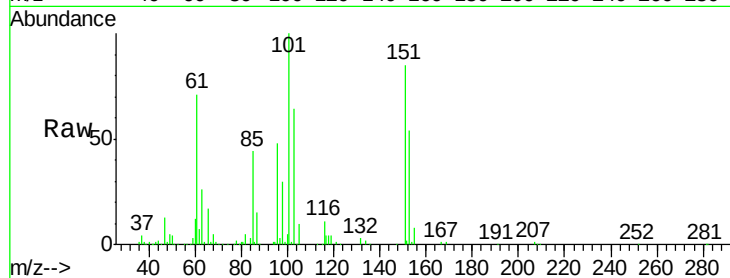
Tot Ion:101 Resp: 328766

Ion Ratio Lower Upper

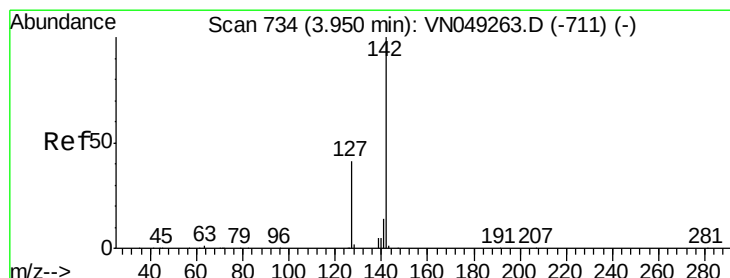
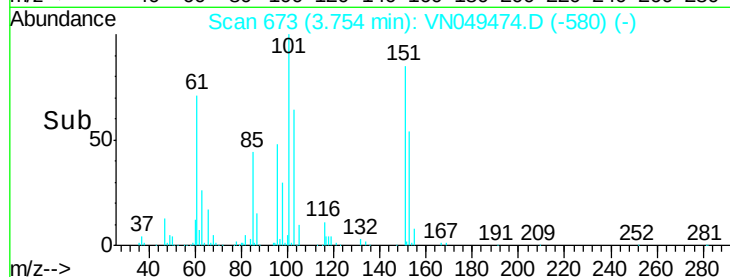
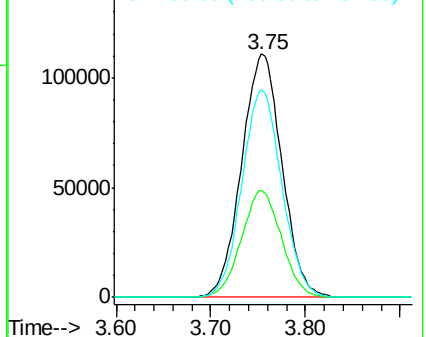
101 100

85 43.5 37.6 56.4

151 84.3 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: 20.14 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

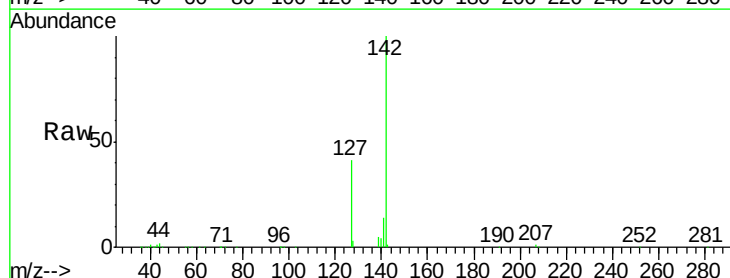
Tgt Ion:142 Resp: 366981

Ion Ratio Lower Upper

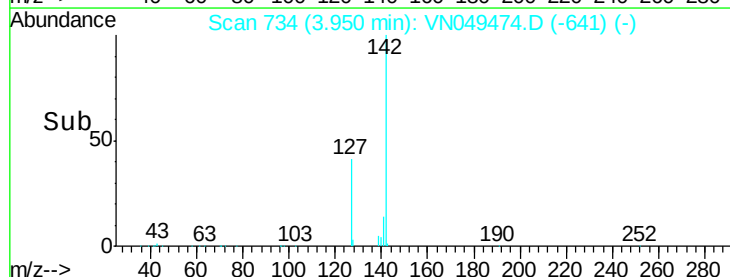
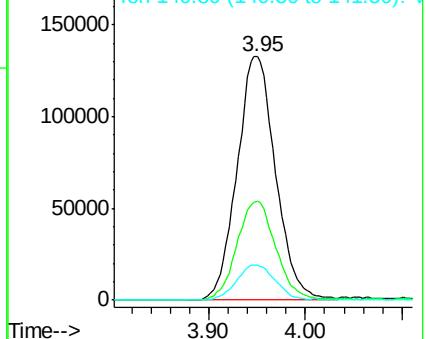
142 100

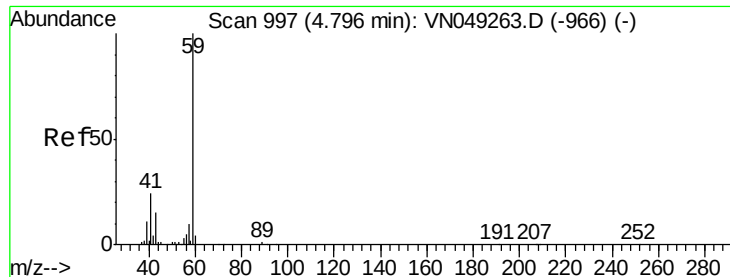
127 41.0 38.2 57.4

141 14.4 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



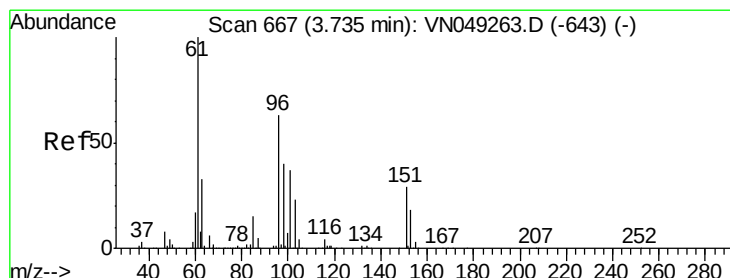
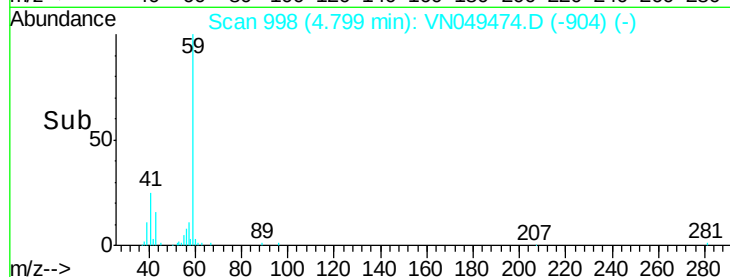
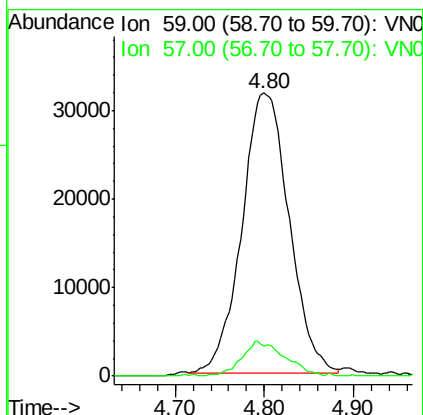
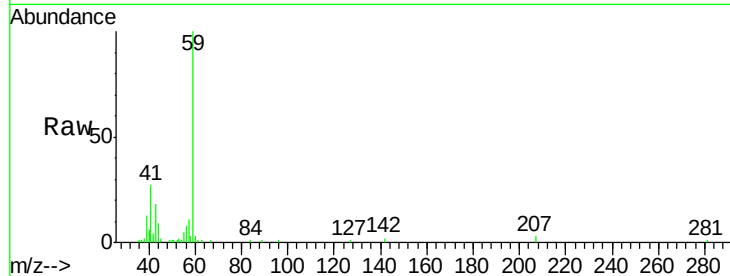


#11

Tert butyl alcohol
Concen: 106.32 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Instrument :
MSVOA_N
ClientSampled :

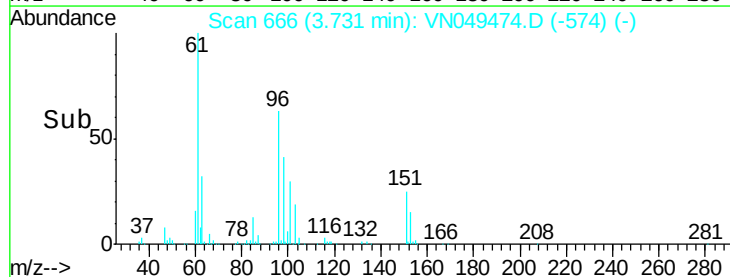
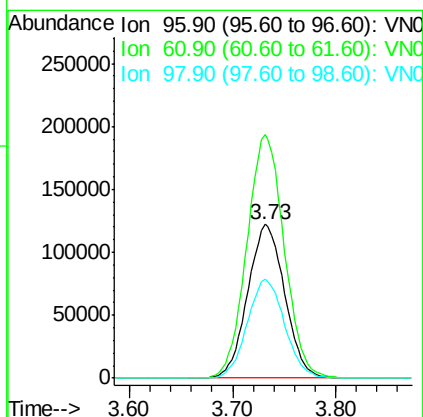
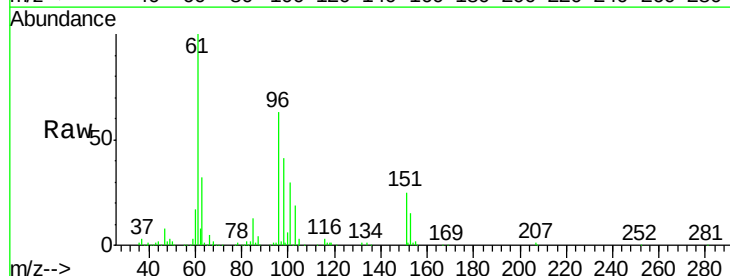
Tot Ion: 59 Resp: 115938
Ion Ratio Lower Upper
59 100
57 11.5 9.0 13.6

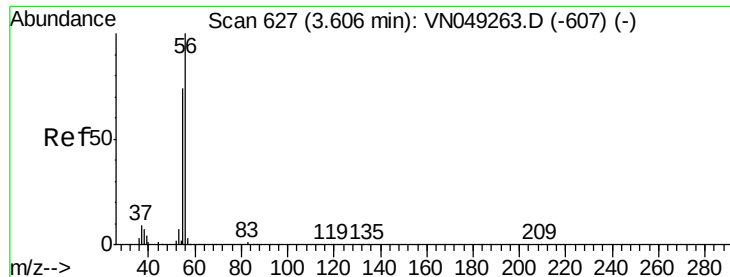


#12

1,1-Dichloroethene
Concen: 18.84 ug/l
RT: 3.73 min Scan# 666
Delta R.T. -0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Tgt Ion: 96 Resp: 302678
Ion Ratio Lower Upper
96 100
61 158.8 141.0 211.4
98 64.6 50.4 75.6





#13

Acrolein

Concen: 104.80 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

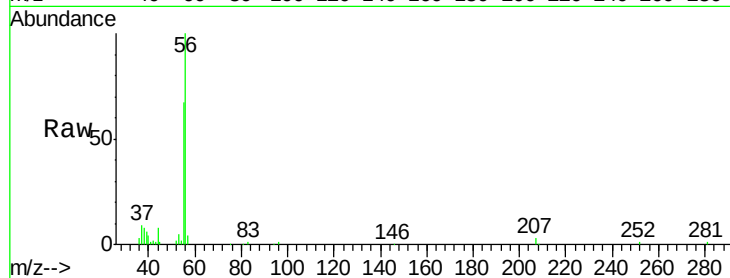
ClientSampled :

Tot Ion: 56 Resp: 119847

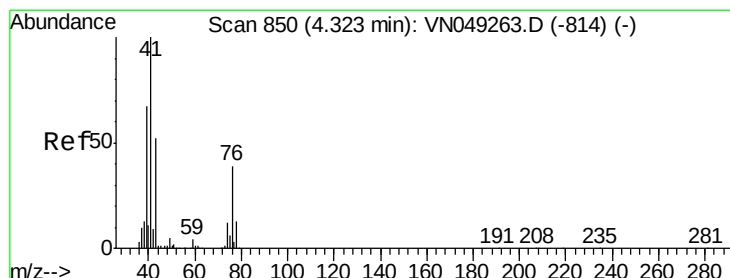
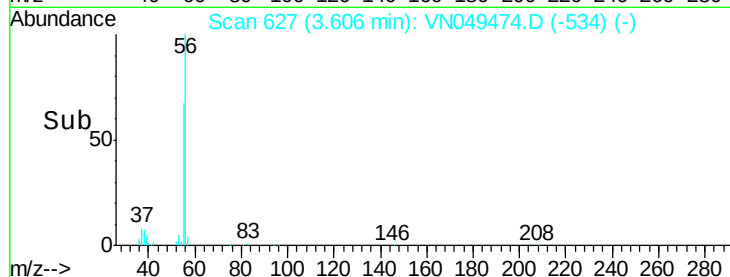
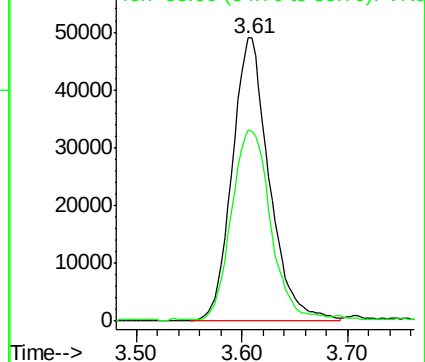
Ion Ratio Lower Upper

56 100

55 69.7 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 19.48 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

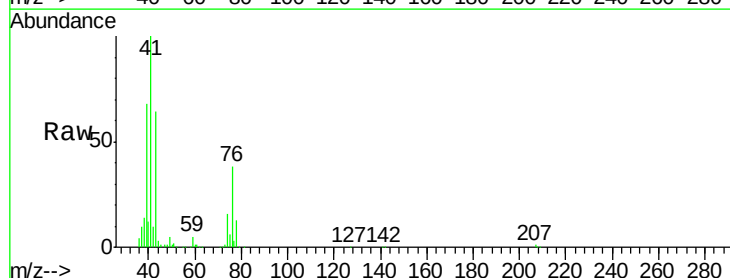
Tgt Ion: 41 Resp: 494047

Ion Ratio Lower Upper

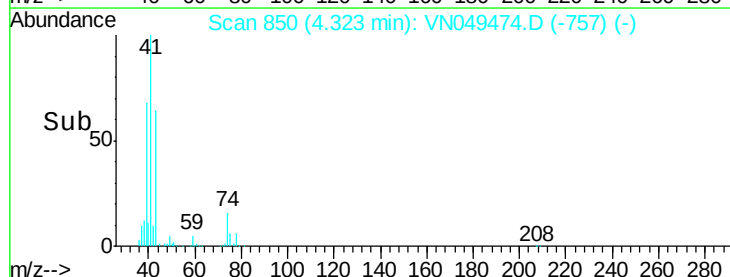
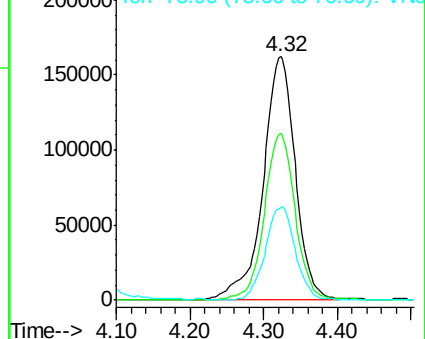
41 100

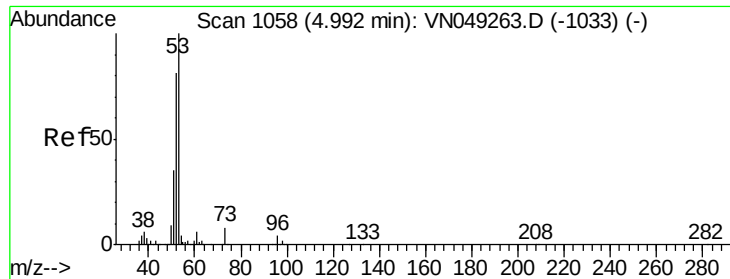
39 64.9 62.5 93.7

76 35.0 27.1 40.7



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO

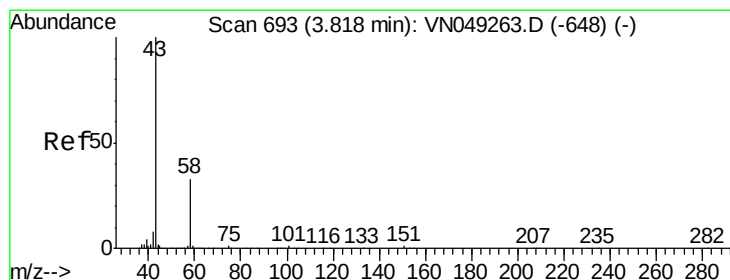
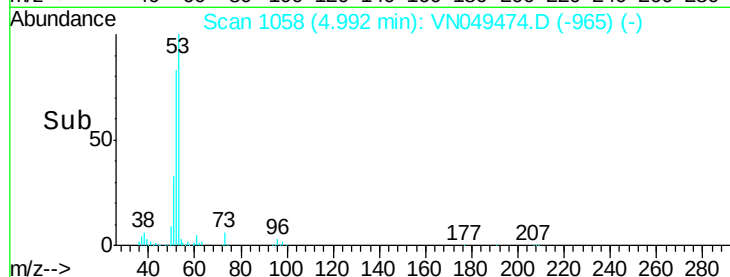
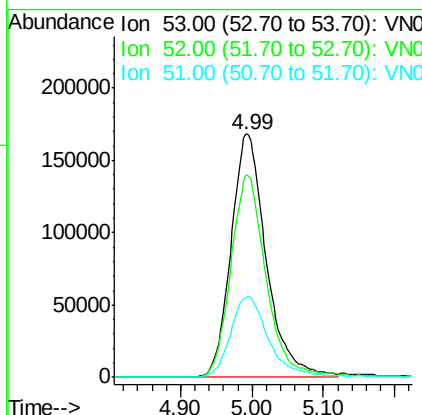
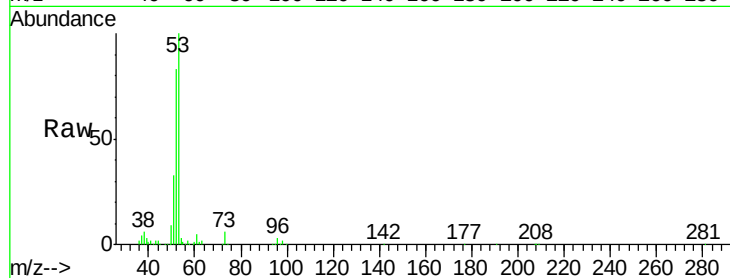




#15
 Acrylonitrile
 Concen: 106.27 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: VN049474.D
 Acq: 21 Jun 2018 17:53

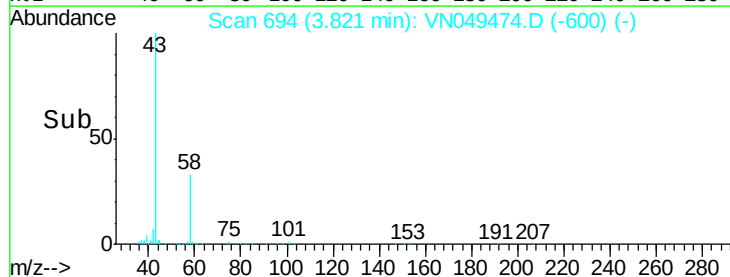
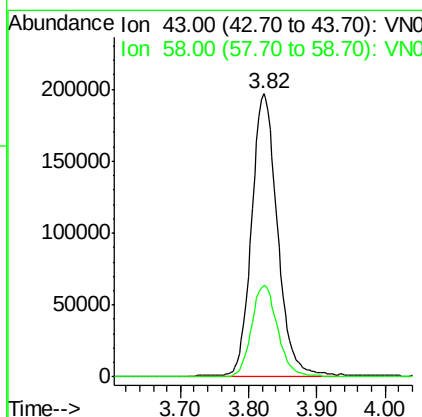
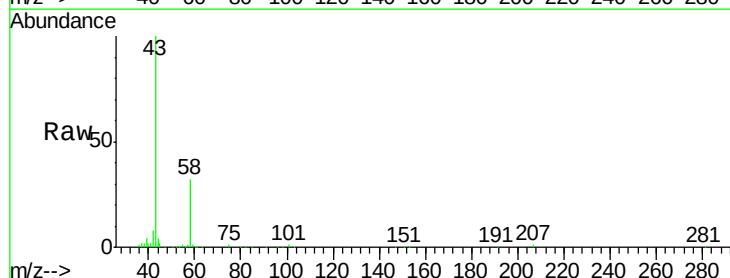
Instrument :
 MSVOA_N
 ClientSampleId :

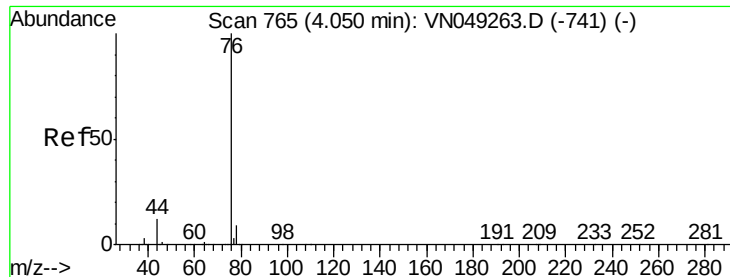
Tot Ion	53	Resp	579437
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.6	100.0
51	35.7	29.8	44.8



#16
 Acetone
 Concen: 115.03 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VN049474.D
 Acq: 21 Jun 2018 17:53

Tgt Ion	43	Resp	518933
Ion Ratio	Lower	Upper	
43	100		
58	32.4	22.4	33.6

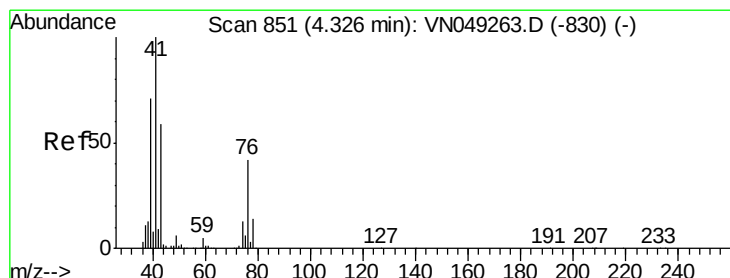
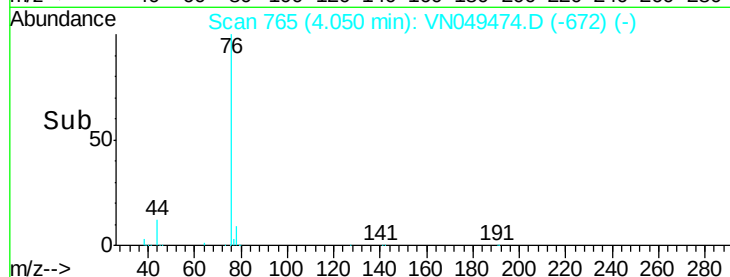
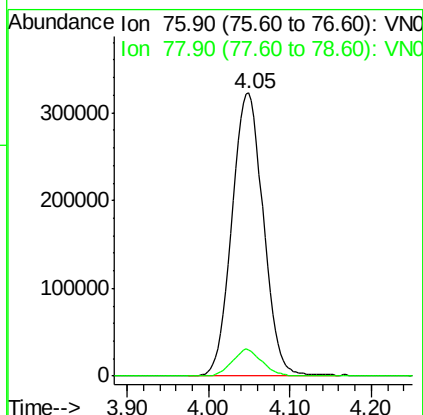
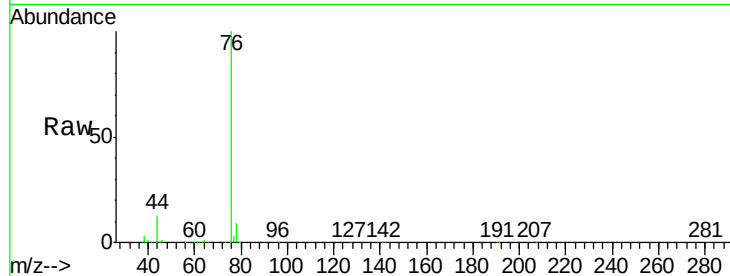




#17
Carbon Disulfide
Concen: 17.22 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

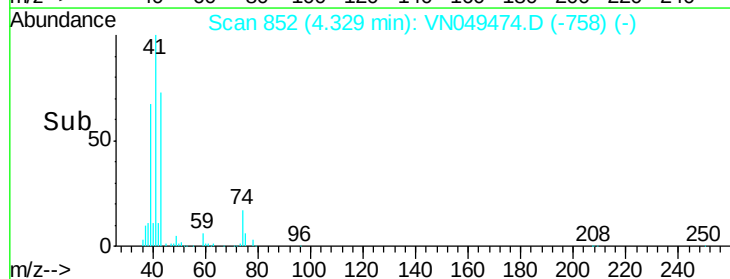
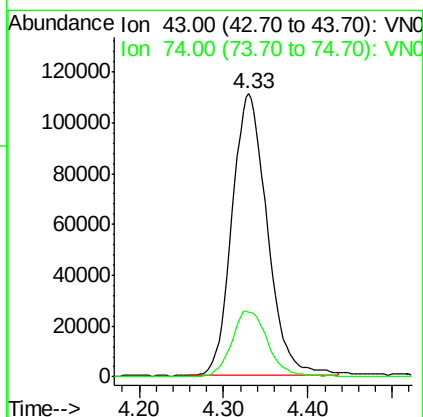
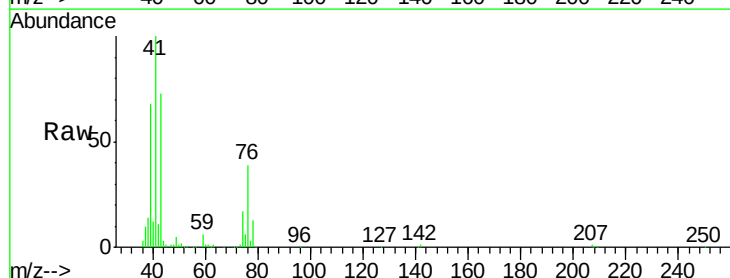
Instrument :
MSVOA_N
ClientSampleId :

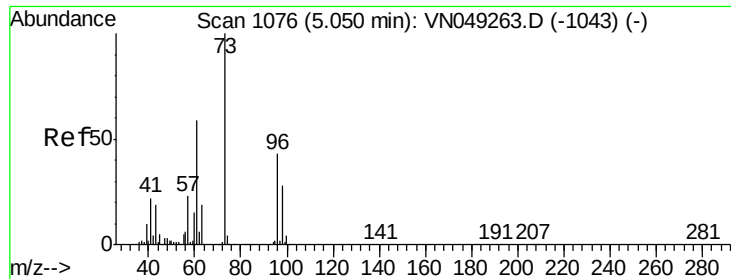
Tot Ion: 76 Resp: 867086
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 23.44 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Tgt Ion: 43 Resp: 322349
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0

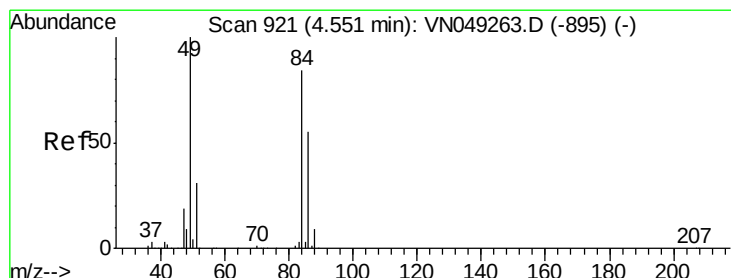
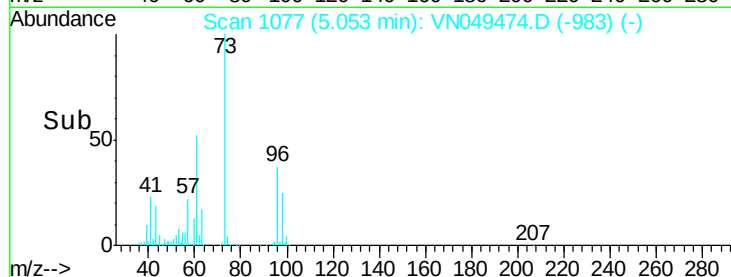
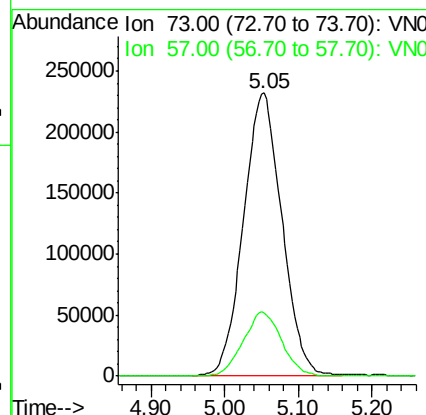
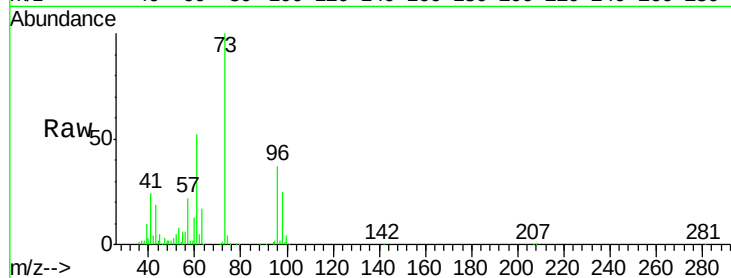




#19
Methyl tert-butyl Ether
Concen: 20.54 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

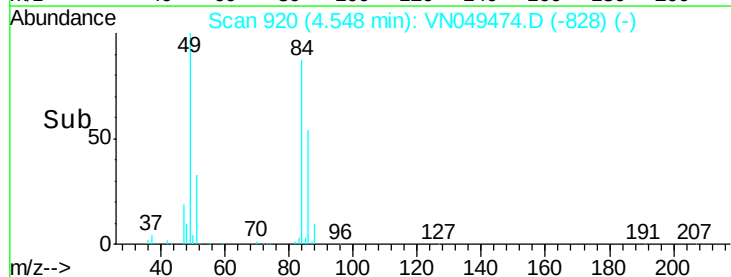
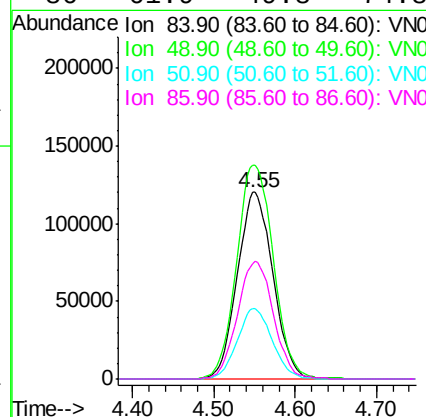
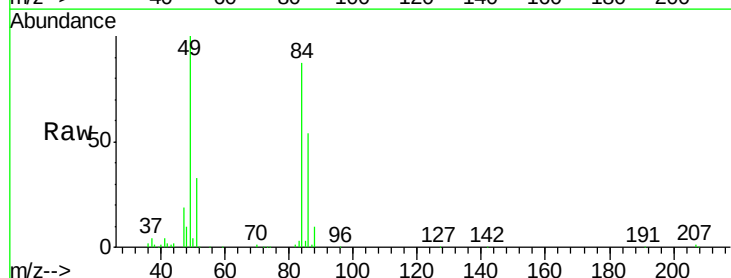
Instrument :
MSVOA_N
ClientSampled :

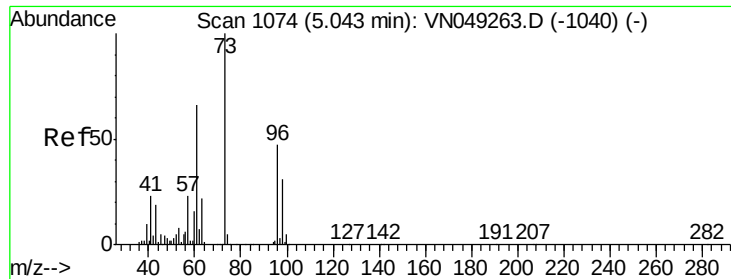
Tot Ion: 73 Resp: 841269
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4



#20
Methylene Chloride
Concen: 19.36 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Tgt Ion: 84 Resp: 364722
Ion Ratio Lower Upper
84 100
49 114.3 106.9 160.3
51 37.6 32.7 49.1
86 61.9 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 18.84 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

ClientSampleId :

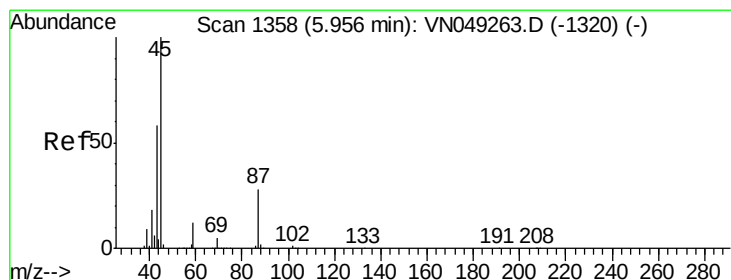
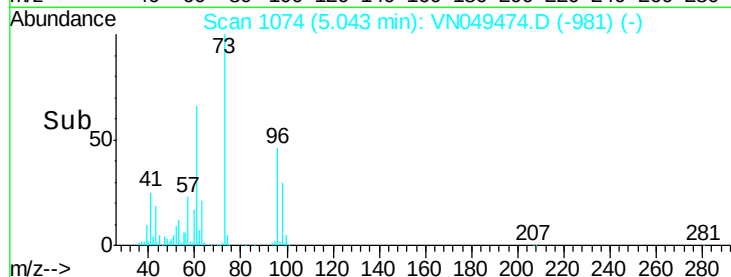
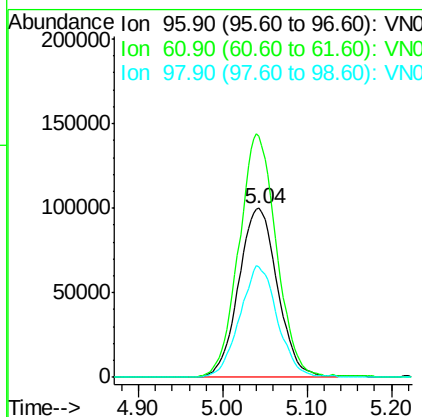
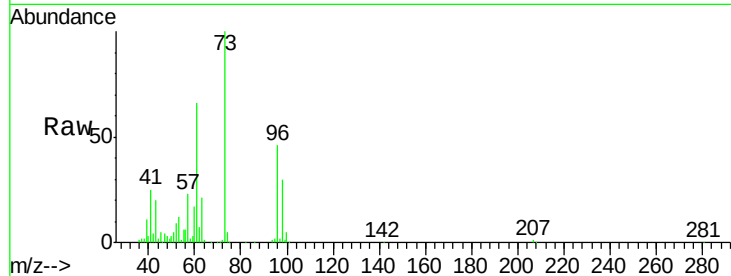
Tot Ion: 96 Resp: 320341

Ion Ratio Lower Upper

96 100

61 142.6 121.3 181.9

98 65.4 52.0 78.0



#22

Diisopropyl ether

Concen: 20.41 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Tgt Ion: 45 Resp: 1033610

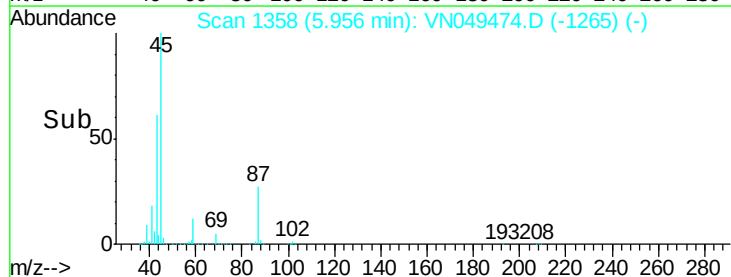
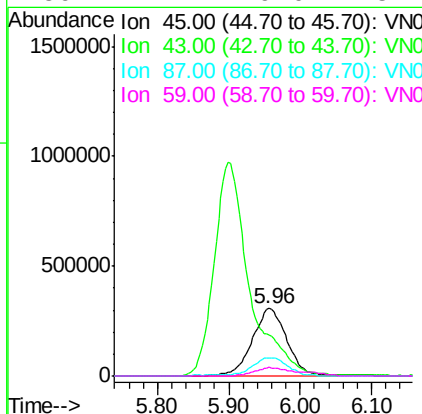
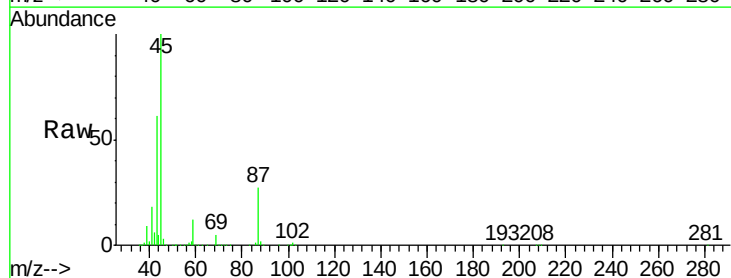
Ion Ratio Lower Upper

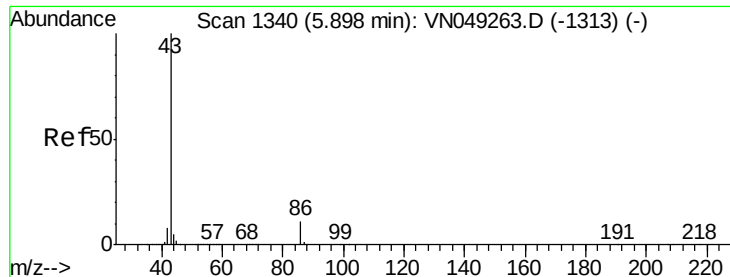
45 100

43 58.8 48.6 72.8

87 27.0 20.2 30.2

59 12.2 9.0 13.4





#23

Vinyl Acetate

Concen: 101.21 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

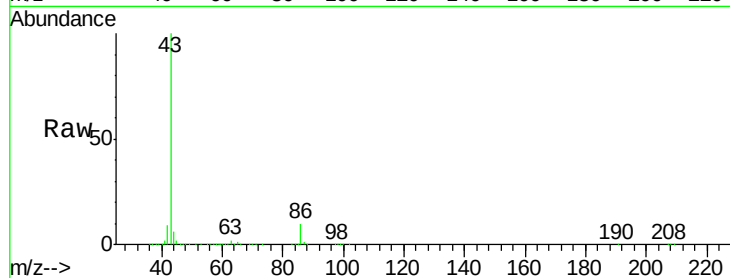
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3341368

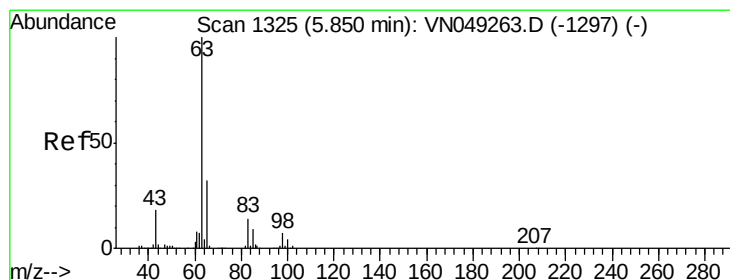
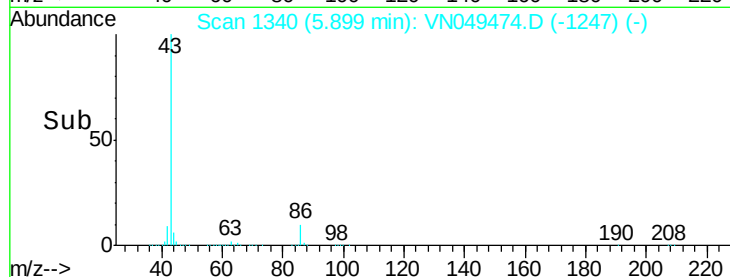
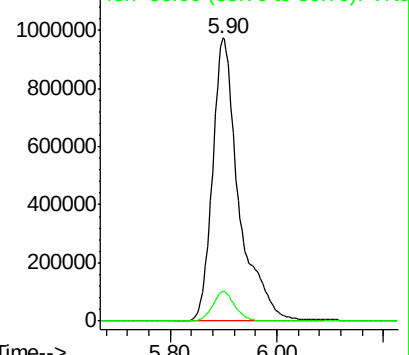
Ion Ratio Lower Upper

43 100

86 10.4 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN049474.D (-1247) (-)



#24

1,1-Dichloroethane

Concen: 19.26 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

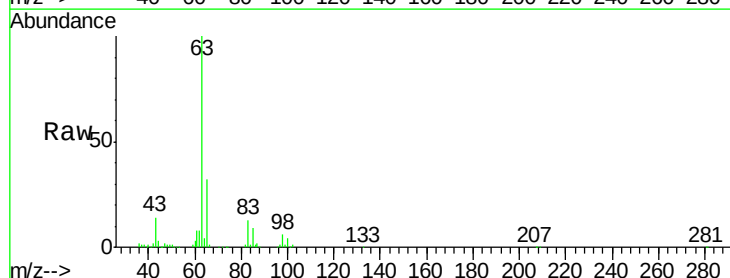
Tgt Ion: 63 Resp: 624393

Ion Ratio Lower Upper

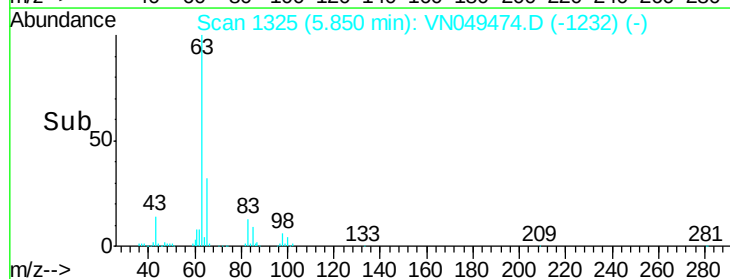
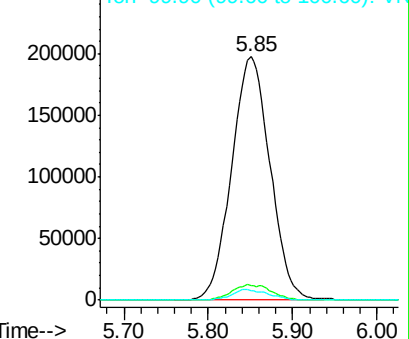
63 100

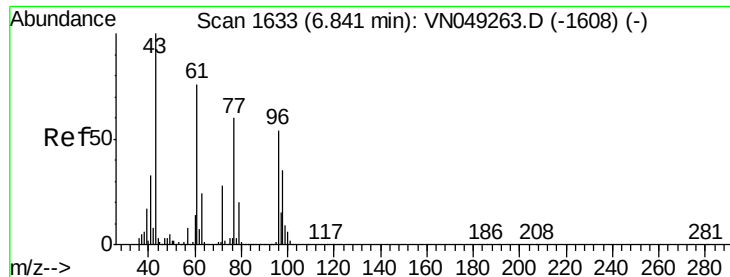
98 6.2 2.9 8.8

100 4.1 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN049474.D (-1232) (-)





#25

2-Butanone

Concen: 111.56 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

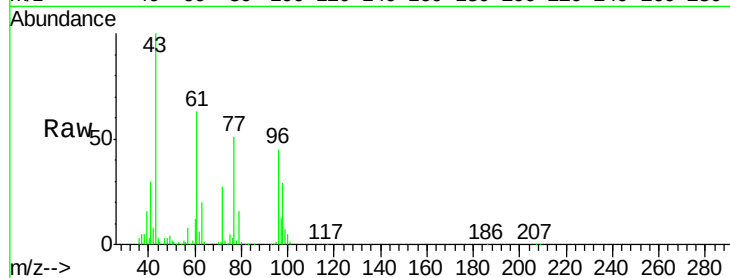
ClientSampled :

Tot Ion: 43 Resp: 675788

Ion Ratio Lower Upper

43 100

72 27.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

250000

200000

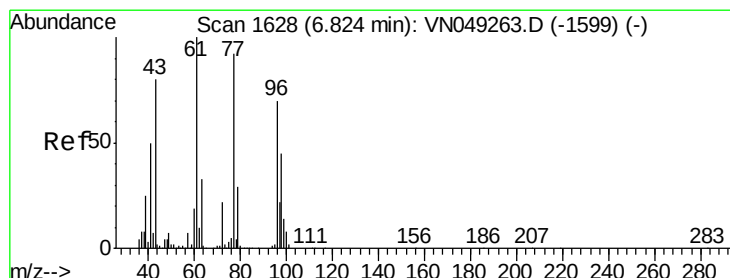
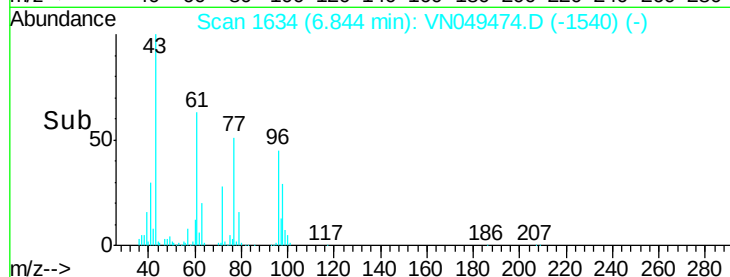
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 19.75 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN049474.D

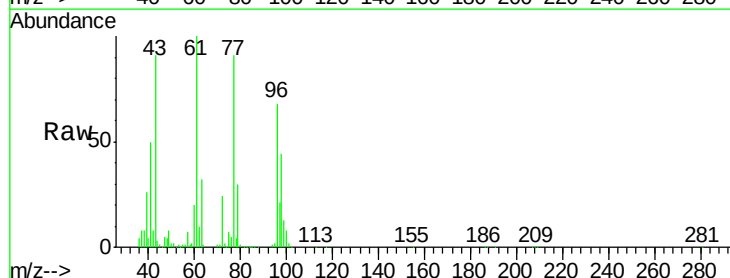
Acq: 21 Jun 2018 17:53

Tgt Ion: 77 Resp: 516932

Ion Ratio Lower Upper

77 100

97 23.4 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.83

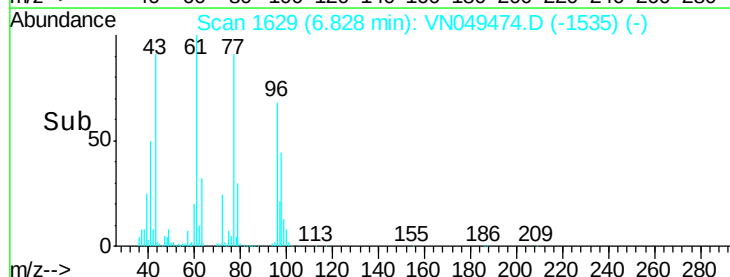
150000

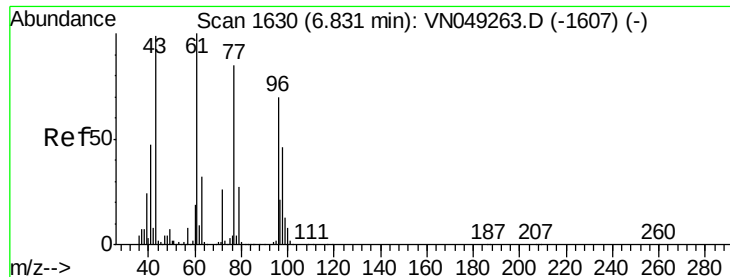
100000

50000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 19.32 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :
MSVOA_N
ClientSampleId :

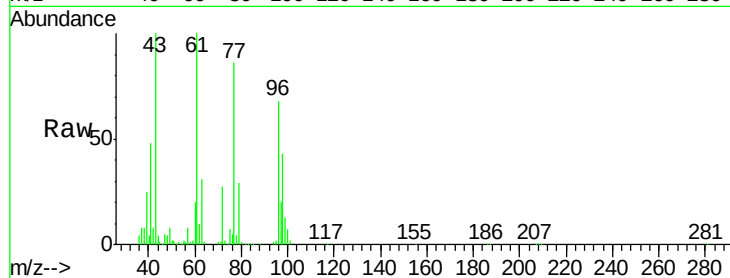
Tot Ion: 96 Resp: 365268

Ion Ratio Lower Upper

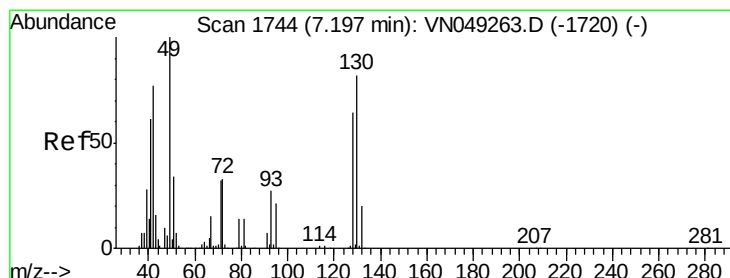
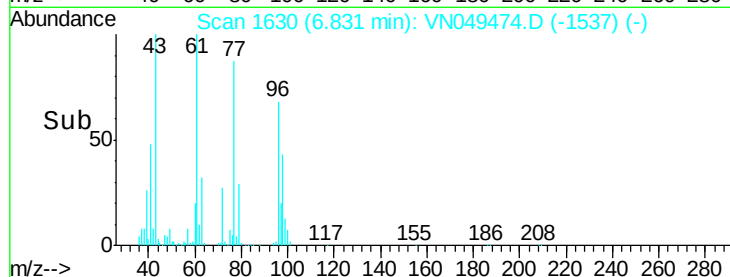
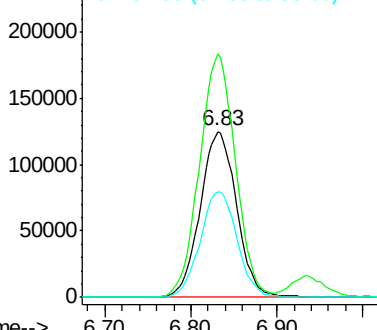
96 100

61 145.7 0.0 316.4

98 65.0 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: 17.75 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

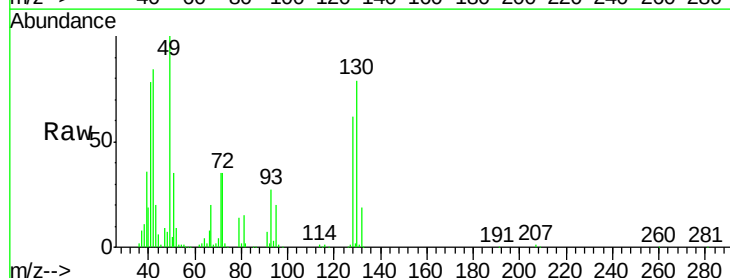
Tgt Ion: 49 Resp: 255043

Ion Ratio Lower Upper

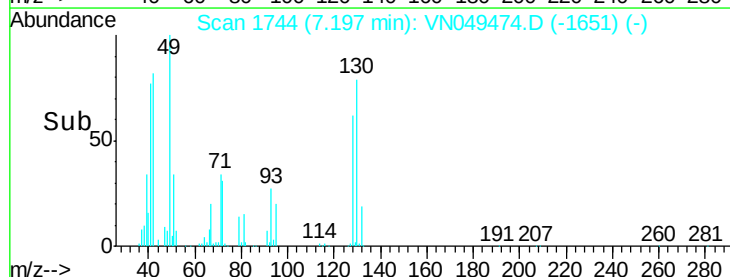
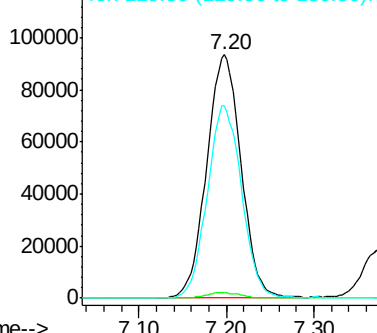
49 100

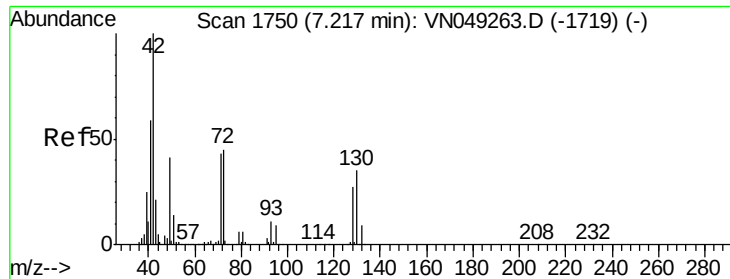
129 2.2 0.0 3.8

130 78.9 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

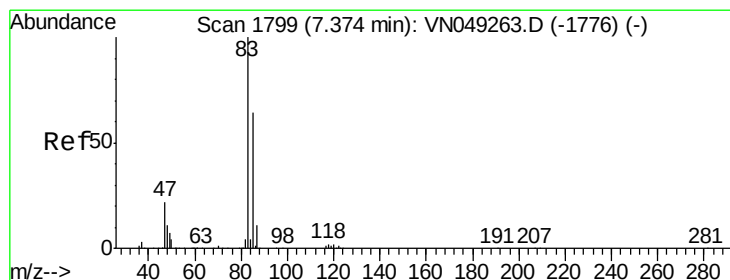
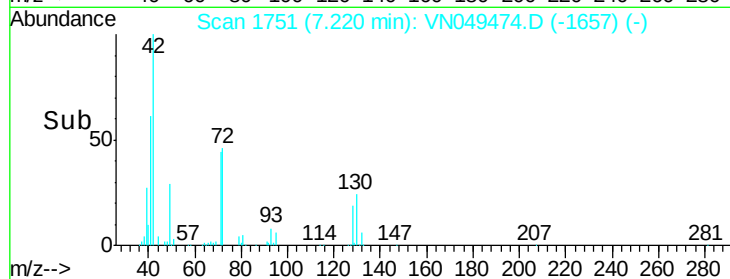
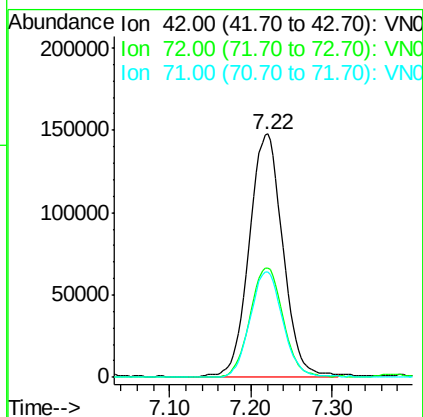
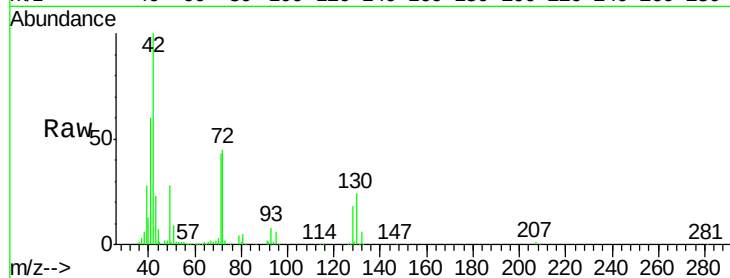




#29
Tetrahydrofuran
Concen: 107.42 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

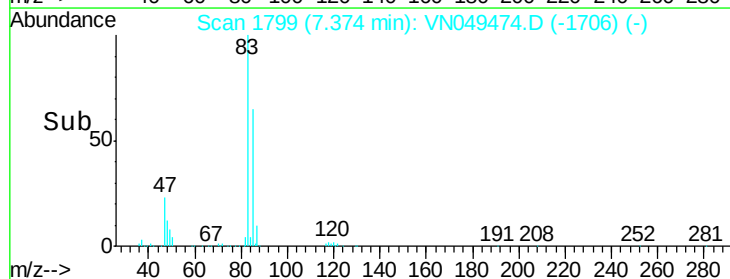
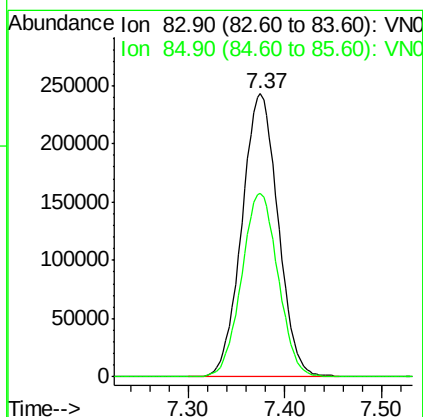
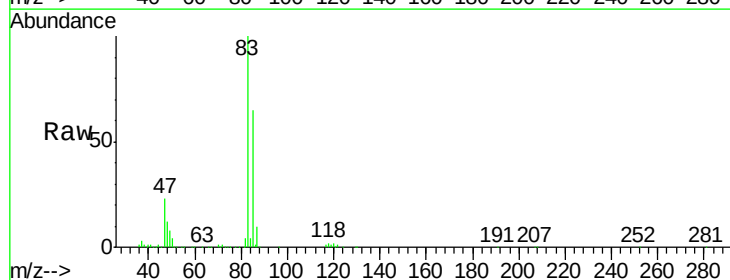
Instrument :
MSVOA_N
ClientSampleId :

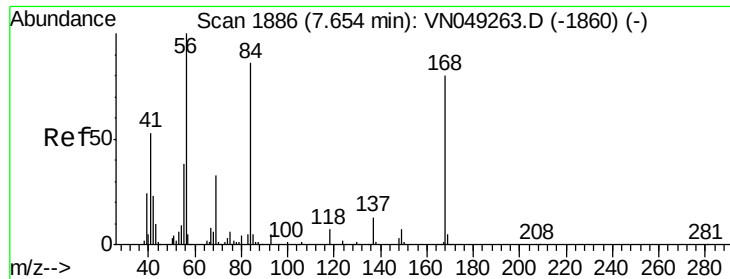
Tot Ion: 42 Resp: 418840
Ion Ratio Lower Upper
42 100
72 44.2 32.2 48.4
71 42.3 30.5 45.7



#30
Chloroform
Concen: 19.59 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Tgt Ion: 83 Resp: 631959
Ion Ratio Lower Upper
83 100
85 64.8 51.7 77.5

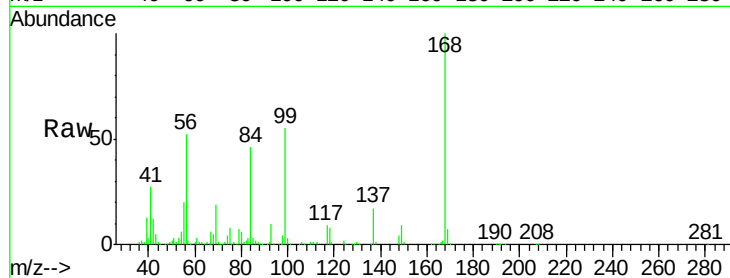




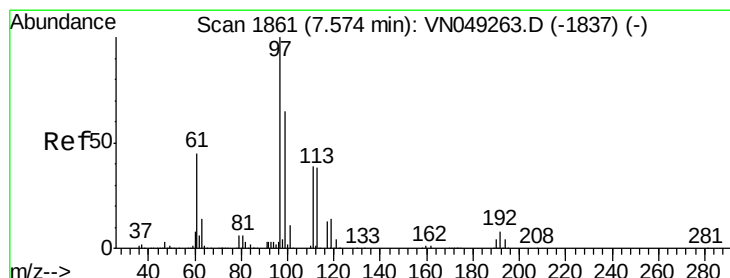
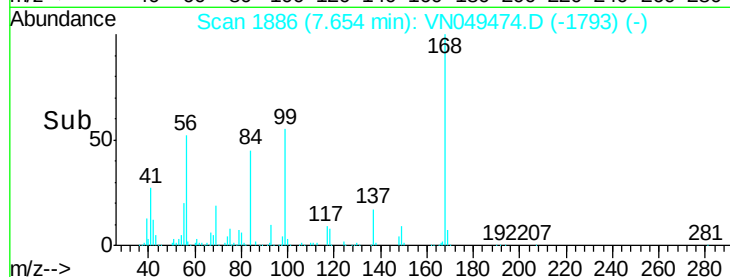
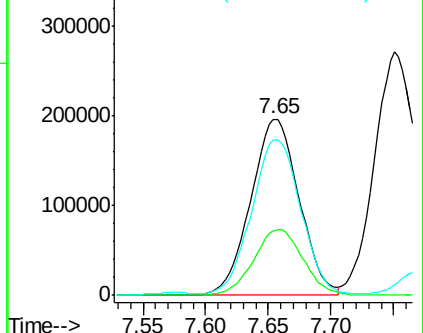
#31
Cyclohexane
Concen: 18.99 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 524822
Ion Ratio Lower Upper
56 100
69 36.4 25.0 37.4
84 87.4 64.6 96.8

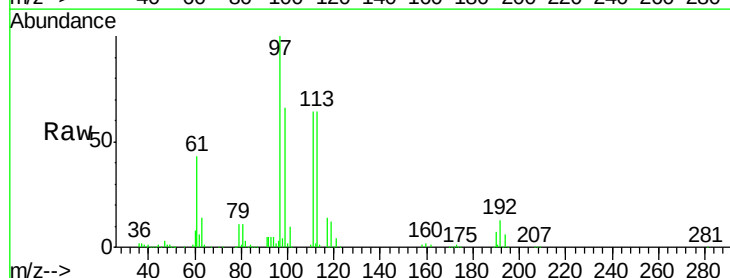


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

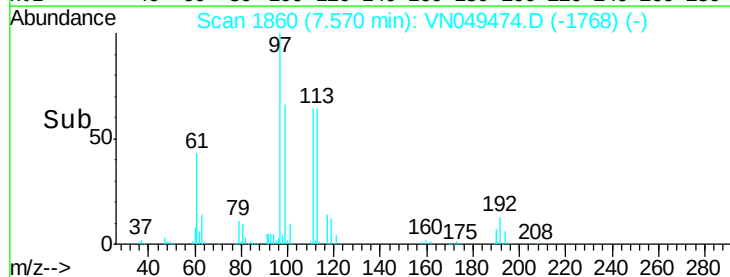
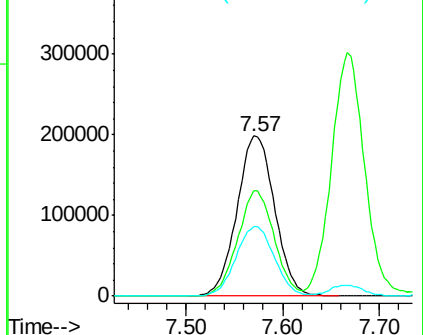


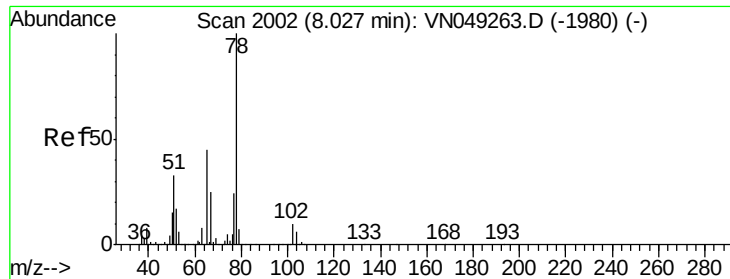
#32
1,1,1-Trichloroethane
Concen: 19.55 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Tgt Ion: 97 Resp: 538140
Ion Ratio Lower Upper
97 100
99 64.0 50.5 75.7
61 44.1 37.9 56.9



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

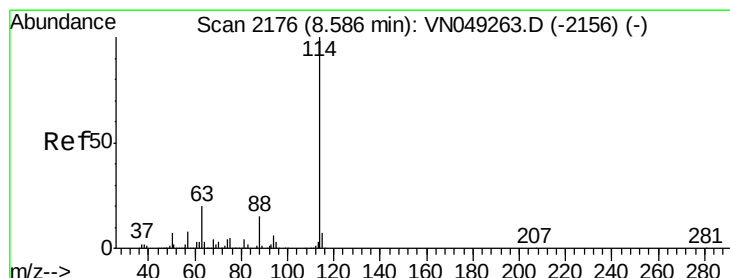
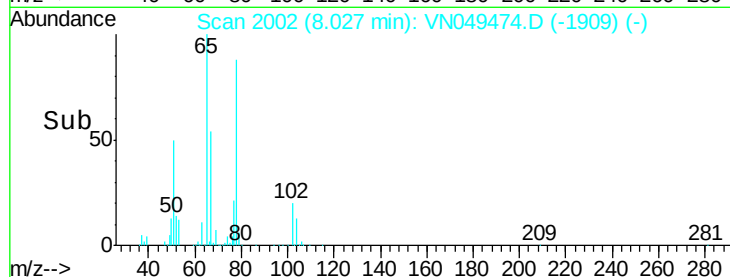
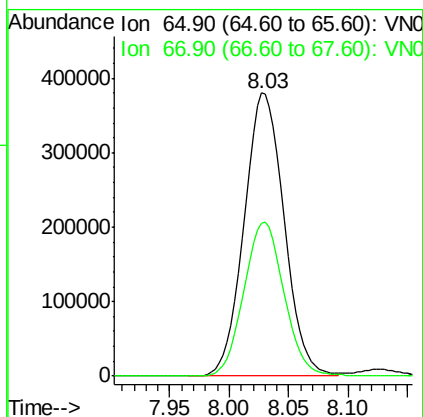
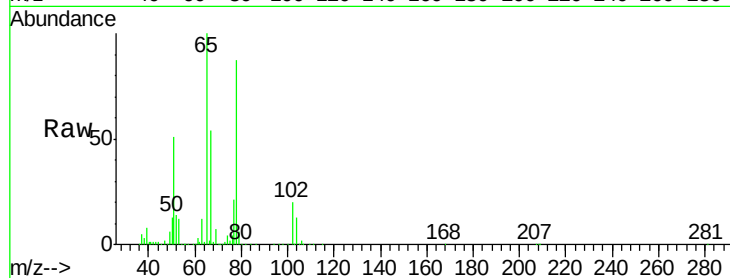




#33
 1,2-Dichloroethane-d4
 Concen: 47.65 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049474.D
 Acq: 21 Jun 2018 17:53

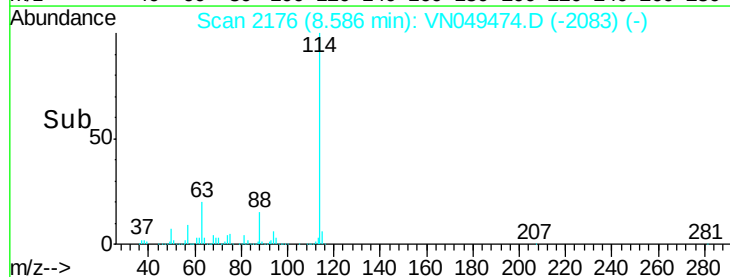
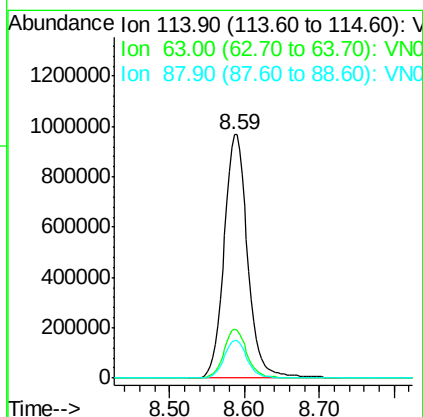
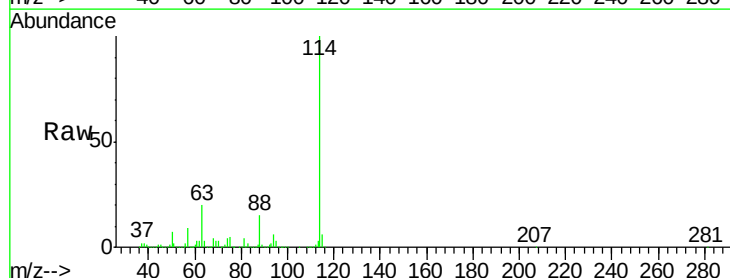
Instrument :
 MSVOA_N
 ClientSampleId :

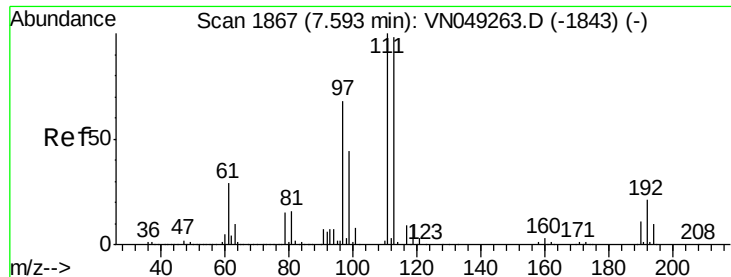
Tot Ion: 65 Resp: 885298
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049474.D
 Acq: 21 Jun 2018 17:53

Tgt Ion: 114 Resp: 2106155
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 44.4
 88 15.4 0.0 31.4

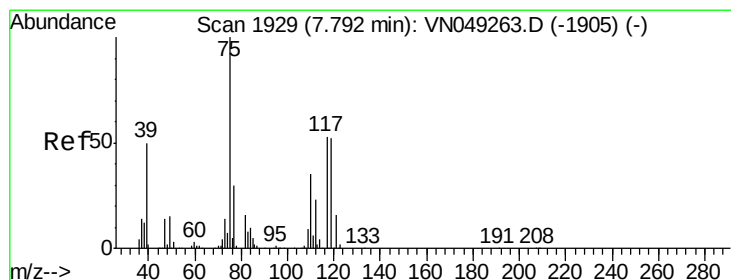
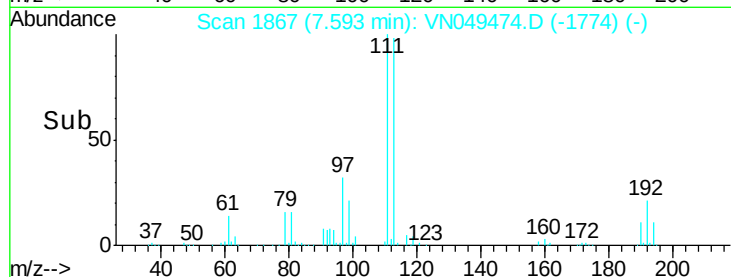
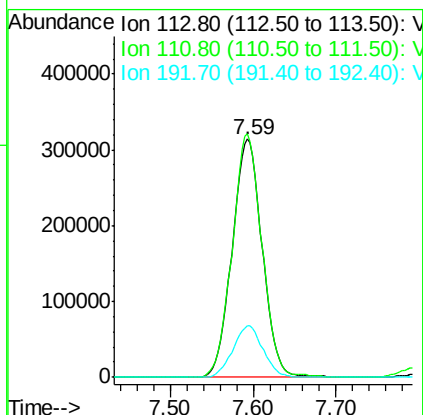
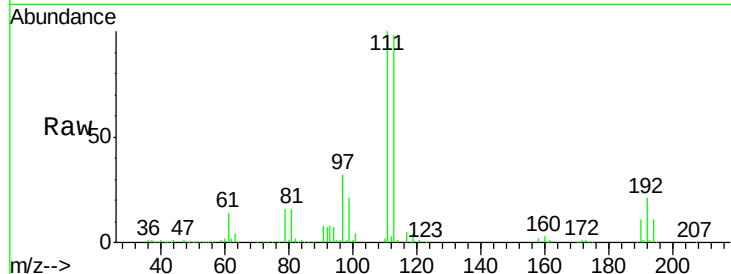




#35
 Dibromofluoromethane
 Concen: 46.48 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049474.D
 Acq: 21 Jun 2018 17:53

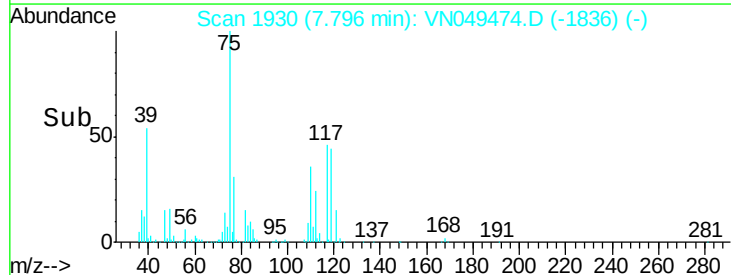
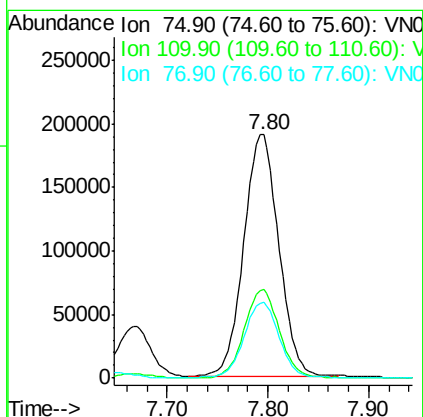
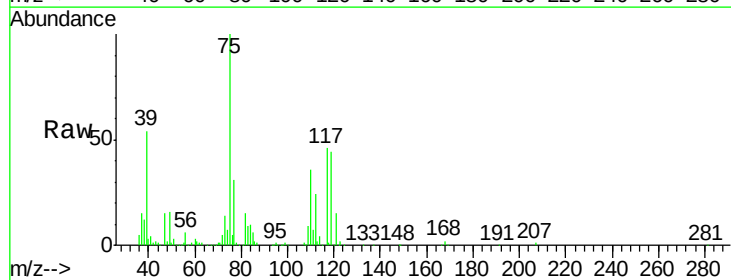
Instrument :
 MSVOA_N
 ClientSampleId :

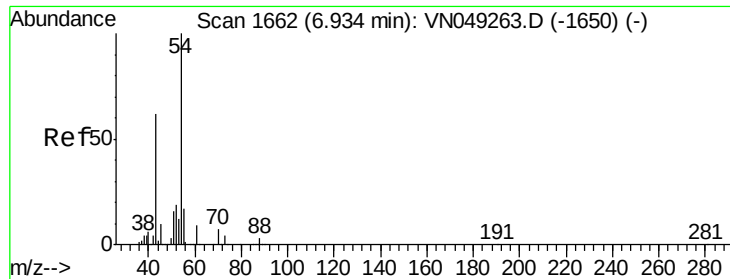
Tot Ion:113 Resp: 791943
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.4 123.6
 192 21.8 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 19.05 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN049474.D
 Acq: 21 Jun 2018 17:53

Tgt Ion: 75 Resp: 459904
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.0 50.9
 77 31.2 24.4 36.6

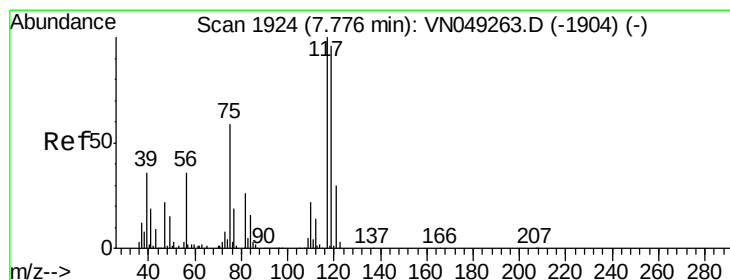
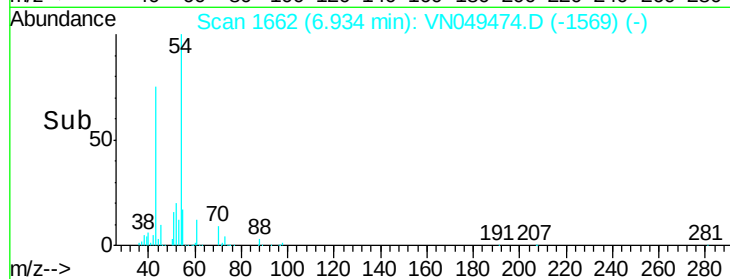
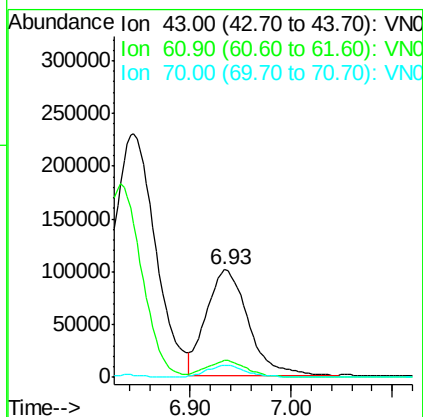
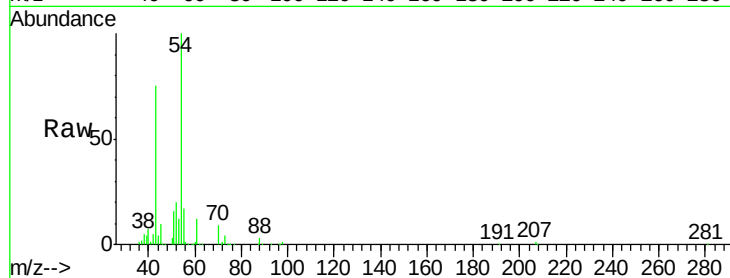




#37
Ethyl Acetate
Concen: 22.22 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

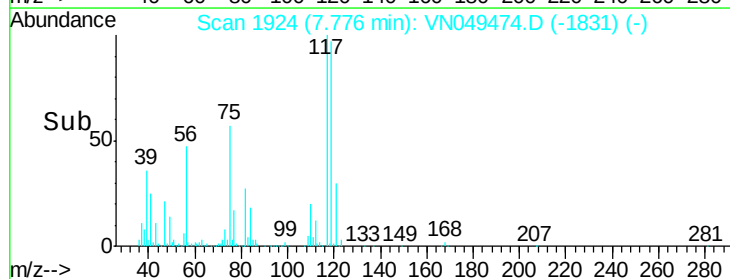
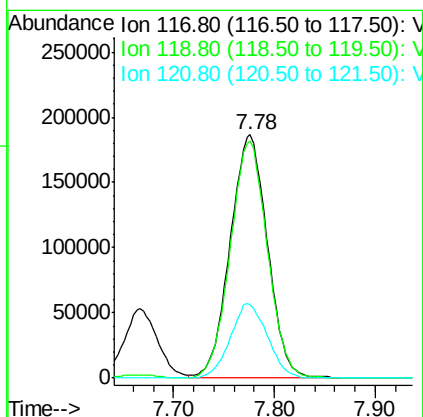
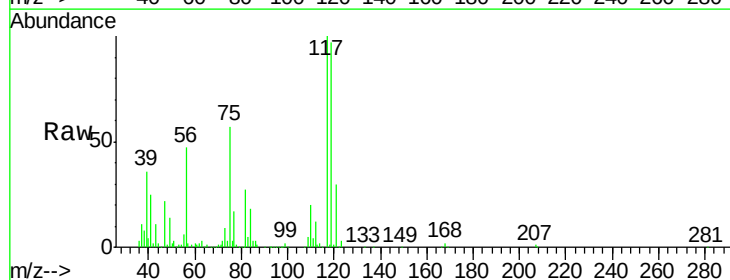
Instrument :
MSVOA_N
ClientSampled :

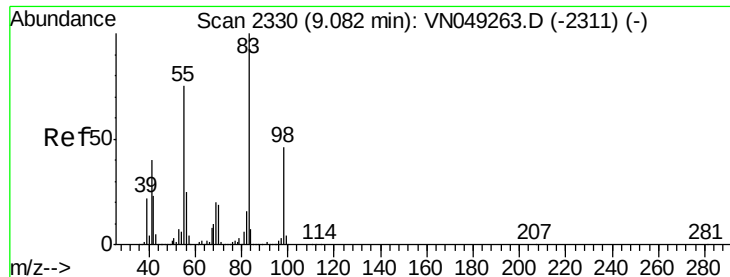
Tot Ion	43	Resp	291527
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.0	16.4
70	10.4	7.2	10.8



#38
Carbon Tetrachloride
Concen: 19.08 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Tgt Ion	117	Resp	476724
Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.6	113.4
121	30.2	24.7	37.1

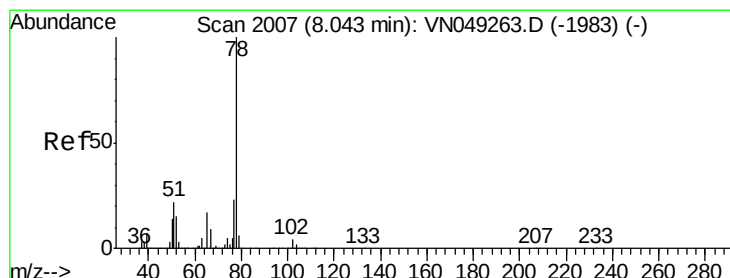
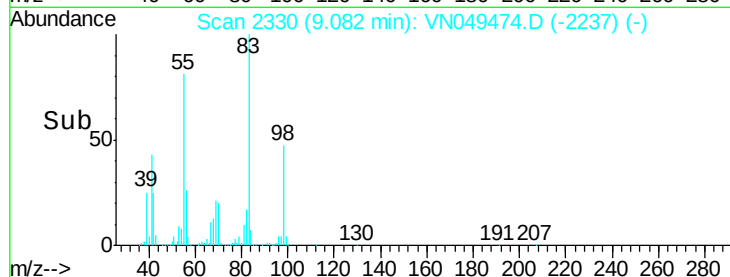
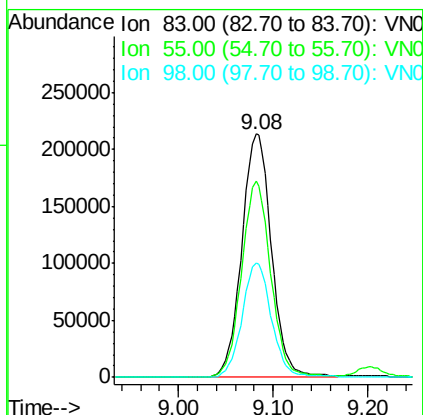
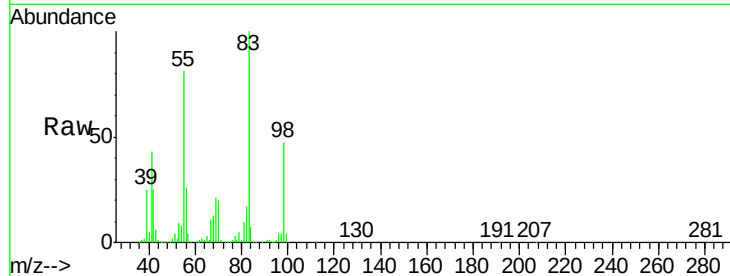




#39
Methylvlcyclohexane
Concen: 18.02 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

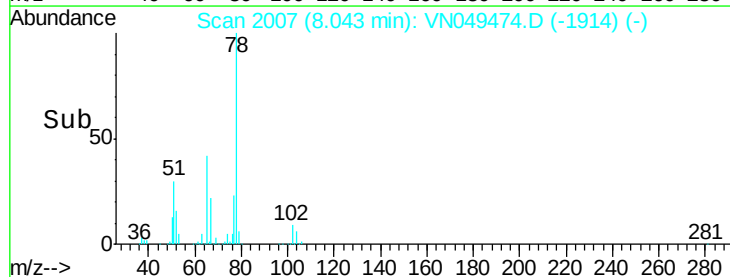
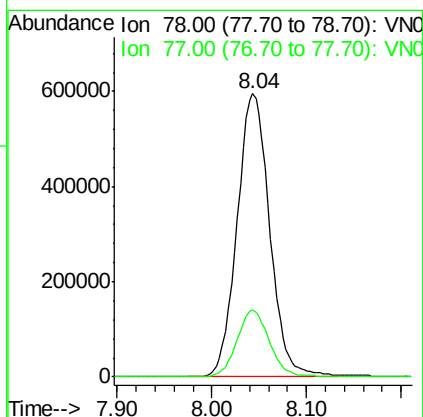
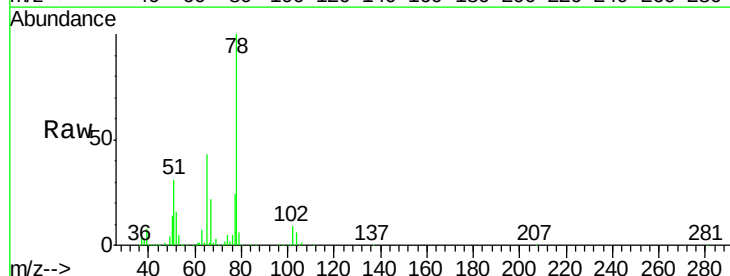
Instrument :
MSVOA_N
ClientSampled :

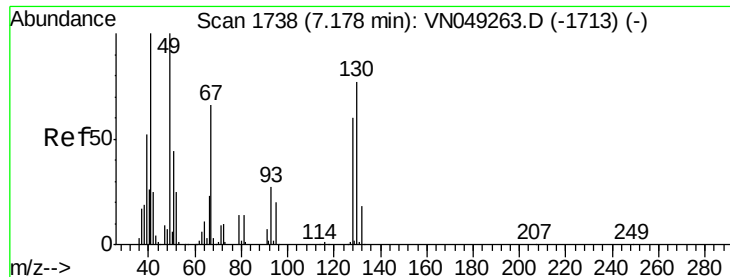
Tot Ion: 83 Resp: 466901
Ion Ratio Lower Upper
83 100
55 80.6 65.1 97.7
98 46.8 36.5 54.7



#40
Benzene
Concen: 19.30 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Tgt Ion: 78 Resp: 1428267
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0

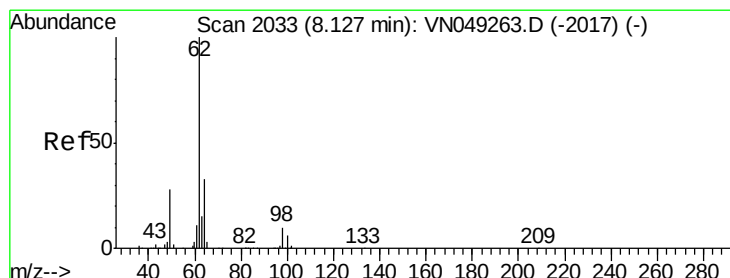
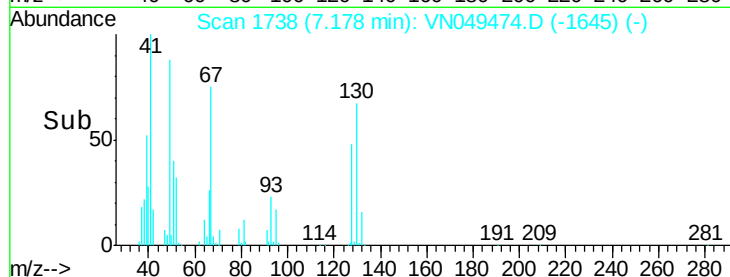
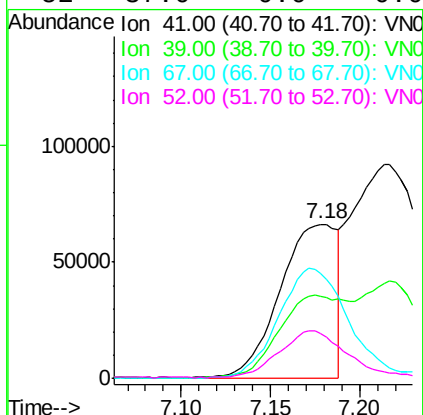
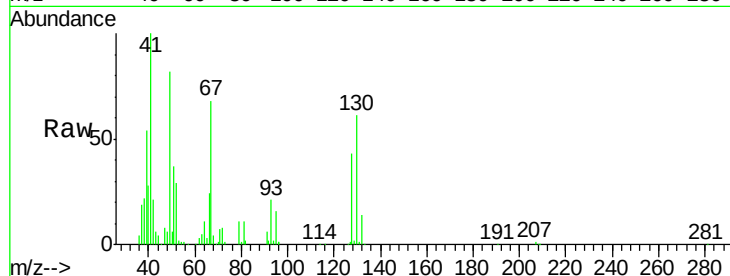




#41
Methacrylonitrile
Concen: 20.71 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

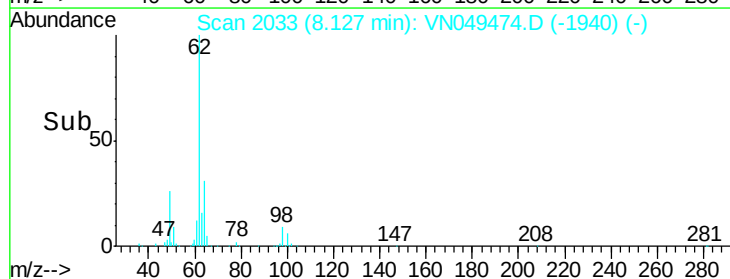
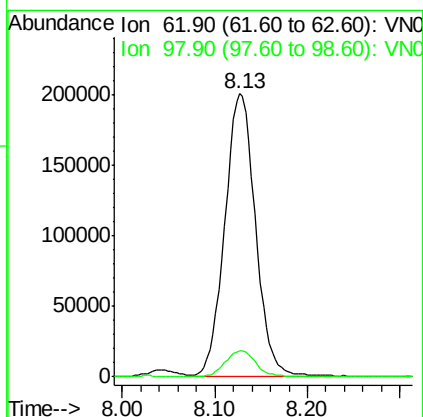
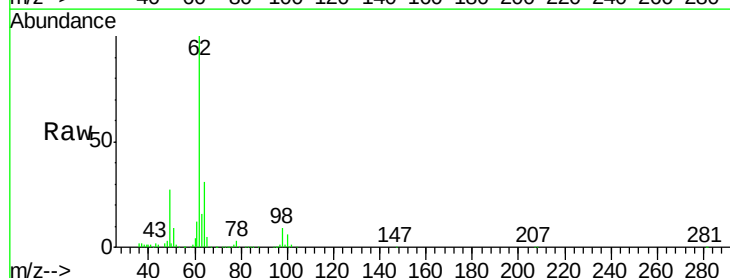
Instrument :
MSVOA_N
ClientSampled :

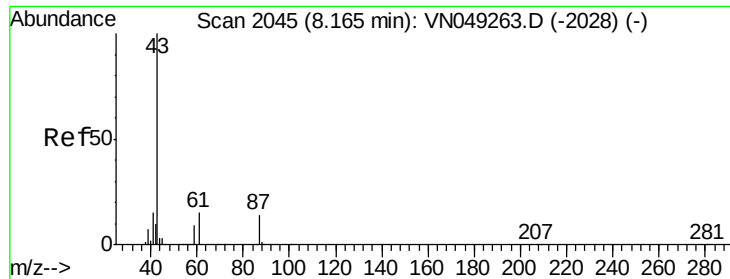
Tot Ion: 41 Resp: 146888
Ion Ratio Lower Upper
41 100
39 62.4 0.0 0.0#
67 89.1 0.0 0.0#
52 37.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.04 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Tgt Ion: 62 Resp: 458261
Ion Ratio Lower Upper
62 100
98 9.3 0.0 16.2





#43

Isopropyl Acetate

Concen: 22.14 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

ClientSampled :

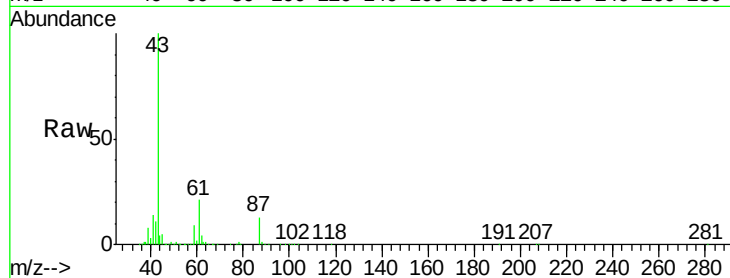
Tot Ion: 43 Resp: 555015

Ion Ratio Lower Upper

43 100

61 18.2 14.2 21.4

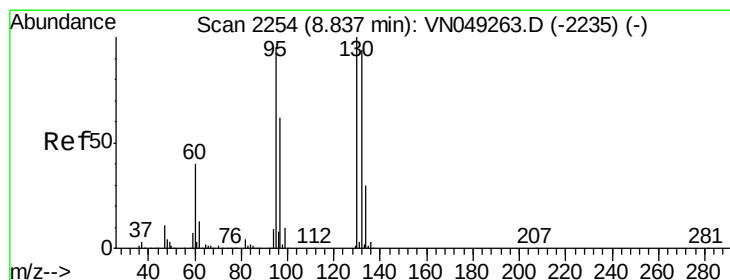
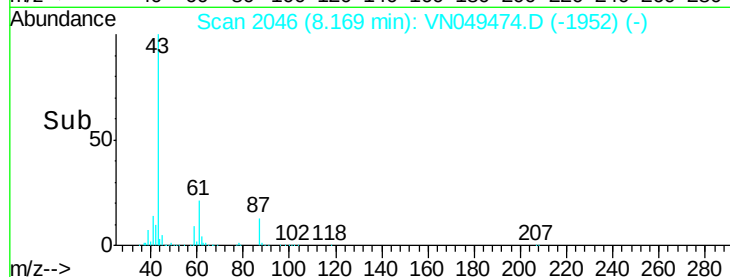
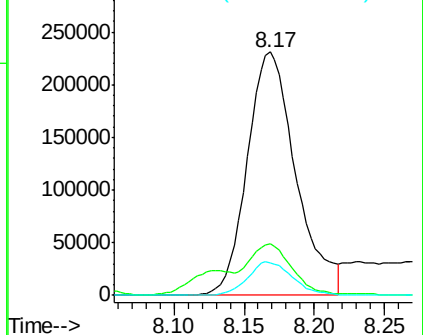
87 12.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049474.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049474.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049474.D (-1952) (-)



#44

Trichloroethene

Concen: 19.87 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049474.D

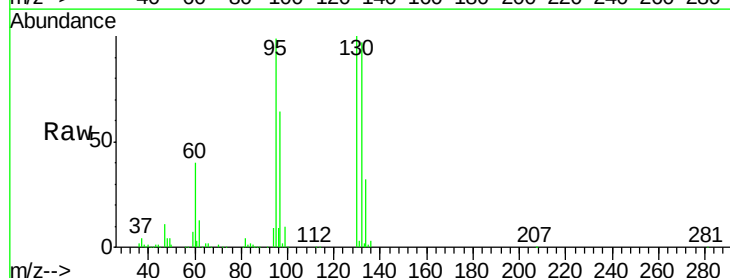
Acq: 21 Jun 2018 17:53

Tgt Ion: 130 Resp: 388308

Ion Ratio Lower Upper

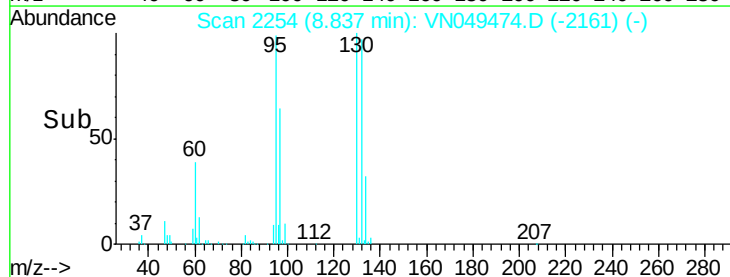
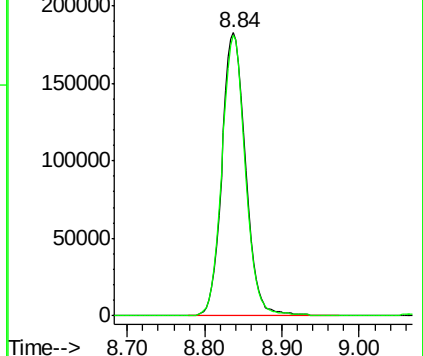
130 100

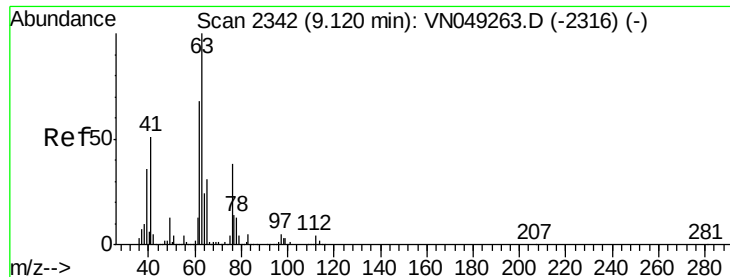
95 99.0 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049474.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049474.D (-2161) (-)





#45

1,2-Dichloropropane

Concen: 19.69 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

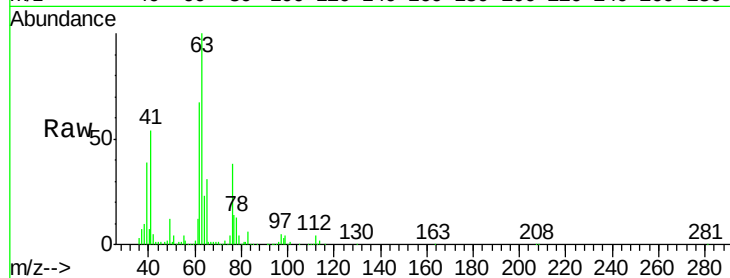
ClientSampled :

Tot Ion: 63 Resp: 381433

Ion Ratio Lower Upper

63 100

65 30.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN049474.D (-2249) (-)

Ion 64.90 (64.60 to 65.60): VN049474.D (-2249) (-)

9.12

200000

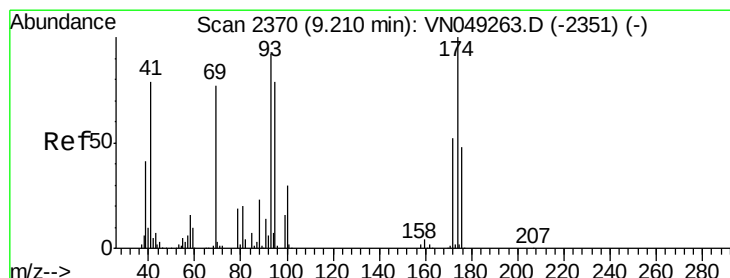
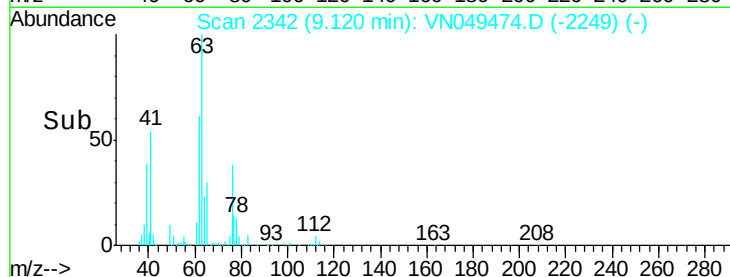
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 19.65 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

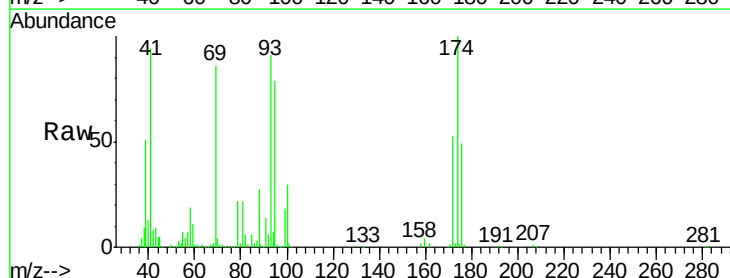
Tgt Ion: 93 Resp: 220721

Ion Ratio Lower Upper

93 100

95 84.9 67.2 100.8

174 110.0 75.6 113.4



Abundance Ion 92.80 (92.50 to 93.50): VN049474.D (-2277) (-)

Ion 94.80 (94.50 to 95.50): VN049474.D (-2277) (-)

Ion 173.70 (173.40 to 174.40): VN049474.D (-2277) (-)

9.21

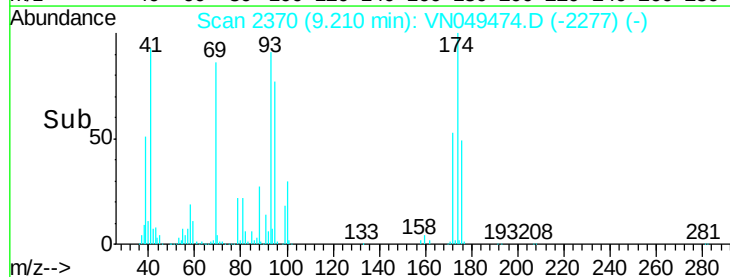
150000

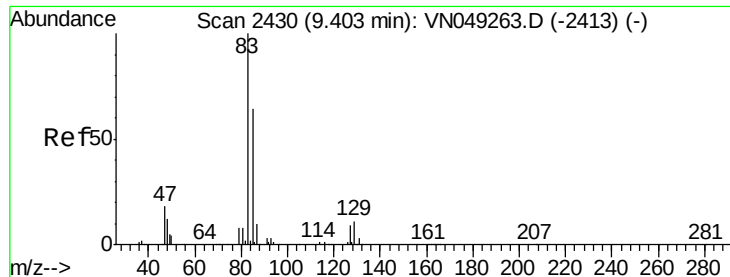
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 19.32 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

ClientSampled :

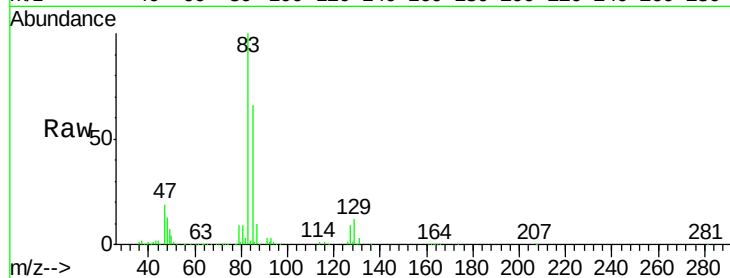
Tot Ion: 83 Resp: 477091

Ion Ratio Lower Upper

83 100

85 65.7 49.4 74.0

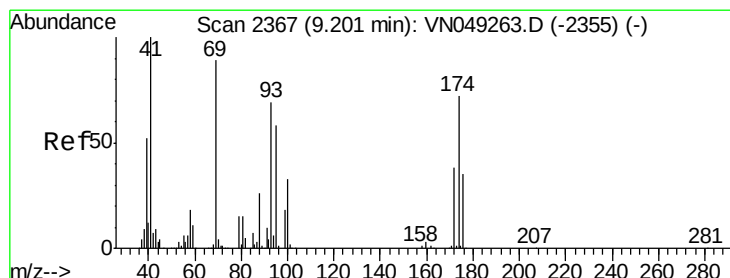
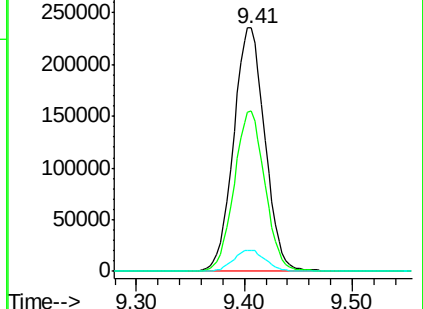
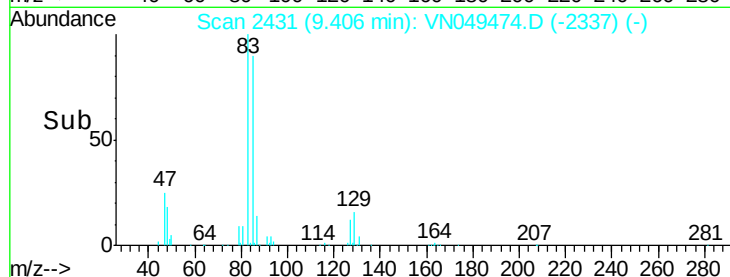
127 8.8 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049474.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049474.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049474.D (-2337) (-)



#48

Methyl methacrylate

Concen: 21.54 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

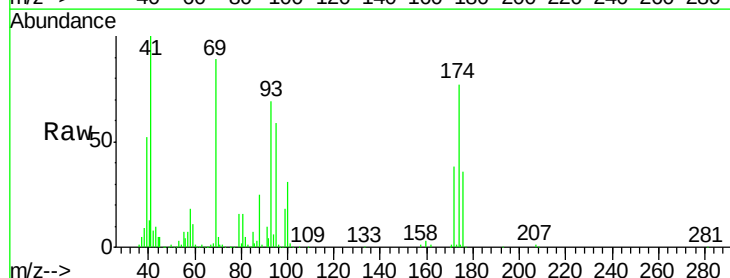
Tgt Ion: 41 Resp: 254291

Ion Ratio Lower Upper

41 100

69 88.9 62.0 93.0

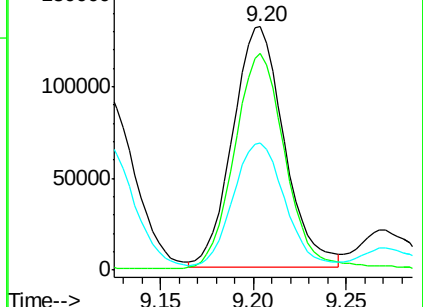
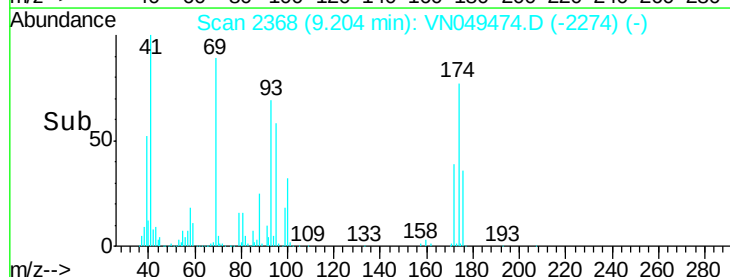
39 53.6 50.6 75.8

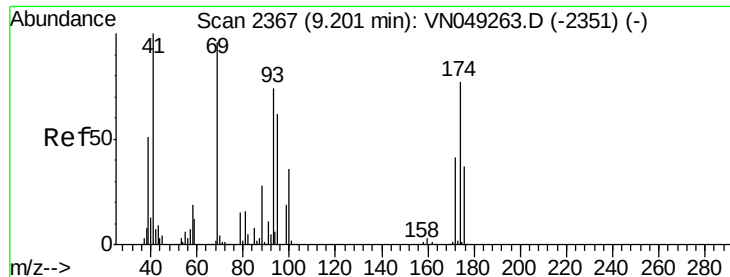


Abundance Ion 41.00 (40.70 to 41.70): VN049474.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049474.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049474.D (-2274) (-)





#49

1,4-Dioxane

Concen: 442.71 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. 0.01 min

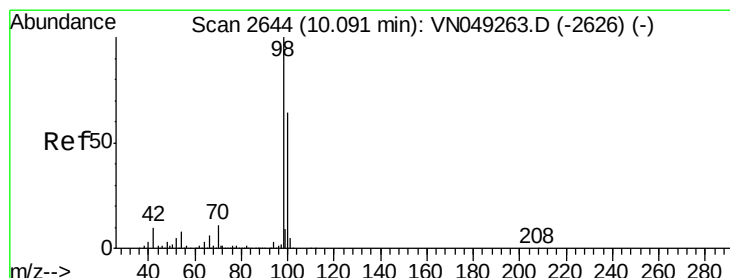
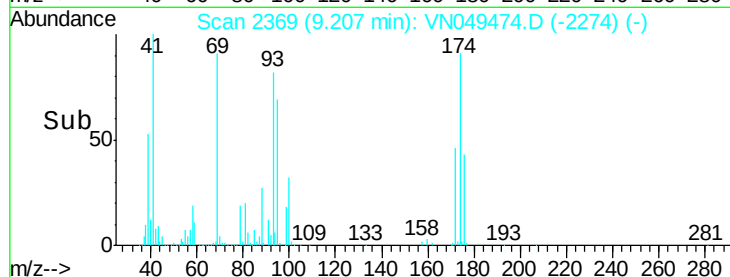
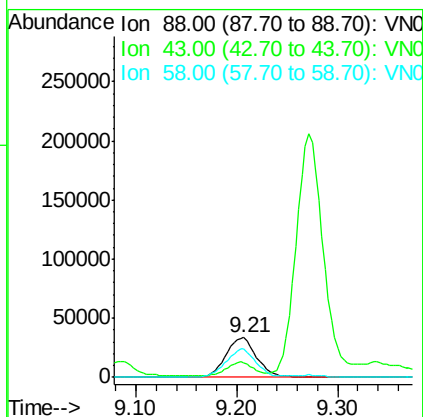
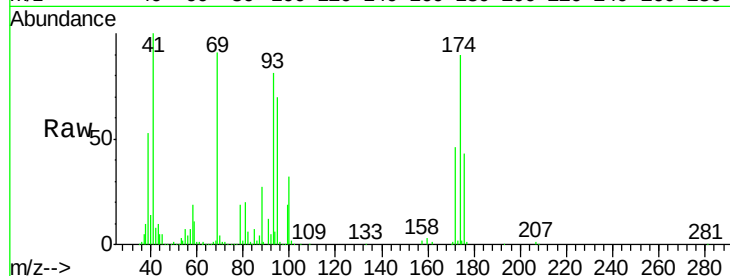
Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 72144

Ion	Ratio	Lower	Upper
88	100		
43	29.8	30.9	46.3#
58	70.0	58.9	88.3



#50

Toluene-d8

Concen: 44.76 ug/l

RT: 10.09 min Scan# 2644

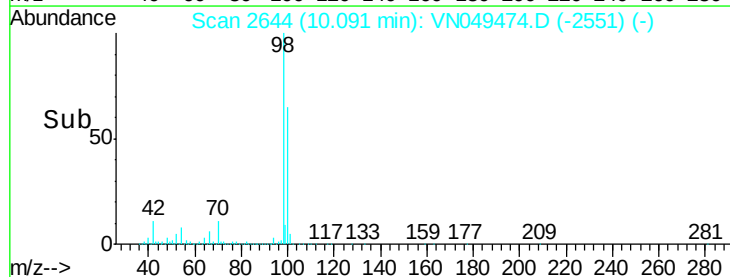
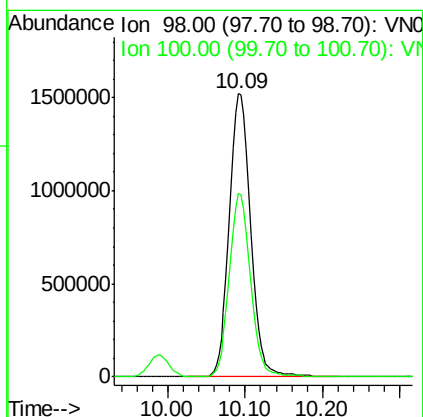
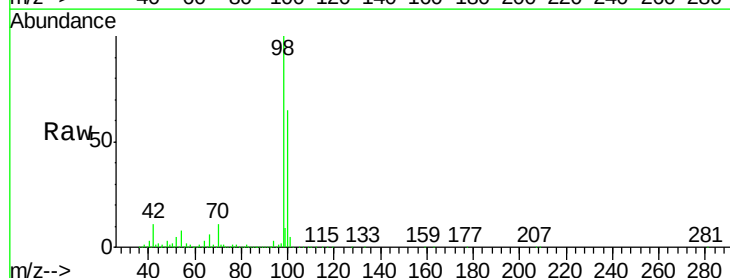
Delta R.T. 0.00 min

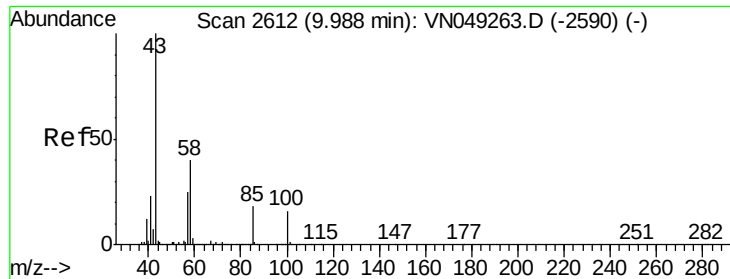
Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Tgt Ion: 98 Resp: 2904021

Ion	Ratio	Lower	Upper
98	100		
100	64.3	49.8	74.8

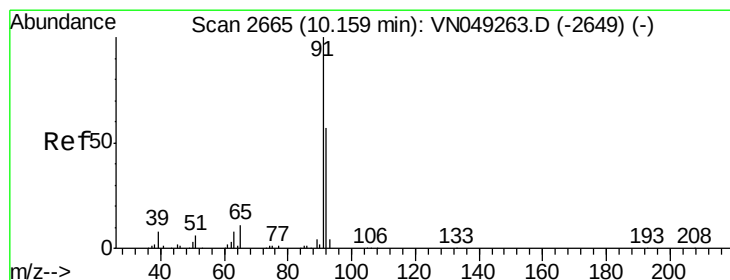
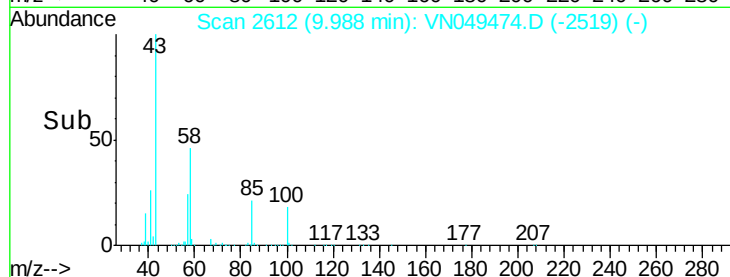
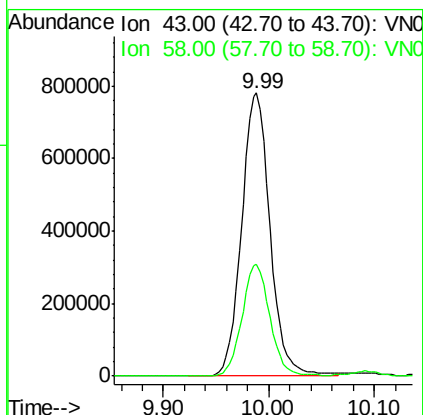
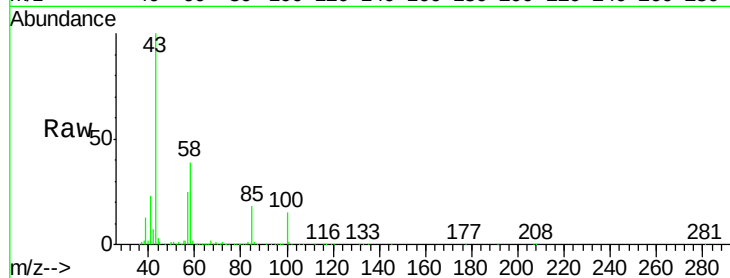




#51
 4-Methyl-2-Pentanone
 Concen: 111.01 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN049474.D
 Acq: 21 Jun 2018 17:53

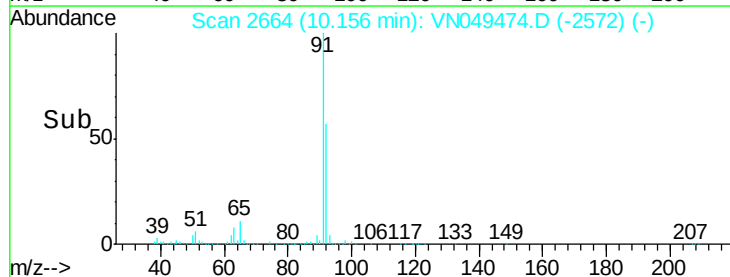
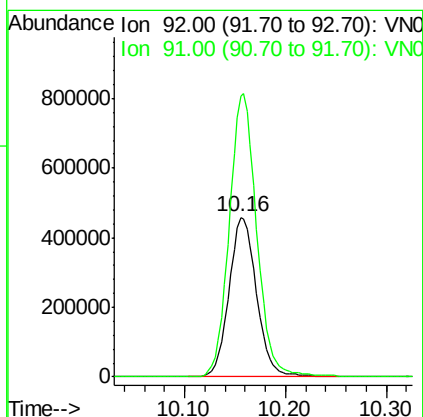
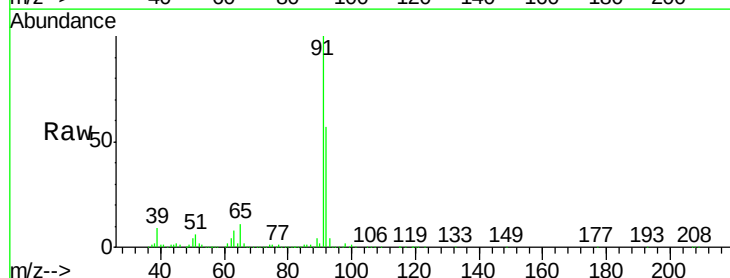
Instrument :
 MSVOA_N
 ClientSampled :

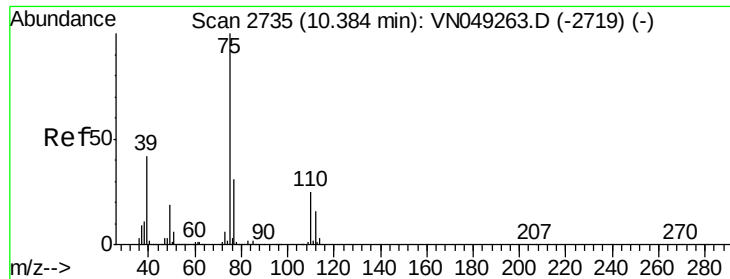
Tot Ion: 43 Resp: 1458764
 Ion Ratio Lower Upper
 43 100
 58 38.9 29.0 43.6



#52
 Toluene
 Concen: 20.09 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN049474.D
 Acq: 21 Jun 2018 17:53

Tgt Ion: 92 Resp: 872714
 Ion Ratio Lower Upper
 92 100
 91 176.4 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 19.16 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

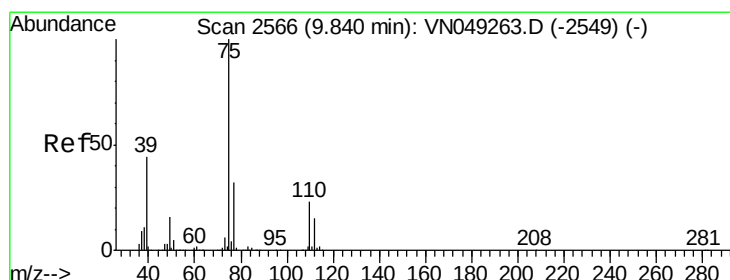
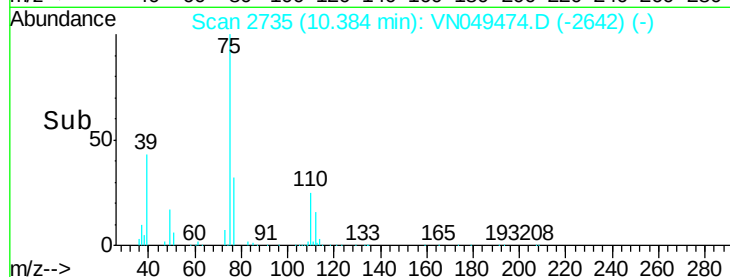
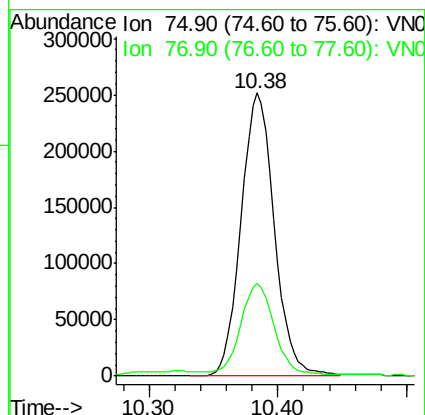
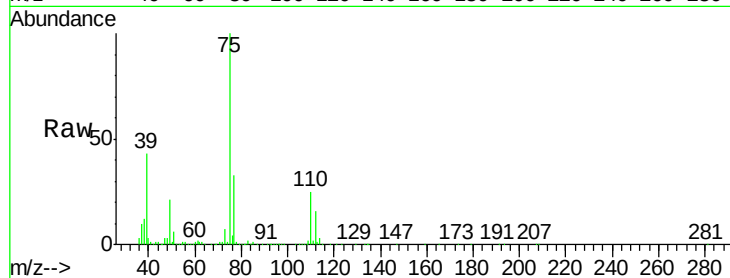
ClientSampled :

Tot Ion: 75 Resp: 452566

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.35 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

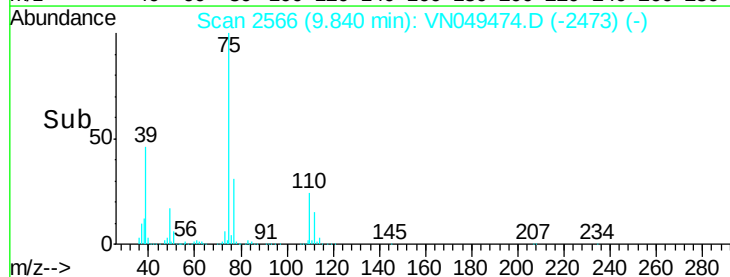
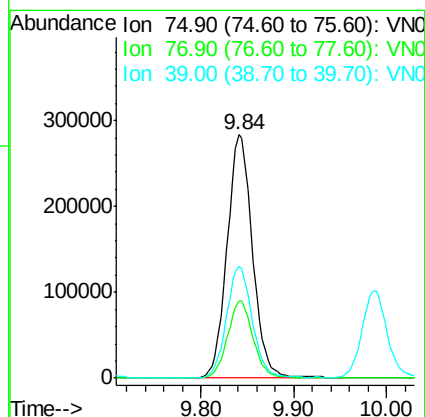
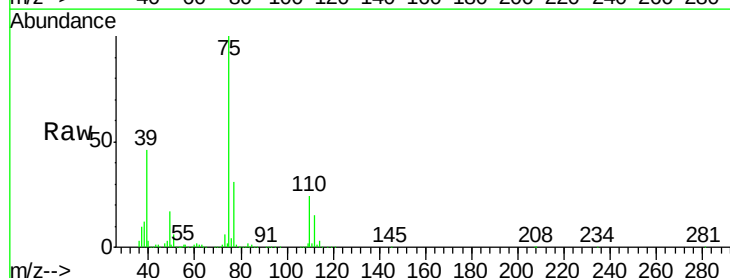
Tgt Ion: 75 Resp: 539583

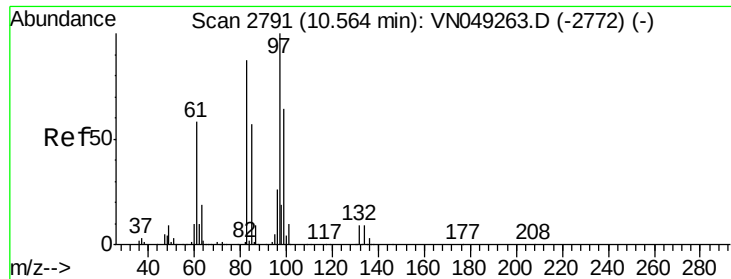
Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

39 45.6 45.1 67.7

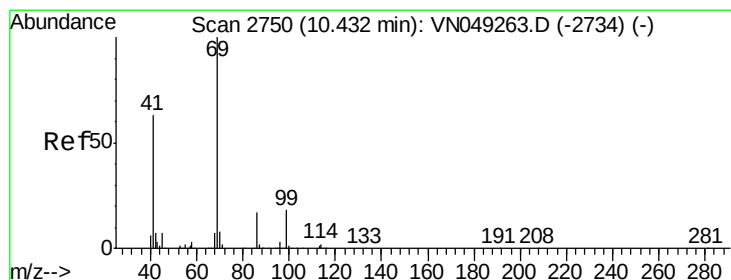
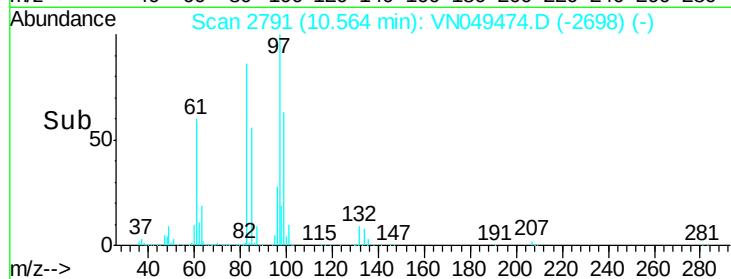
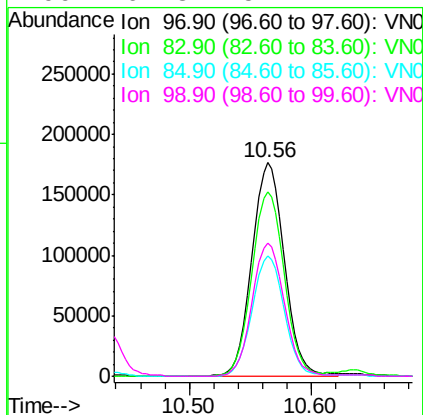
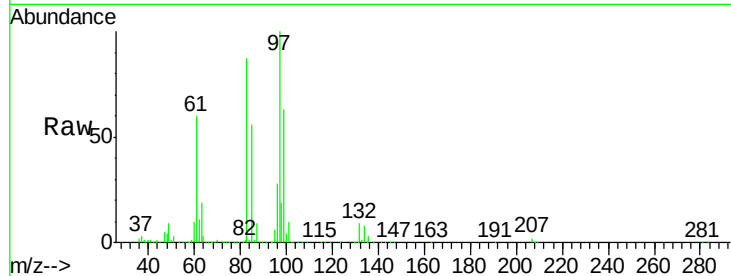




#55
 1,1,2-Trichloroethane
 Concen: 19.94 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049474.D
 Acq: 21 Jun 2018 17:53

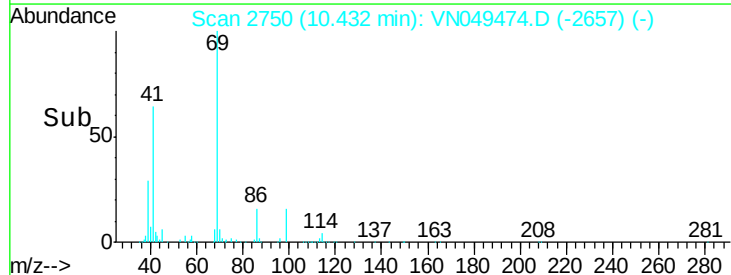
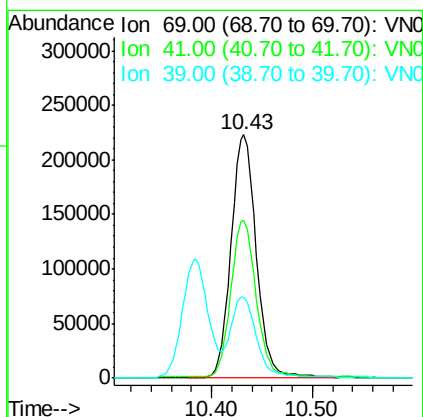
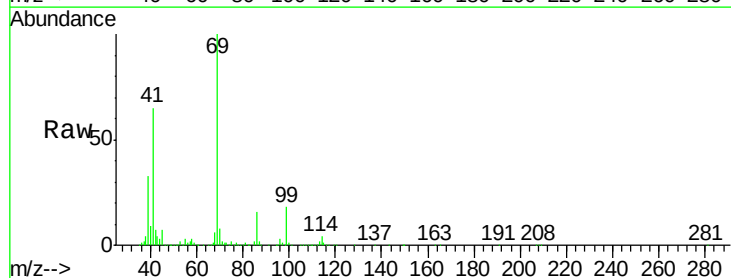
Instrument :
 MSVOA_N
 ClientSampled :

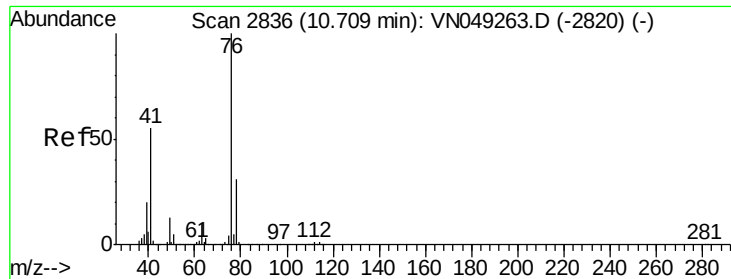
Tot Ion:	97	Resp:	322931
Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.5	107.3
85	56.2	47.0	70.4
99	62.3	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 20.81 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049474.D
 Acq: 21 Jun 2018 17:53

Tgt Ion:	69	Resp:	388808
Ion	Ratio	Lower	Upper
69	100		
41	64.3	58.4	87.6
39	34.1	35.5	53.3#





#57

1,3-Dichloropropane

Concen: 20.00 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

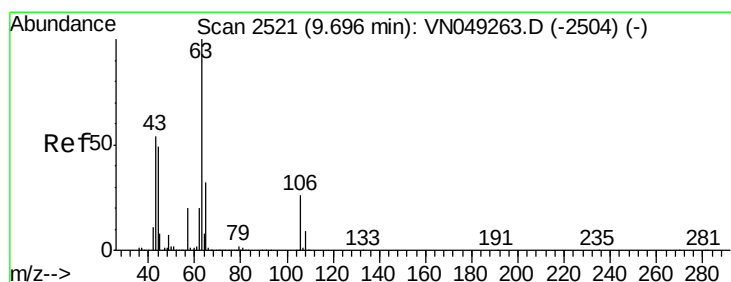
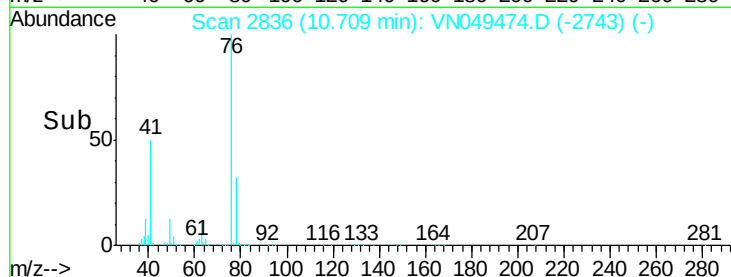
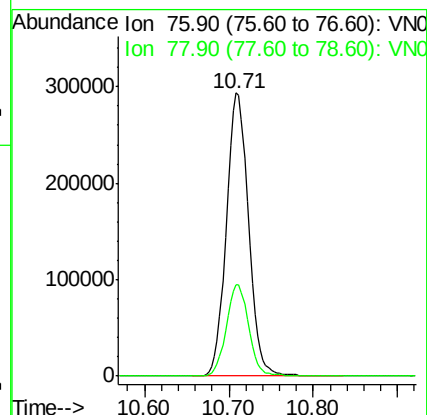
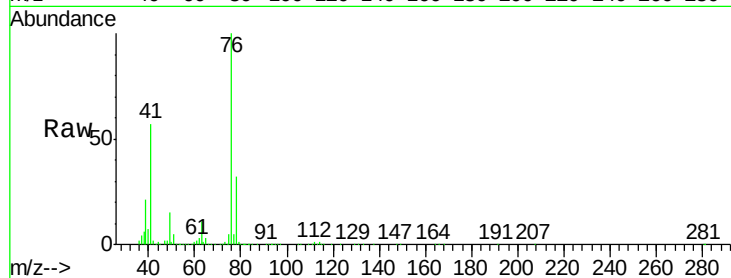
ClientSampleId :

Tot Ion: 76 Resp: 536566

Ion Ratio Lower Upper

76 100

78 32.6 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 78.12 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049474.D

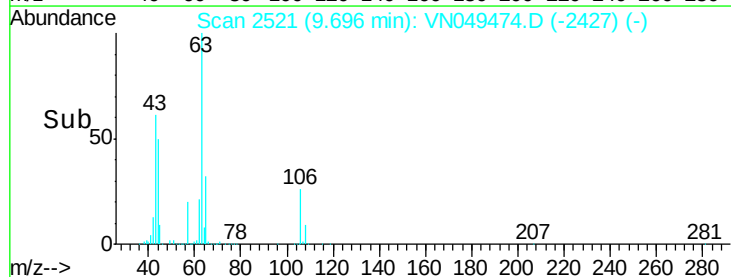
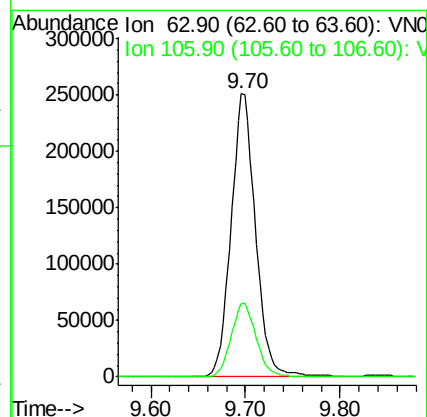
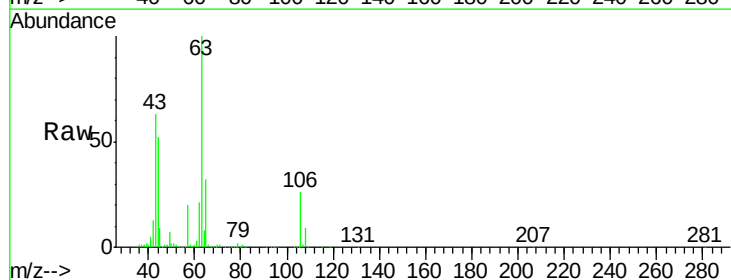
Acq: 21 Jun 2018 17:53

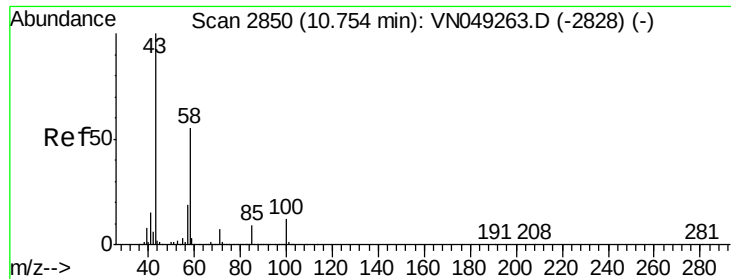
Tgt Ion: 63 Resp: 451940

Ion Ratio Lower Upper

63 100

106 26.5 19.4 29.2

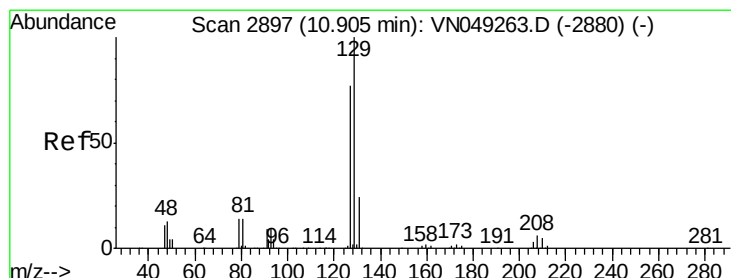
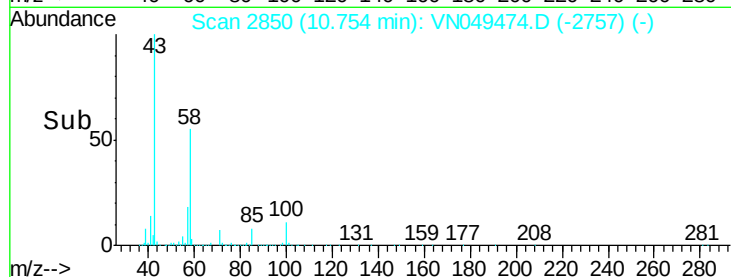
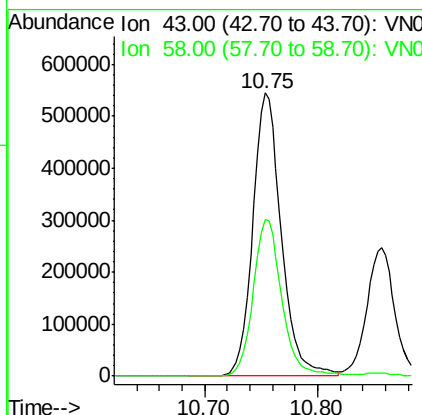
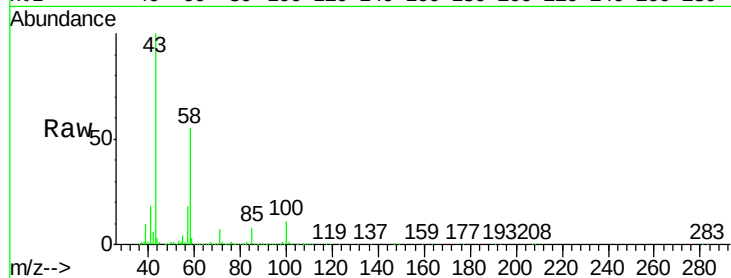




#59
2-Hexanone
Concen: 112.00 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

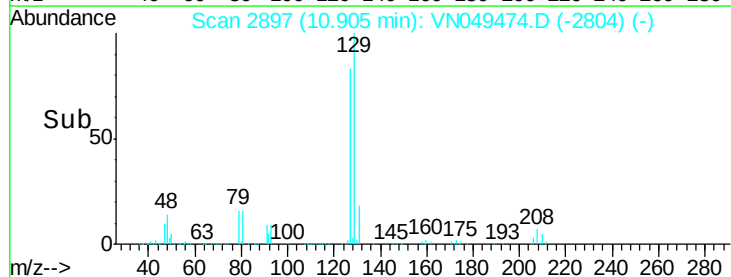
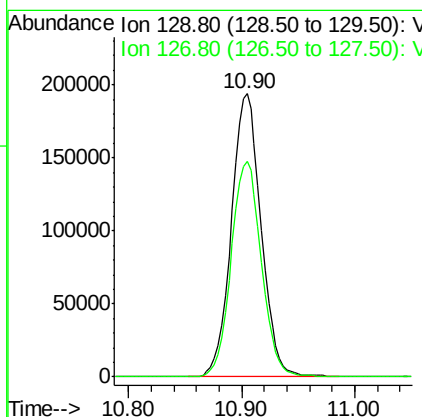
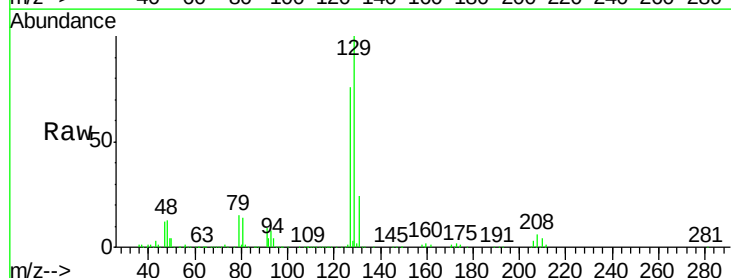
Instrument :
MSVOA_N
ClientSampleId :

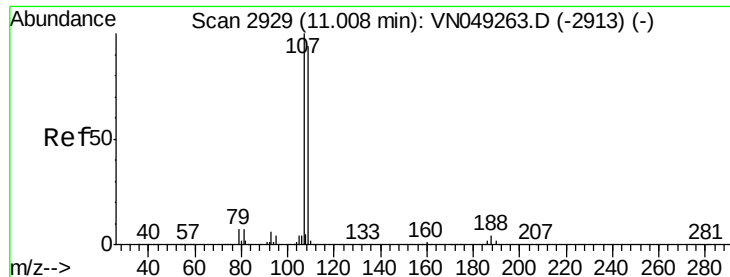
Tot Ion: 43 Resp: 948851
Ion Ratio Lower Upper
43 100
58 55.6 25.2 75.6



#60
Dibromochloromethane
Concen: 19.61 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Tgt Ion: 129 Resp: 354353
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2

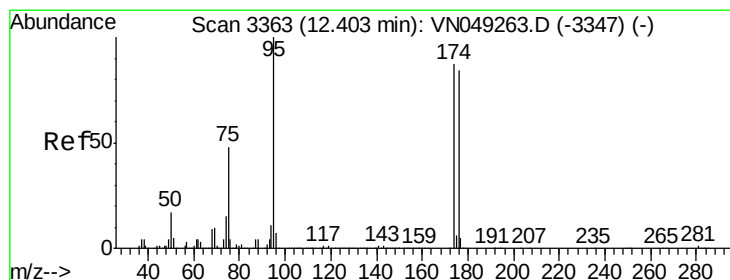
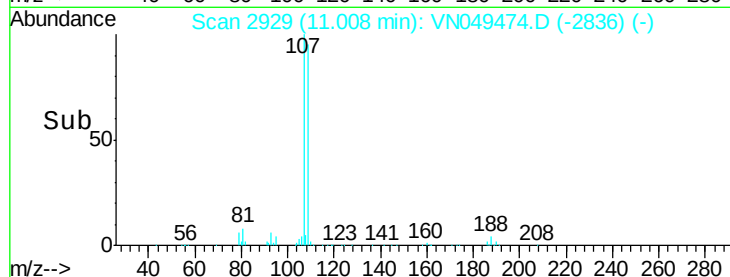
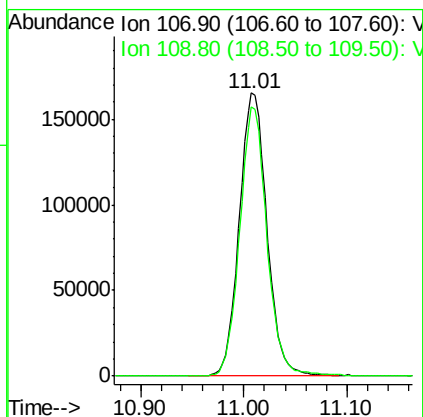
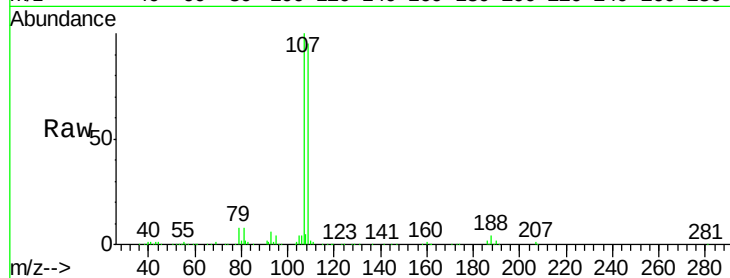




#61
 1,2-Dibromoethane
 Concen: 20.55 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049474.D
 Acq: 21 Jun 2018 17:53

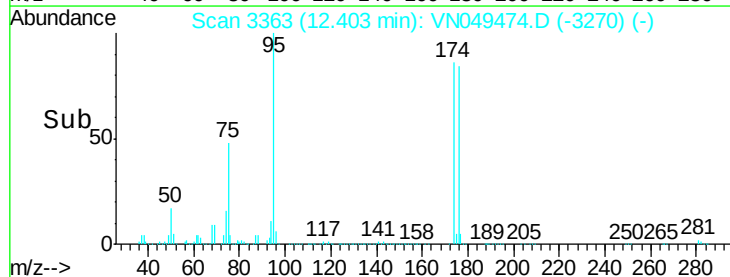
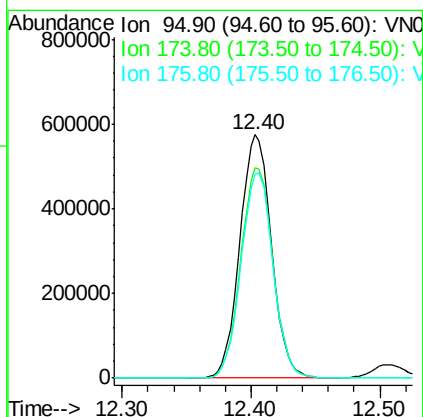
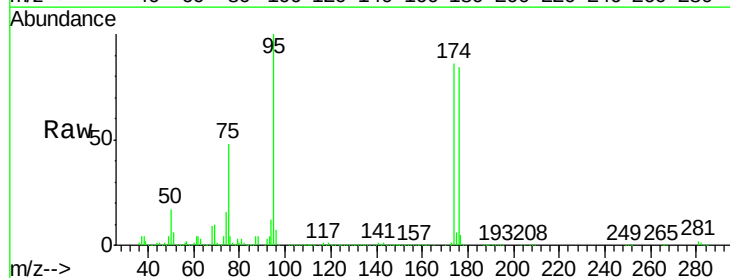
Instrument :
 MSVOA_N
 ClientSampleId :

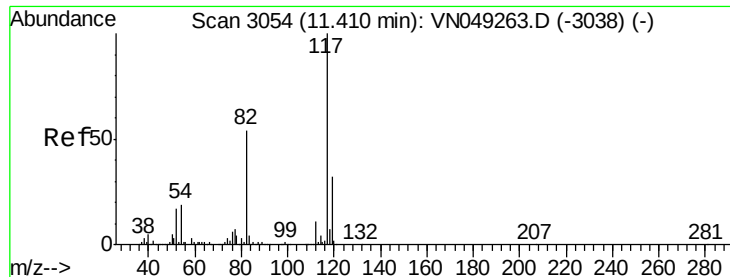
Tot Ion:107 Resp: 309334
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 45.53 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049474.D
 Acq: 21 Jun 2018 17:53

Tgt Ion: 95 Resp: 976839
 Ion Ratio Lower Upper
 95 100
 174 88.4 0.0 165.6
 176 85.7 0.0 157.4

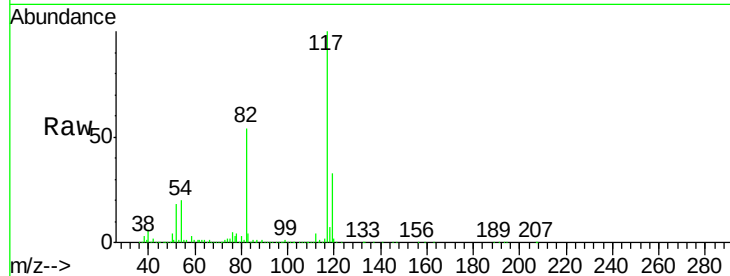




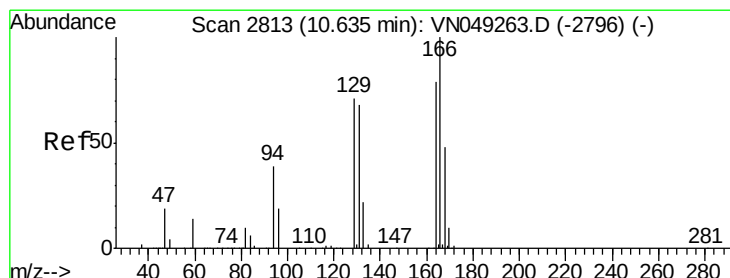
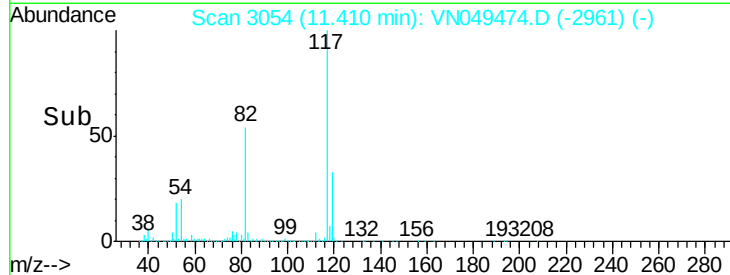
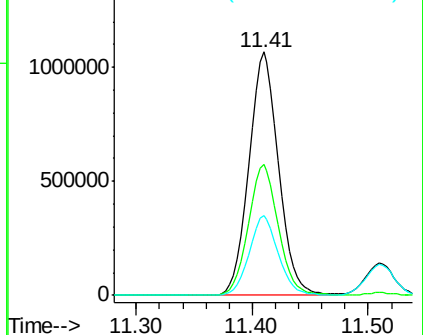
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1909096
Ion Ratio Lower Upper
117 100
82 54.0 45.9 68.9
119 32.7 25.5 38.3

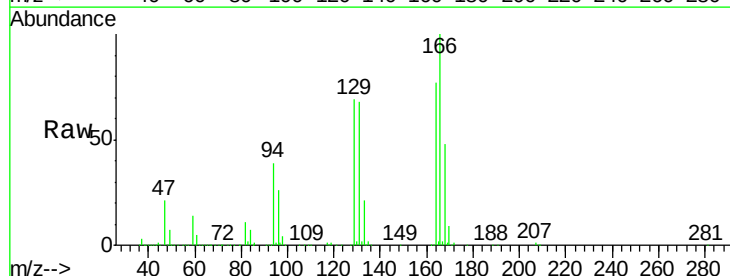


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

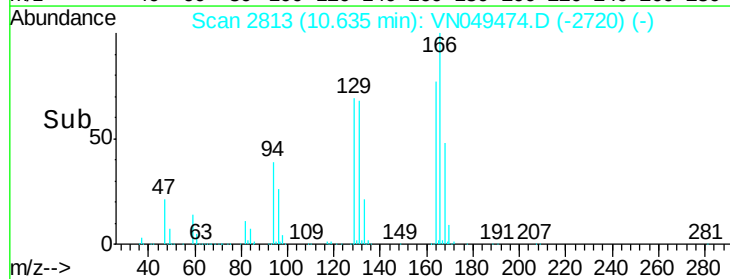
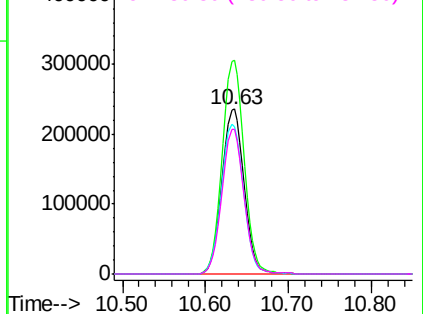


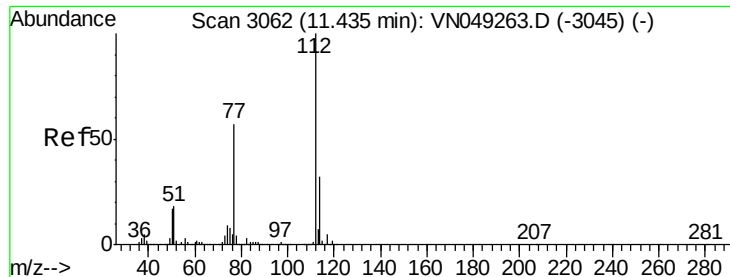
#64
Tetrachloroethene
Concen: 22.28 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Tgt Ion:164 Resp: 435908
Ion Ratio Lower Upper
164 100
166 129.6 101.4 152.2
129 89.1 74.1 111.1
131 87.4 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

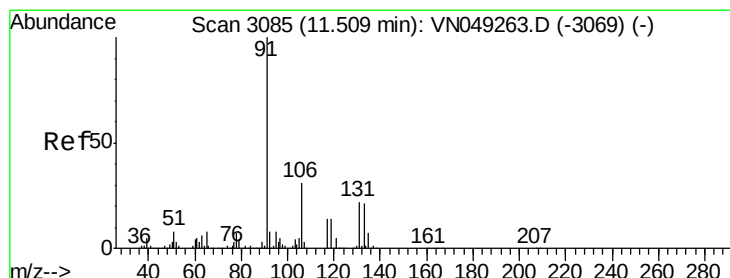
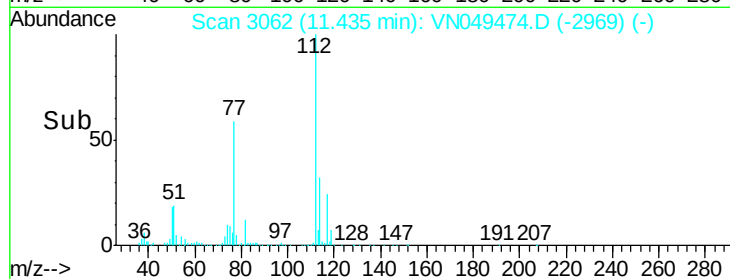
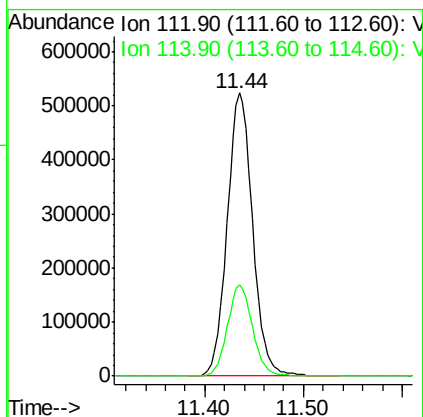
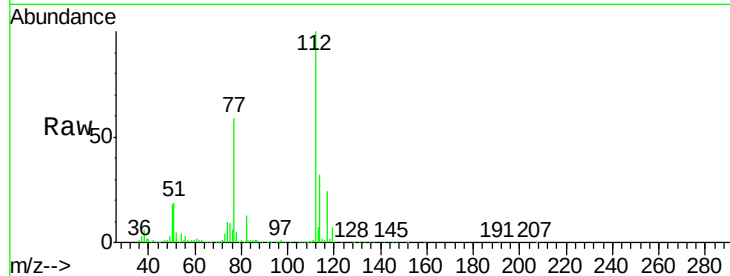




#65
Chlorobenzene
Concen: 19.21 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

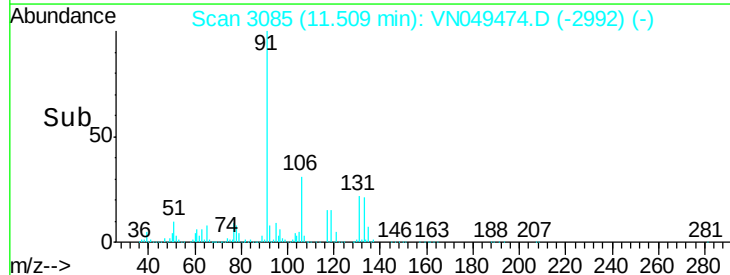
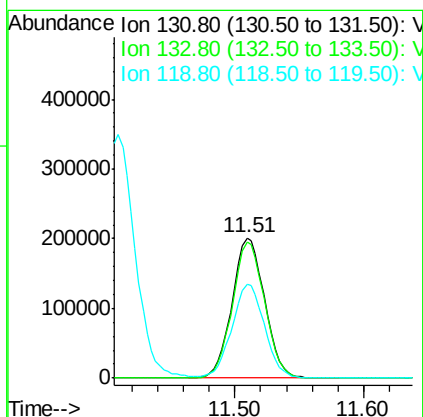
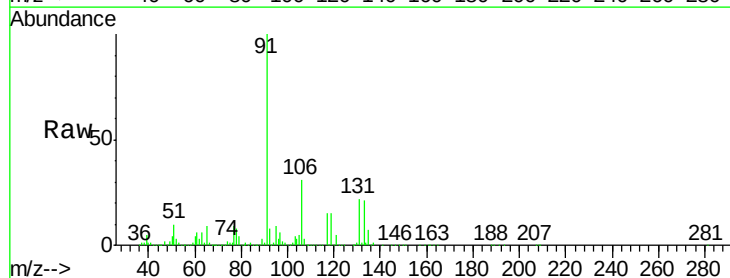
Instrument :
MSVOA_N
ClientSampled :

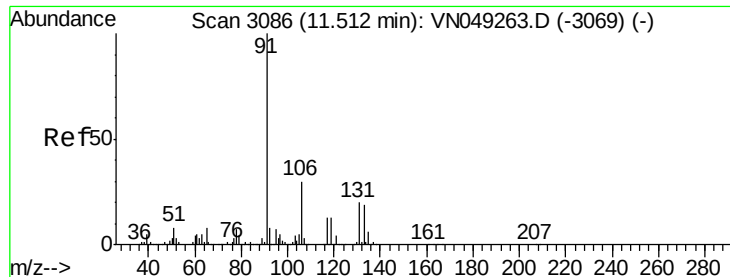
Tot Ion:112 Resp: 944713
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.14 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Tgt Ion:131 Resp: 354209
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.2
119 66.5 33.6 100.8





#67

Ethyl Benzene

Concen: 19.62 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

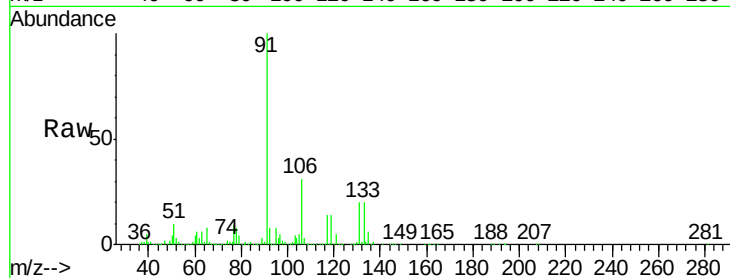
ClientSampled :

Tot Ion: 91 Resp: 1600253

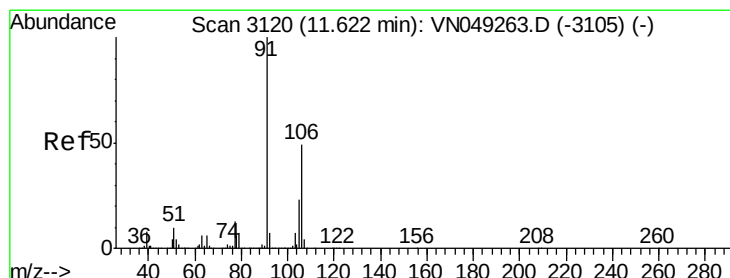
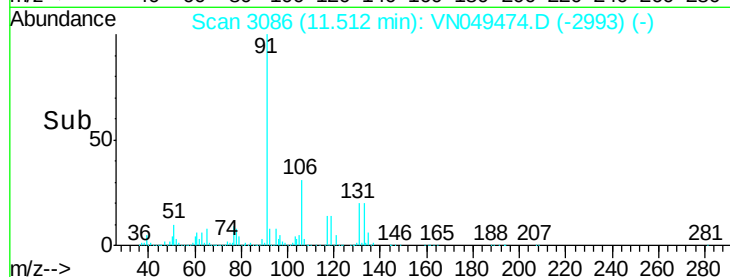
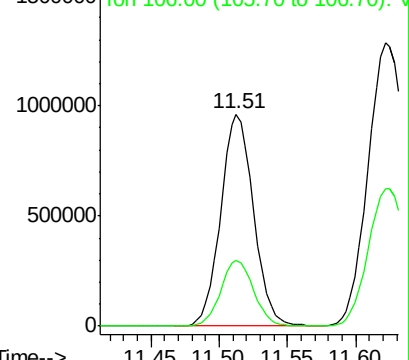
Ion Ratio Lower Upper

91 100

106 31.2 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN049474.D (-2993) (-)



#68

m/p-Xylenes

Concen: 40.03 ug/l

RT: 11.62 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN049474.D

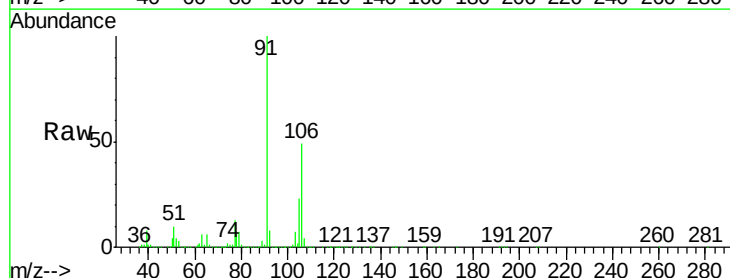
Acq: 21 Jun 2018 17:53

Tgt Ion: 106 Resp: 1225490

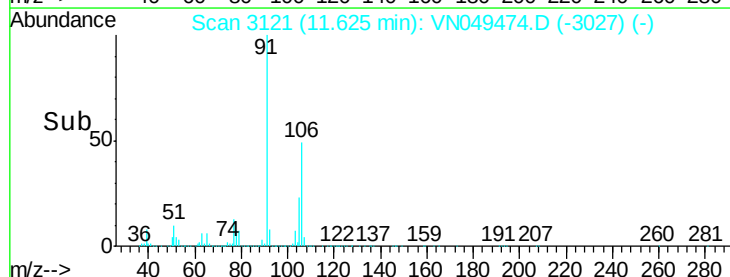
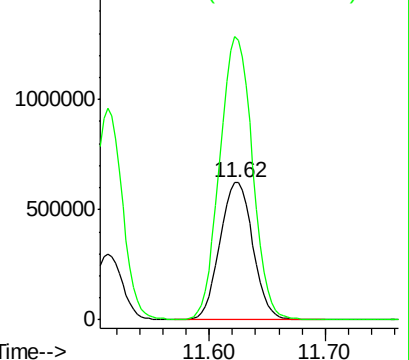
Ion Ratio Lower Upper

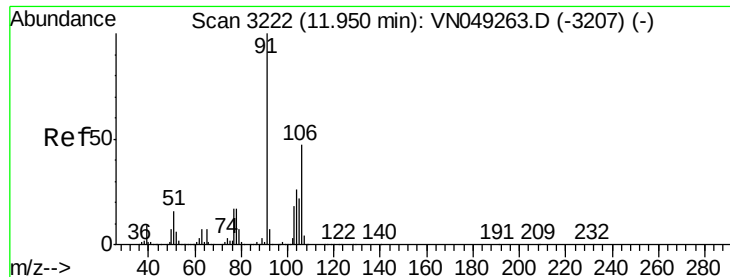
106 100

91 205.7 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VN049474.D (-3027) (-)





#69

o-Xylene

Concen: 20.07 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

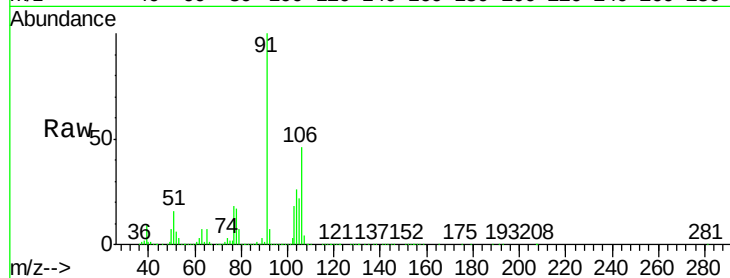
ClientSampled :

Tot Ion:106 Resp: 591817

Ion Ratio Lower Upper

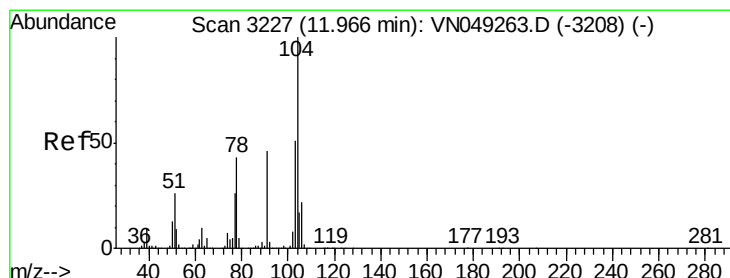
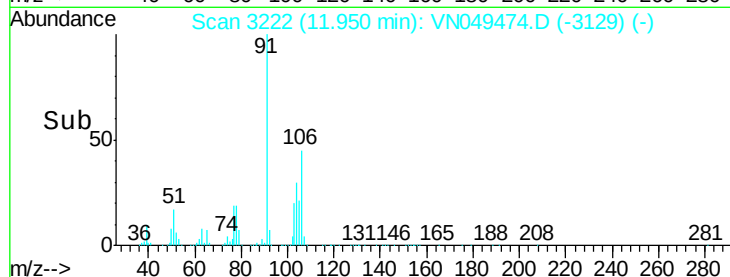
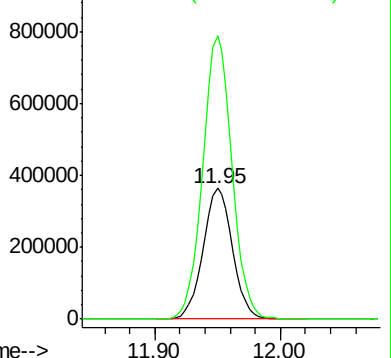
106 100

91 215.0 111.0 333.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 20.39 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

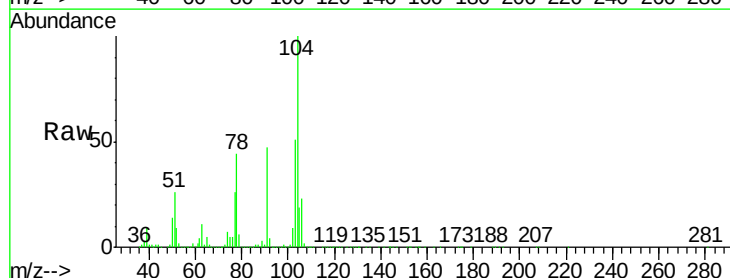
Tgt Ion:104 Resp: 948723

Ion Ratio Lower Upper

104 100

78 48.8 41.6 62.4

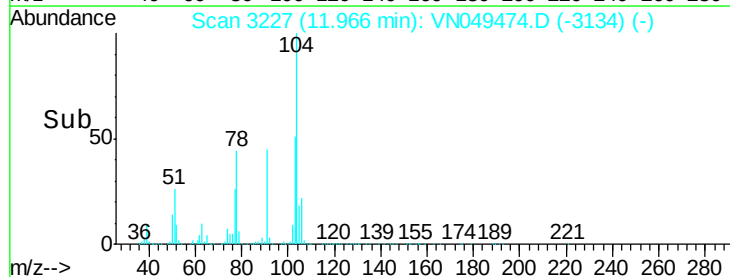
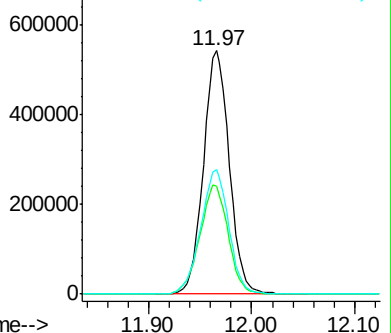
103 55.4 45.4 68.2

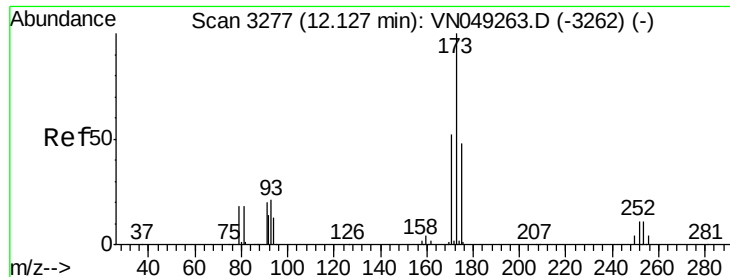


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

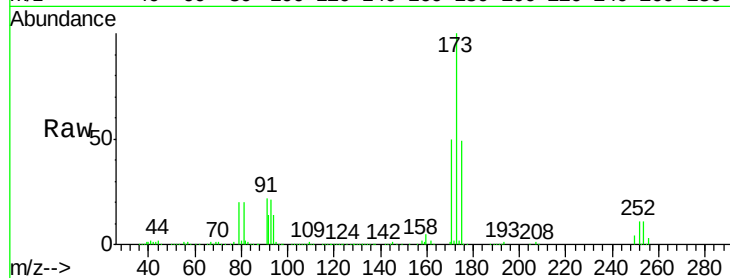




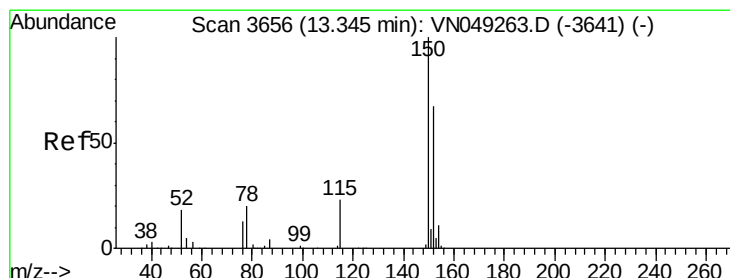
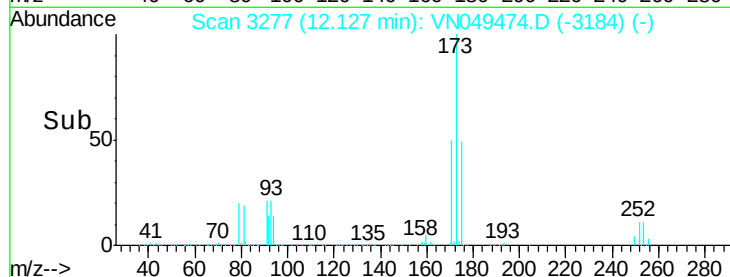
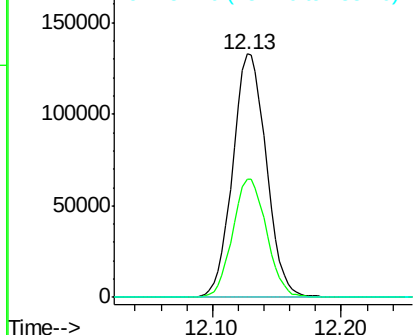
#71
Bromoform
Concen: 20.11 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 240861
Ion Ratio Lower Upper
173 100
175 48.8 24.5 73.5
254 0.1 0.1 0.1

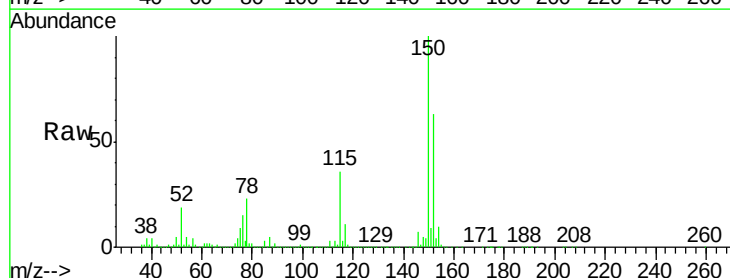


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

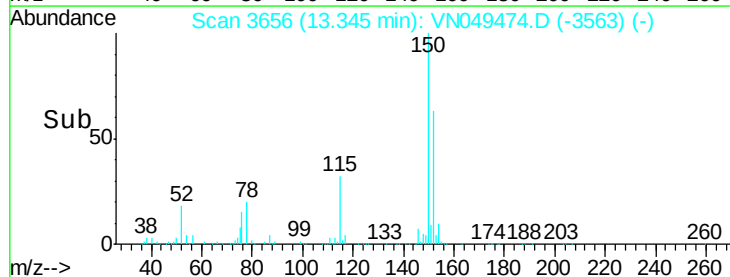
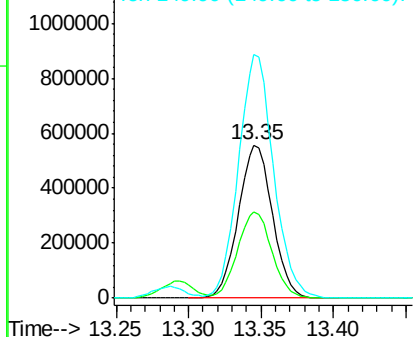


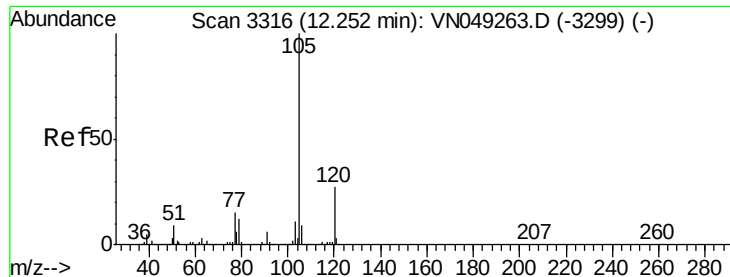
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Tgt Ion:152 Resp: 907516
Ion Ratio Lower Upper
152 100
115 56.6 28.7 86.1
150 164.4 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: 19.69 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

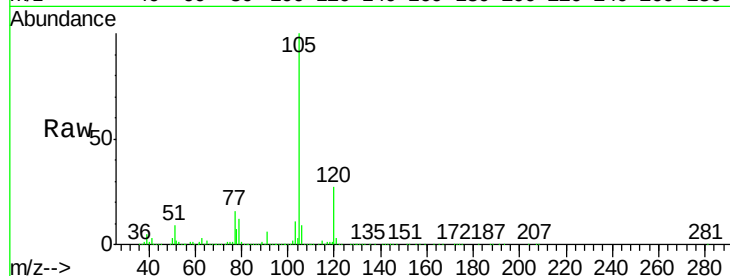
ClientSampleId :

Tot Ion:105 Resp: 1569137

Ion Ratio Lower Upper

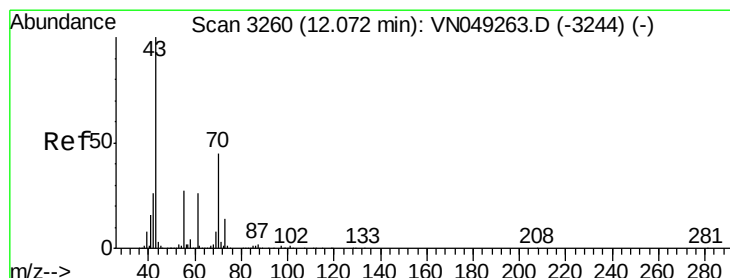
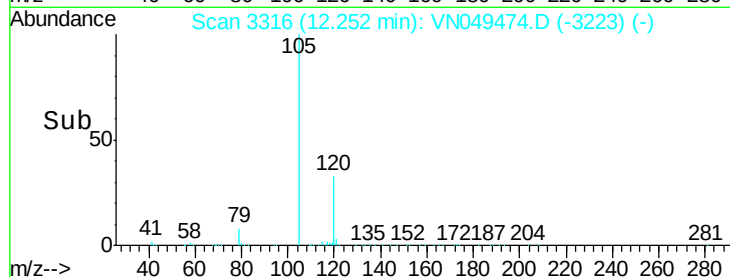
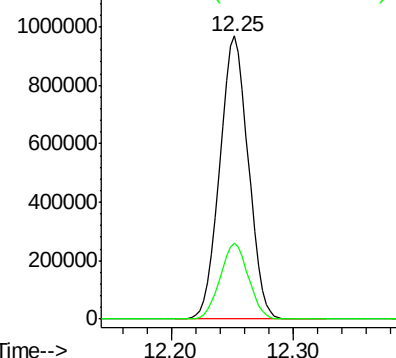
105 100

120 26.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.72 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Tgt Ion: 43 Resp: 404370

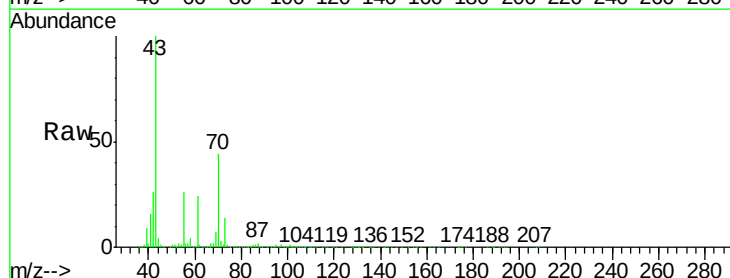
Ion Ratio Lower Upper

43 100

70 43.1 30.3 45.5

55 26.8 19.4 29.2

61 24.1 17.8 26.6

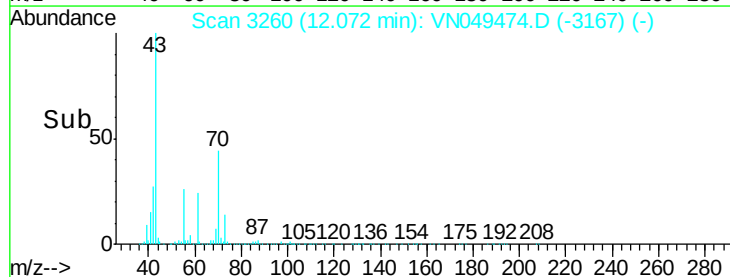
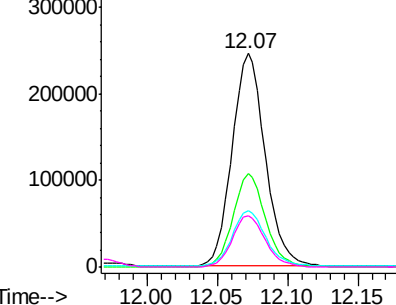


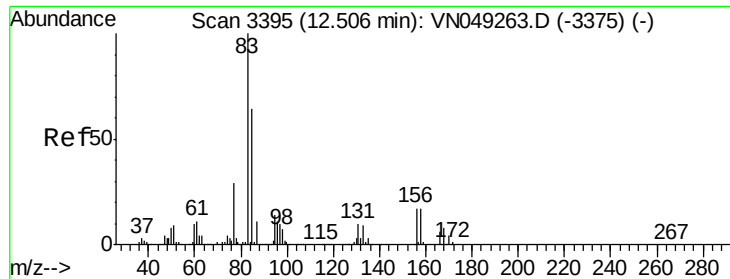
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.61 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

ClientSampleId :

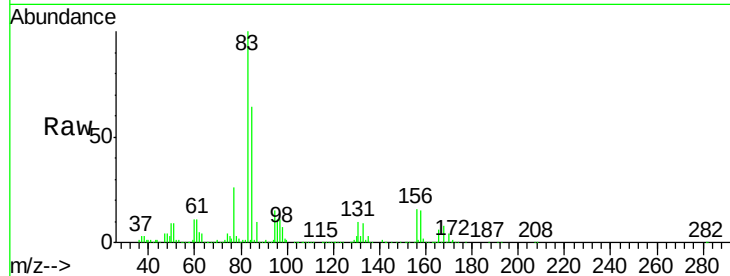
Tot Ion: 83 Resp: 359508

Ion Ratio Lower Upper

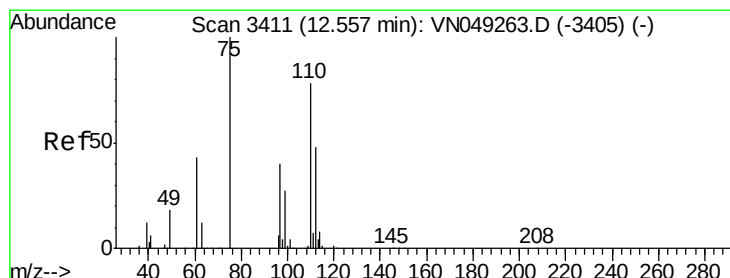
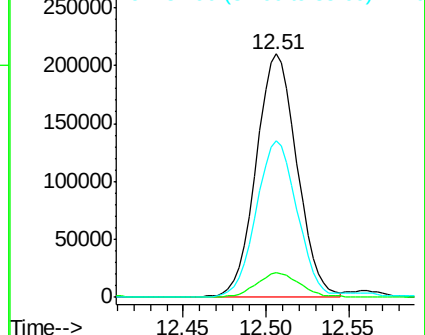
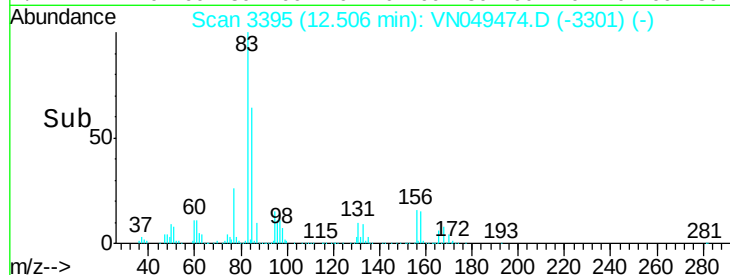
83 100

131 10.6 5.0 15.0

85 65.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN049474.D (-3301) (-)



#76

1,2,3-Trichloropropane

Concen: 30.66 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049474.D

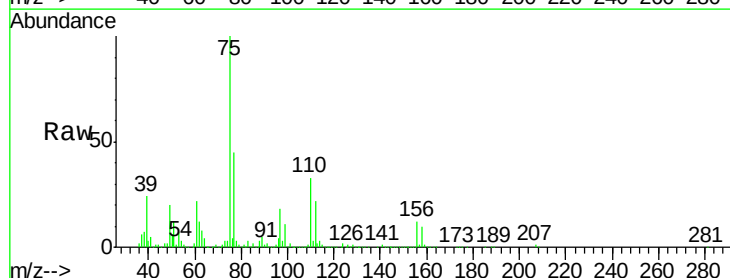
Acq: 21 Jun 2018 17:53

Tgt Ion: 75 Resp: 474710

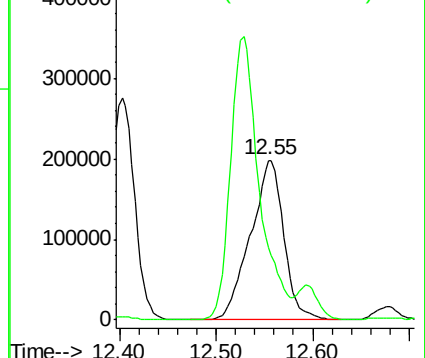
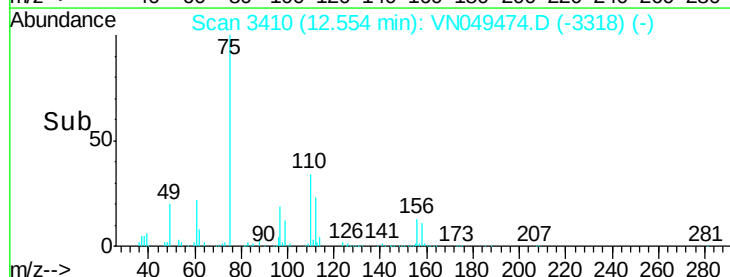
Ion Ratio Lower Upper

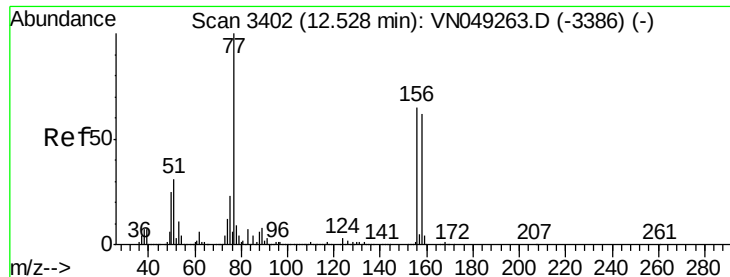
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049474.D (-3318) (-)





#77

Bromobenzene

Concen: 19.44 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

ClientSampleId :

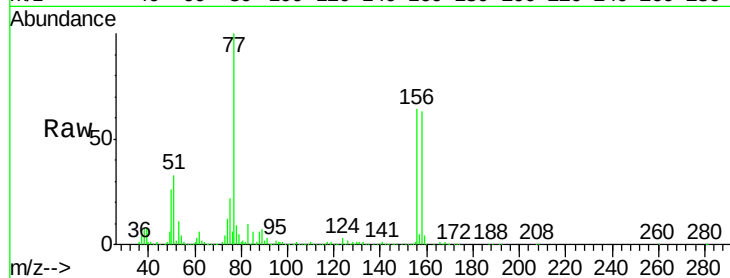
Tot Ion:156 Resp: 409221

Ion Ratio Lower Upper

156 100

77 178.2 100.8 302.4

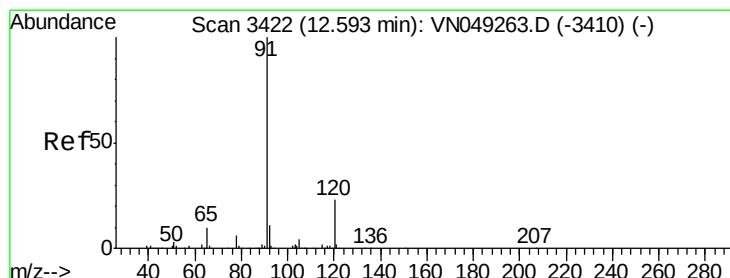
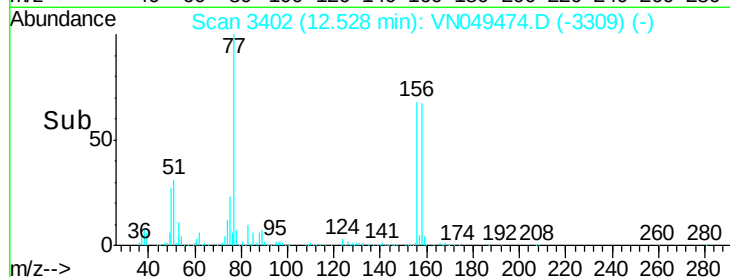
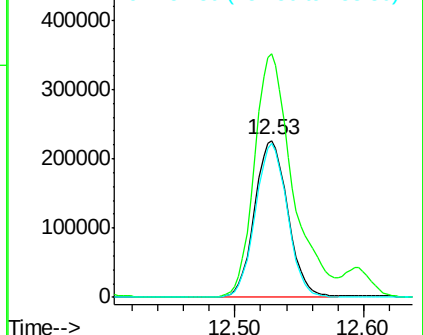
158 94.5 49.3 147.9



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: 19.97 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049474.D

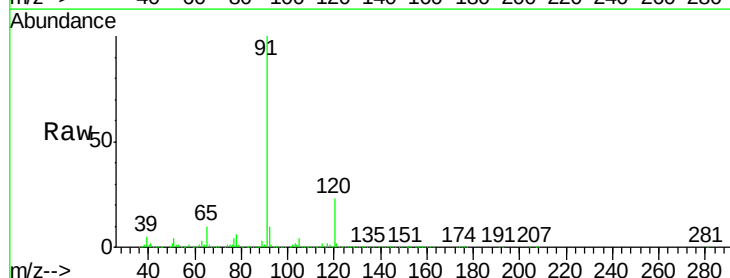
Acq: 21 Jun 2018 17:53

Tgt Ion: 91 Resp: 1747110

Ion Ratio Lower Upper

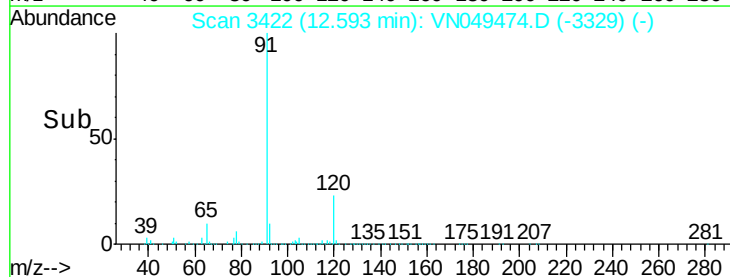
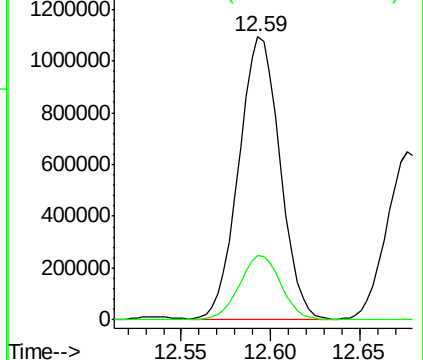
91 100

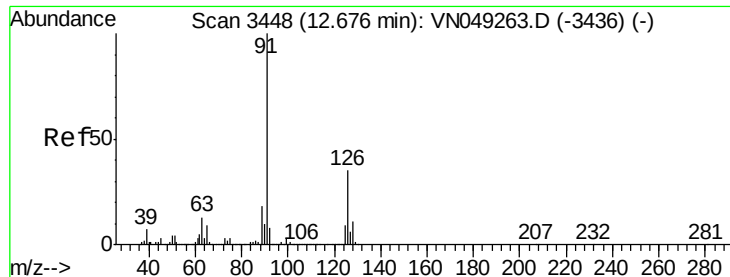
120 23.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.24 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

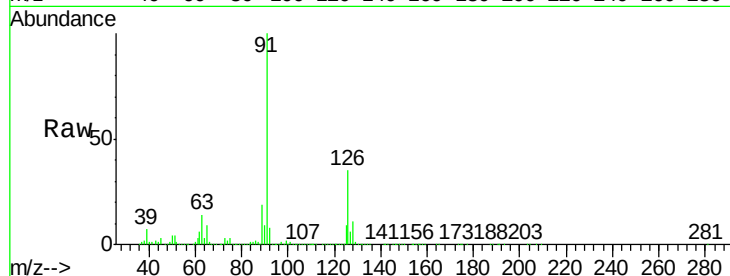
ClientSampleId :

Tot Ion: 91 Resp: 1066711

Ion Ratio Lower Upper

91 100

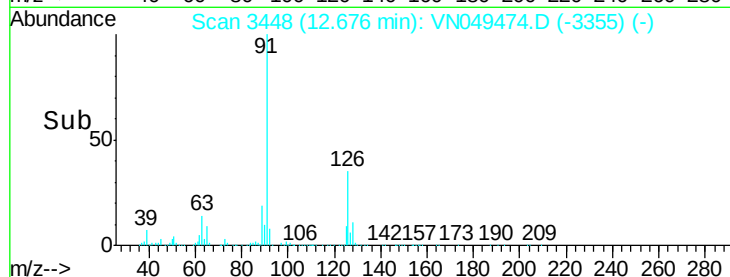
126 35.0 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049263.D (-3436) (-)

Ion 125.90 (125.60 to 126.60): VN049263.D (-3436) (-)

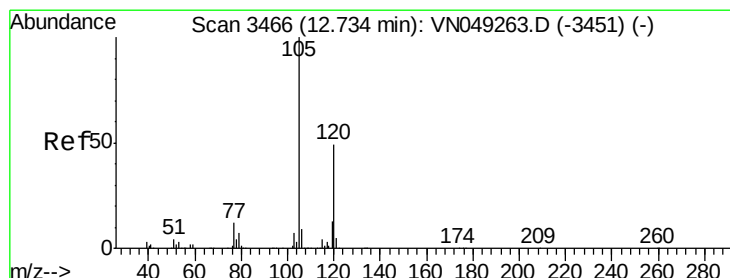
Time-->



Abundance Ion 91.00 (90.70 to 91.70): VN049474.D (-3355) (-)

Ion 125.90 (125.60 to 126.60): VN049474.D (-3355) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.33 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049474.D

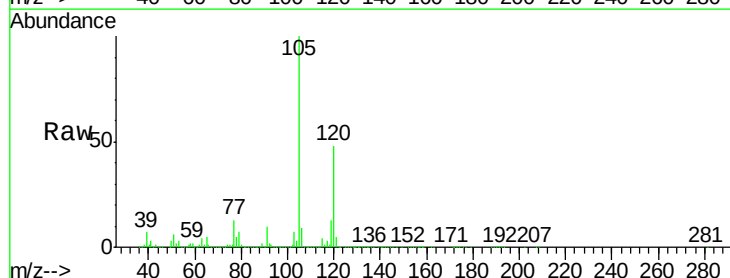
Acq: 21 Jun 2018 17:53

Tgt Ion: 105 Resp: 1273521

Ion Ratio Lower Upper

105 100

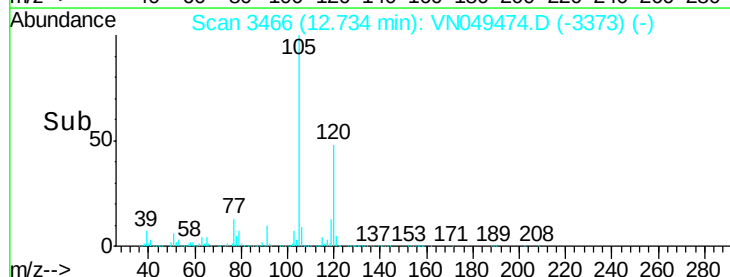
120 48.5 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049263.D (-3451) (-)

Ion 120.00 (119.70 to 120.70): VN049263.D (-3451) (-)

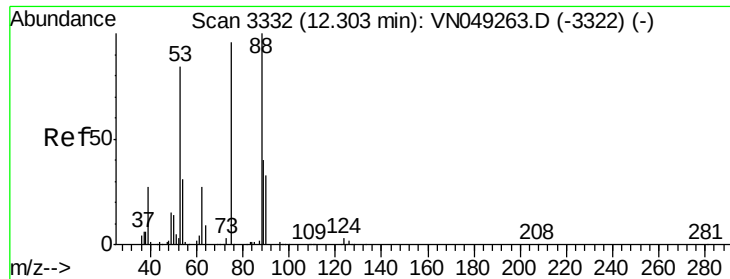
Time-->



Abundance Ion 105.00 (104.70 to 105.70): VN049474.D (-3373) (-)

Ion 120.00 (119.70 to 120.70): VN049474.D (-3373) (-)

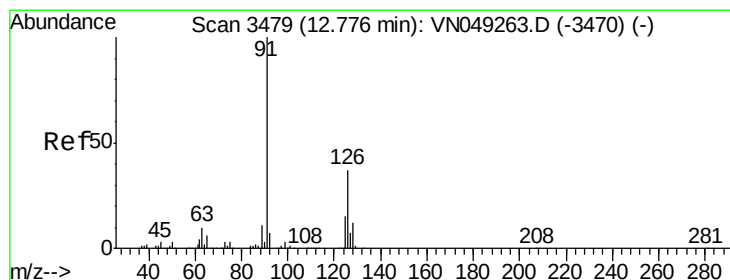
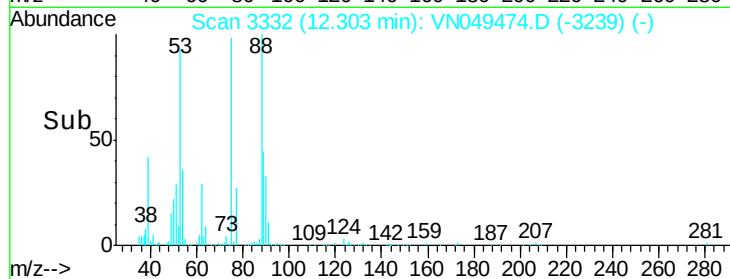
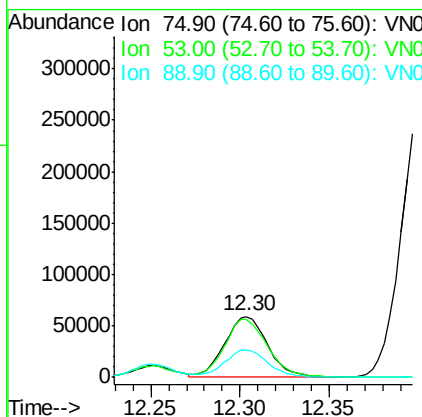
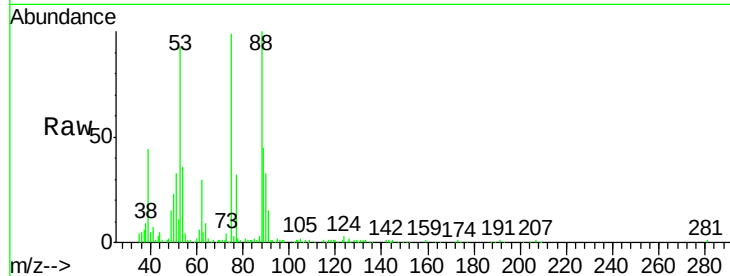
Time-->



#81
trans-1,4-Dichloro-2-butene
Concen: 19.78 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

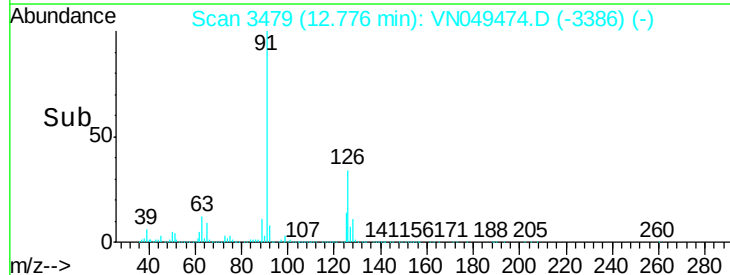
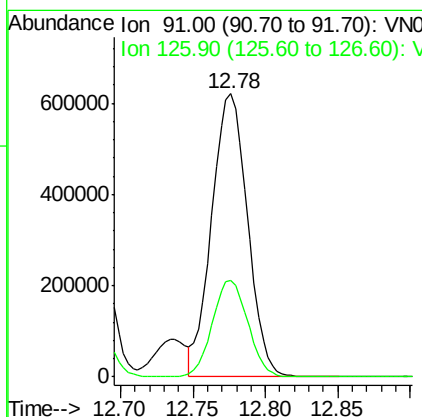
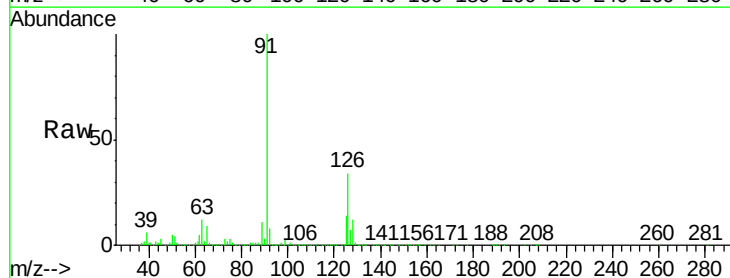
Instrument :
MSVOA_N
ClientSampled :

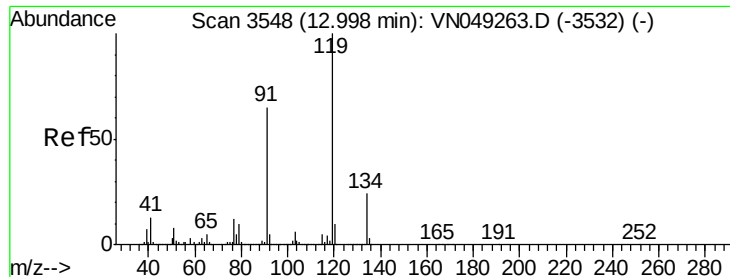
Tot Ion: 75 Resp: 96927
Ion Ratio Lower Upper
75 100
53 98.0 82.7 124.1
89 47.3 36.5 54.7



#82
4-Chlorotoluene
Concen: 19.83 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Tgt Ion: 91 Resp: 1060728
Ion Ratio Lower Upper
91 100
126 33.8 16.4 49.1





#83

tert-Butylbenzene

Concen: 19.64 ug/l

RT: 13.00 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

ClientSampled :

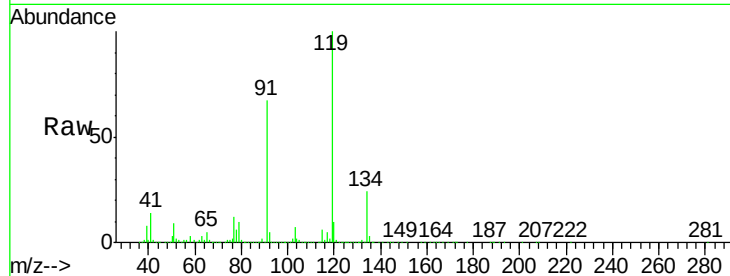
Tot Ion:119 Resp: 1089876

Ion Ratio Lower Upper

119 100

91 64.9 33.7 101.0

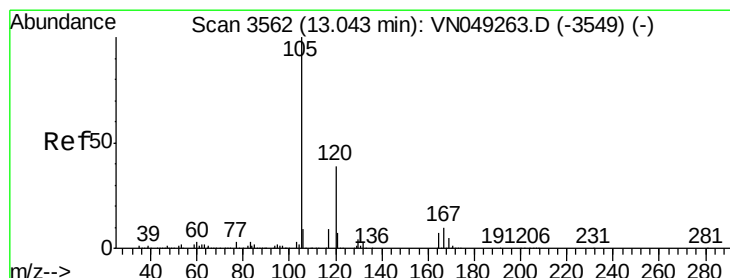
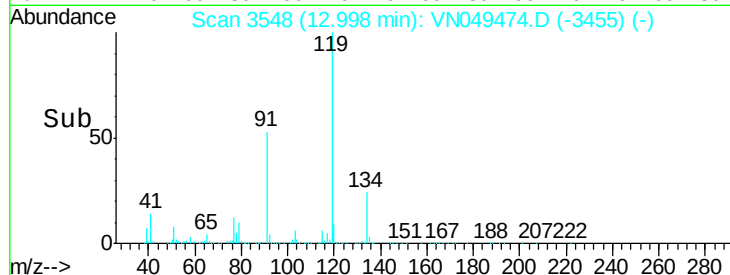
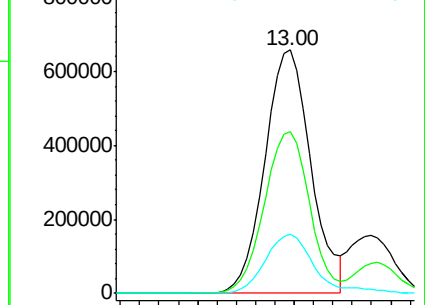
134 26.0 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.43 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049474.D

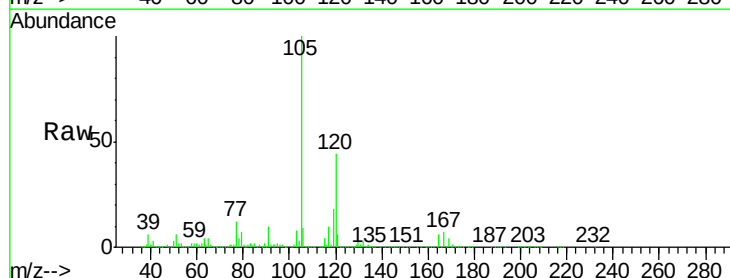
Acq: 21 Jun 2018 17:53

Tgt Ion:105 Resp: 1271129

Ion Ratio Lower Upper

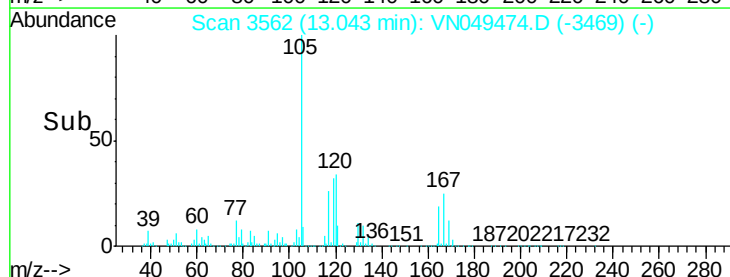
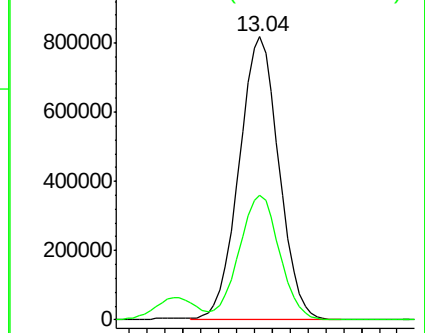
105 100

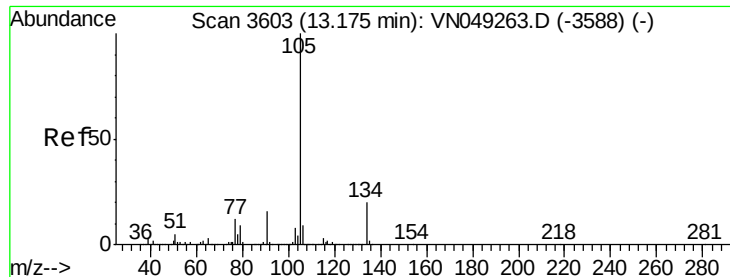
120 45.0 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.57 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

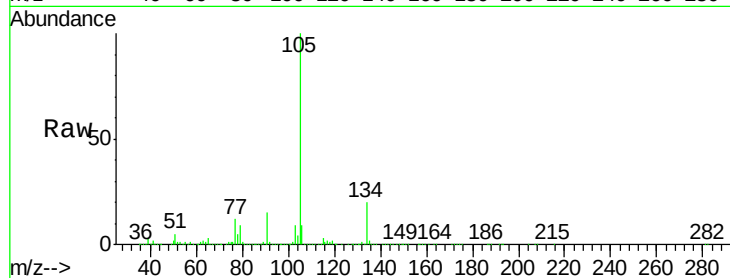
ClientSampleId :

Tot Ion:105 Resp: 1445065

Ion Ratio Lower Upper

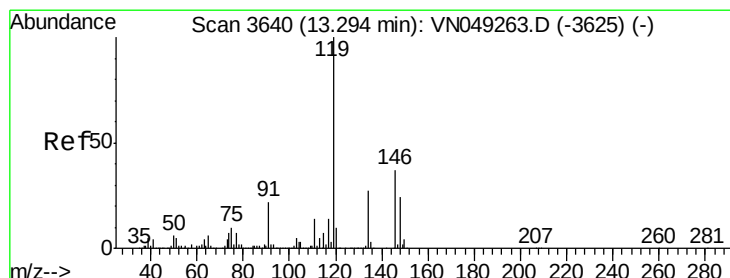
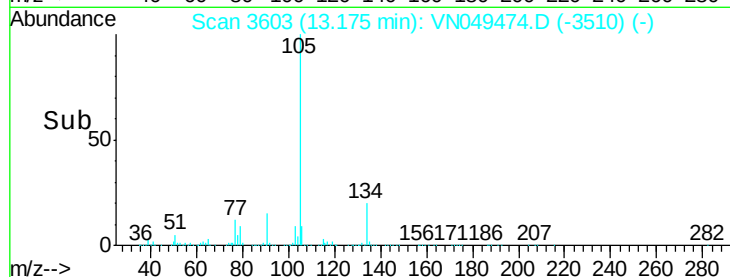
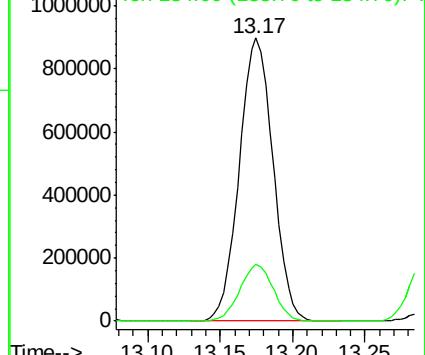
105 100

134 20.0 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: 19.64 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

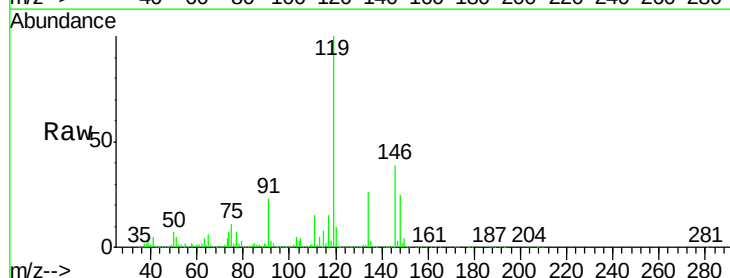
Tgt Ion:119 Resp: 1211548

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

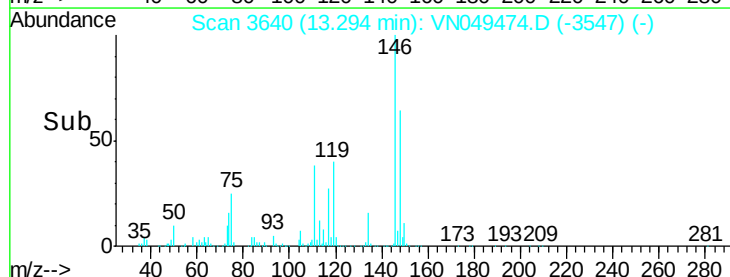
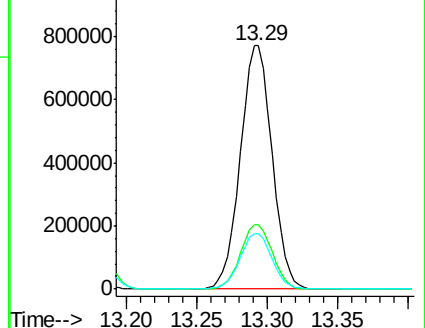
91 22.7 12.1 36.3

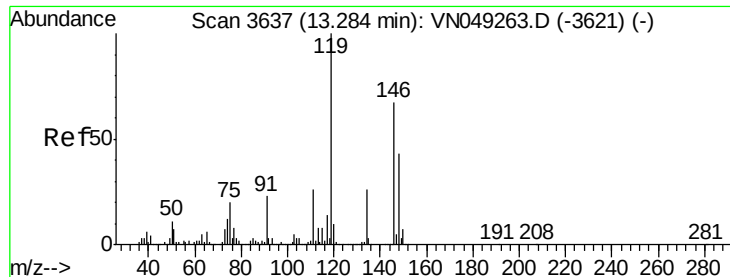


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

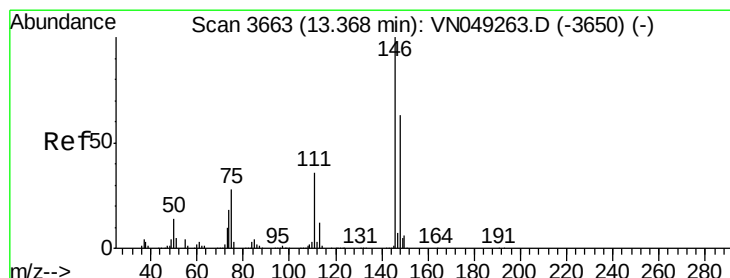
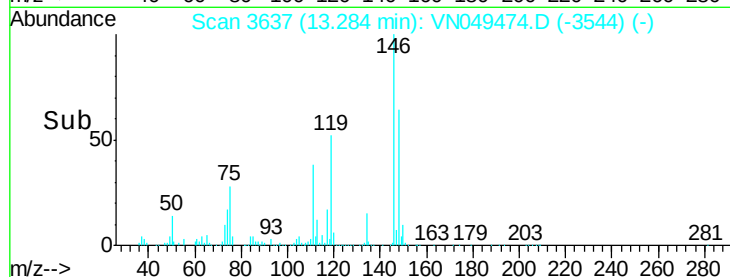
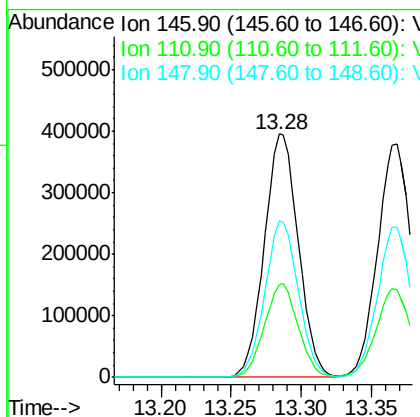
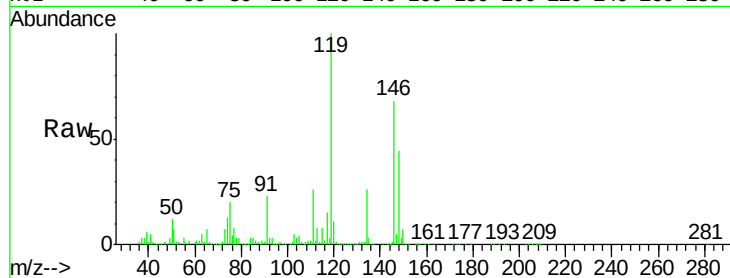




#87
 1,3-Dichlorobenzene
 Concen: 19.13 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049474.D
 Acq: 21 Jun 2018 17:53

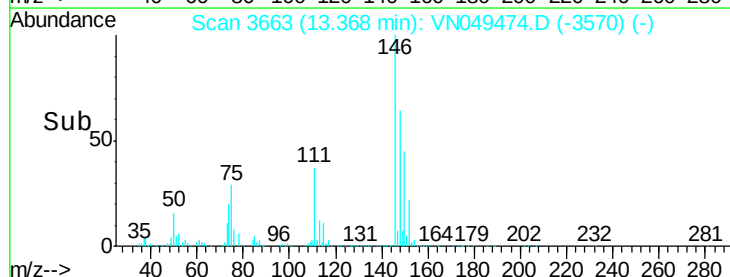
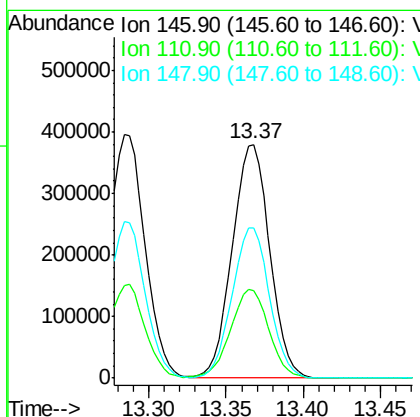
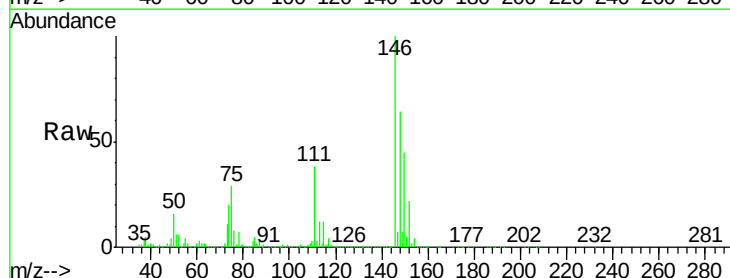
Instrument :
 MSVOA_N
 ClientSampleId :

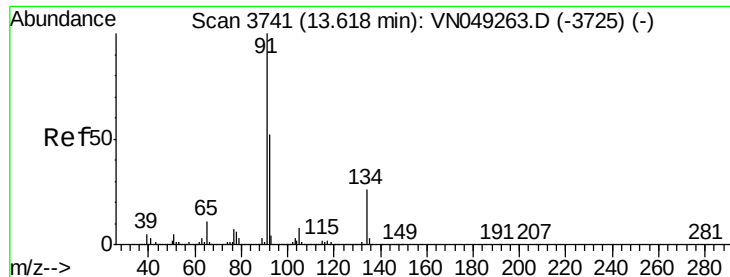
Tot Ion:146 Resp: 662494
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.9 59.6
 148 63.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.56 ug/l
 RT: 13.37 min Scan# 3663
 Delta R.T. 0.00 min
 Lab File: VN049474.D
 Acq: 21 Jun 2018 17:53

Tgt Ion:146 Resp: 637094
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.1
 148 64.2 32.0 96.2

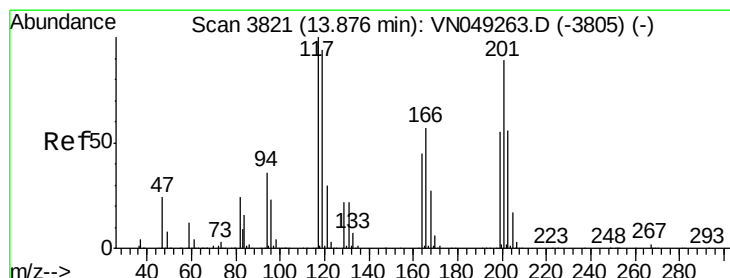
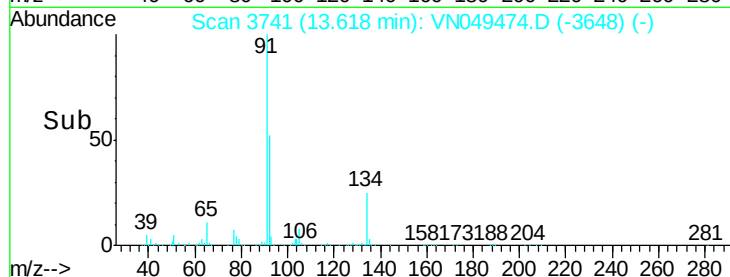
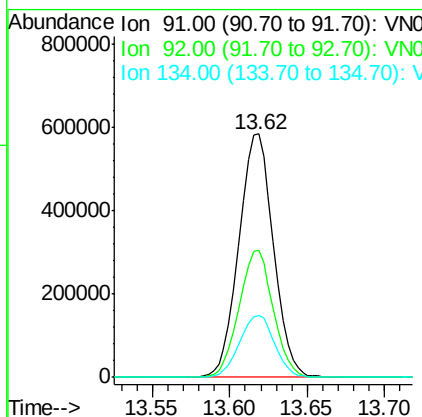
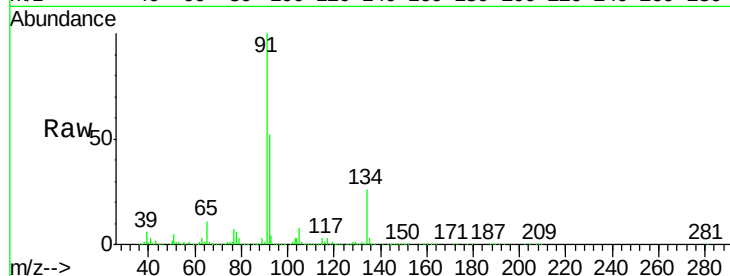




#89
n-Butylbenzene
Concen: 18.68 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

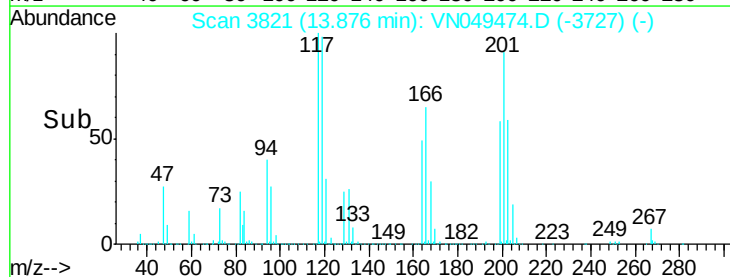
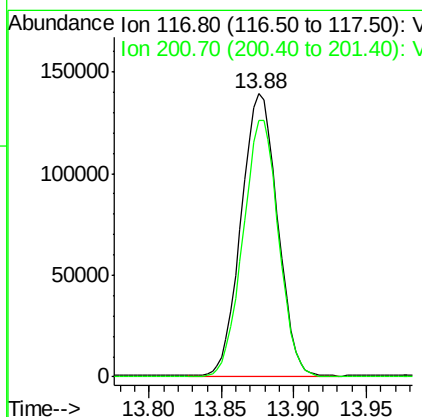
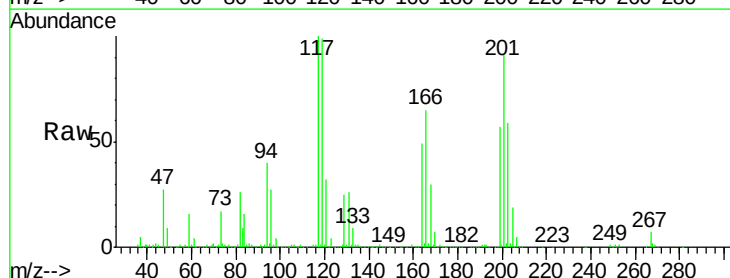
Instrument :
MSVOA_N
ClientSampleId :

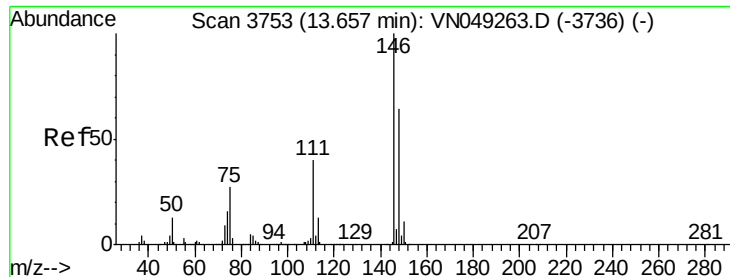
Tot Ion	91	Resp	900284
Ion Ratio	100	Lower	Upper
92	51.6	25.1	75.4
134	25.8	12.0	36.0



#90
Hexachloroethane
Concen: 19.70 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Tgt Ion	117	Resp	242035
Ion Ratio	100	Lower	Upper
201	89.6	40.1	120.2

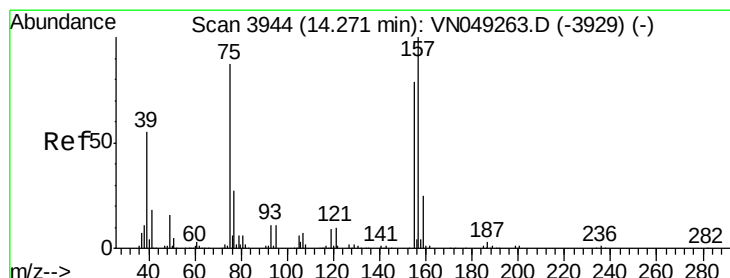
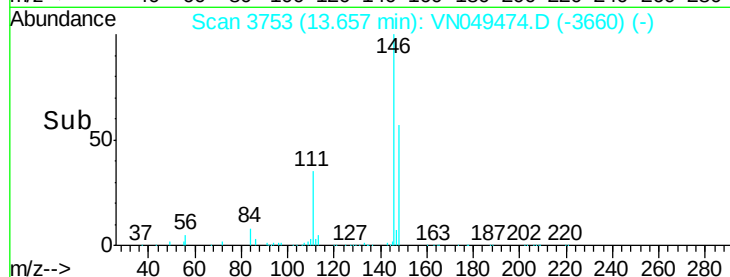
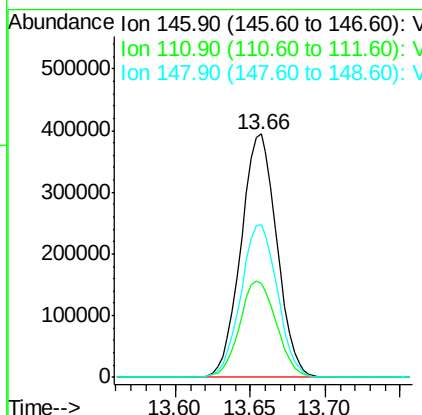
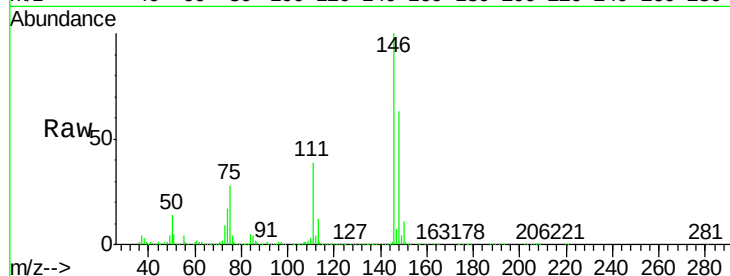




#91
 1,2-Dichlorobenzene
 Concen: 19.41 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049474.D
 Acq: 21 Jun 2018 17:53

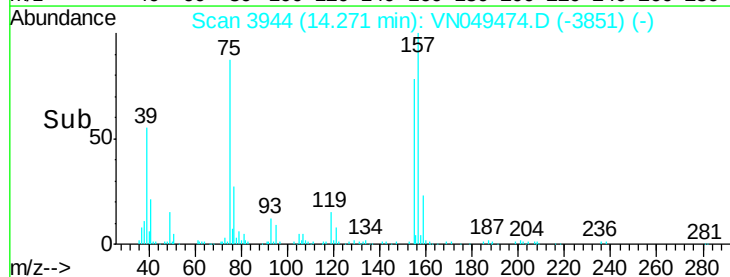
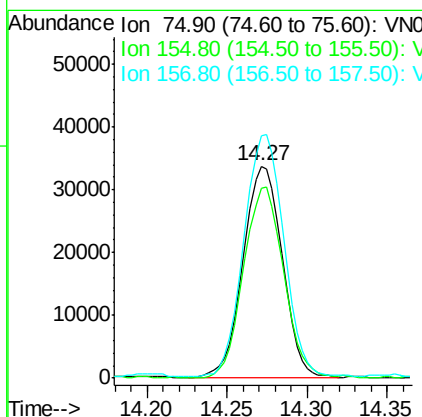
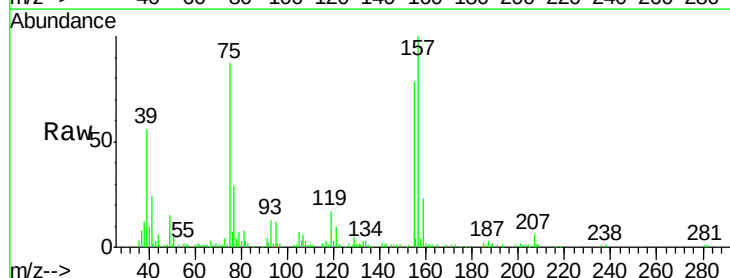
Instrument :
 MSVOA_N
 ClientSampleId :

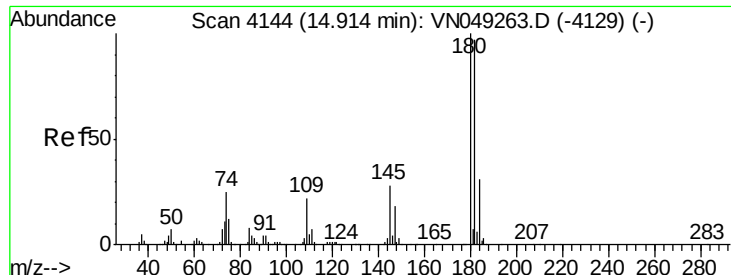
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.8	62.2
148	63.9	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.48 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049474.D
 Acq: 21 Jun 2018 17:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.1	38.8	116.3
157	115.9	51.0	153.1

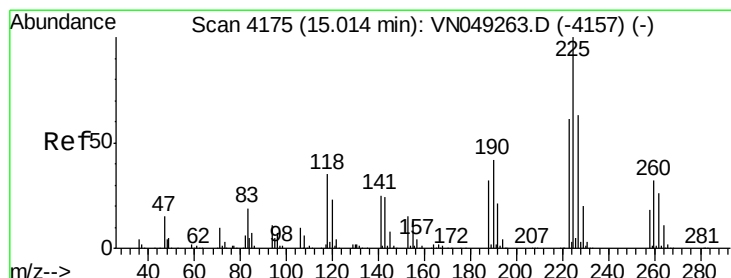
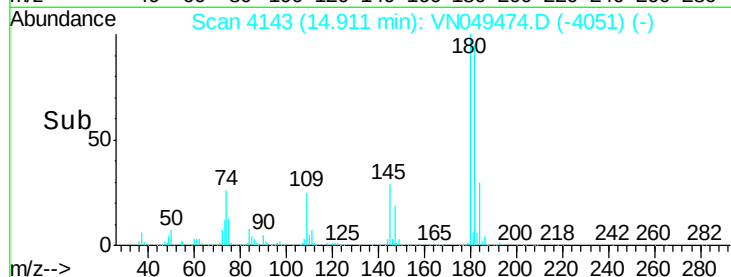
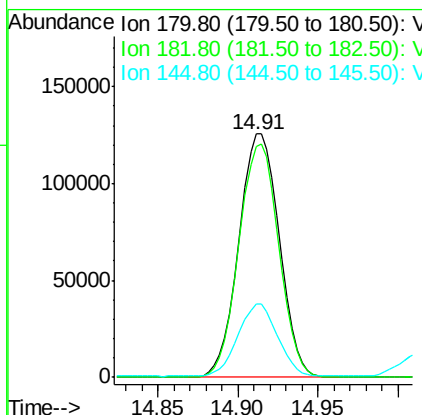
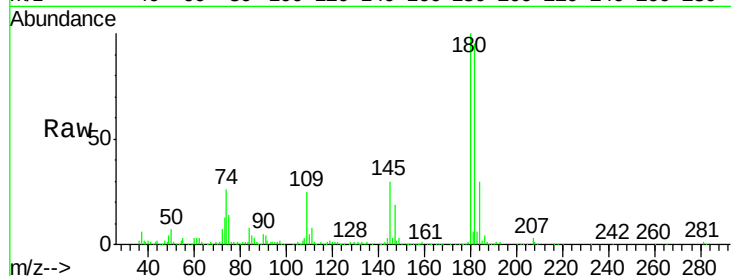




#93
1,2,4-Trichlorobenzene
Concen: 17.35 ug/l
RT: 14.91 min Scan# 4143
Delta R.T. -0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

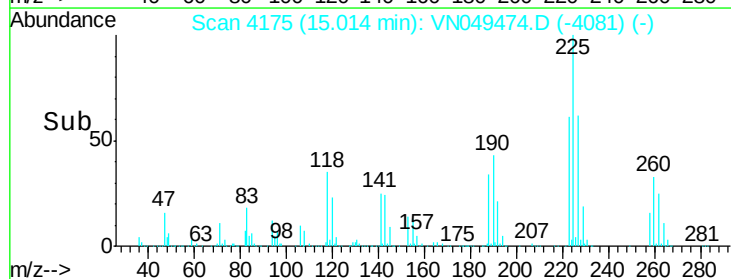
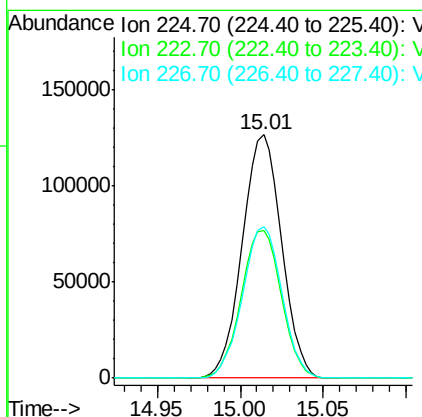
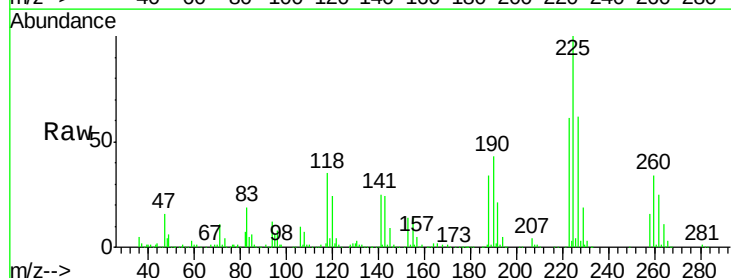
Instrument :
MSVOA_N
ClientSampled :

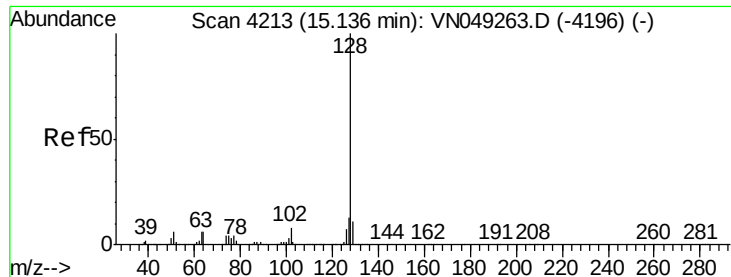
Tot Ion:180 Resp: 216796
Ion Ratio Lower Upper
180 100
182 94.9 46.9 140.8
145 28.9 14.7 44.1



#94
Hexachlorobutadiene
Concen: 19.40 ug/l
RT: 15.01 min Scan# 4175
Delta R.T. 0.00 min
Lab File: VN049474.D
Acq: 21 Jun 2018 17:53

Tgt Ion:225 Resp: 209222
Ion Ratio Lower Upper
225 100
223 61.9 32.1 96.3
227 62.4 31.8 95.3





#95

Naphthalene

Concen: 20.21 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

Instrument :

MSVOA_N

ClientSampled :

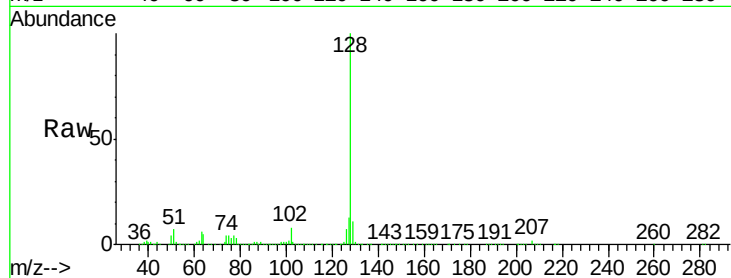
Tot Ion:128 Resp: 480774

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

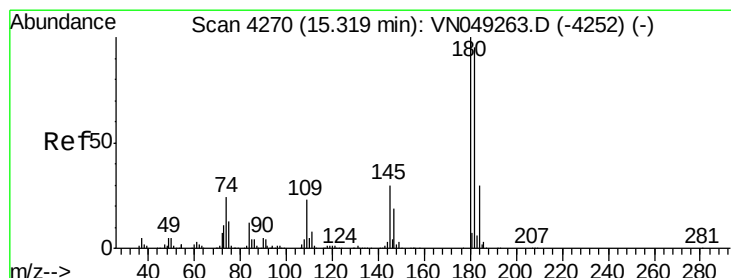
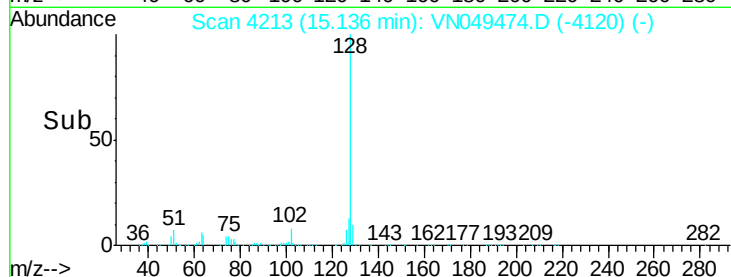
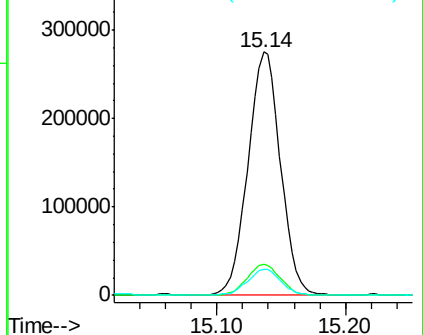
129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.31 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049474.D

Acq: 21 Jun 2018 17:53

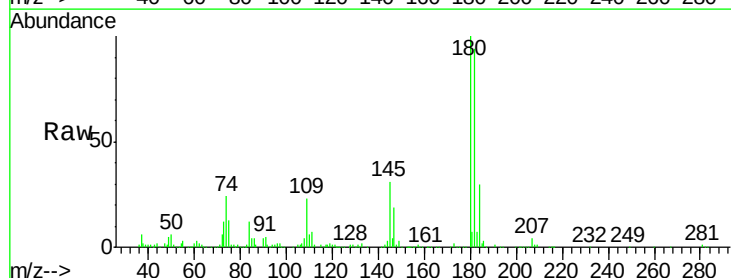
Tgt Ion:180 Resp: 242726

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 30.7 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

