

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049633.D
 Acq On : 29 Jun 2018 15:35
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 30 01:18:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 29 15:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1506619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2170715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1975920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1108585	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	938864	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
35) Dibromofluoromethane	7.59	113	808766	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
50) Toluene-d8	10.09	98	3243957	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.40	95	1138862	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	790355	46.55	ug/l	99
3) Chloromethane	2.06	50	907294	42.78	ug/l	97
4) Vinyl Chloride	2.18	62	1001989	43.99	ug/l	100
5) Bromomethane	2.56	94	502008	41.96	ug/l	97
6) Chloroethane	2.70	64	618895	42.93	ug/l	99
7) Trichlorofluoromethane	3.02	101	1132707	43.54	ug/l	100
8) Diethyl Ether	3.40	74	463826	43.98	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	830192	44.35	ug/l	93
10) Methyl Iodide	3.94	142	1140728	48.70	ug/l	91
11) Tert butyl alcohol	4.79	59	265677	232.70	ug/l	97
12) 1,1-Dichloroethene	3.73	96	745020	42.10	ug/l	89
13) Acrolein	3.60	56	233549	218.99	ug/l	98
14) Allyl chloride	4.32	41	1037296	42.67	ug/l	89
15) Acrylonitrile	4.99	53	1322301	224.24	ug/l	99
16) Acetone	3.82	43	888164	213.87	ug/l	92
17) Carbon Disulfide	4.05	76	2159774	44.30	ug/l	99
18) Methyl Acetate	4.32	43	778887	42.42	ug/l	94
19) Methyl tert-butyl Ether	5.04	73	2098980	46.01	ug/l	99
20) Methylene Chloride	4.55	84	835669	40.79	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	795789	43.70	ug/l	92
22) Diisopropyl ether	5.95	45	2508655	45.62	ug/l	98
23) Vinyl Acetate	5.89	43	8470473	237.52	ug/l	95
24) 1,1-Dichloroethane	5.84	63	1496888	43.21	ug/l	98
25) 2-Butanone	6.83	43	1489174	225.46	ug/l	96
26) 2,2-Dichloropropane	6.82	77	1287022	44.73	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	906909	44.58	ug/l	92
28) Bromochloromethane	7.19	49	711173	48.37	ug/l	# 83
29) Tetrahydrofuran	7.21	42	988921	234.90	ug/l	92
30) Chloroform	7.37	83	1520067	43.04	ug/l	99
31) Cyclohexane	7.65	56	1346244	45.26	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	1317892	44.08	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1163463	47.64	ug/l	97
37) Ethyl Acetate	6.93	43	699146	49.08	ug/l	98
38) Carbon Tetrachloride	7.77	117	1137720	47.89	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	1295879	48.40	ug/l	95
40) Benzene	8.04	78	3435424	46.07	ug/l	100
41) Methacrylonitrile	7.17	41	392604	51.63	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1090391	45.82	ug/l	96
43) Isopropyl Acetate	8.17	43	1333347	47.11	ug/l #	86
44) Trichloroethene	8.83	130	992853	44.15	ug/l	93
45) 1,2-Dichloropropane	9.12	63	901232	46.78	ug/l	100
46) Dibromomethane	9.21	93	535552	45.95	ug/l	91
47) Bromodichloromethane	9.40	83	1157776	46.66	ug/l	97
48) Methyl methacrylate	9.20	41	609208	48.13	ug/l	87
49) 1,4-Dioxane	9.20	88	164983	969.50	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	3445644	246.72	ug/l	94
52) Toluene	10.16	92	2149803	47.72	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1166085	49.08	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1336346	48.13	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	770672	45.94	ug/l	97
56) Ethyl methacrylate	10.43	69	1003322	51.03	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	1288818	47.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1805579	176.66	ug/l	95
59) 2-Hexanone	10.75	43	2370930	256.73	ug/l	93
60) Dibromochloromethane	10.90	129	865531	47.74	ug/l	99
61) 1,2-Dibromoethane	11.01	107	748257	46.55	ug/l	99
64) Tetrachloroethene	10.63	164	1137068	42.50	ug/l	98
65) Chlorobenzene	11.43	112	2346641	45.53	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	859265	46.39	ug/l	99
67) Ethyl Benzene	11.51	91	4068643	47.75	ug/l	98
68) m/p-Xylenes	11.62	106	3206654	98.20	ug/l	96
69) o-Xylene	11.95	106	1517558	48.54	ug/l	96
70) Styrene	11.96	104	2522778	49.87	ug/l	97
71) Bromoform	12.13	173	594328	48.29	ug/l #	100
73) Isopropylbenzene	12.25	105	4049881	45.86	ug/l	98
74) N-amyl acetate	12.07	43	1125326	46.65	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	870064	47.37	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1162756	68.07	ug/l #	100
77) Bromobenzene	12.53	156	1029288	42.87	ug/l	90
78) n-propylbenzene	12.59	91	4780941	47.24	ug/l	98
79) 2-Chlorotoluene	12.68	91	2824673	44.10	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	3461659	47.18	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	249583	47.68	ug/l	92
82) 4-Chlorotoluene	12.77	91	2896269	44.97	ug/l	97
83) tert-Butylbenzene	12.99	119	2874216	45.60	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	3566101	47.30	ug/l	99
85) sec-Butylbenzene	13.17	105	3945144	47.24	ug/l	99
86) p-Isopropyltoluene	13.29	119	3521381	48.68	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1888140	46.39	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1856302	46.45	ug/l	99
89) n-Butylbenzene	13.62	91	3005430	48.53	ug/l	97
90) Hexachloroethane	13.88	117	434049	57.12	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	1852745	47.38	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	147964	48.02	ug/l	82

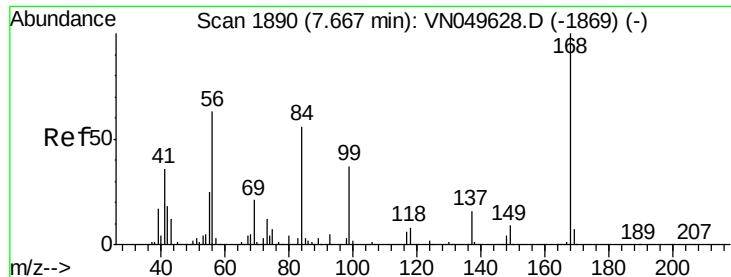
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	946484	46.51	ug/l	98
94) Hexachlorobutadiene	15.01	225	599953	51.00	ug/l	98
95) Naphthalene	15.14	128	1996252	47.07	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	901719	46.61	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

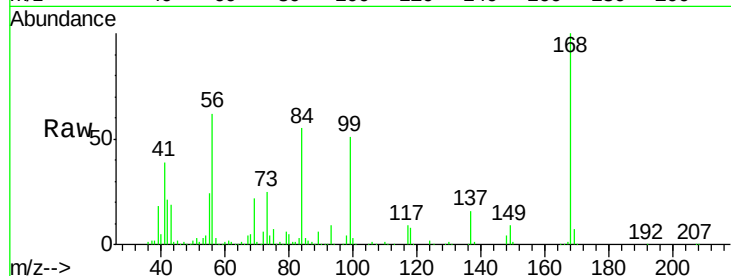
ClientSampleId :

Tot Ion:168 Resp: 1506619

Ion Ratio Lower Upper

168 100

99 51.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

600000

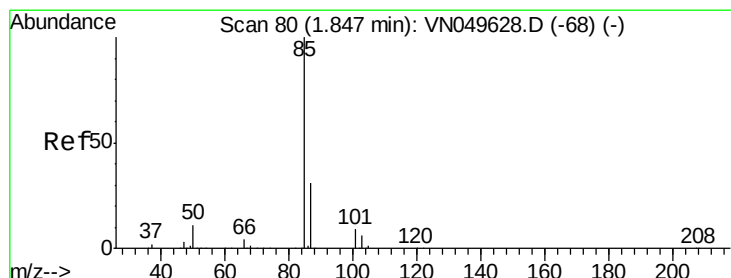
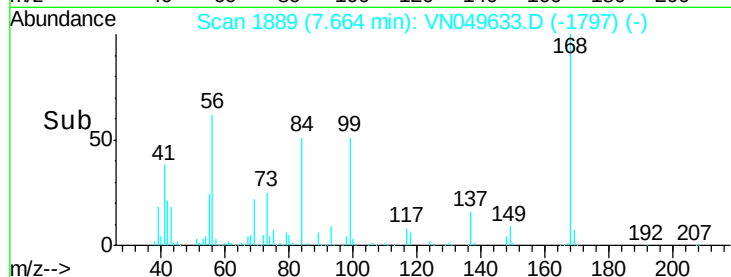
400000

200000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.55 ug/l

RT: 1.85 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN049633.D

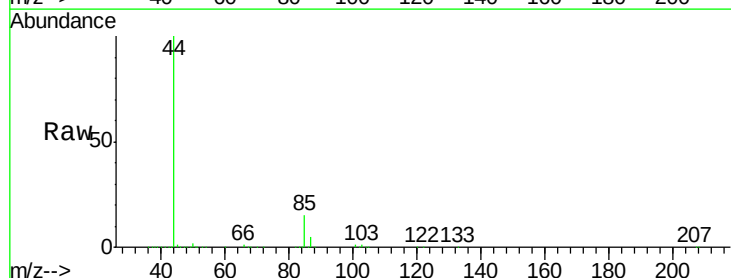
Acq: 29 Jun 2018 15:35

Tgt Ion: 85 Resp: 790355

Ion Ratio Lower Upper

85 100

87 33.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

600000

500000

400000

300000

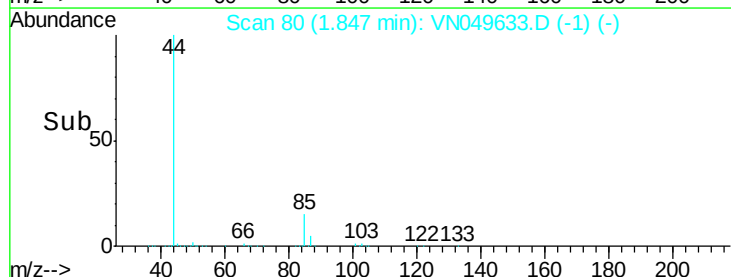
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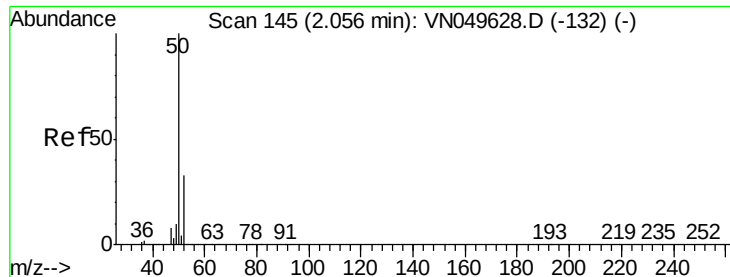
100000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 42.78 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

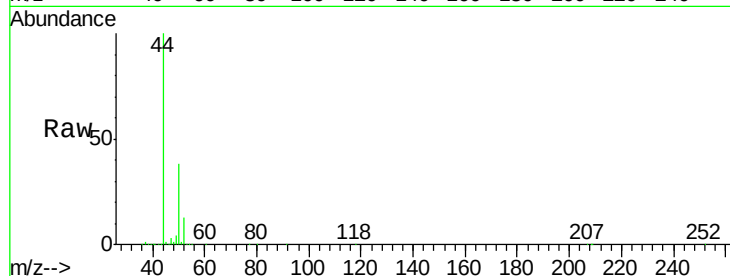
ClientSampleId :

Tot Ion: 50 Resp: 907294

Ion Ratio Lower Upper

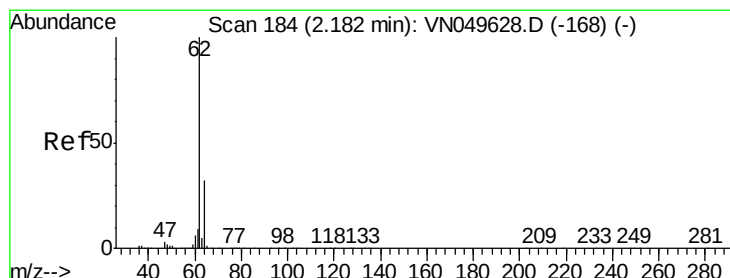
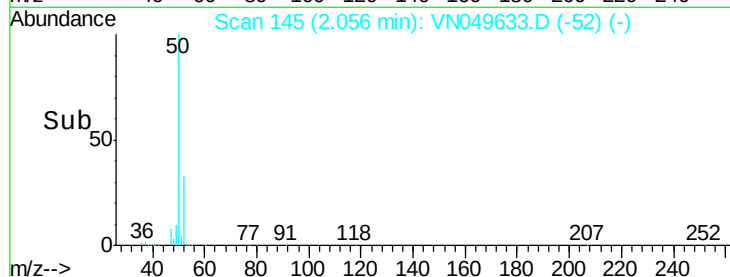
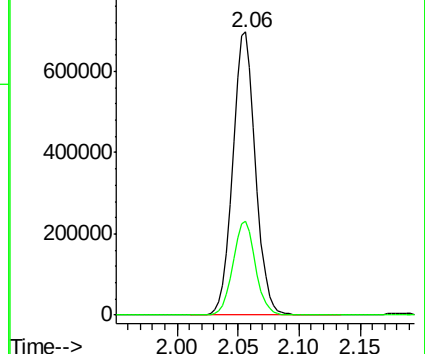
50 100

52 33.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN049633.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN049633.D (-52) (-)



#4

Vinyl Chloride

Concen: 43.99 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049633.D

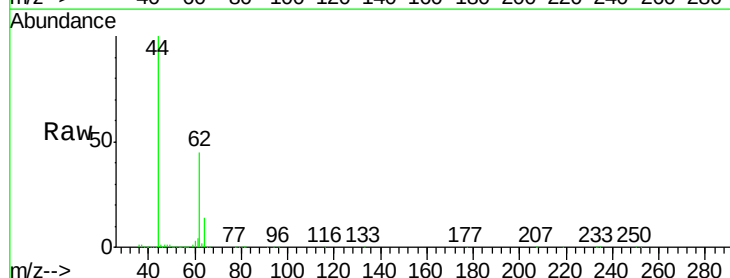
Acq: 29 Jun 2018 15:35

Tgt Ion: 62 Resp: 1001989

Ion Ratio Lower Upper

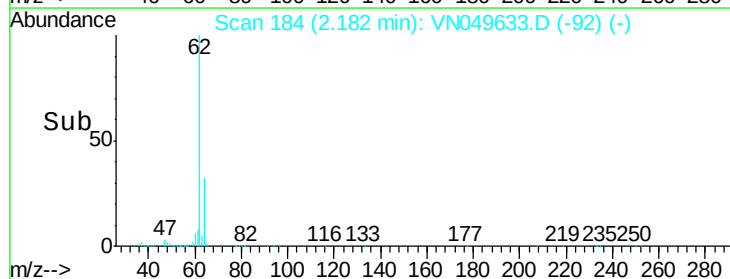
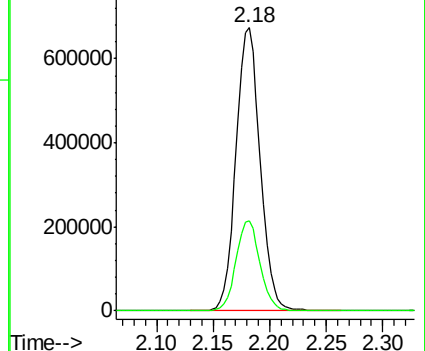
62 100

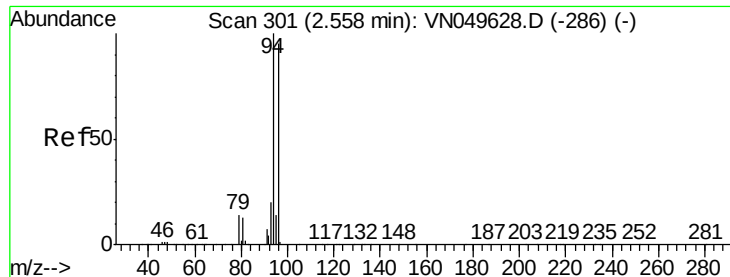
64 31.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN049633.D (-92) (-)

Ion 63.90 (63.60 to 64.60): VN049633.D (-92) (-)





#5

Bromomethane

Concen: 41.96 ug/l

RT: 2.56 min Scan# 302

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

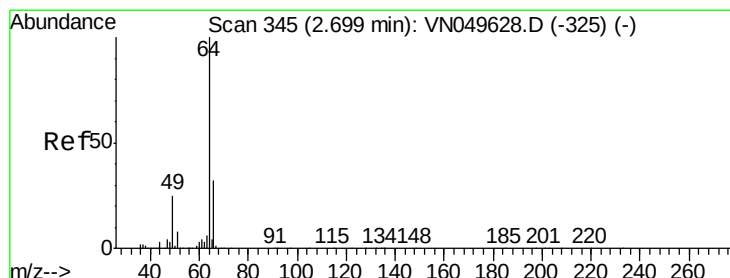
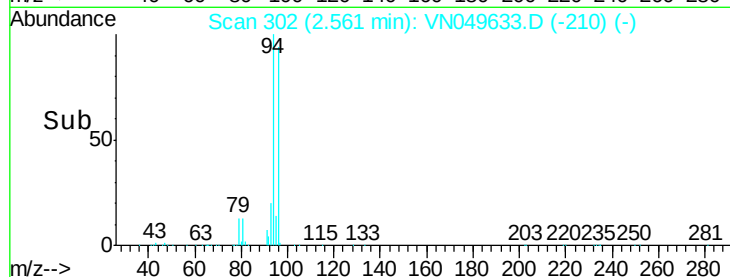
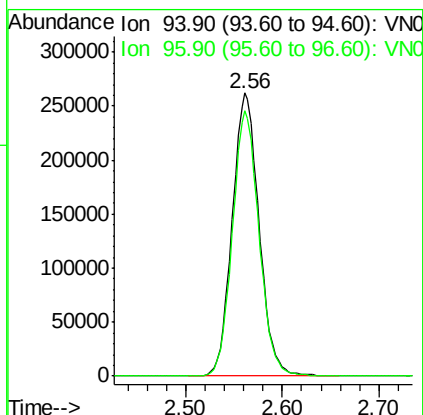
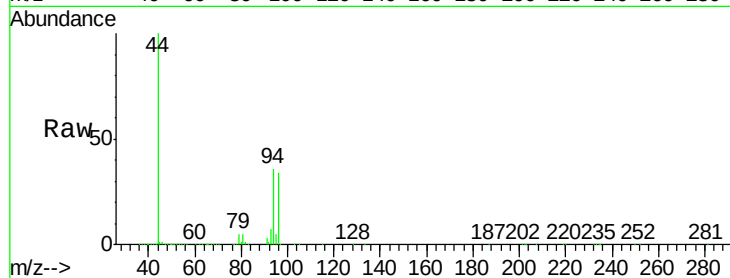
ClientSampled :

Tot Ion: 94 Resp: 502008

Ion Ratio Lower Upper

94 100

96 93.7 72.8 109.2



#6

Chloroethane

Concen: 42.93 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN049633.D

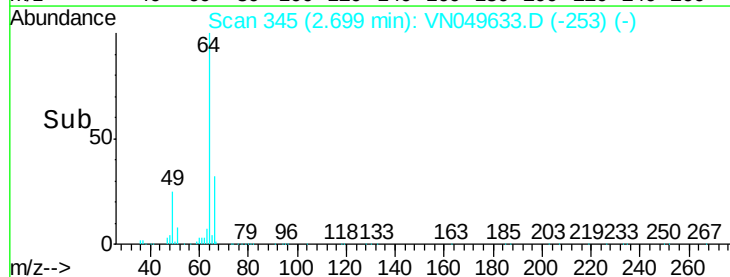
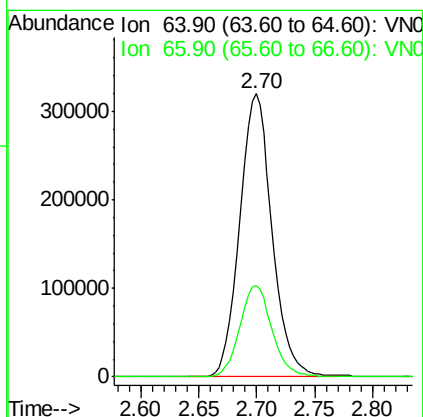
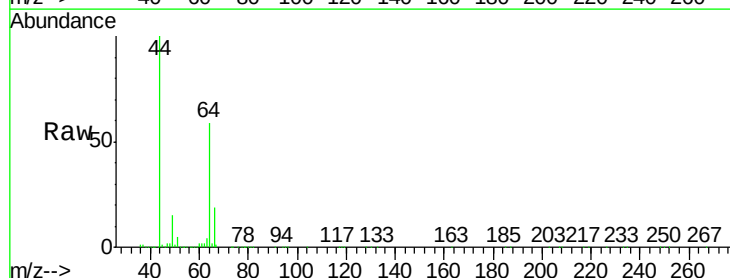
Acq: 29 Jun 2018 15:35

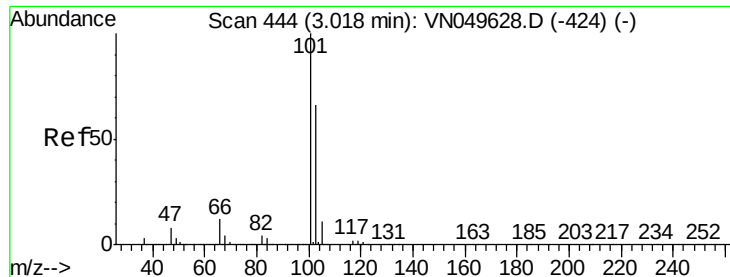
Tgt Ion: 64 Resp: 618895

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4



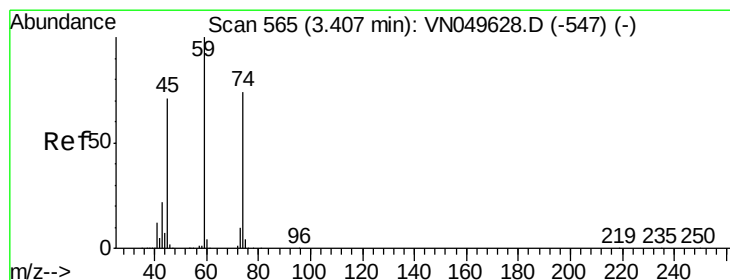
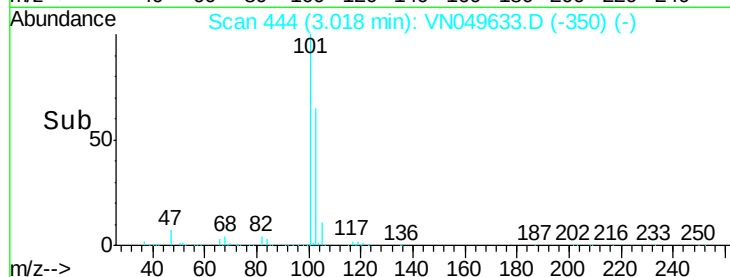
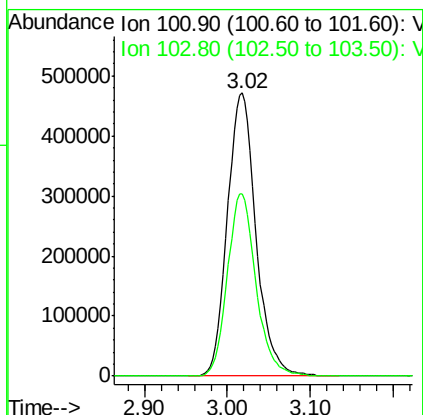
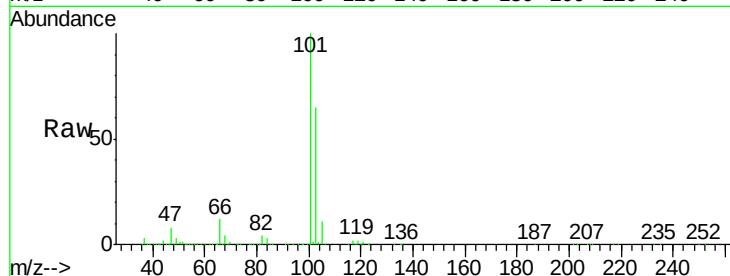


#7

Trichlorofluoromethane
Concen: 43.54 ug/l
RT: 3.02 min Scan# 444
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Instrument :
MSVOA_N
ClientSampled :

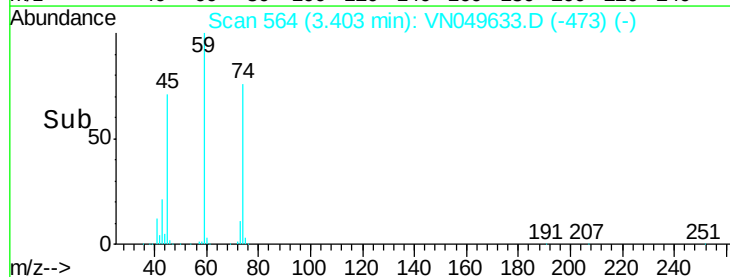
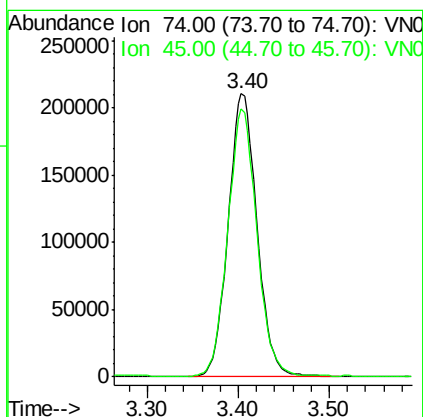
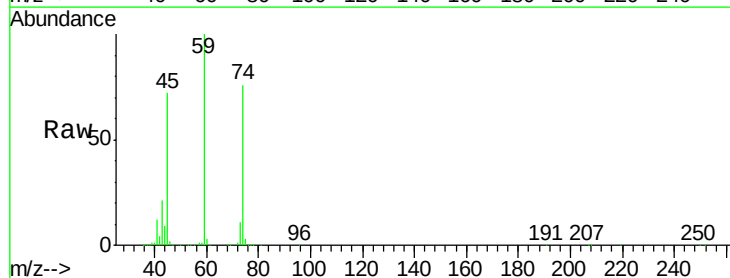
Tot Ion:101 Resp: 1132707
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

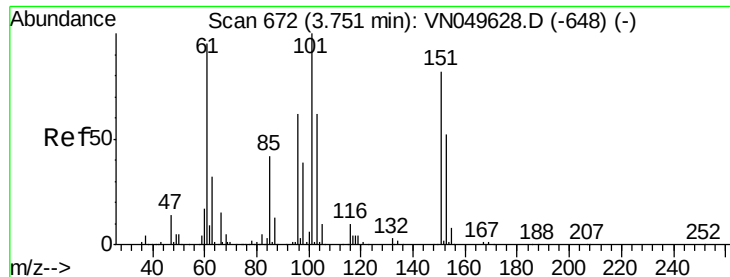


#8

Diethyl Ether
Concen: 43.98 ug/l
RT: 3.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion: 74 Resp: 463826
Ion Ratio Lower Upper
74 100
45 94.8 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.35 ug/l

RT: 3.75 min Scan# 671

Delta R.T. -0.01 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampled :

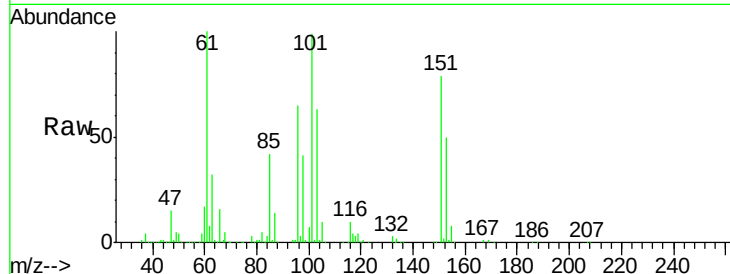
Tot Ion:101 Resp: 830192

Ion Ratio Lower Upper

101 100

85 42.8 37.6 56.4

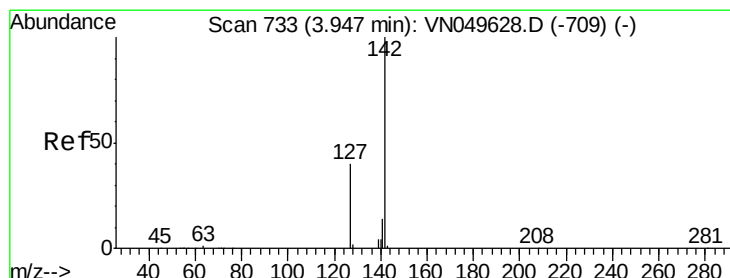
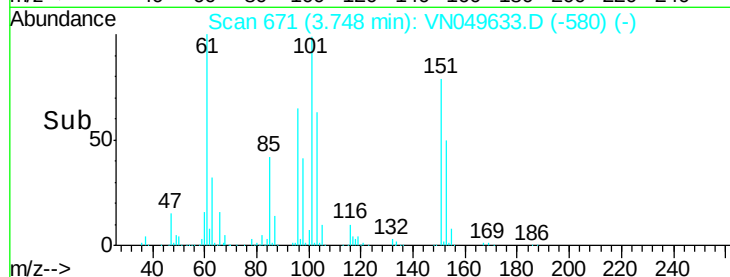
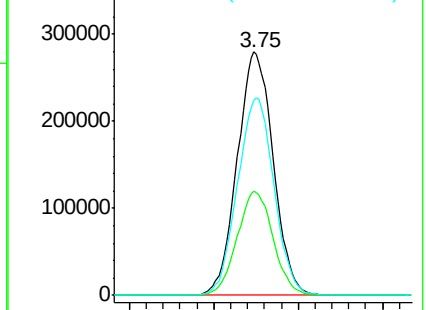
151 82.5 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.70 ug/l

RT: 3.94 min Scan# 732

Delta R.T. -0.01 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

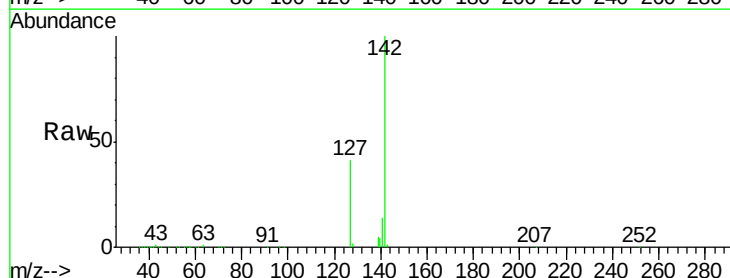
Tgt Ion:142 Resp: 1140728

Ion Ratio Lower Upper

142 100

127 40.5 38.2 57.4

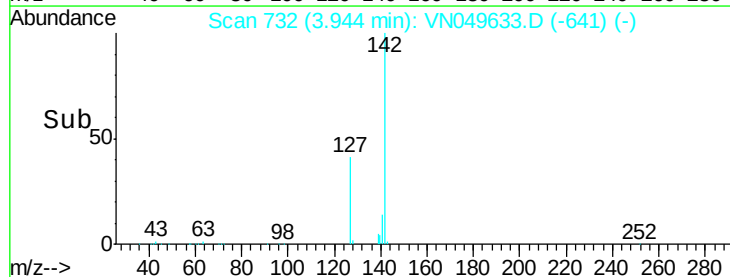
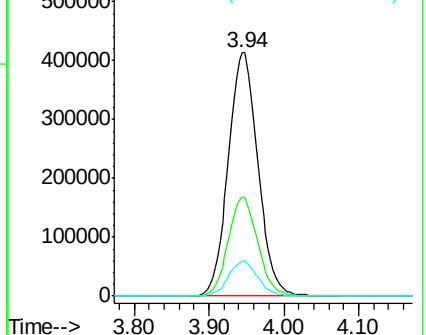
141 14.2 11.9 17.9

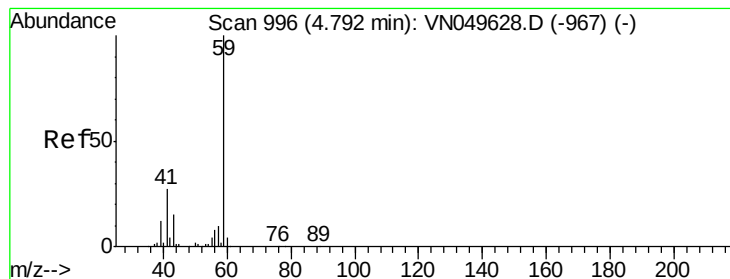


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



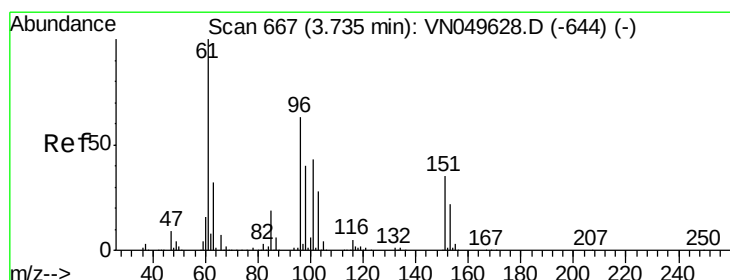
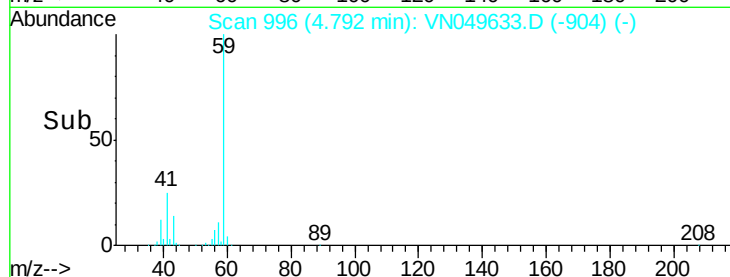
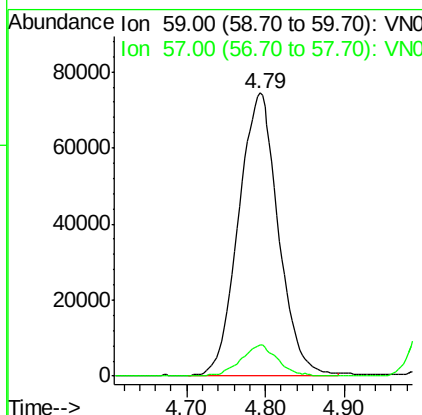
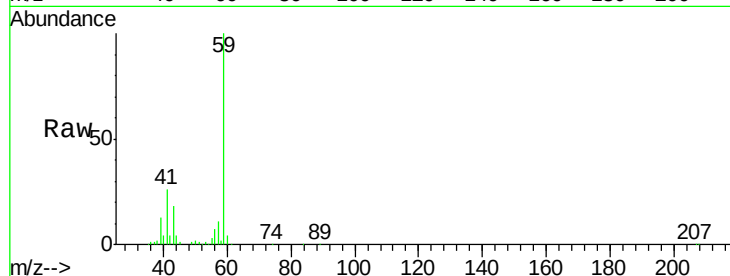


#11

Tert butyl alcohol
 Concen: 232.70 ug/l
 RT: 4.79 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Instrument :
 MSVOA_N
 ClientSampleId :

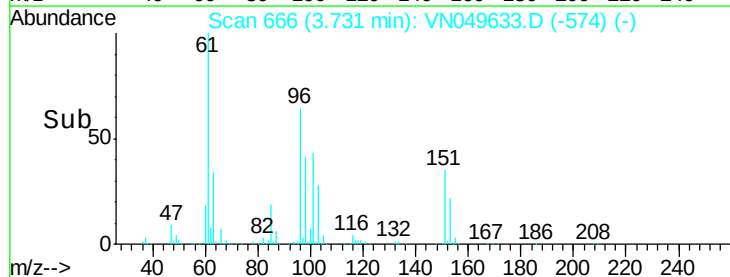
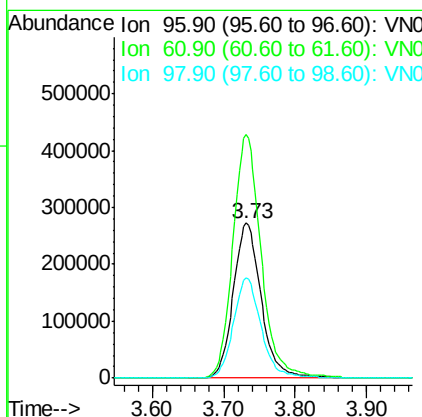
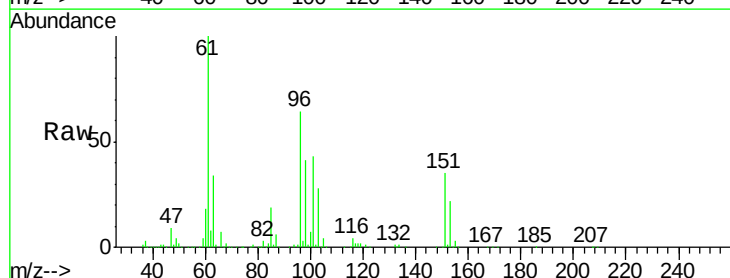
Tot Ion: 59 Resp: 265677
 Ion Ratio Lower Upper
 59 100
 57 10.2 9.0 13.6

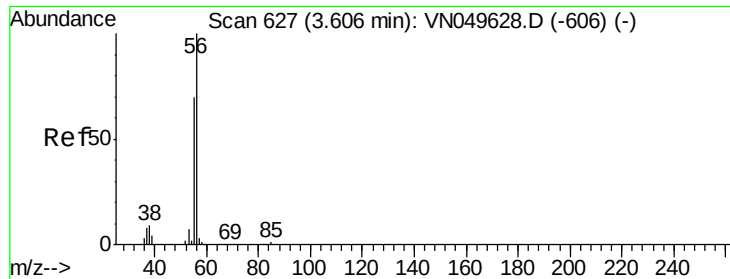


#12

1,1-Dichloroethene
 Concen: 42.10 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion: 96 Resp: 745020
 Ion Ratio Lower Upper
 96 100
 61 157.0 141.0 211.4
 98 64.3 50.4 75.6





#13

Acrolein

Concen: 218.99 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

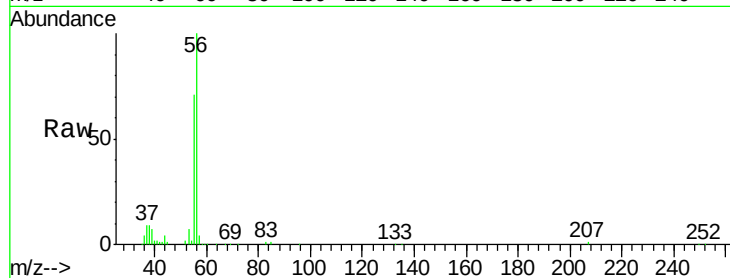
ClientSampleId :

Tot Ion: 56 Resp: 233549

Ion Ratio Lower Upper

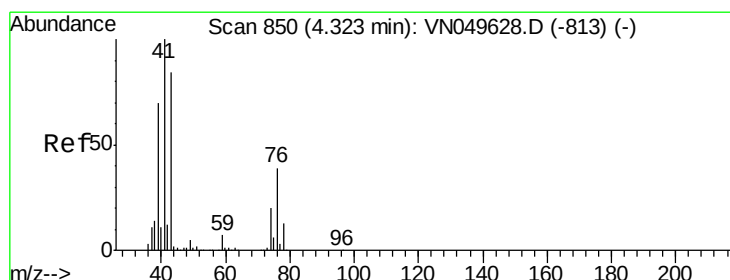
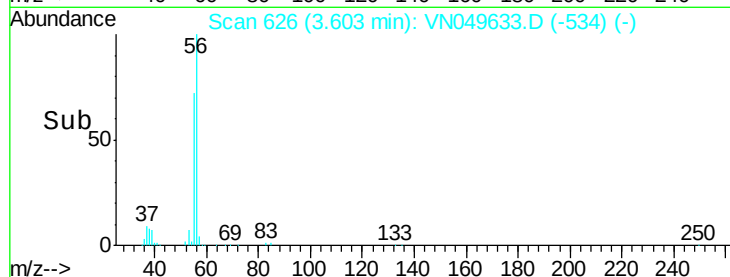
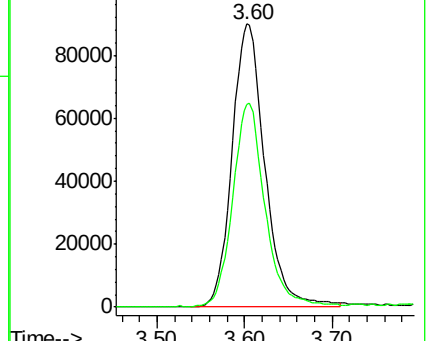
56 100

55 69.8 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN049628.D (-606) (-)

Ion 55.00 (54.70 to 55.70): VN049633.D (-534) (-)



#14

Allyl chloride

Concen: 42.67 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

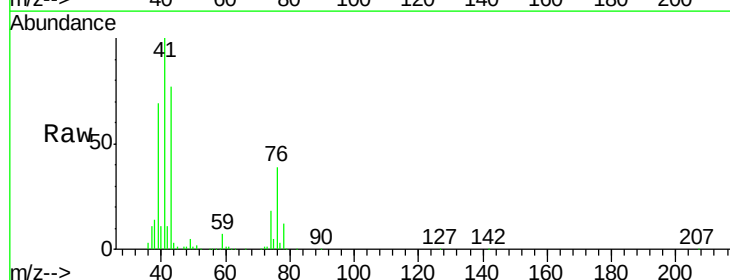
Tgt Ion: 41 Resp: 1037296

Ion Ratio Lower Upper

41 100

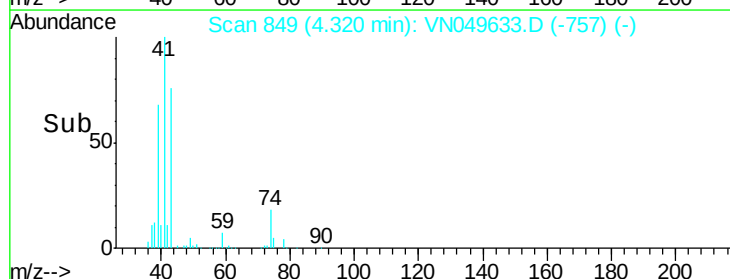
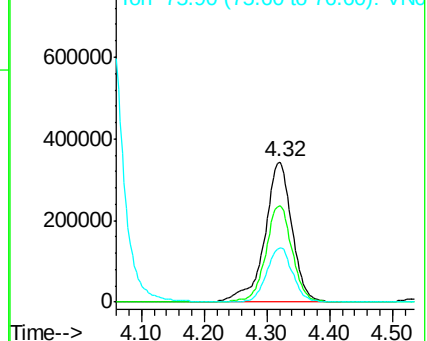
39 66.6 62.5 93.7

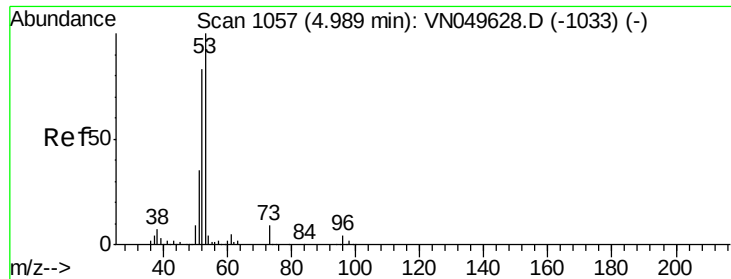
76 36.6 27.1 40.7



Abundance Ion 41.00 (40.70 to 41.70): VN049628.D (-813) (-)

Ion 39.00 (38.70 to 39.70): VN049633.D (-757) (-)





#15

Acrylonitrile

Concen: 224.24 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

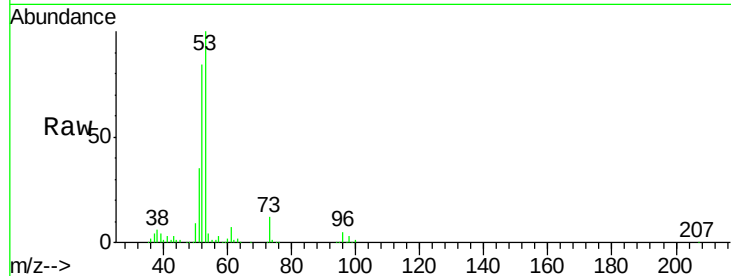
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 53 Resp: 1322301

Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.6	100.0
51	36.4	29.8	44.8

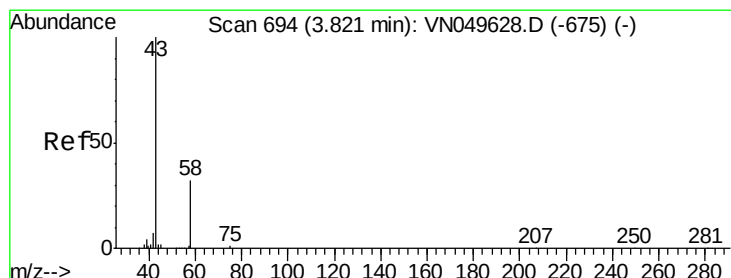
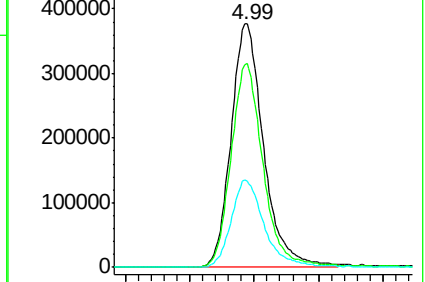
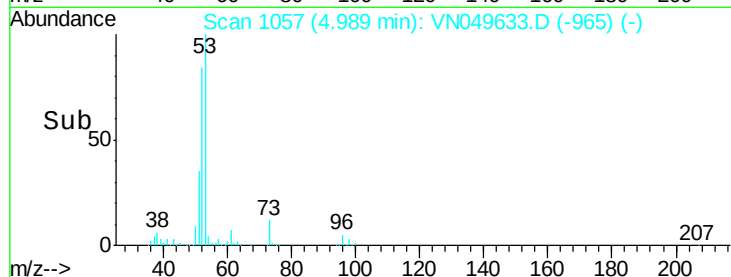


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 213.87 ug/l

RT: 3.82 min Scan# 692

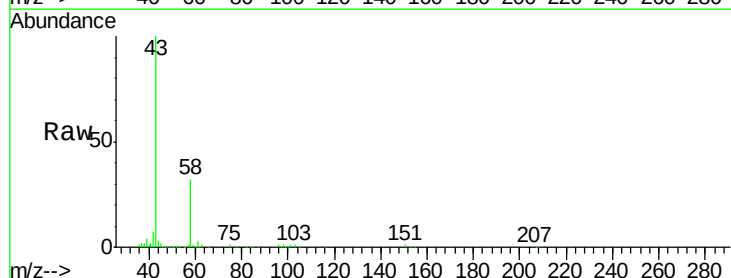
Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Tgt Ion: 43 Resp: 888164

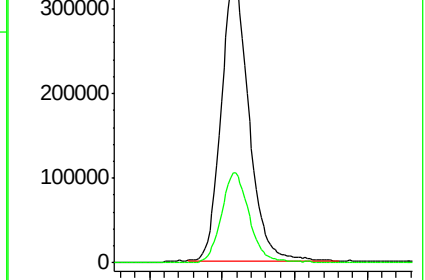
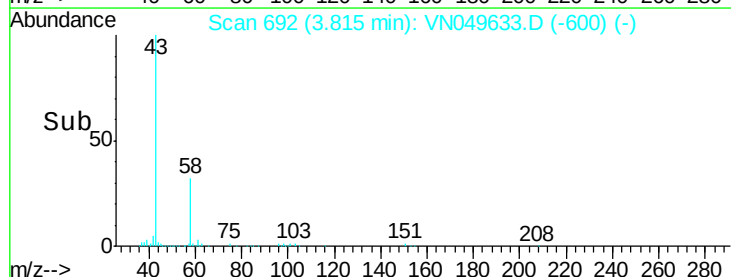
Ion	Ratio	Lower	Upper
43	100		
58	32.0	22.4	33.6

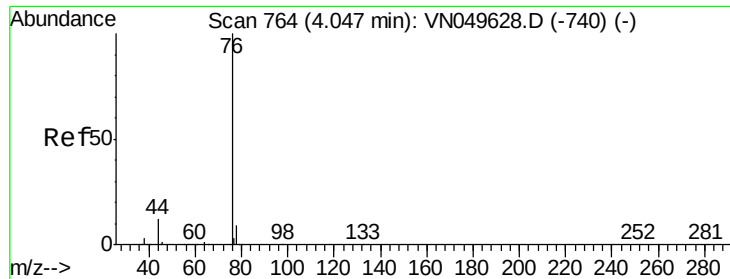


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 44.30 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

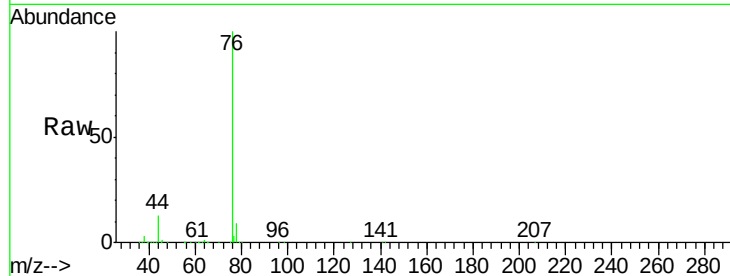
ClientSampled :

Tot Ion: 76 Resp: 2159774

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

800000

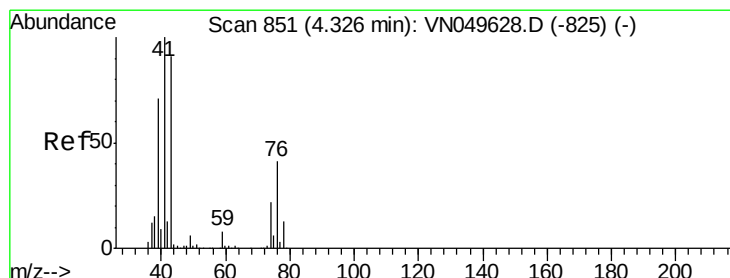
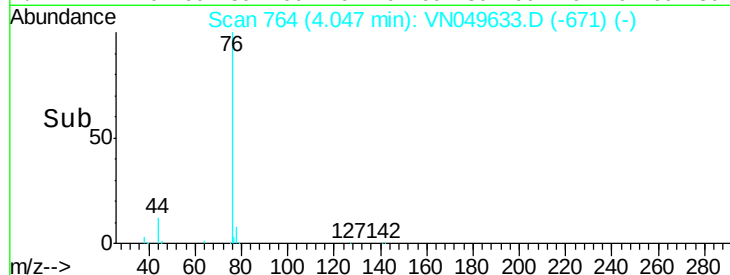
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 42.42 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN049633.D

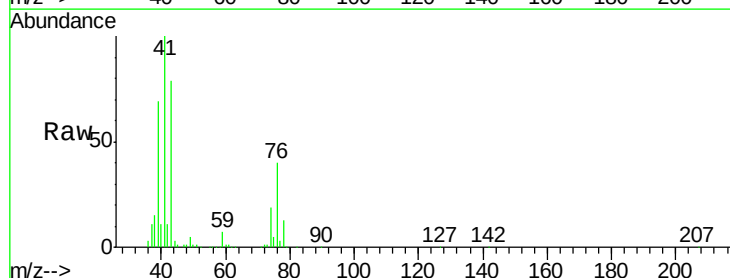
Acq: 29 Jun 2018 15:35

Tgt Ion: 43 Resp: 778887

Ion Ratio Lower Upper

43 100

74 24.6 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.32

300000

250000

200000

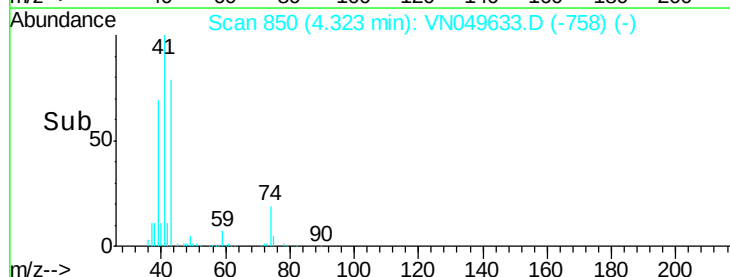
150000

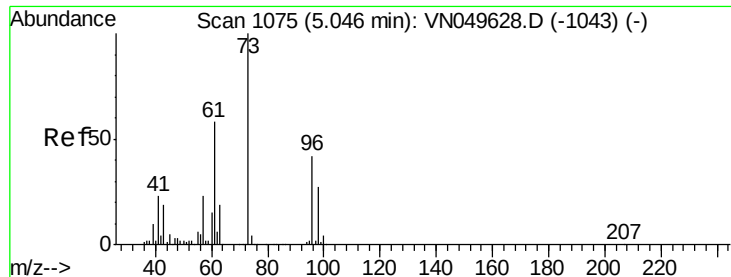
100000

50000

0

Time-->

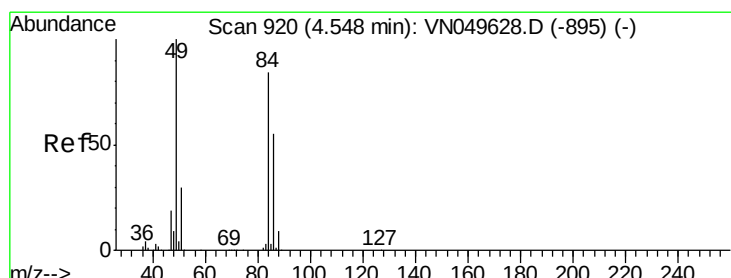
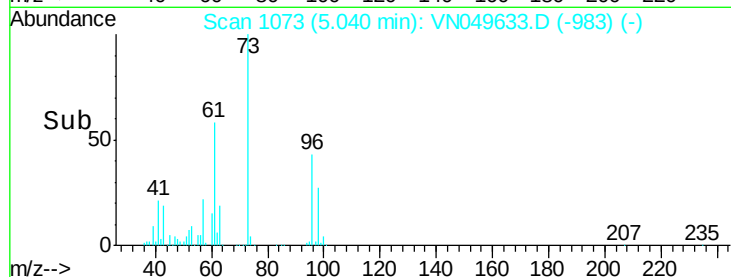
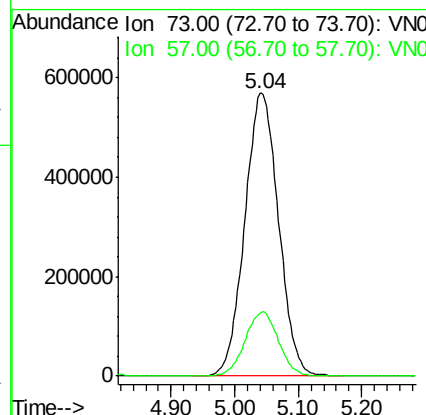
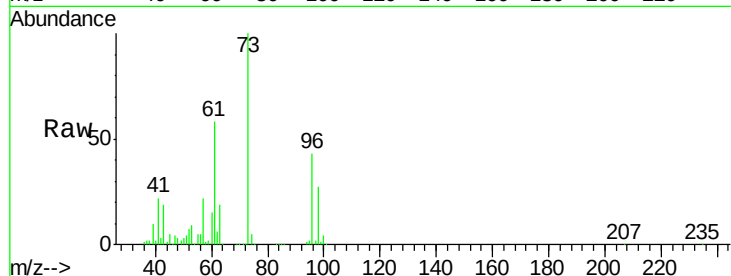




#19
Methyl tert-butyl Ether
Concen: 46.01 ug/l
RT: 5.04 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

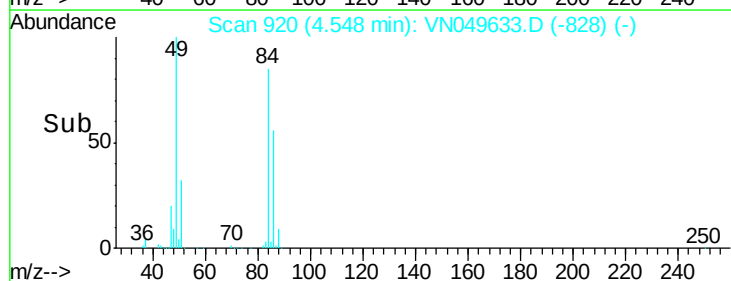
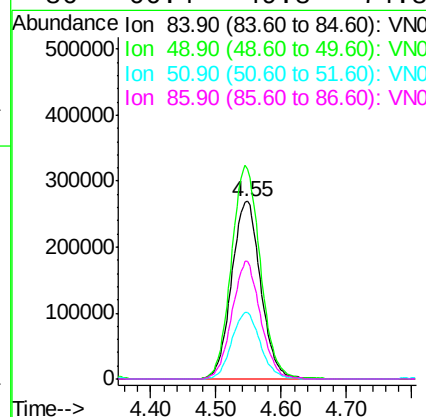
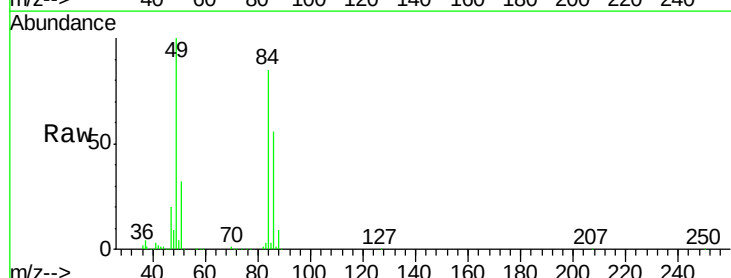
Instrument :
MSVOA_N
ClientSampled :

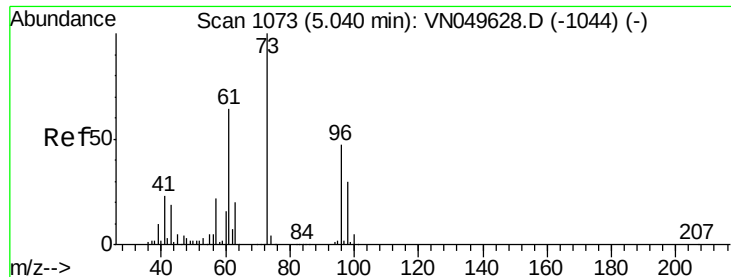
Tot Ion: 73 Resp: 2098980
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.4



#20
Methylene Chloride
Concen: 40.79 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion: 84 Resp: 835669
Ion Ratio Lower Upper
84 100
49 118.2 106.9 160.3
51 37.4 32.7 49.1
86 66.4 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 43.70 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

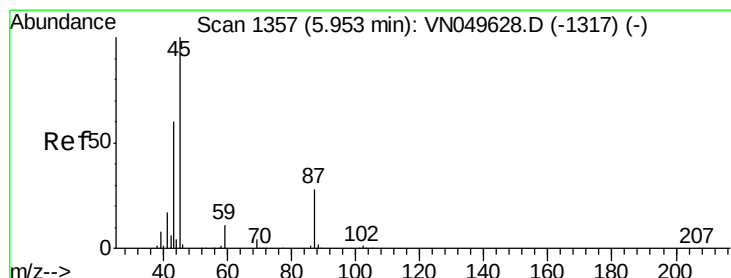
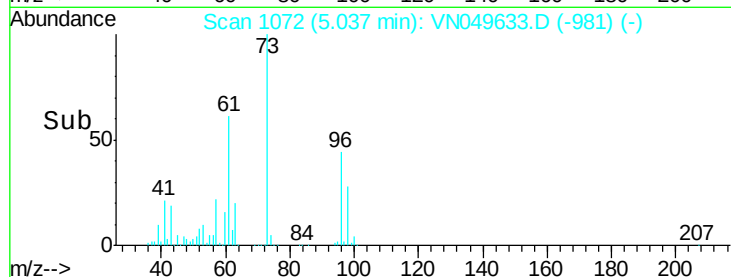
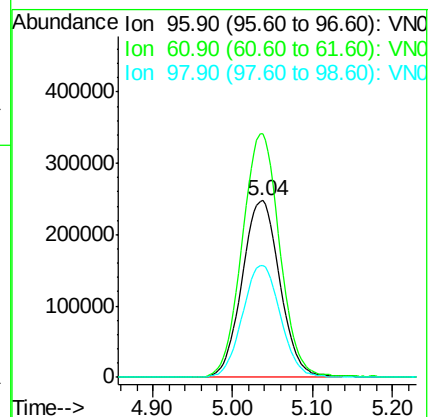
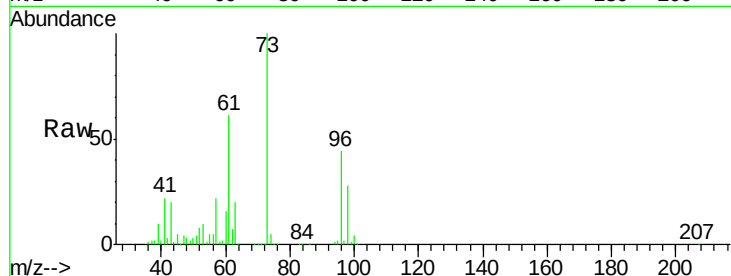
Tot Ion: 96 Resp: 795789

Ion Ratio Lower Upper

96 100

61 137.7 121.3 181.9

98 63.5 52.0 78.0



#22

Diisopropyl ether

Concen: 45.62 ug/l

RT: 5.95 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Tgt Ion: 45 Resp: 2508655

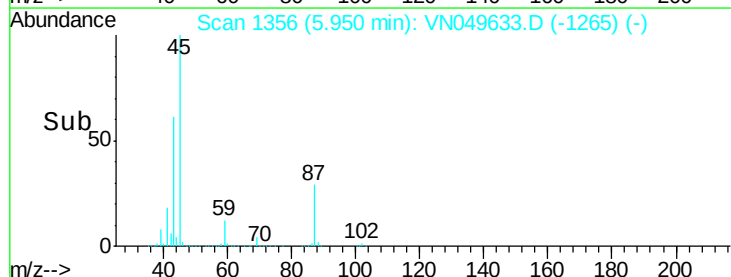
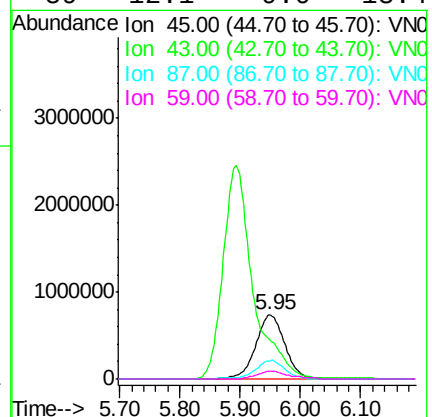
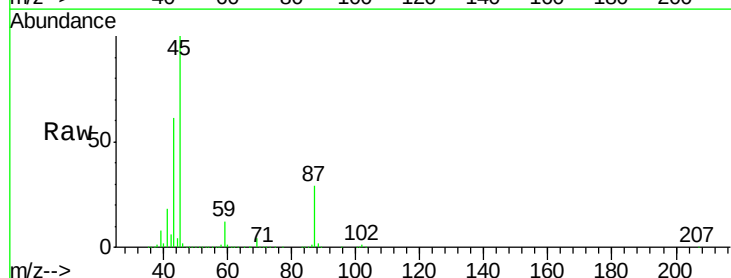
Ion Ratio Lower Upper

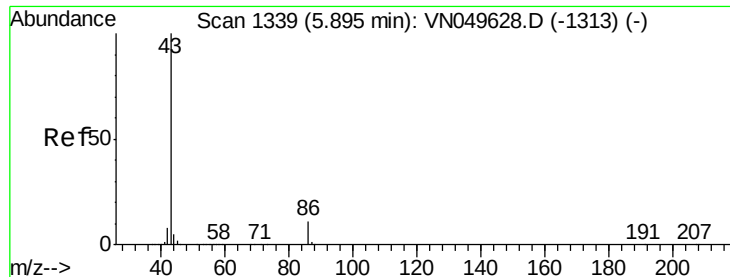
45 100

43 60.4 48.6 72.8

87 28.6 20.2 30.2

59 12.1 9.0 13.4





#23

Vinyl Acetate

Concen: 237.52 ug/l

RT: 5.89 min Scan# 1338

Delta R.T. -0.01 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

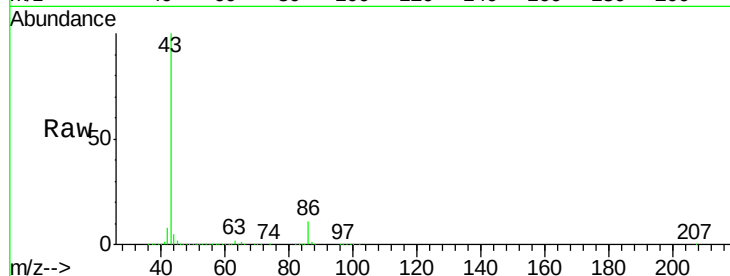
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 8470473

Ion Ratio Lower Upper

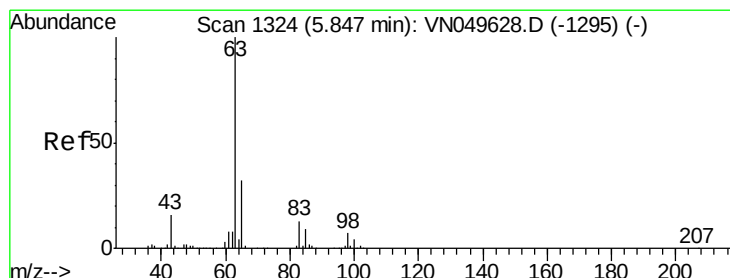
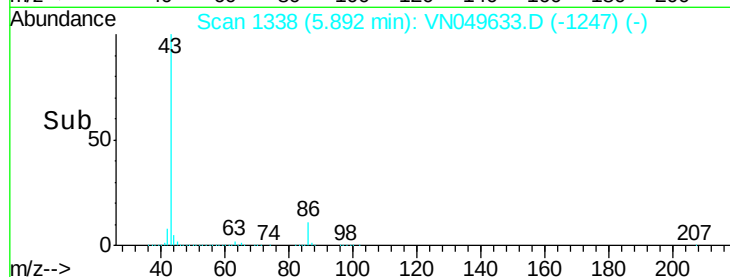
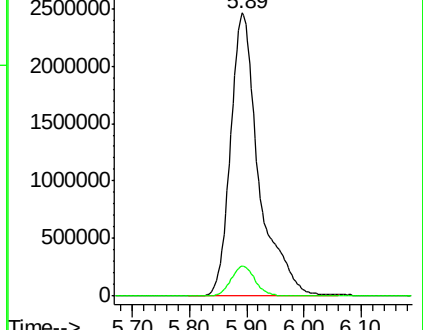
43 100

86 10.7 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-1313) (-)

Ion 86.00 (85.70 to 86.70): VN049628.D (-1313) (-)



#24

1,1-Dichloroethane

Concen: 43.21 ug/l

RT: 5.84 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

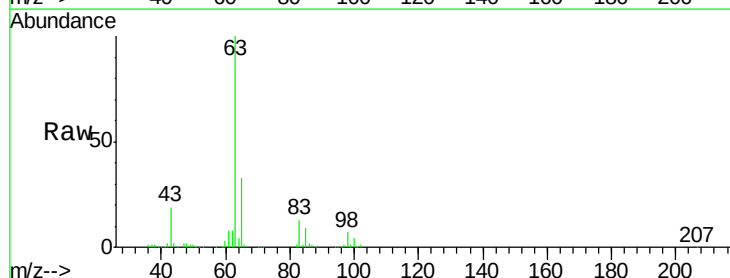
Tgt Ion: 63 Resp: 1496888

Ion Ratio Lower Upper

63 100

98 6.8 2.9 8.8

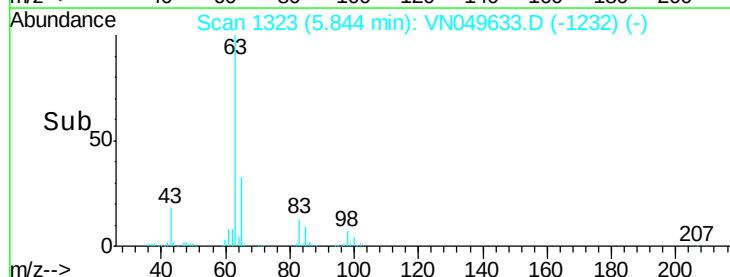
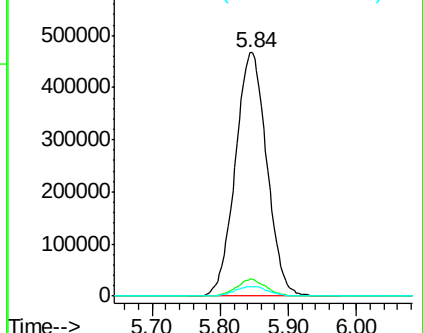
100 4.0 2.1 6.3

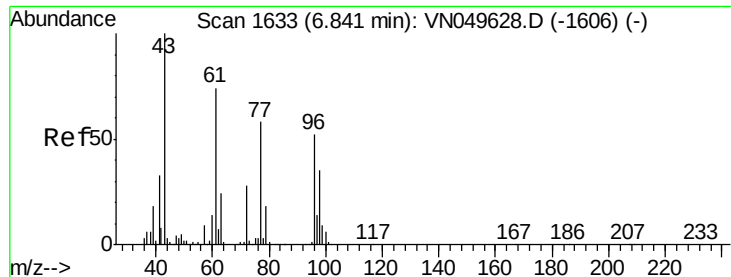


Abundance Ion 62.90 (62.60 to 63.60): VN049628.D (-1295) (-)

Ion 97.90 (97.60 to 98.60): VN049628.D (-1295) (-)

Ion 99.90 (99.60 to 100.60): VN049628.D (-1295) (-)





#25

2-Butanone

Concen: 225.46 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. -0.01 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

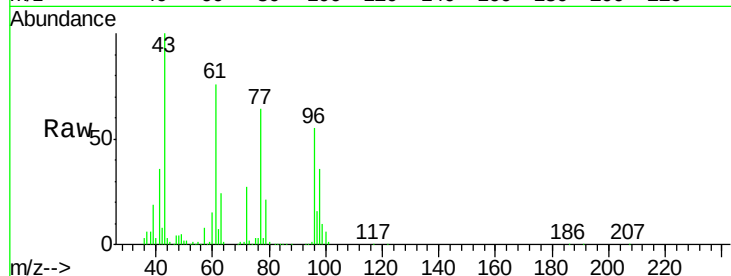
ClientSampled :

Tot Ion: 43 Resp: 1489174

Ion Ratio Lower Upper

43 100

72 27.1 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-1606) (-)

Ion 72.00 (71.70 to 72.70): VN049628.D (-1606) (-)

6.83

500000

400000

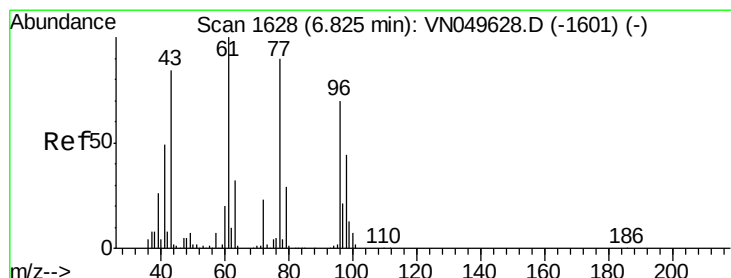
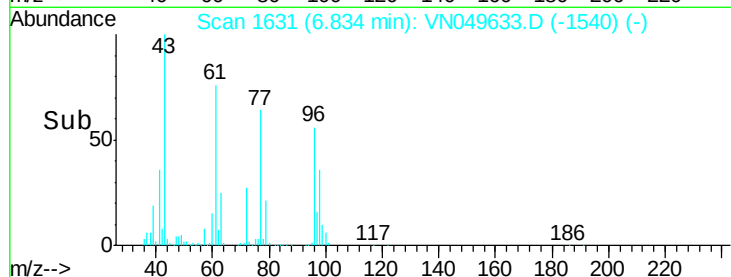
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 44.73 ug/l

RT: 6.82 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VN049633.D

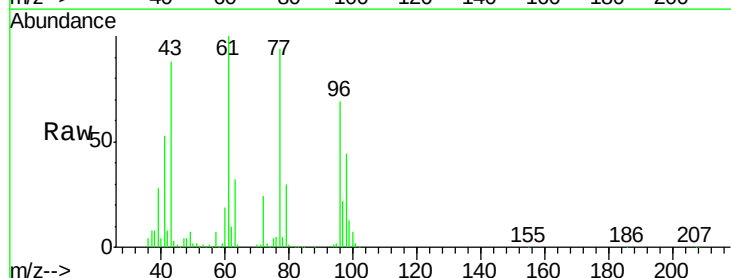
Acq: 29 Jun 2018 15:35

Tgt Ion: 77 Resp: 1287022

Ion Ratio Lower Upper

77 100

97 23.8 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VN049628.D (-1601) (-)

Ion 96.90 (96.60 to 97.60): VN049628.D (-1601) (-)

6.82

400000

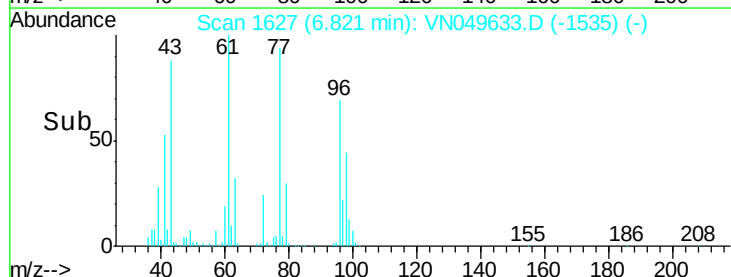
300000

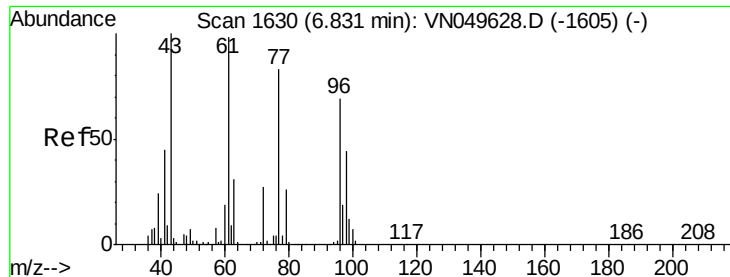
200000

100000

0

Time-->

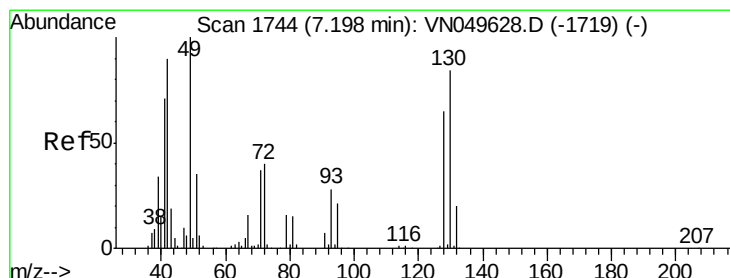
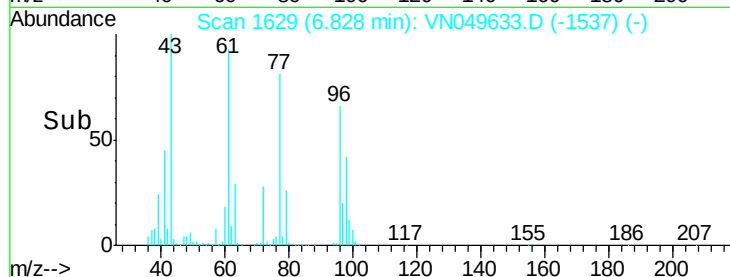
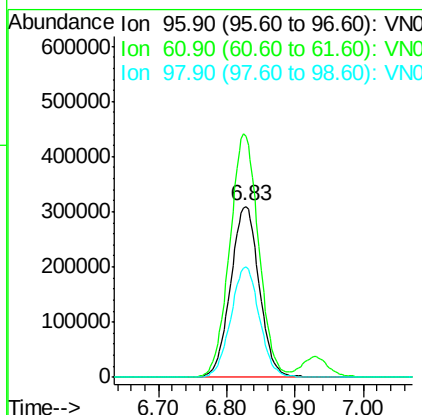
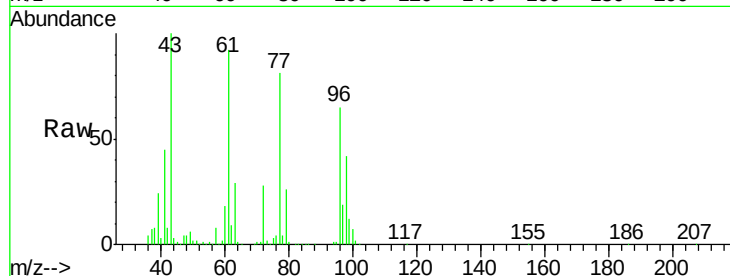




#27
 cis-1,2-Dichloroethene
 Concen: 44.58 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

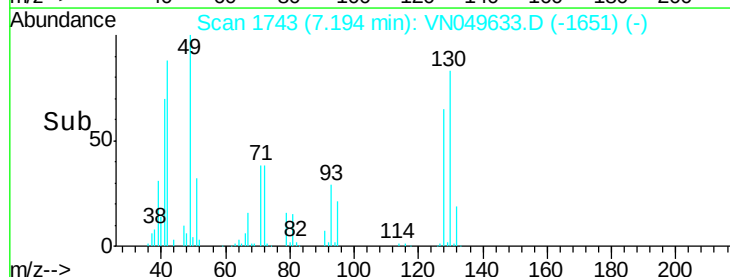
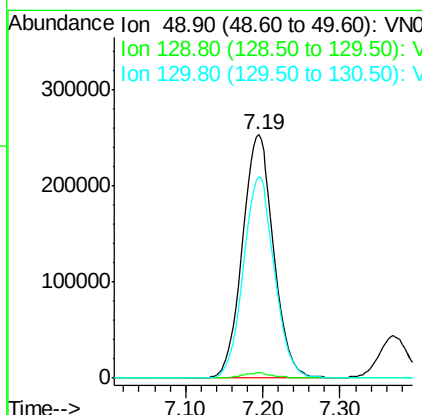
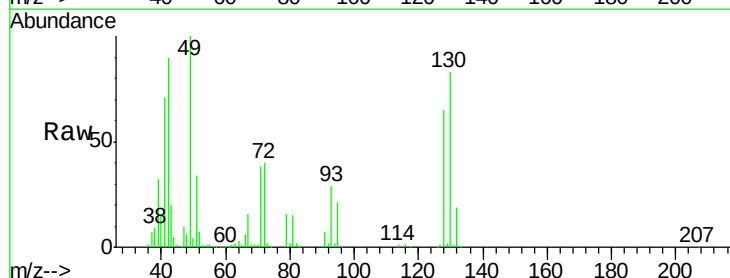
Instrument :
 MSVOA_N
 ClientSampled :

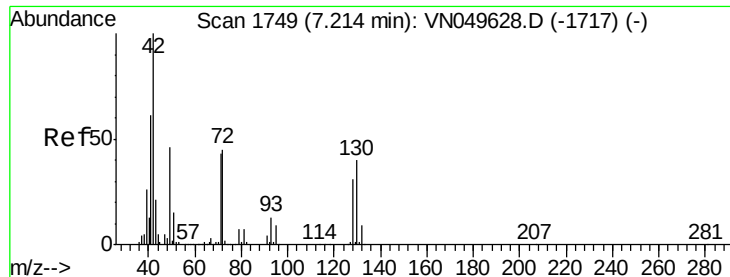
Tot Ion	96	Resp	906909
Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	316.4
98	64.5	0.0	128.4



#28
 Bromochloromethane
 Concen: 48.37 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion	49	Resp	711173
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	82.4	54.9	82.3#

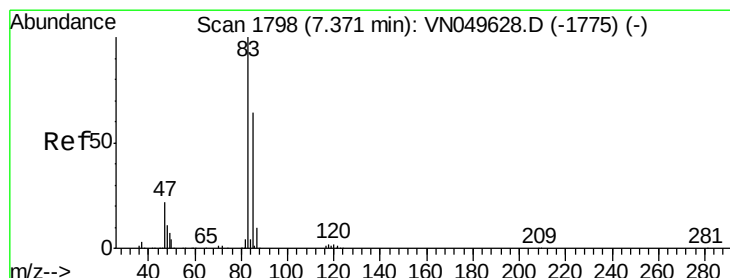
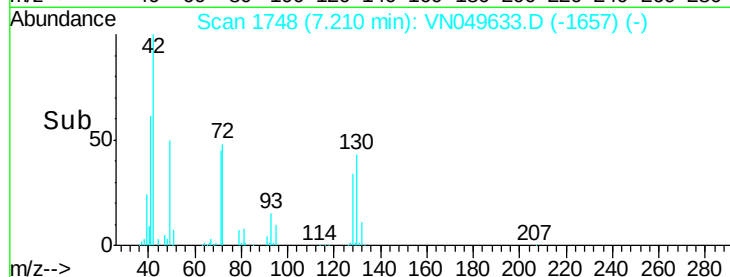
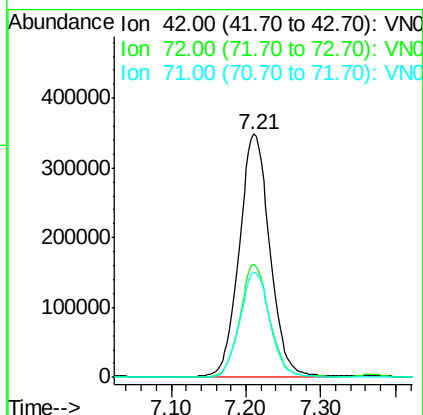
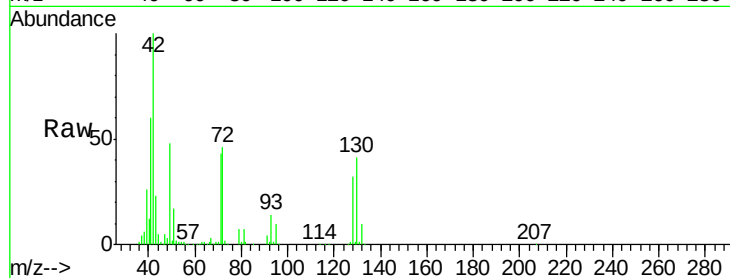




#29
Tetrahydrofuran
Concen: 234.90 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. -0.01 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

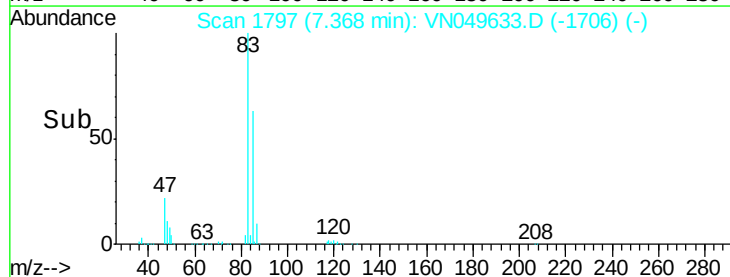
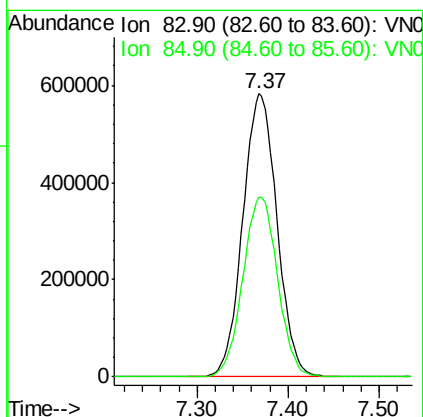
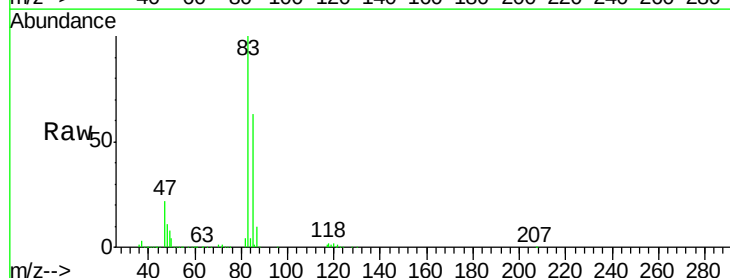
Instrument :
MSVOA_N
ClientSampled :

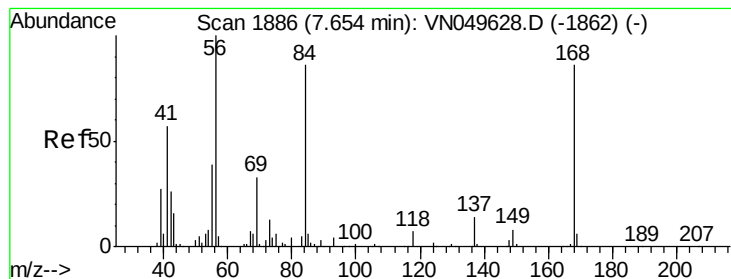
Tot Ion: 42 Resp: 988921
Ion Ratio Lower Upper
42 100
72 45.3 32.2 48.4
71 42.7 30.5 45.7



#30
Chloroform
Concen: 43.04 ug/l
RT: 7.37 min Scan# 1797
Delta R.T. -0.01 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion: 83 Resp: 1520067
Ion Ratio Lower Upper
83 100
85 63.5 51.7 77.5





#31

Cyclohexane

Concen: 45.26 ug/l

RT: 7.65 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :
MSVOA_N
ClientSampled :

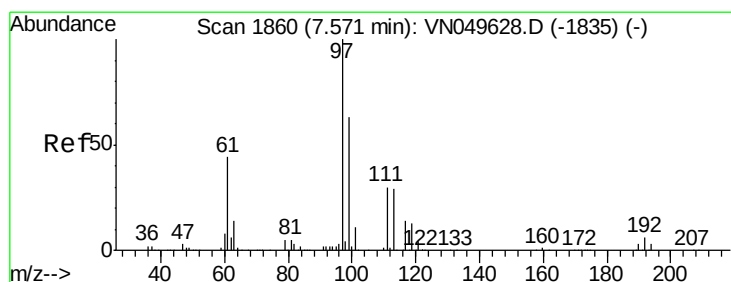
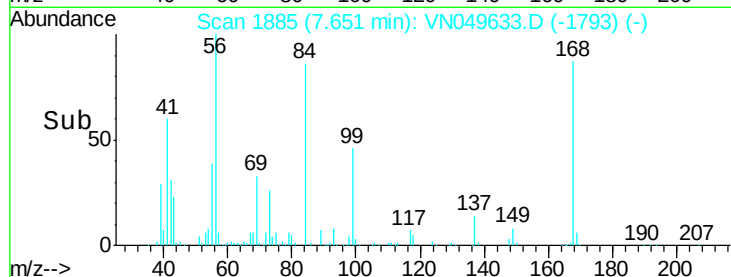
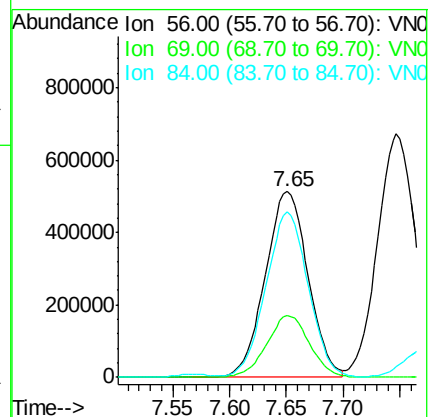
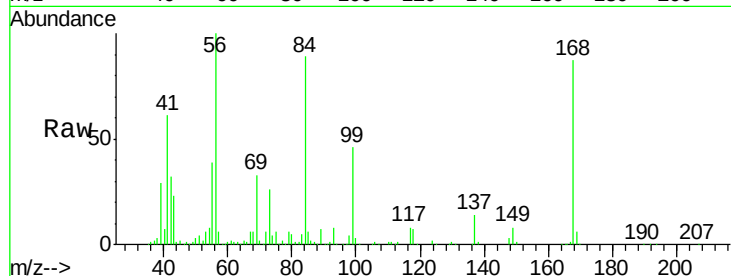
Tot Ion: 56 Resp: 1346244

Ion Ratio Lower Upper

56 100

69 33.4 25.0 37.4

84 87.6 64.6 96.8



#32

1,1,1-Trichloroethane

Concen: 44.08 ug/l

RT: 7.57 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

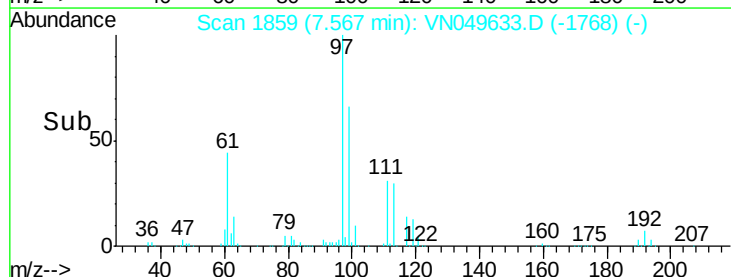
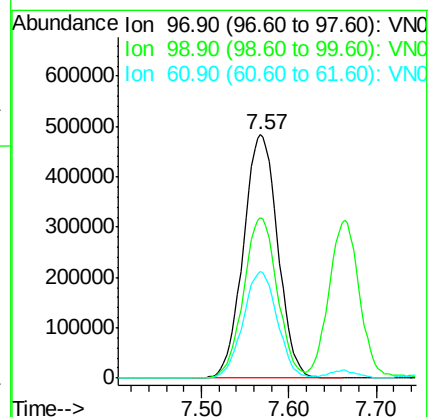
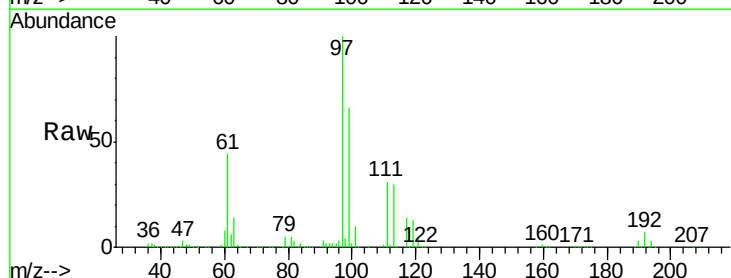
Tgt Ion: 97 Resp: 1317892

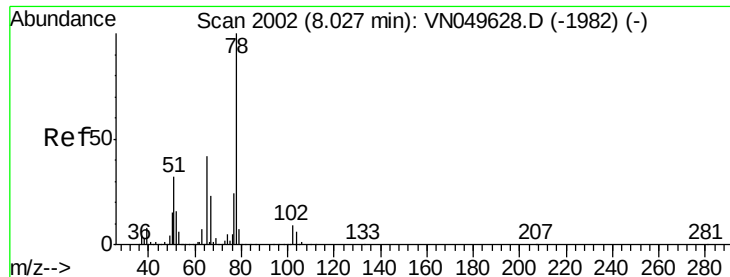
Ion Ratio Lower Upper

97 100

99 64.4 50.5 75.7

61 43.5 37.9 56.9

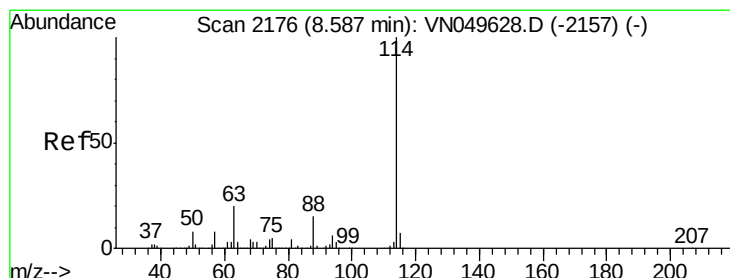
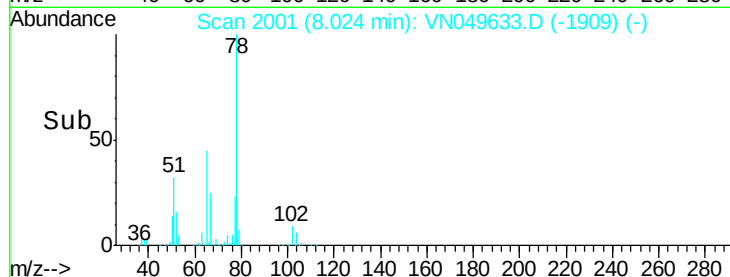
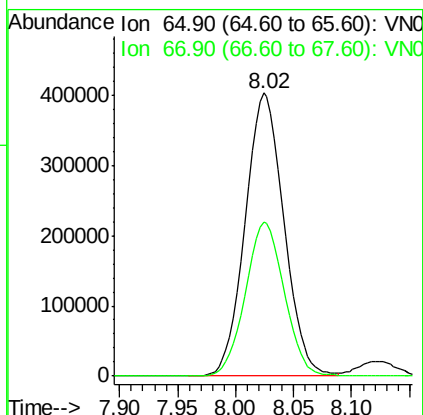
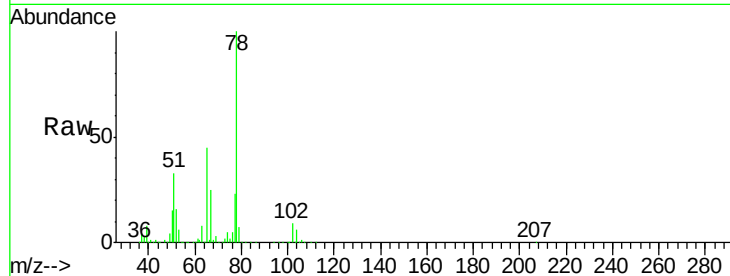




#33
 1,2-Dichloroethane-d4
 Concen: 47.19 ug/l
 RT: 8.02 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

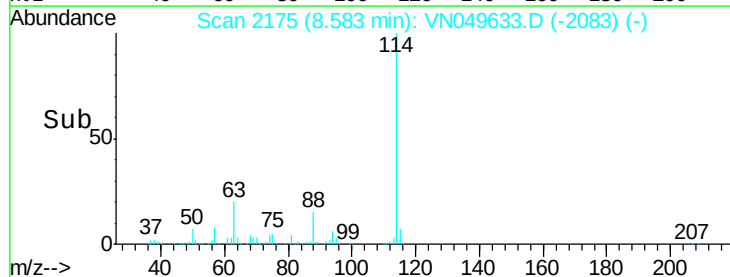
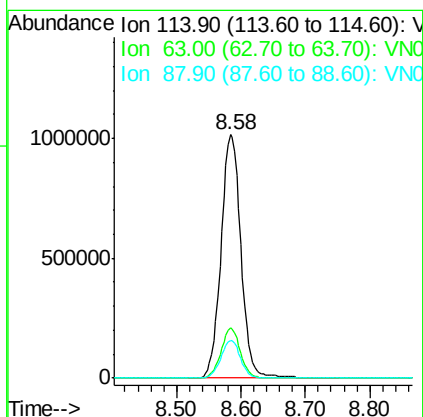
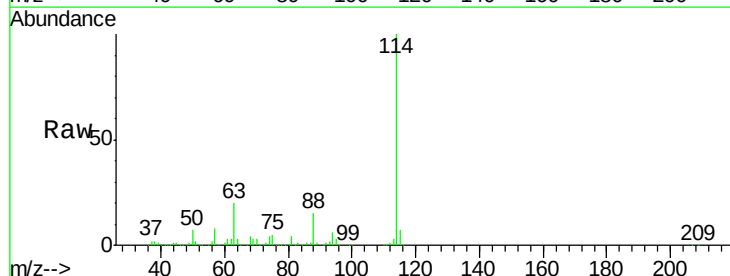
Instrument :
 MSVOA_N
 ClientSampleId :

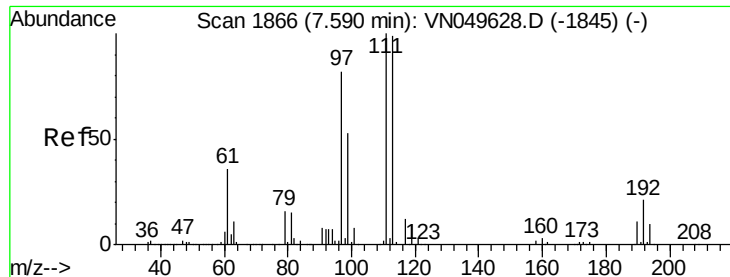
Tot Ion: 65 Resp: 938864
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.58 min Scan# 2175
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion: 114 Resp: 2170715
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 44.4
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.84 ug/l

RT: 7.59 min Scan# 1865

Delta R.T. -0.01 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :
MSVOA_N
ClientSampled :

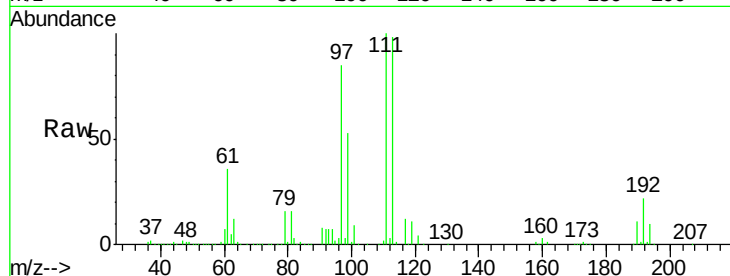
Tot Ion:113 Resp: 808766

Ion Ratio Lower Upper

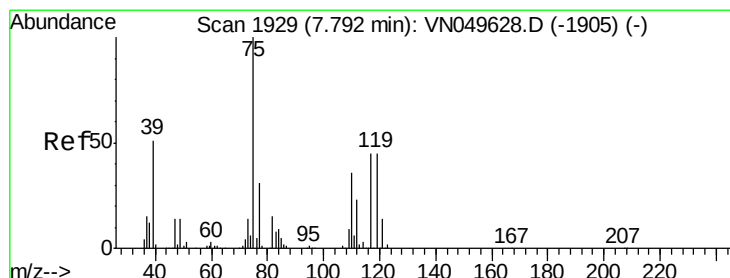
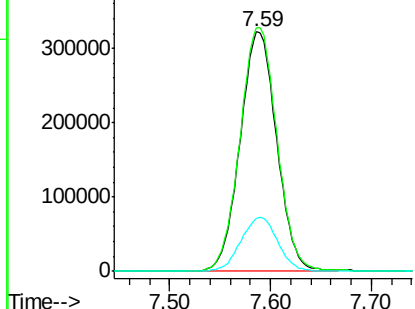
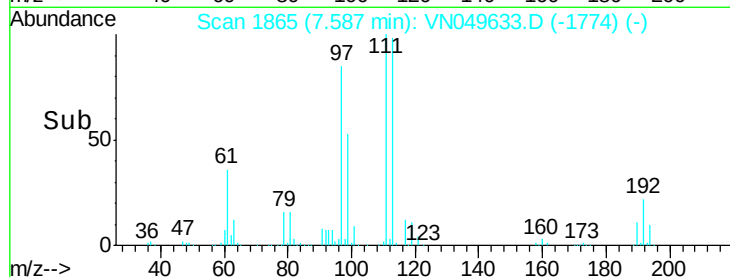
113 100

111 103.4 82.4 123.6

192 22.7 15.0 22.6#



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



#36

1,1-Dichloropropene

Concen: 47.64 ug/l

RT: 7.79 min Scan# 1928

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

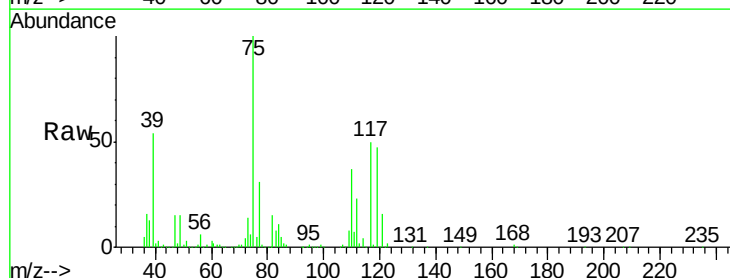
Tgt Ion: 75 Resp: 1163463

Ion Ratio Lower Upper

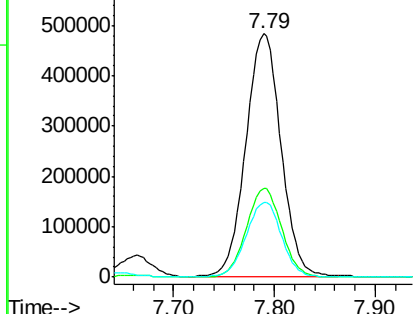
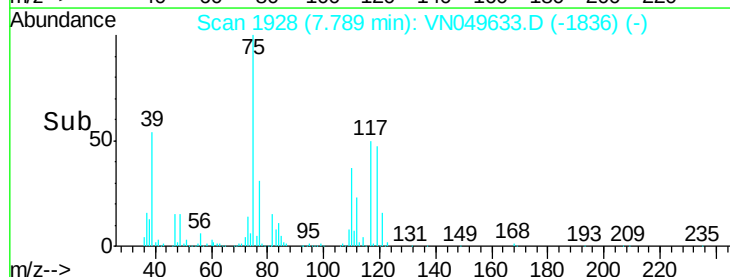
75 100

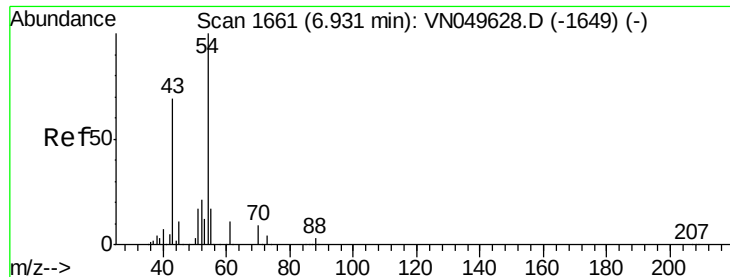
110 36.7 17.0 50.9

77 31.1 24.4 36.6



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

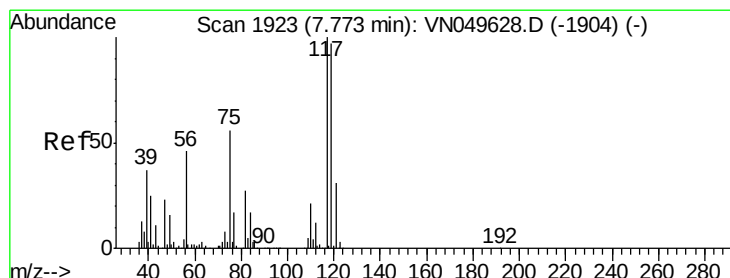
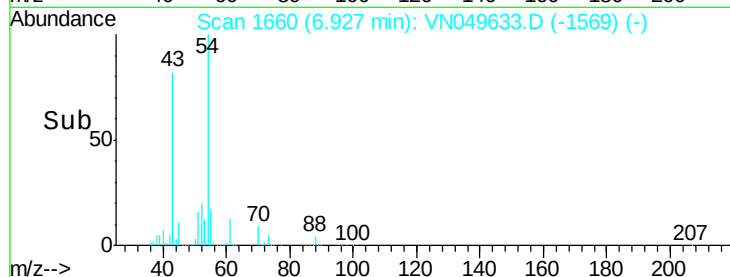
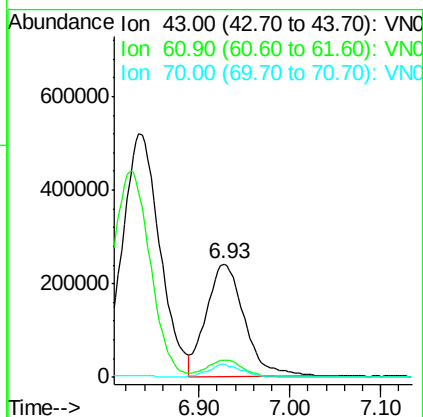
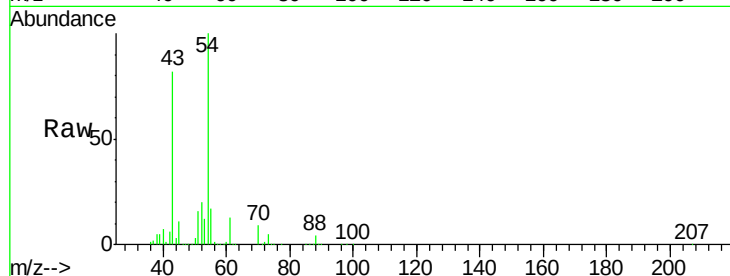




#37
Ethyl Acetate
Concen: 49.08 ug/l
RT: 6.93 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

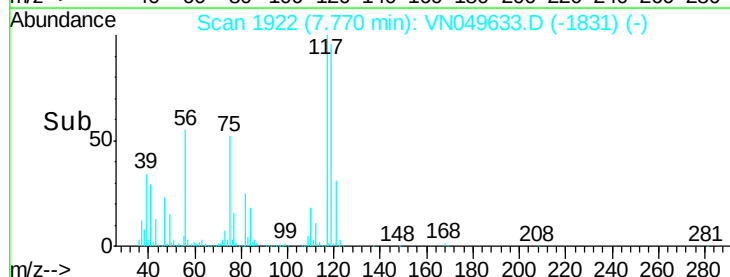
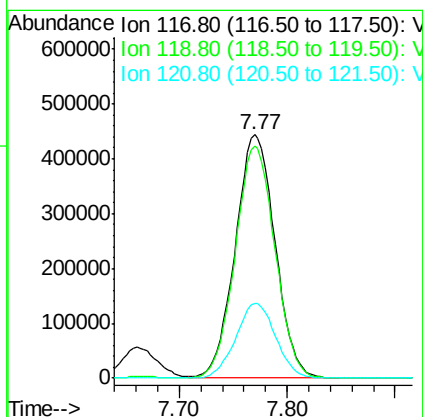
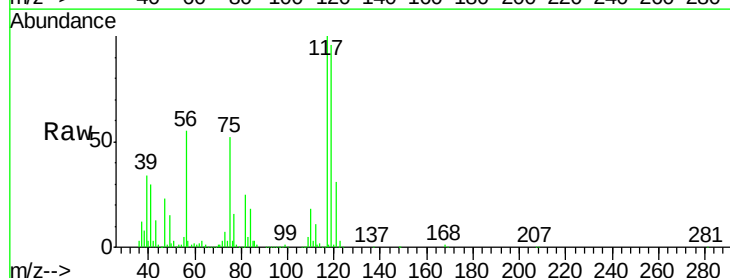
Instrument :
MSVOA_N
ClientSampled :

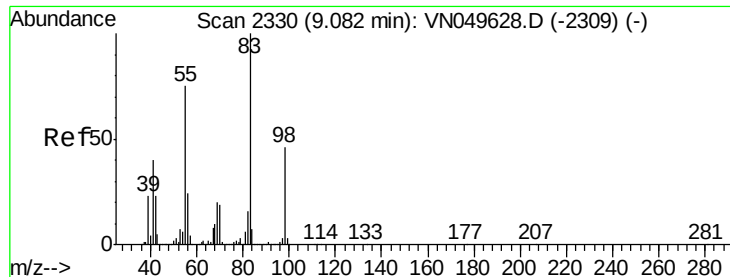
Tot Ion: 43 Resp: 699146
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 10.3 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.89 ug/l
RT: 7.77 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion: 117 Resp: 1137720
Ion Ratio Lower Upper
117 100
119 95.5 75.6 113.4
121 30.9 24.7 37.1

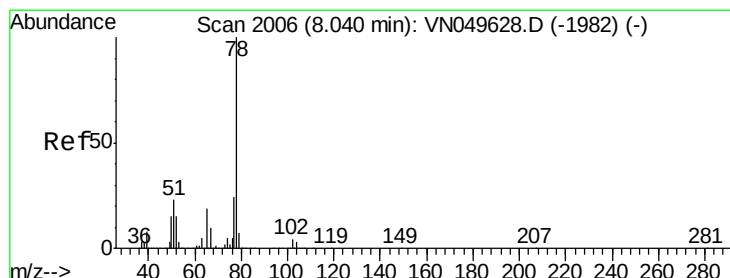
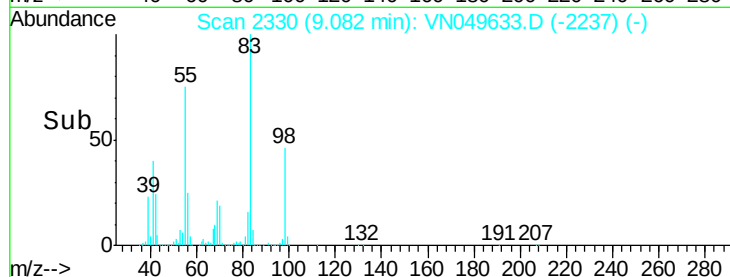
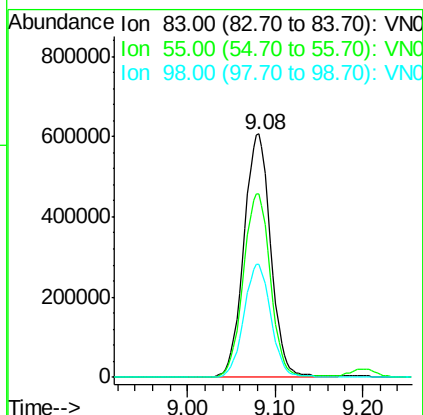
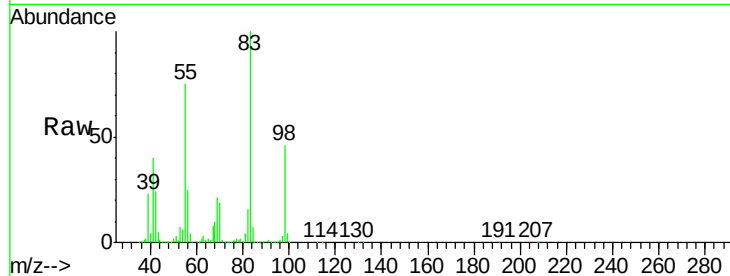




#39
Methylvlcyclohexane
Concen: 48.40 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

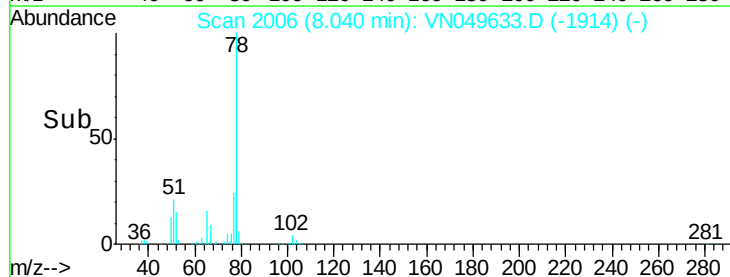
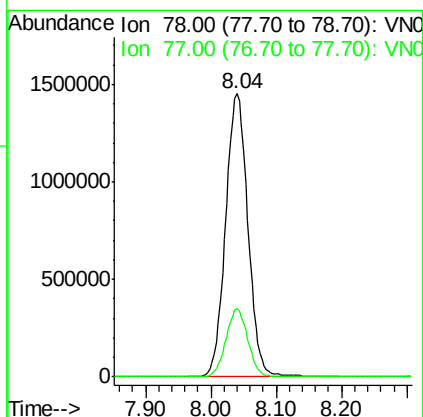
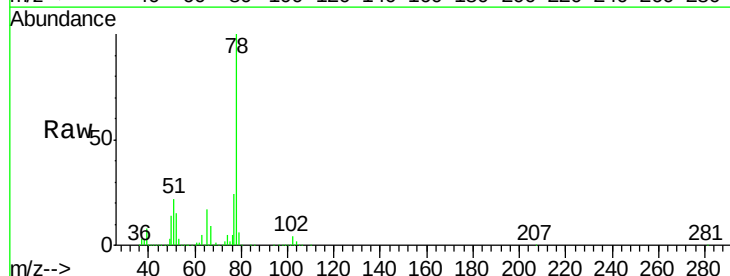
Instrument :
MSVOA_N
ClientSampleId :

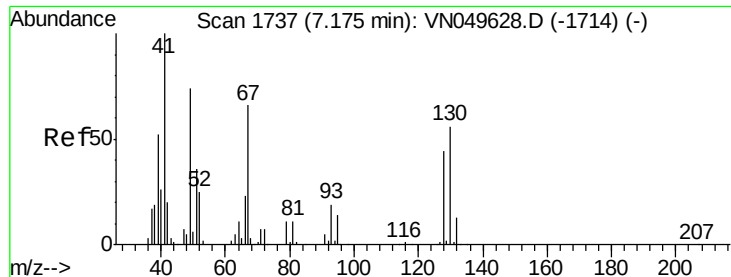
Tot Ion: 83 Resp: 1295879
Ion Ratio Lower Upper
83 100
55 75.1 65.1 97.7
98 46.2 36.5 54.7



#40
Benzene
Concen: 46.07 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion: 78 Resp: 3435424
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0

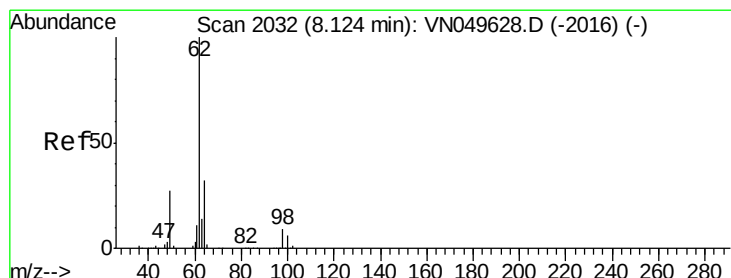
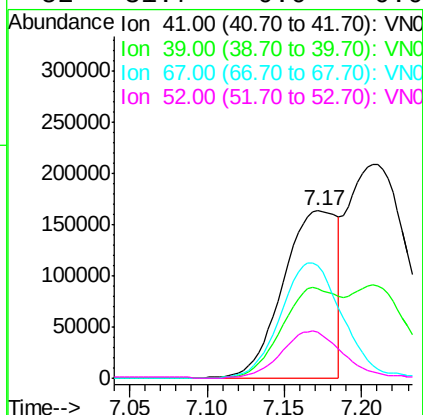
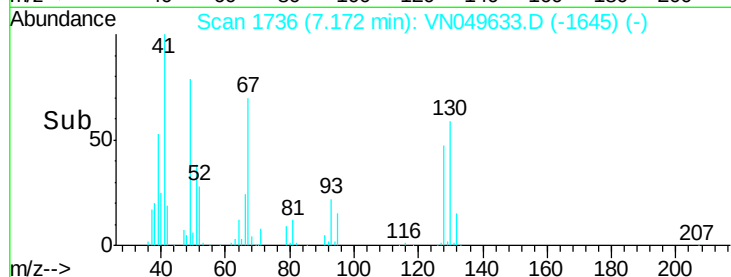
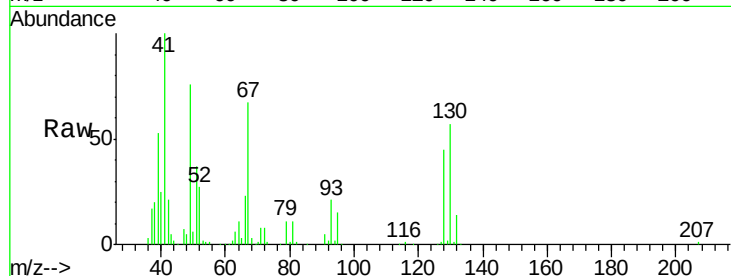




#41
Methacrylonitrile
Concen: 51.63 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

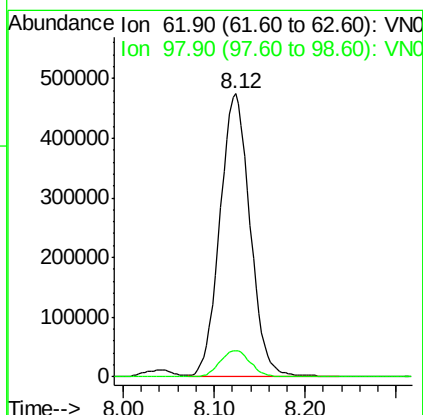
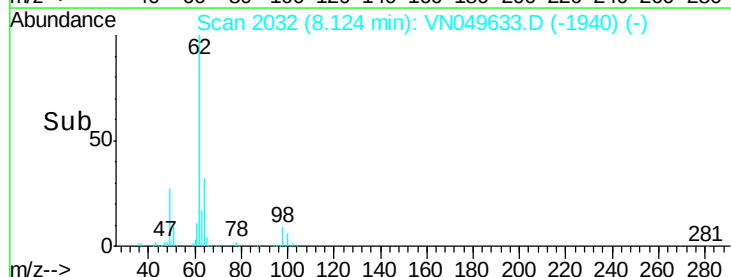
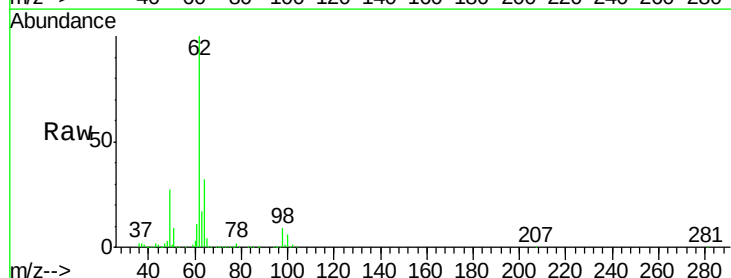
Instrument :
MSVOA_N
ClientSampled :

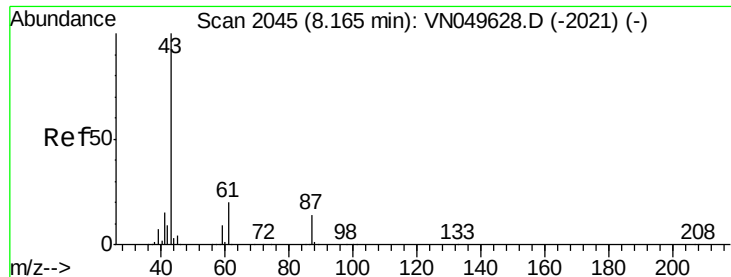
Tot Ion: 41 Resp: 392604
Ion Ratio Lower Upper
41 100
39 57.5 0.0 0.0#
67 79.9 0.0 0.0#
52 31.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 45.82 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion: 62 Resp: 1090391
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.2





#43

Isopropyl Acetate

Concen: 47.11 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

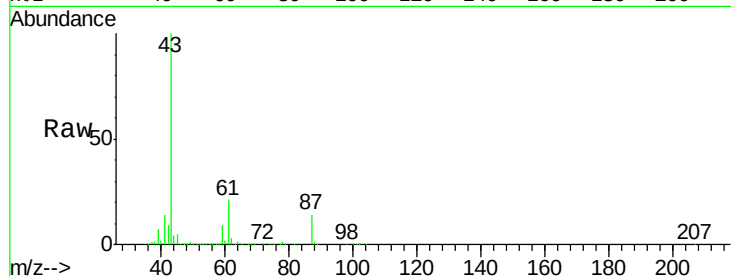
Instrument :

MSVOA_N

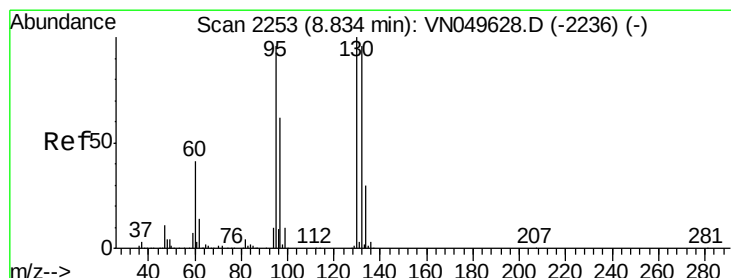
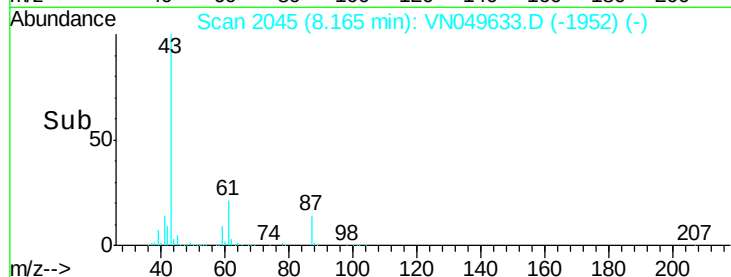
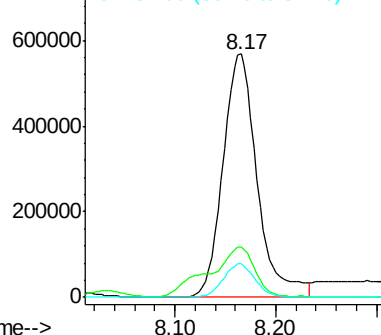
ClientSampleId :

Tot Ion: 43 Resp: 1333347

Ion	Ratio	Lower	Upper
43	100		
61	27.3	14.2	21.4#
87	12.8	9.4	14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-2021) (-)



#44

Trichloroethene

Concen: 44.15 ug/l

RT: 8.83 min Scan# 2253

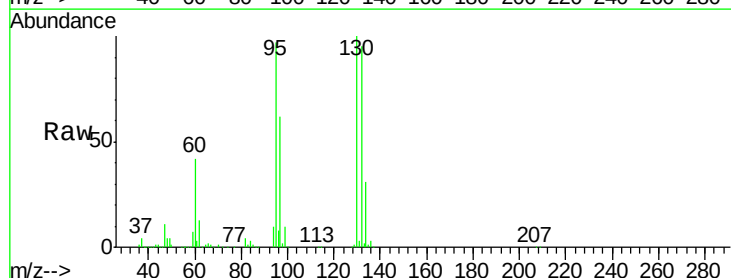
Delta R.T. -0.00 min

Lab File: VN049633.D

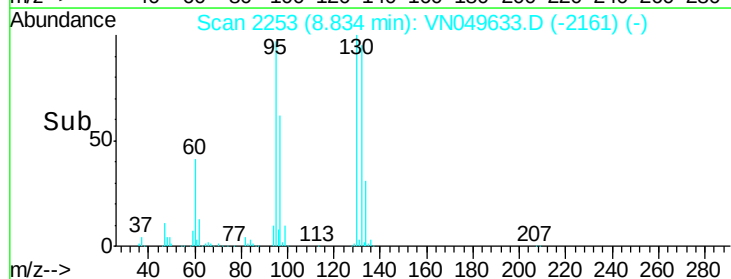
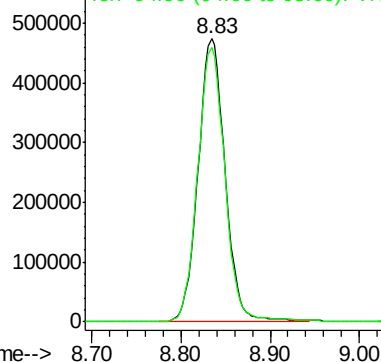
Acq: 29 Jun 2018 15:35

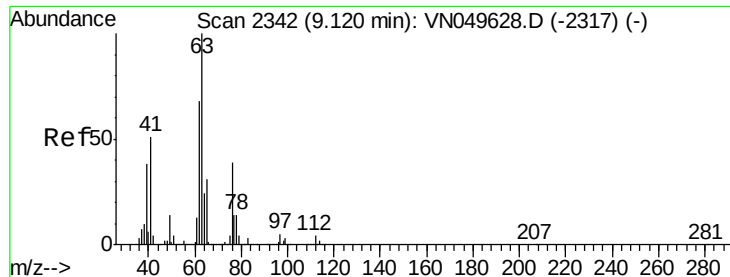
Tgt Ion:130 Resp: 992853

Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049628.D (-2236) (-)

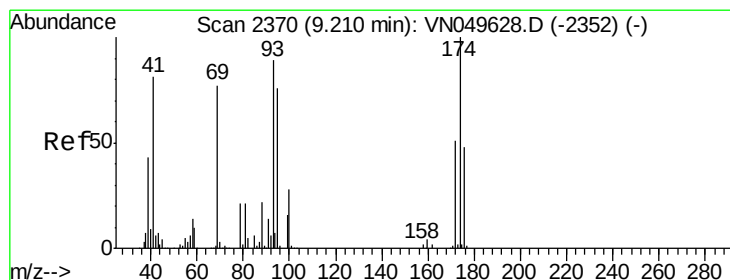
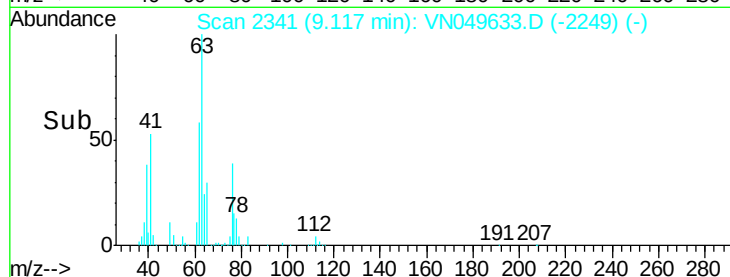
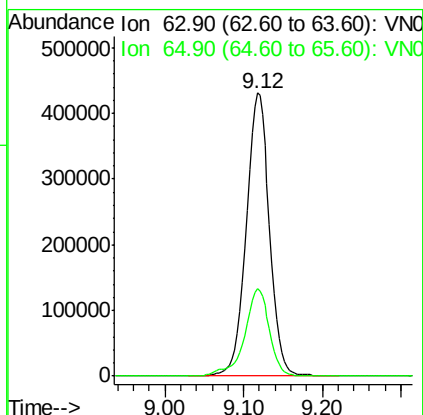
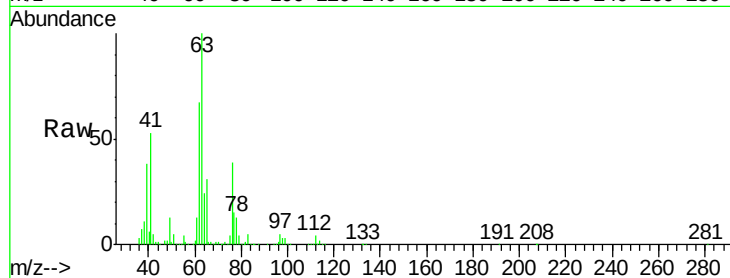




#45
 1,2-Dichloropropane
 Concen: 46.78 ug/l
 RT: 9.12 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

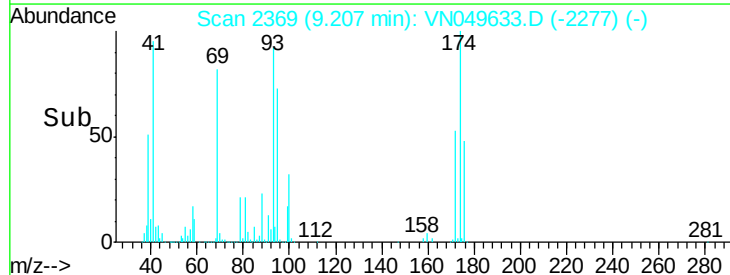
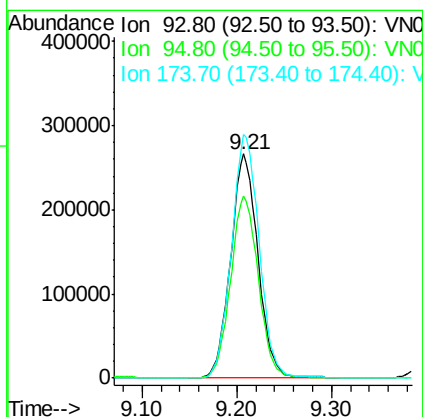
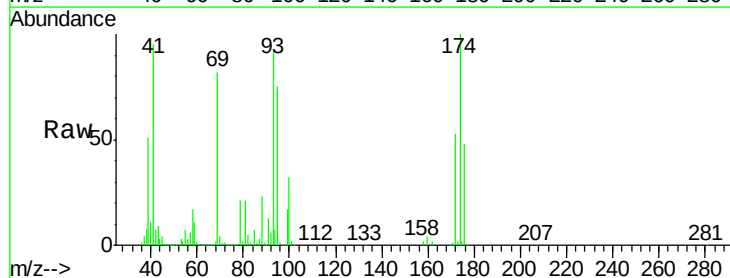
Instrument :
 MSVOA_N
 ClientSampleId :

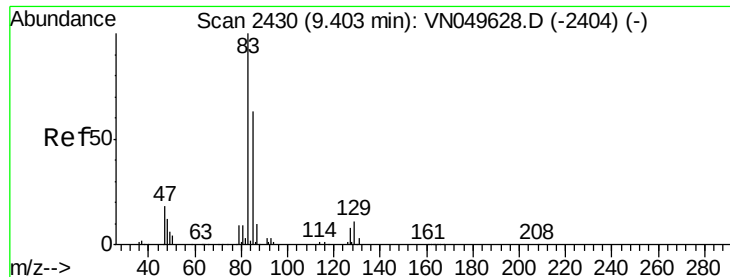
Tot Ion: 63 Resp: 901232
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.8 37.2



#46
 Dibromomethane
 Concen: 45.95 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion: 93 Resp: 535552
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.2 100.8
 174 109.6 75.6 113.4





#47

Bromodichloromethane

Concen: 46.66 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :
MSVOA_N
ClientSampleId :

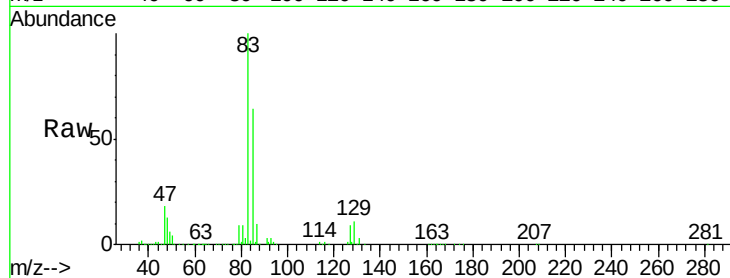
Tot Ion: 83 Resp: 1157776

Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.4	74.0
127	8.6	6.3	9.5

83 100

85 64.3 49.4 74.0

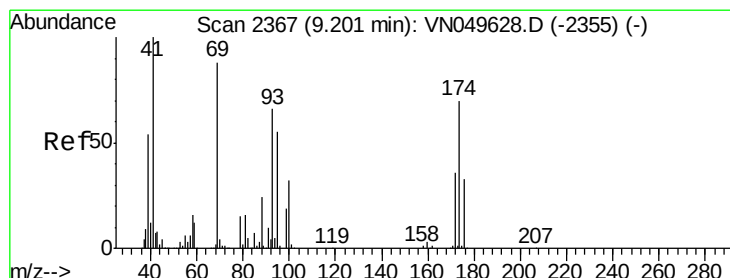
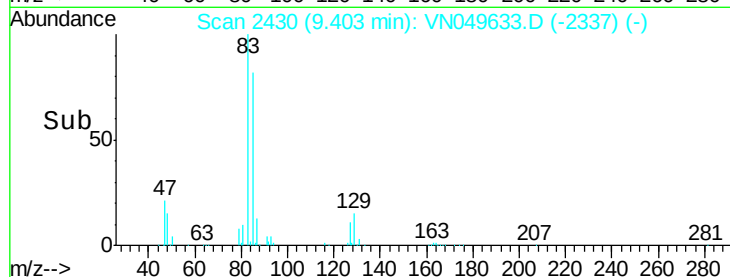
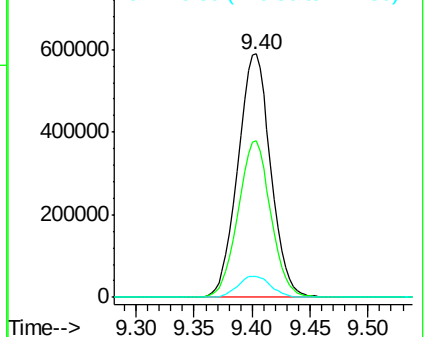
127 8.6 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049633.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049633.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049633.D (-2337) (-)



#48

Methyl methacrylate

Concen: 48.13 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

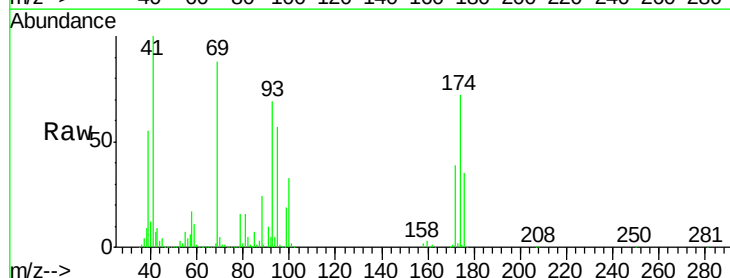
Tgt Ion: 41 Resp: 609208

Ion	Ratio	Lower	Upper
41	100		
69	92.4	62.0	93.0
39	57.5	50.6	75.8

41 100

69 92.4 62.0 93.0

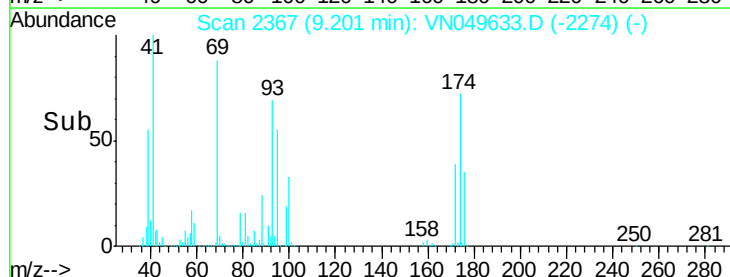
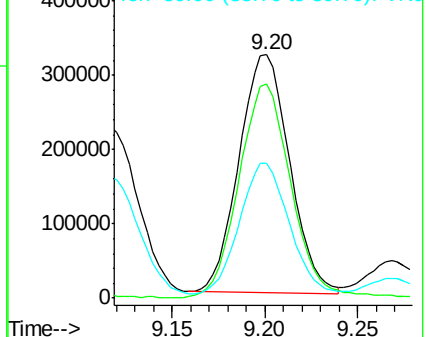
39 57.5 50.6 75.8

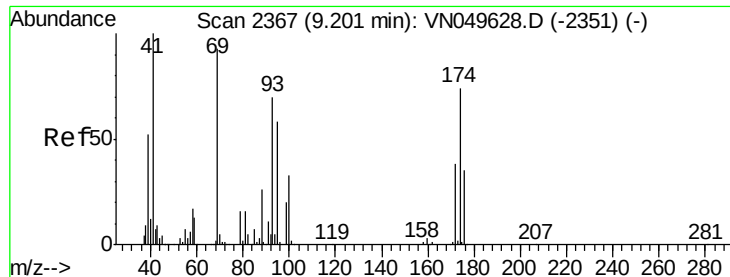


Abundance Ion 41.00 (40.70 to 41.70): VN049633.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049633.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049633.D (-2274) (-)





#49

1,4-Dioxane

Concen: 969.50 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :
MSVOA_N
ClientSampled :

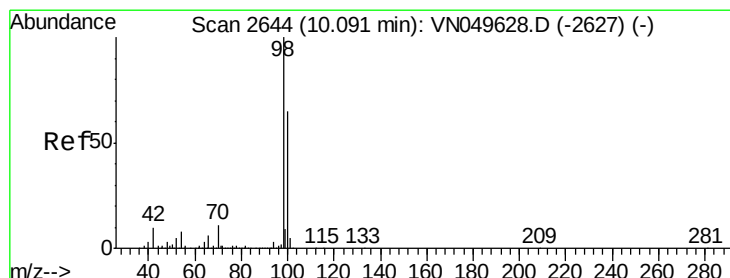
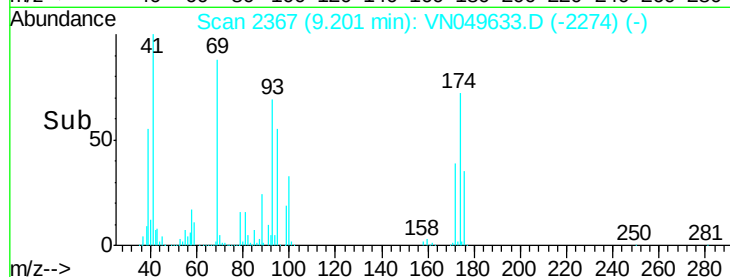
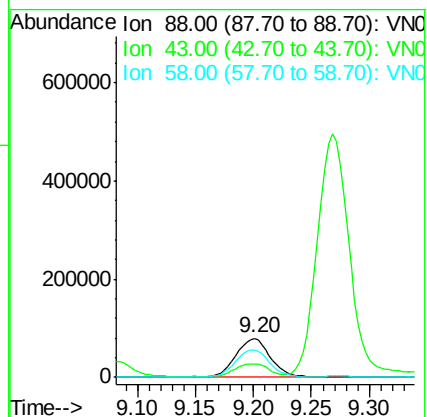
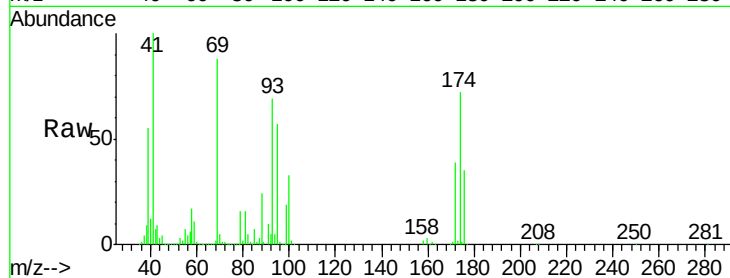
Tot Ion: 88 Resp: 164983

Ion Ratio Lower Upper

88 100

43 30.9 30.9 46.3

58 70.4 58.9 88.3



#50

Toluene-d8

Concen: 51.07 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049633.D

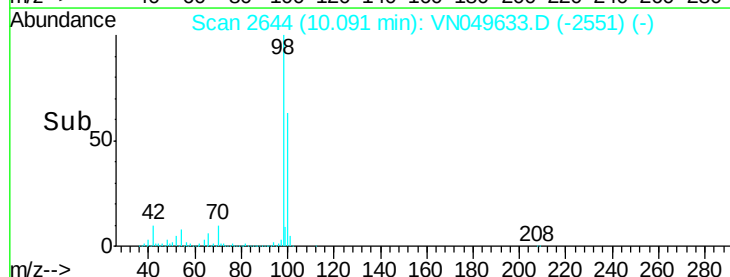
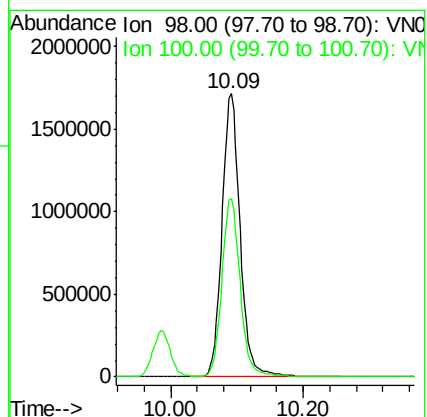
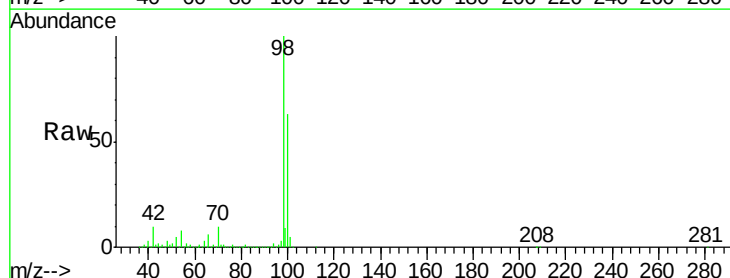
Acq: 29 Jun 2018 15:35

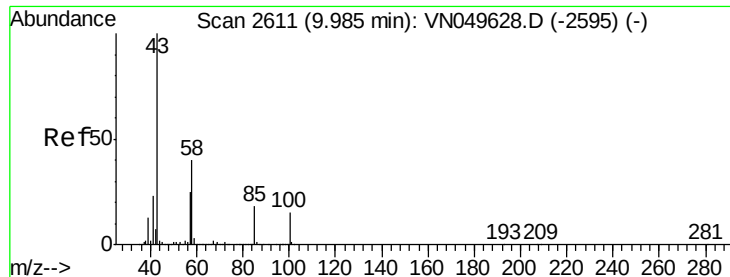
Tgt Ion: 98 Resp: 3243957

Ion Ratio Lower Upper

98 100

100 63.3 49.8 74.8

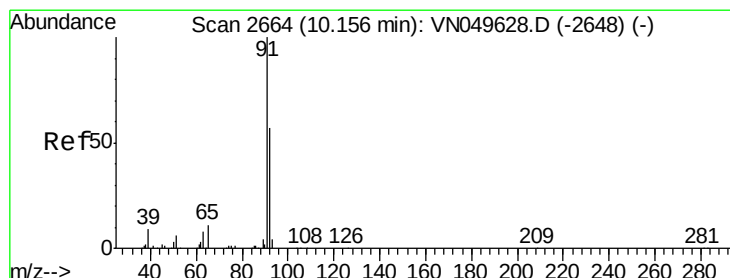
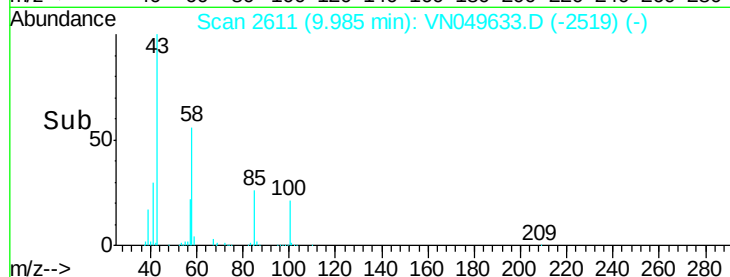
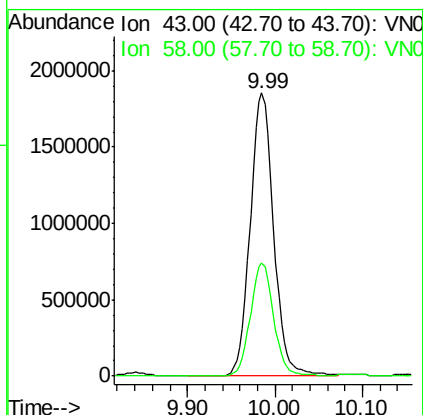
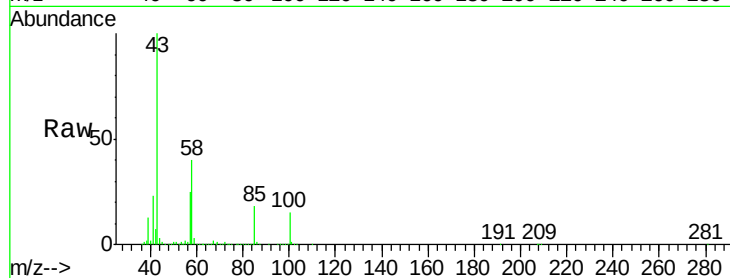




#51
 4-Methyl-2-Pentanone
 Concen: 246.72 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

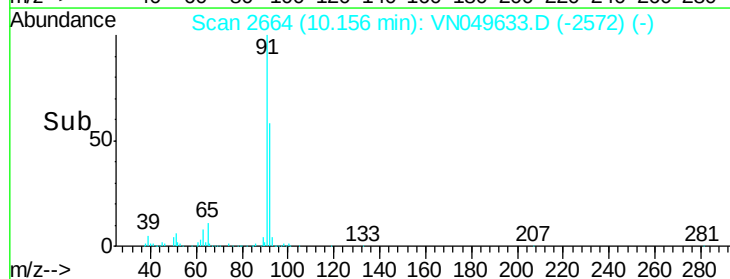
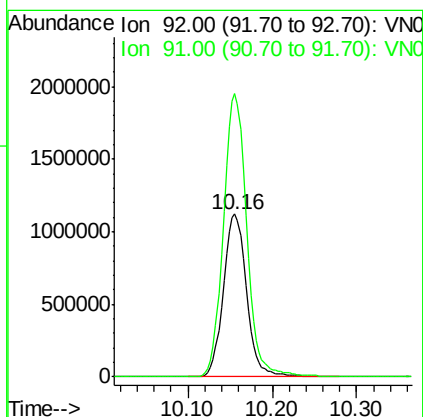
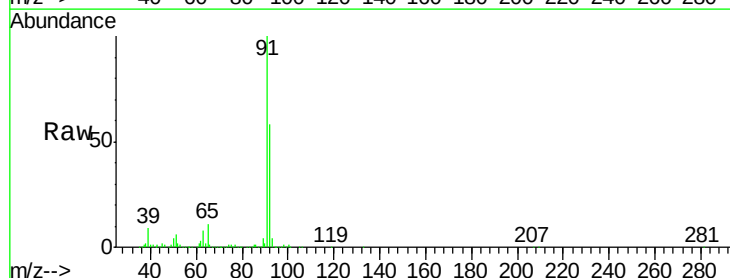
Instrument :
 MSVOA_N
 ClientSampled :

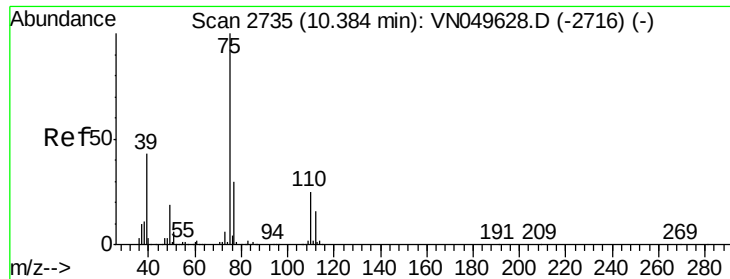
Tot Ion: 43 Resp: 3445644
 Ion Ratio Lower Upper
 43 100
 58 39.7 29.0 43.6



#52
 Toluene
 Concen: 47.72 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion: 92 Resp: 2149803
 Ion Ratio Lower Upper
 92 100
 91 175.0 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 49.08 ug/l

RT: 10.38 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

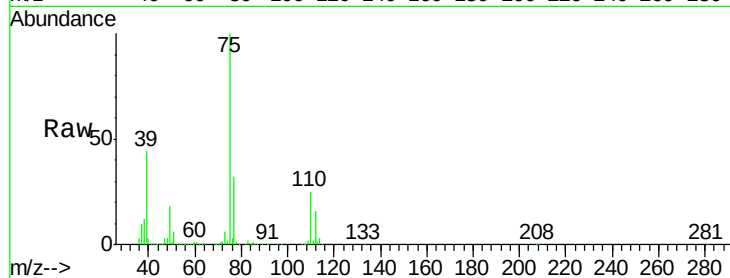
ClientSampleId :

Tot Ion: 75 Resp: 1166085

Ion Ratio Lower Upper

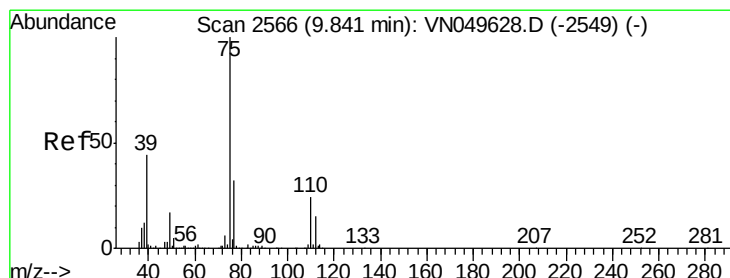
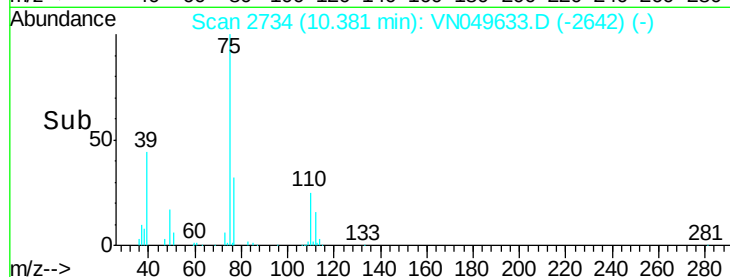
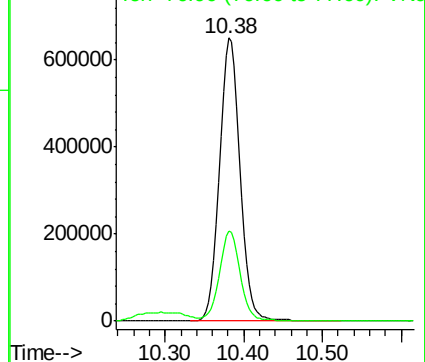
75 100

77 31.7 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 48.13 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

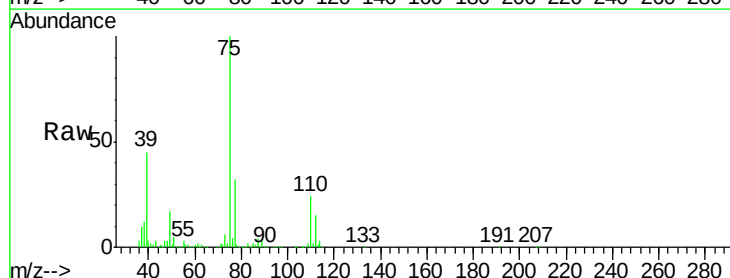
Tgt Ion: 75 Resp: 1336346

Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

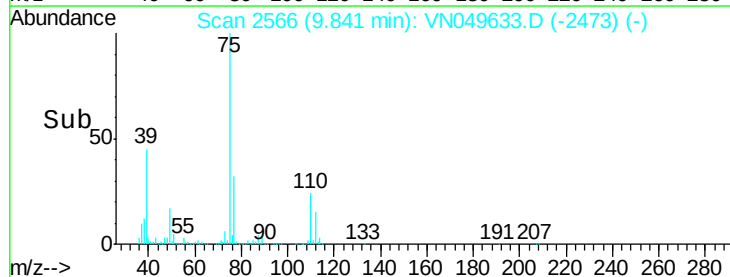
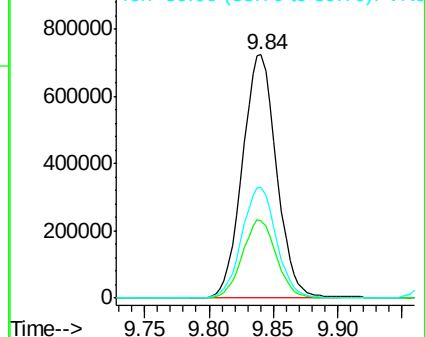
39 45.3 45.1 67.7

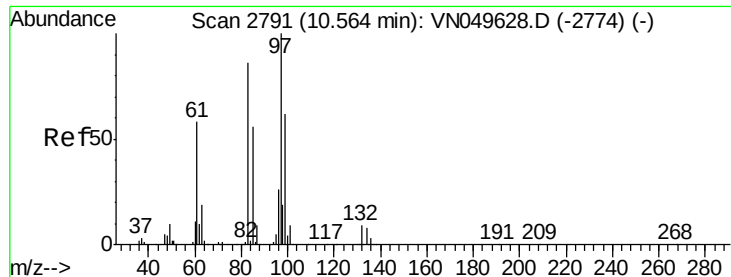


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

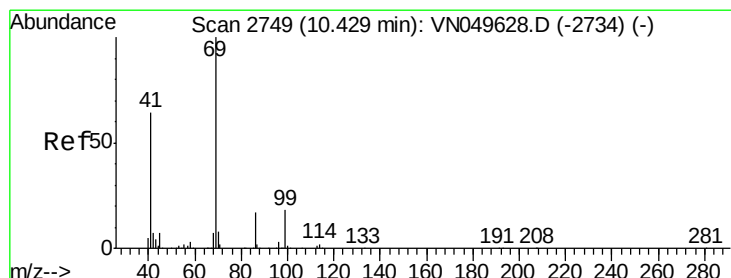
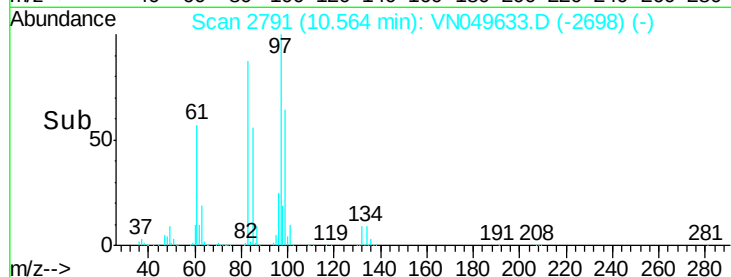
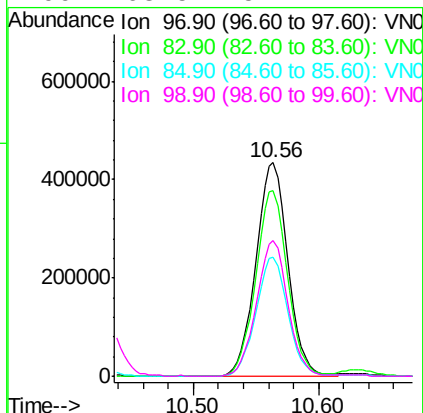
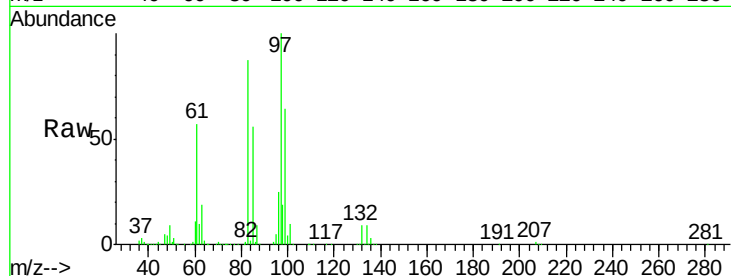




#55
 1,1,2-Trichloroethane
 Concen: 45.94 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

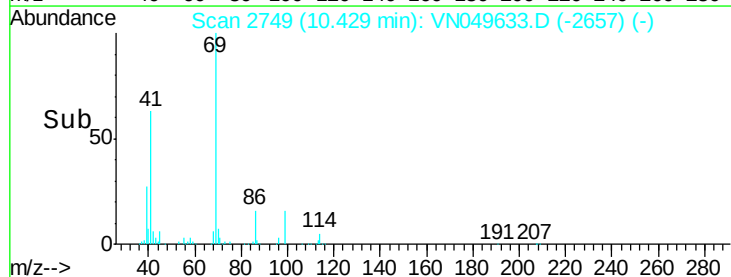
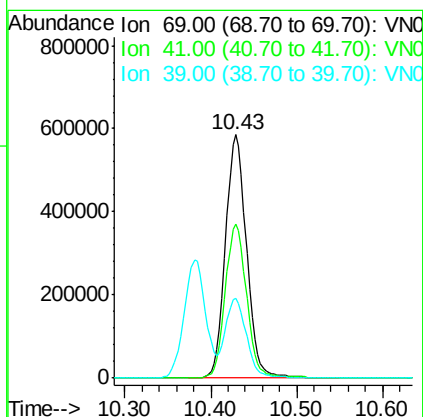
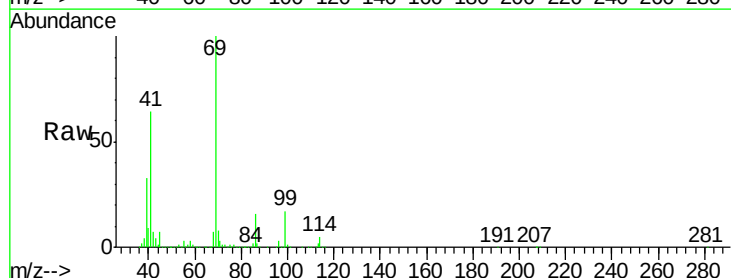
Instrument :
 MSVOA_N
 ClientSampleId :

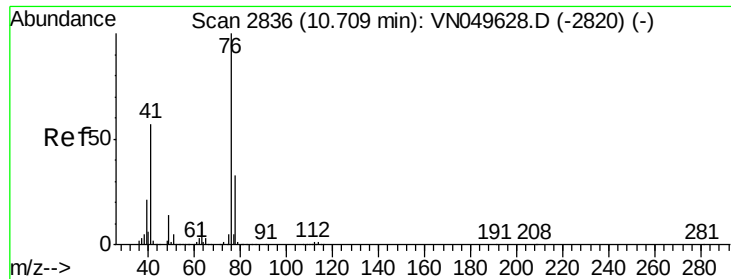
Tot Ion:	97	Resp:	770672
Ion	Ratio	Lower	Upper
97	100		
83	86.7	71.5	107.3
85	55.8	47.0	70.4
99	63.5	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 51.03 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion:	69	Resp:	1003322
Ion	Ratio	Lower	Upper
69	100		
41	63.9	58.4	87.6
39	32.8	35.5	53.3#





#57

1,3-Dichloropropane

Concen: 47.38 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

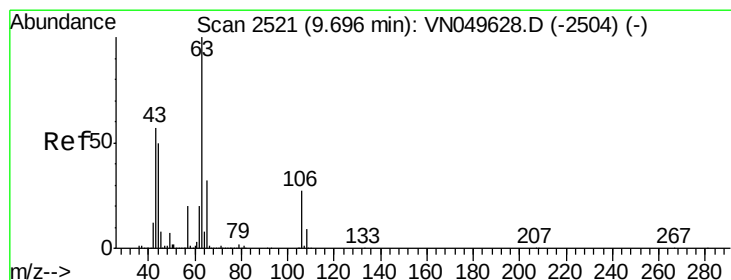
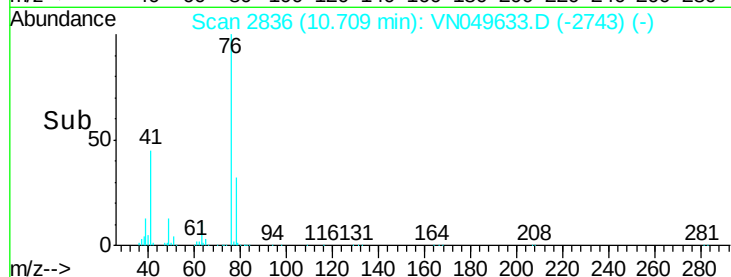
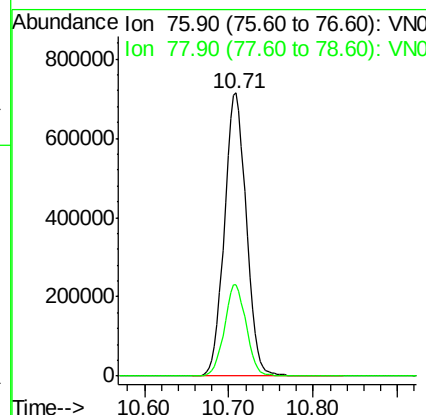
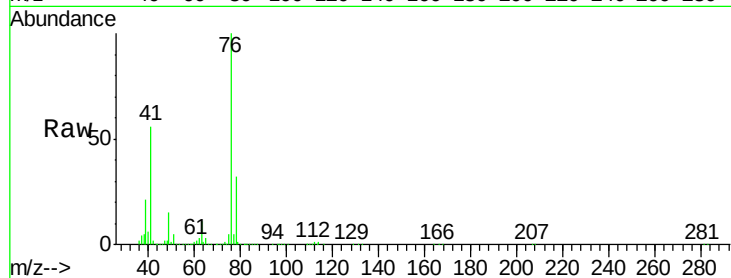
ClientSampleId :

Tot Ion: 76 Resp: 1288818

Ion Ratio Lower Upper

76 100

78 32.2 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 176.66 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049633.D

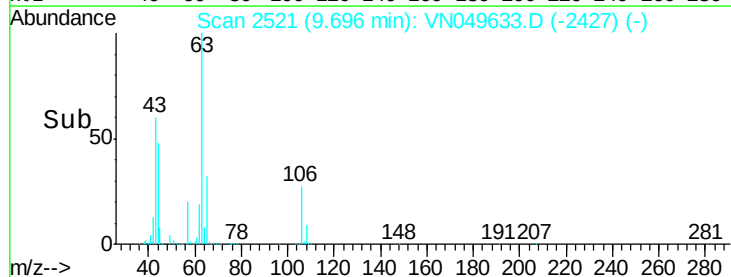
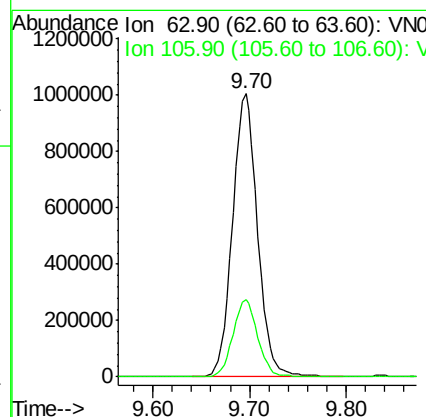
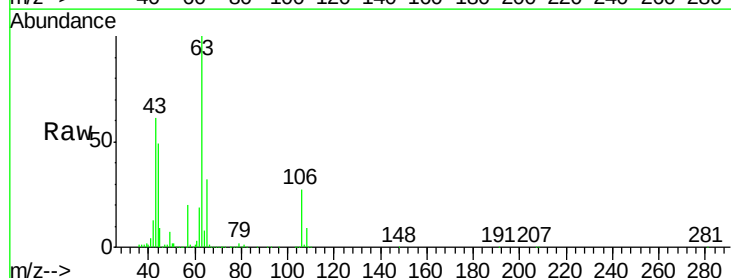
Acq: 29 Jun 2018 15:35

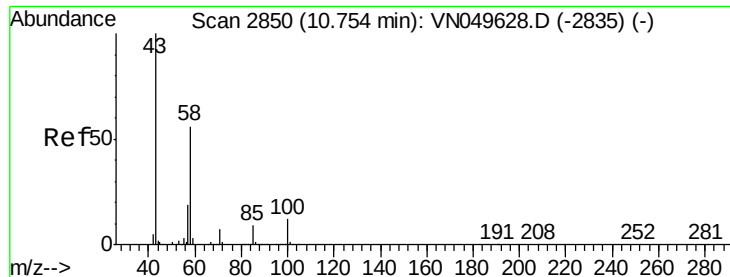
Tgt Ion: 63 Resp: 1805579

Ion Ratio Lower Upper

63 100

106 27.0 19.4 29.2

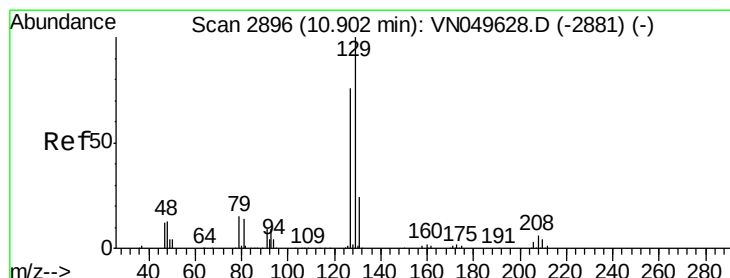
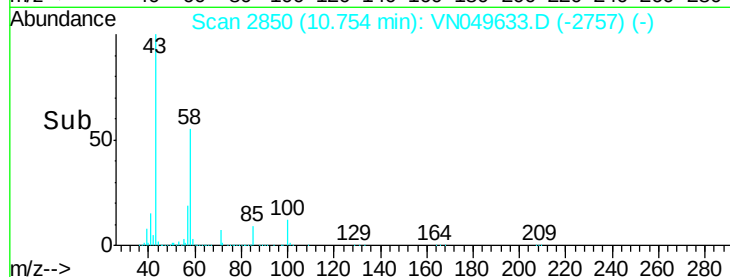
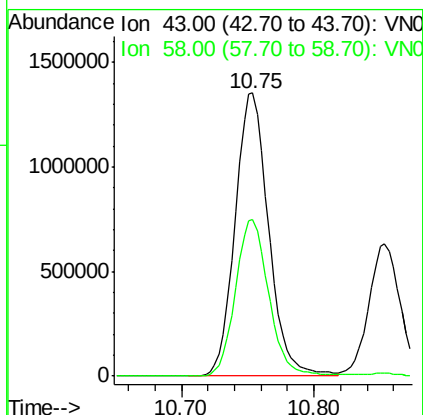
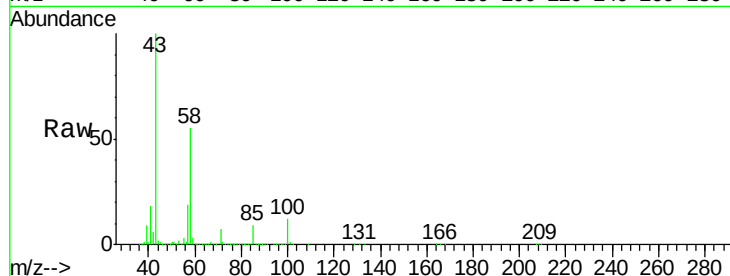




#59
2-Hexanone
Concen: 256.73 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

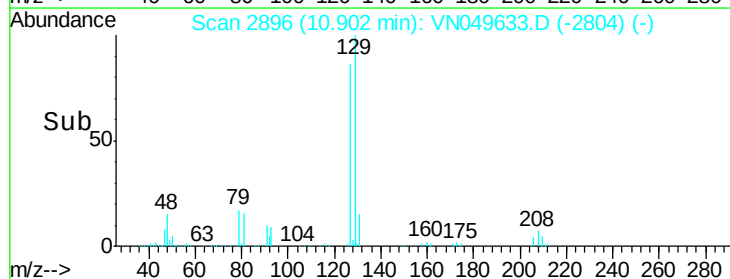
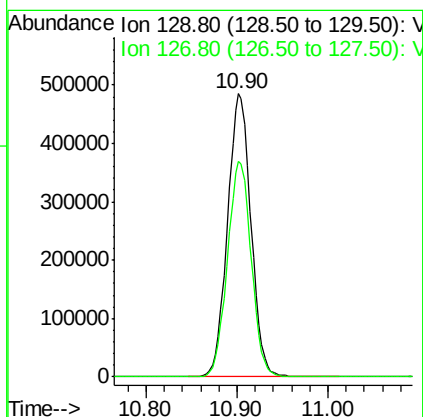
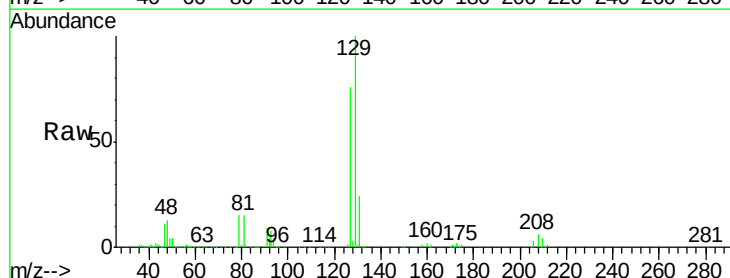
Instrument :
MSVOA_N
ClientSampled :

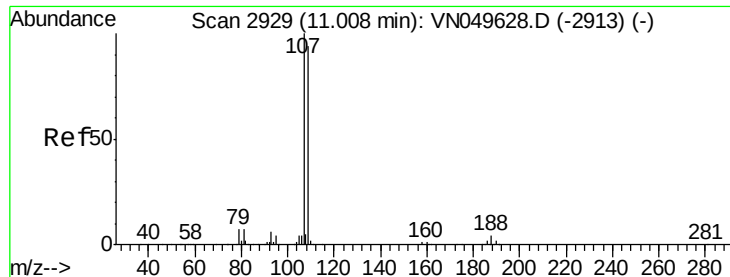
Tot Ion: 43 Resp: 2370930
Ion Ratio Lower Upper
43 100
58 55.4 25.2 75.6



#60
Dibromochloromethane
Concen: 47.74 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion: 129 Resp: 865531
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

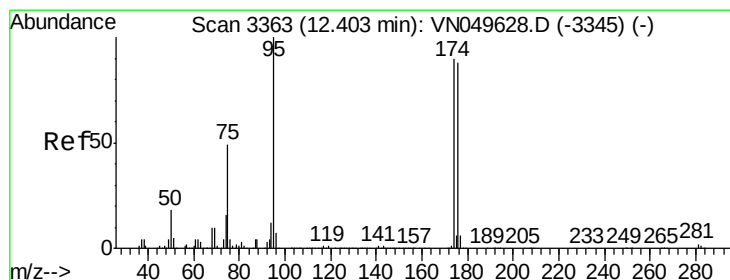
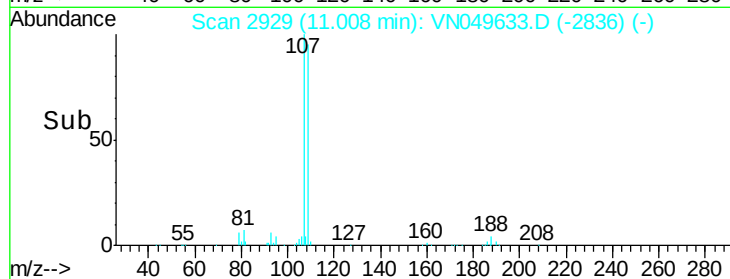
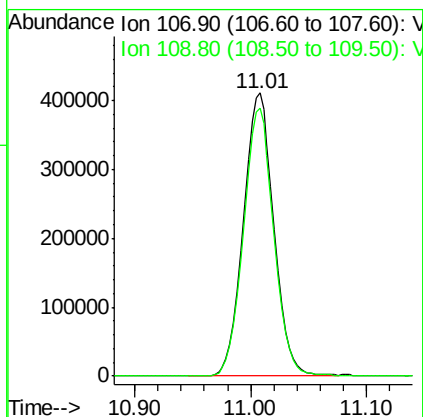
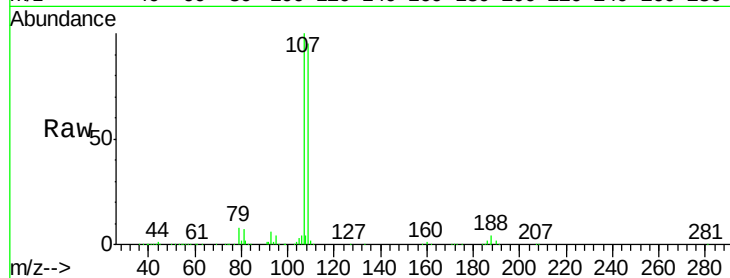




#61
 1,2-Dibromoethane
 Concen: 46.55 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

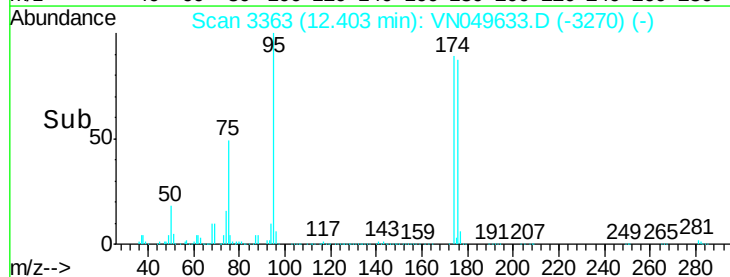
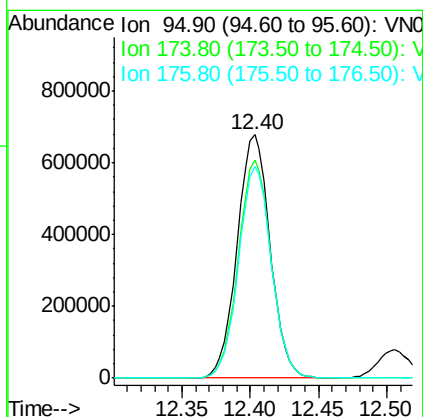
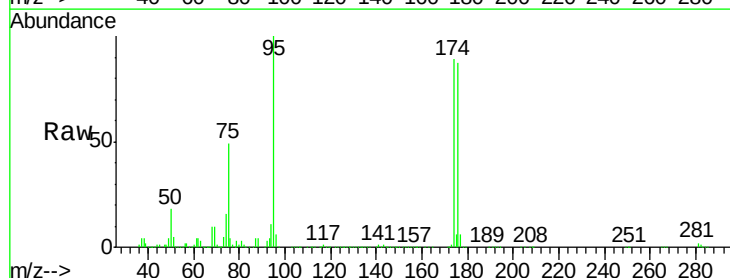
Instrument :
 MSVOA_N
 ClientSampled :

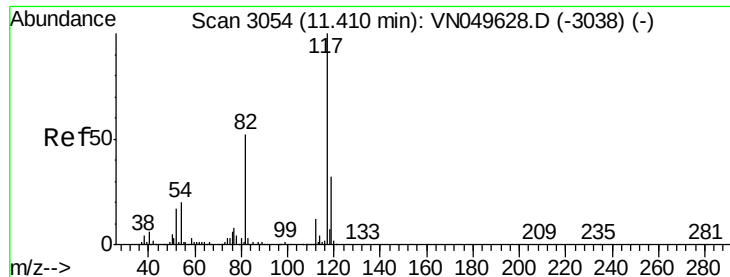
Tot Ion: 107 Resp: 748257
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 52.51 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion: 95 Resp: 1138862
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 165.6
 176 86.6 0.0 157.4

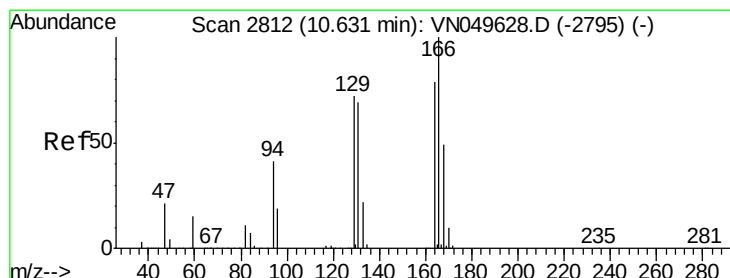
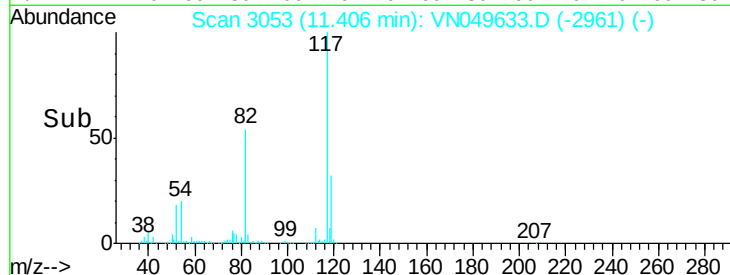
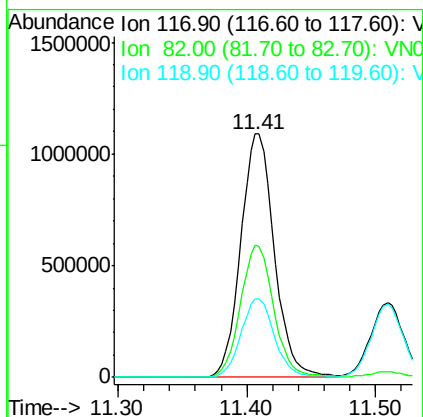
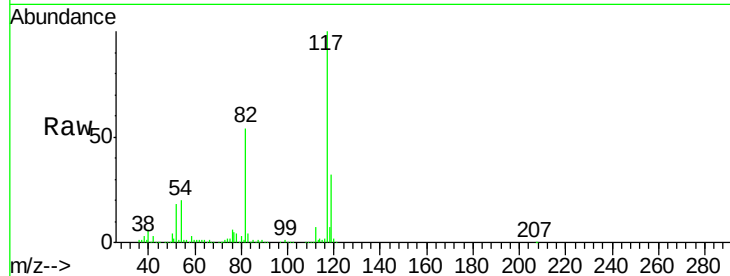




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

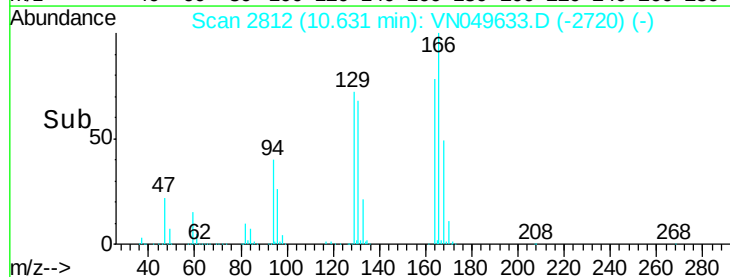
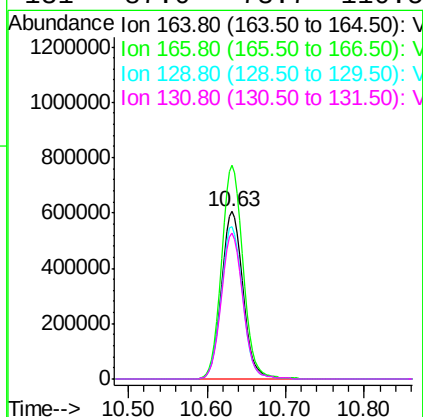
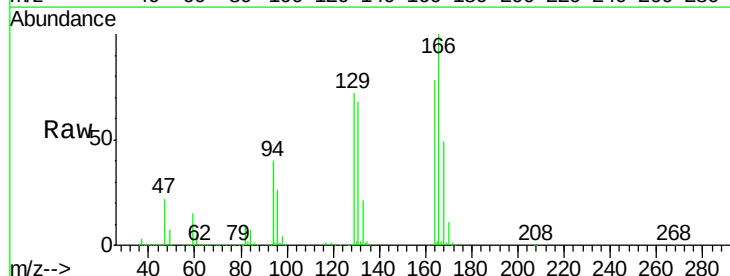
Instrument :
MSVOA_N
ClientSampleId :

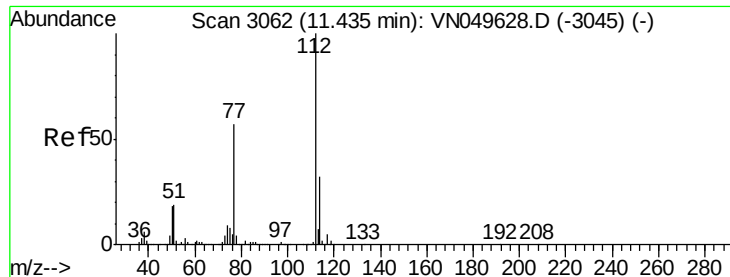
Tot Ion:117 Resp: 1975920
Ion Ratio Lower Upper
117 100
82 54.3 45.9 68.9
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 42.50 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion:164 Resp: 1137068
Ion Ratio Lower Upper
164 100
166 127.6 101.4 152.2
129 91.2 74.1 111.1
131 87.0 73.7 110.5





#65

Chlorobenzene

Concen: 45.53 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

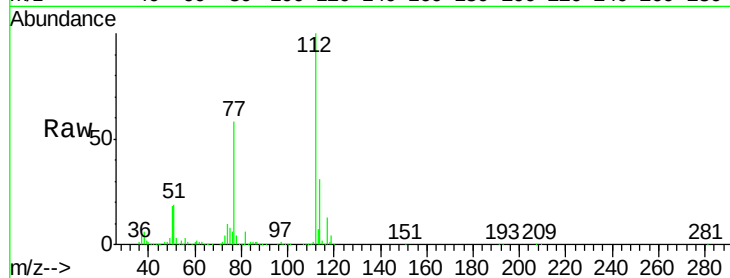
ClientSampled :

Tot Ion:112 Resp: 2346641

Ion Ratio Lower Upper

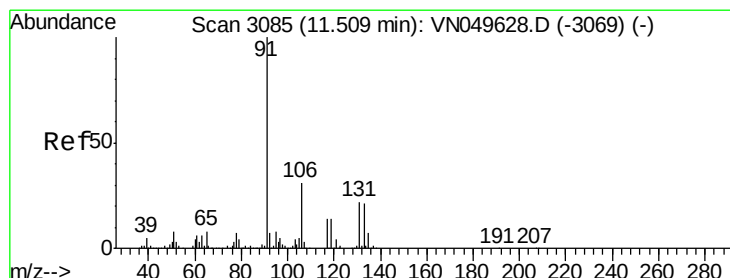
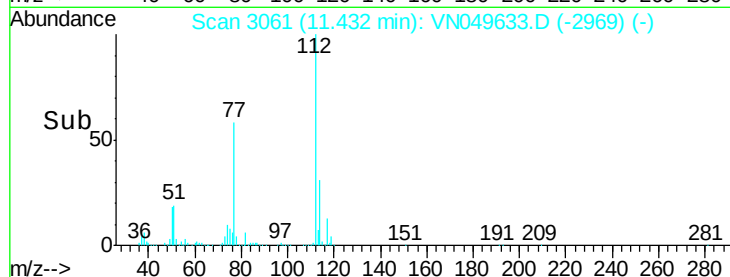
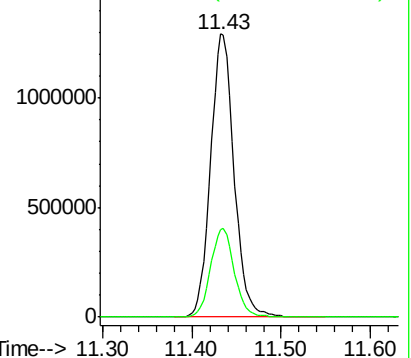
112 100

114 31.1 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 46.39 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

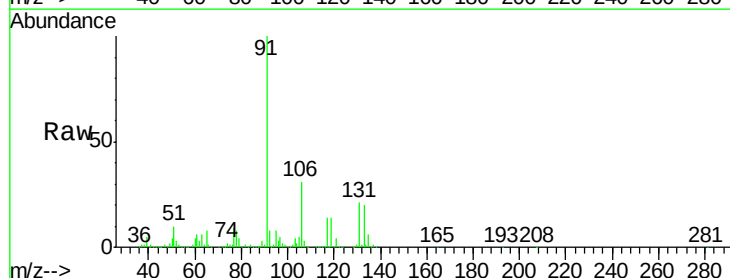
Tgt Ion:131 Resp: 859265

Ion Ratio Lower Upper

131 100

133 94.6 48.0 144.2

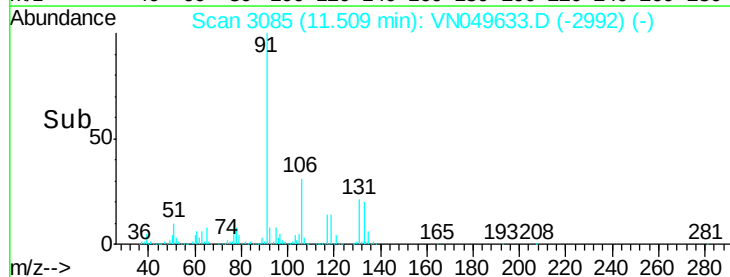
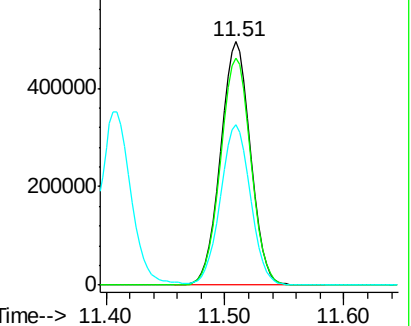
119 66.1 33.6 100.8

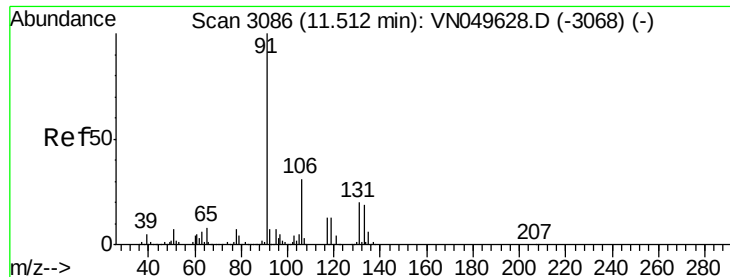


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 47.75 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

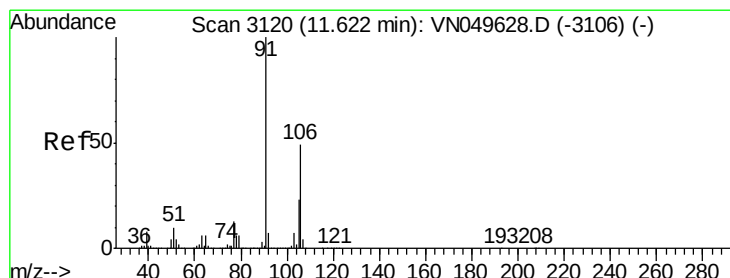
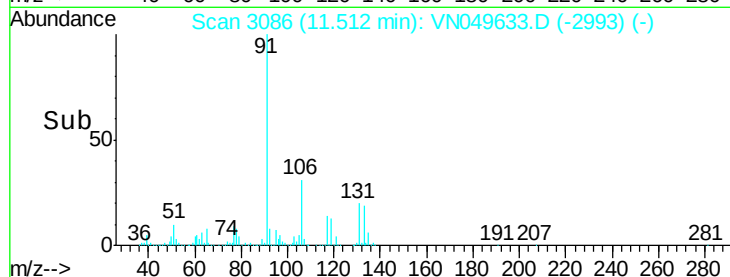
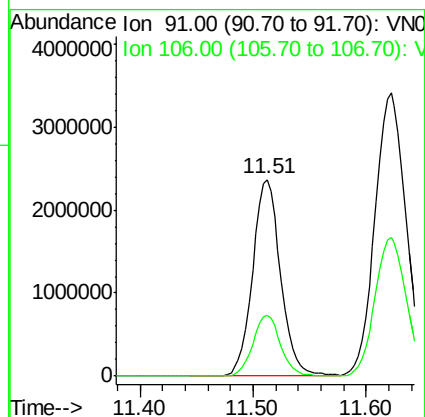
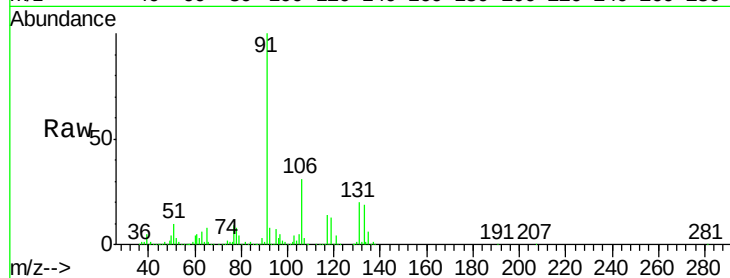
ClientSampleId :

Tot Ion: 91 Resp: 4068643

Ion Ratio Lower Upper

91 100

106 31.0 23.9 35.9



#68

m/p-Xylenes

Concen: 98.20 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049633.D

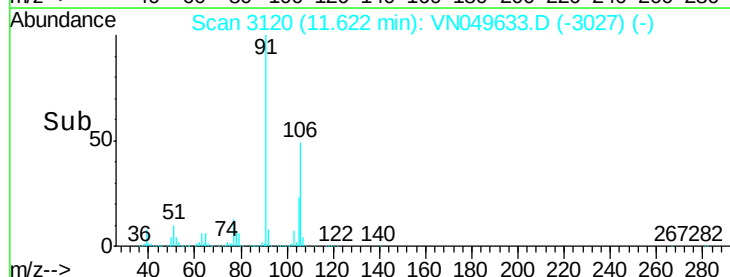
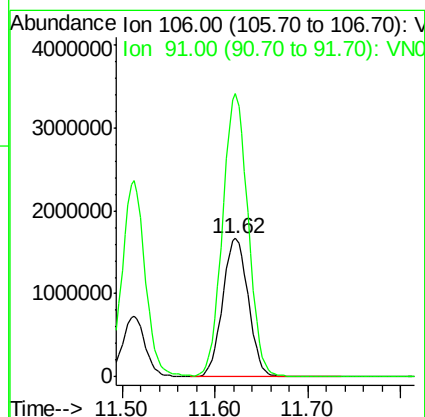
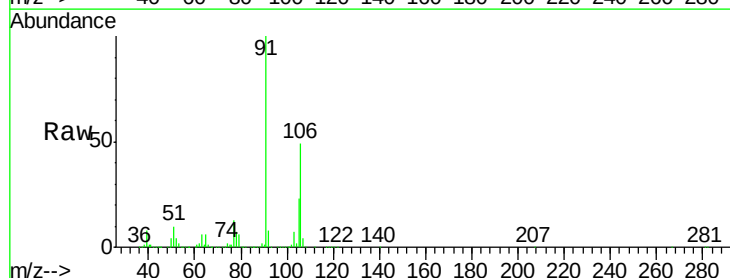
Acq: 29 Jun 2018 15:35

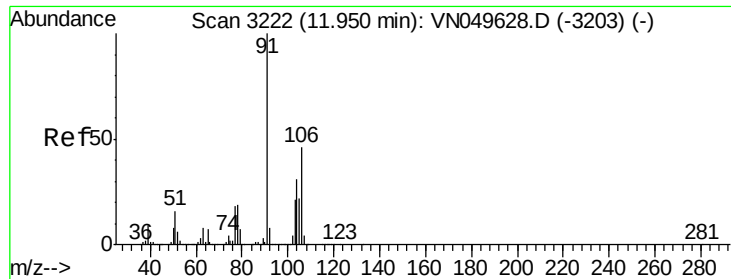
Tgt Ion: 106 Resp: 3206654

Ion Ratio Lower Upper

106 100

91 202.4 167.3 250.9

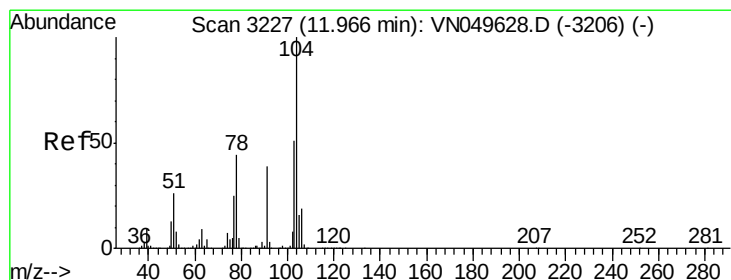
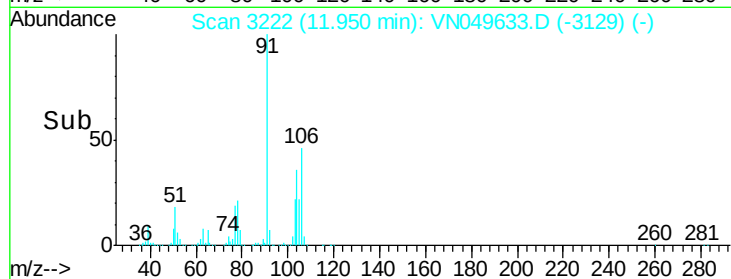
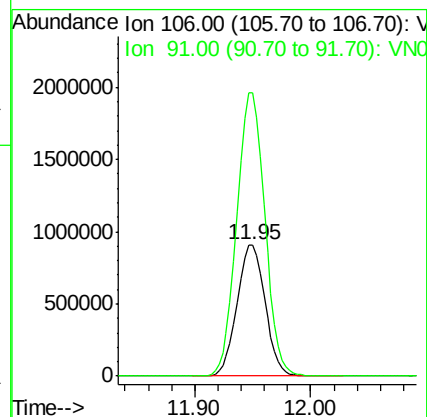
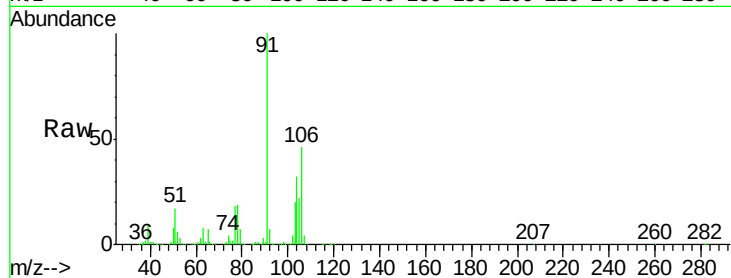




#69
o-Xylene
Concen: 48.54 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

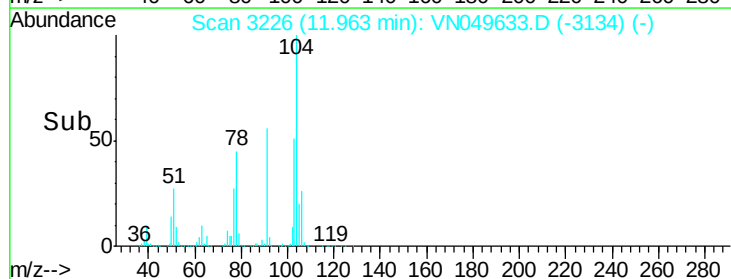
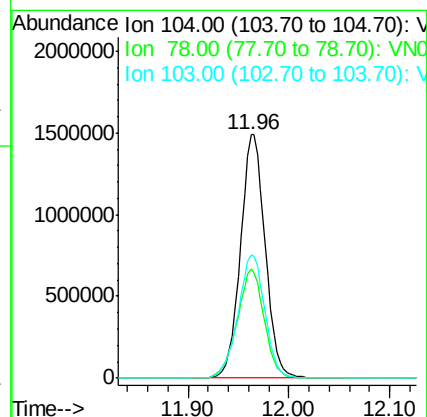
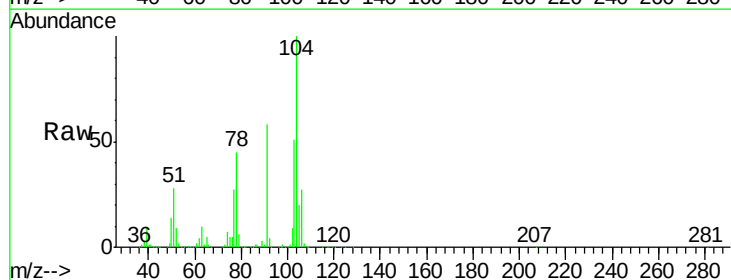
Instrument :
MSVOA_N
ClientSampled :

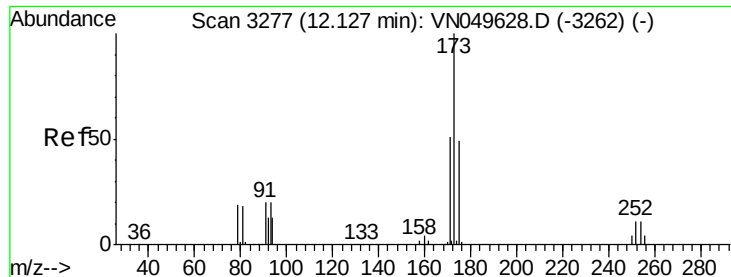
Tot Ion:106 Resp: 1517558
Ion Ratio Lower Upper
106 100
91 216.2 111.0 333.0



#70
Styrene
Concen: 49.87 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion:104 Resp: 2522778
Ion Ratio Lower Upper
104 100
78 48.9 41.6 62.4
103 55.2 45.4 68.2





#71

Bromoform

Concen: 48.29 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampled :

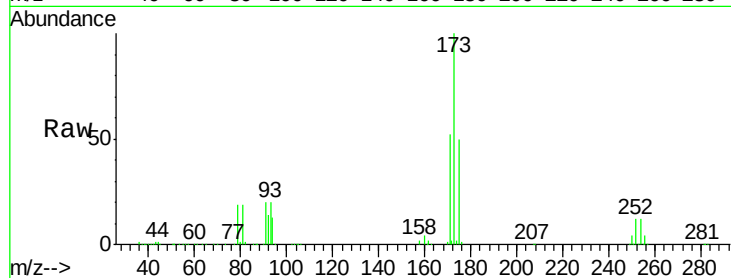
Tot Ion:173 Resp: 594328

Ion Ratio Lower Upper

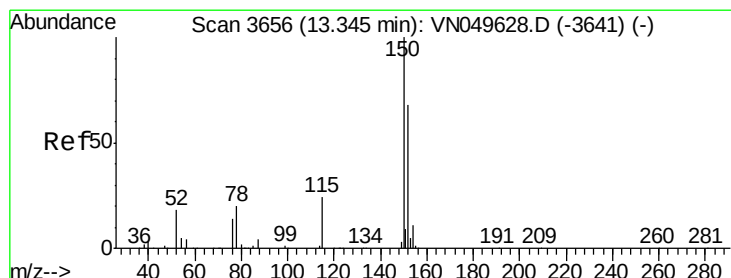
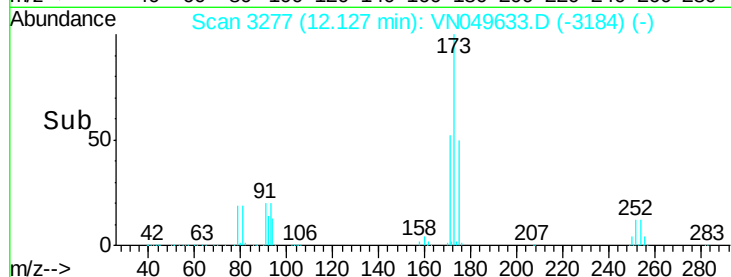
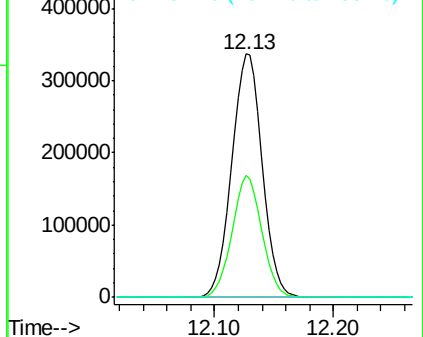
173 100

175 48.9 24.5 73.5

254 0.2 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: VN049633.D

Acq: 29 Jun 2018 15:35

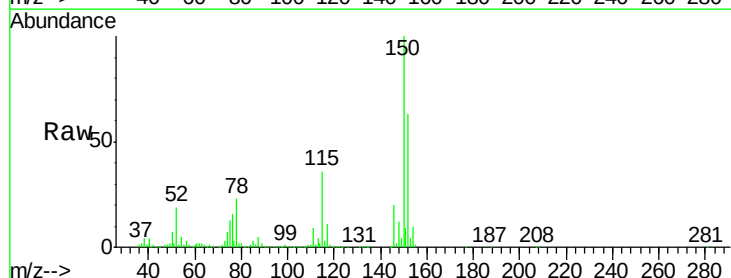
Tgt Ion:152 Resp: 1108585

Ion Ratio Lower Upper

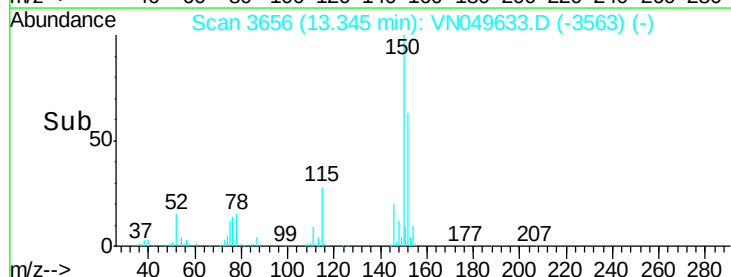
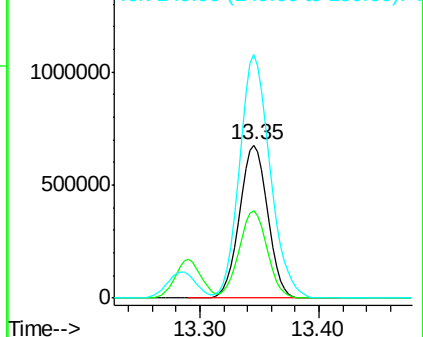
152 100

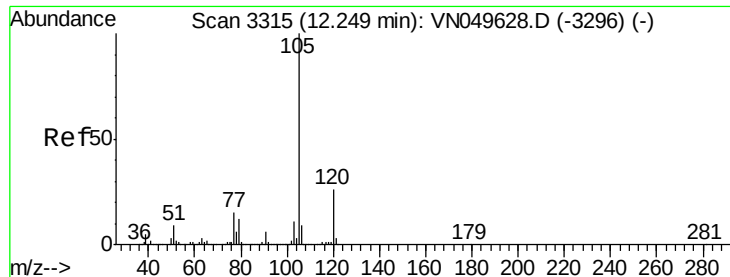
115 56.8 28.7 86.1

150 172.7 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: 45.86 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

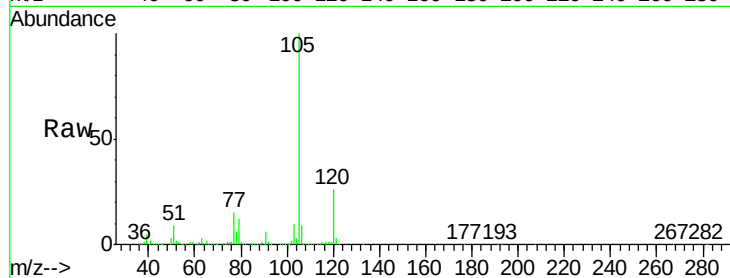
ClientSampled :

Tot Ion:105 Resp: 4049881

Ion Ratio Lower Upper

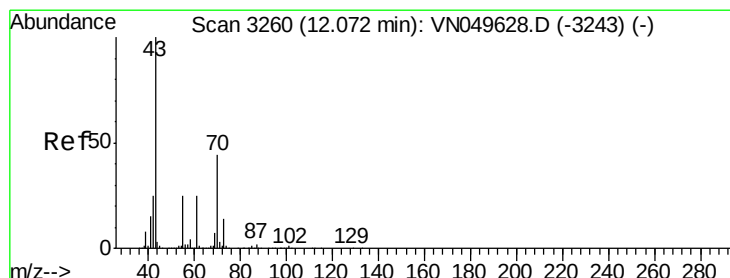
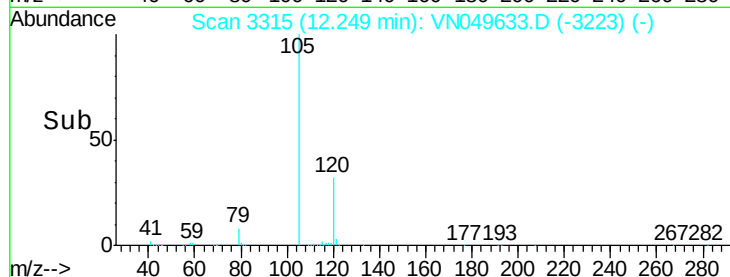
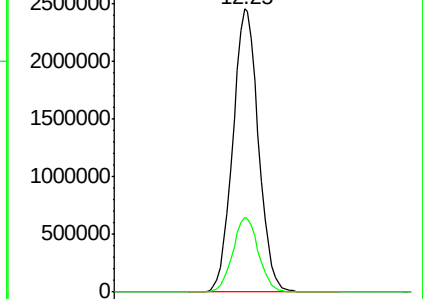
105 100

120 26.4 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: 46.65 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Tgt Ion: 43 Resp: 1125326

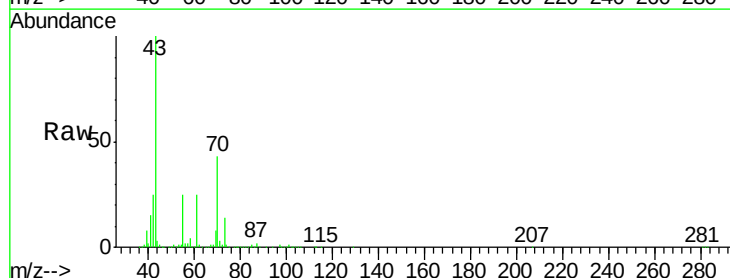
Ion Ratio Lower Upper

43 100

70 43.6 30.3 45.5

55 25.6 19.4 29.2

61 25.1 17.8 26.6

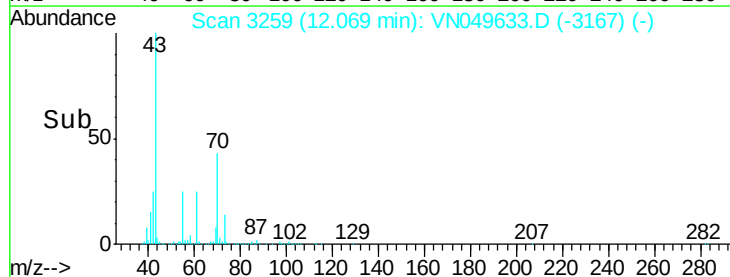
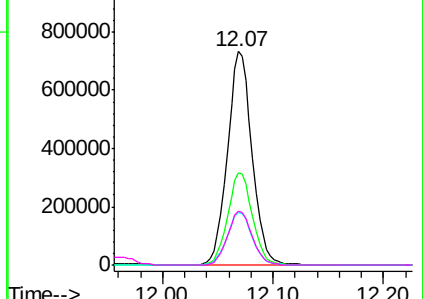


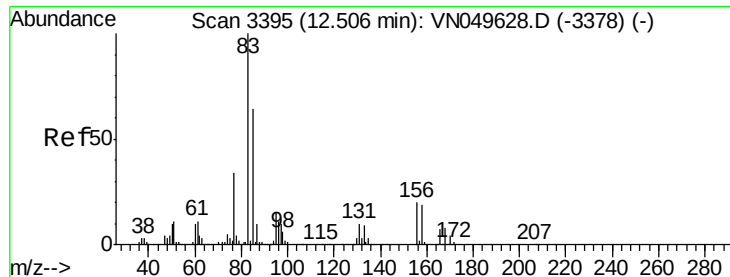
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.37 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

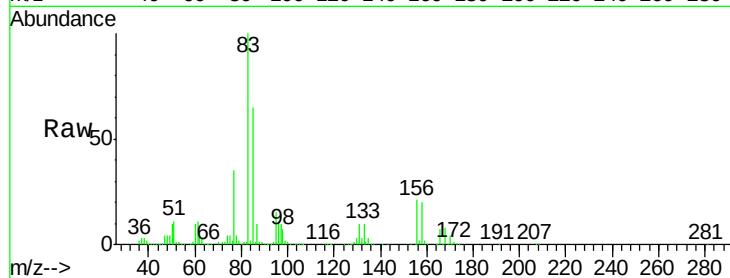
Tot Ion: 83 Resp: 870064

Ion Ratio Lower Upper

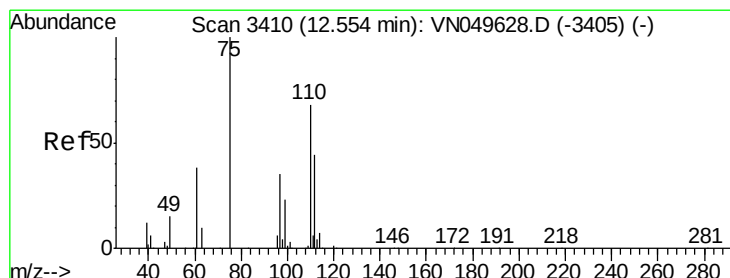
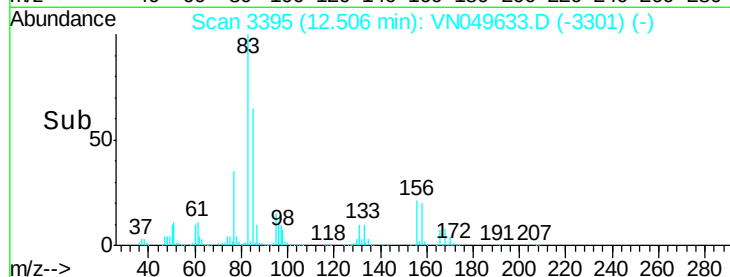
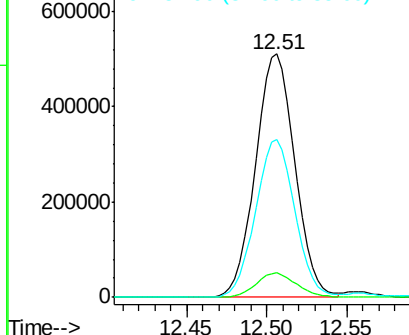
83 100

131 10.3 5.0 15.0

85 64.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 68.07 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049633.D

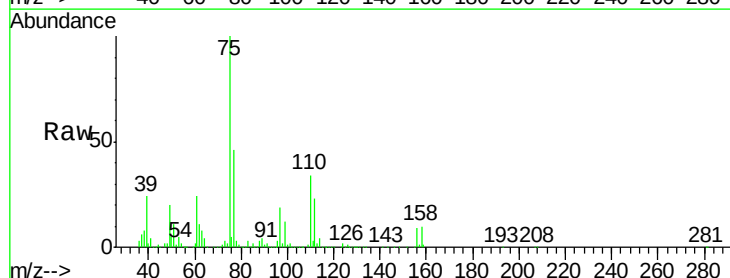
Acq: 29 Jun 2018 15:35

Tgt Ion: 75 Resp: 1162756

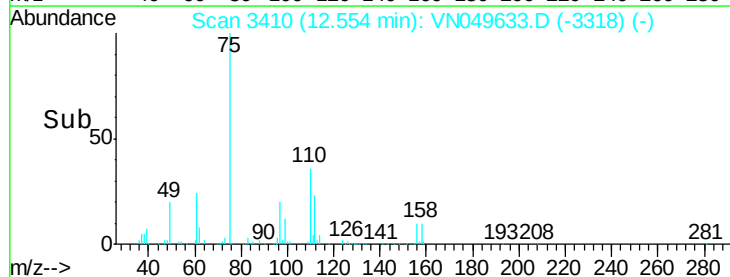
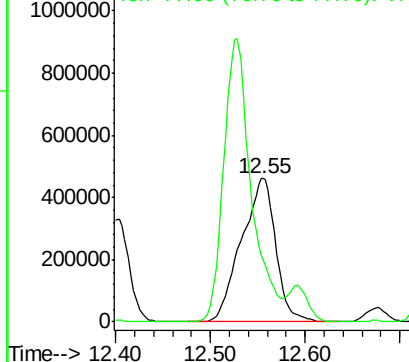
Ion Ratio Lower Upper

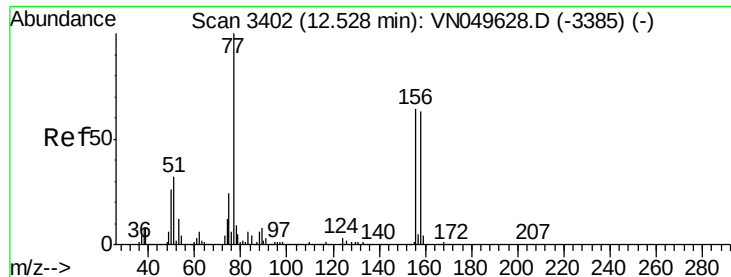
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 42.87 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

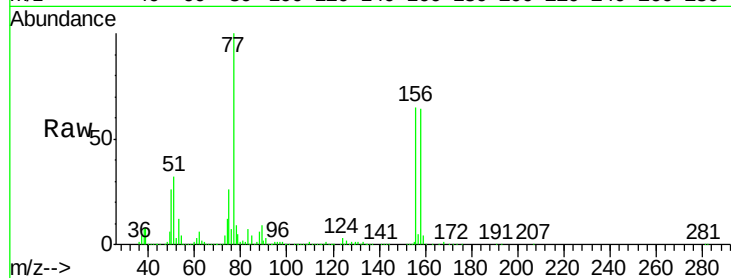
Tot Ion:156 Resp: 1029288

Ion Ratio Lower Upper

156 100

77 180.4 100.8 302.4

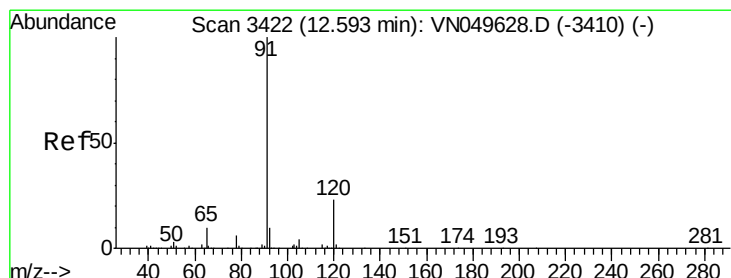
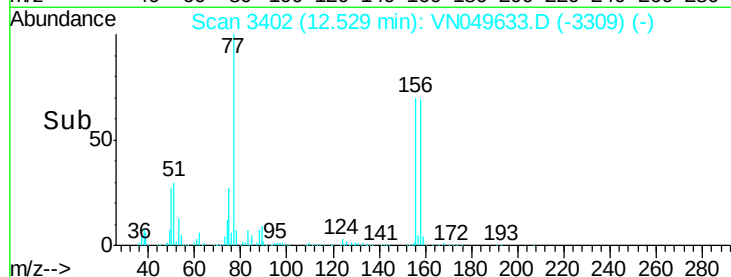
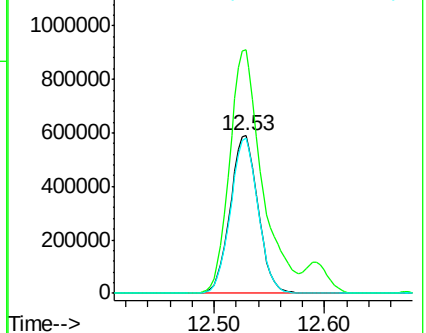
158 97.5 49.3 147.9



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: 47.24 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049633.D

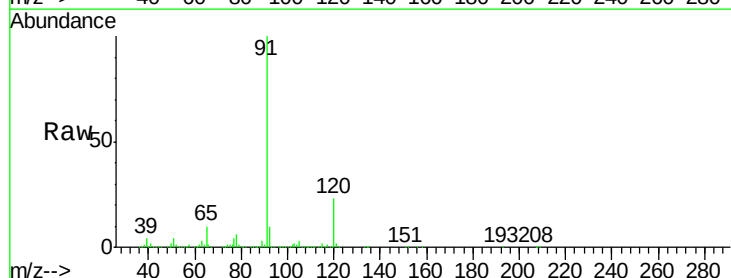
Acq: 29 Jun 2018 15:35

Tgt Ion: 91 Resp: 4780941

Ion Ratio Lower Upper

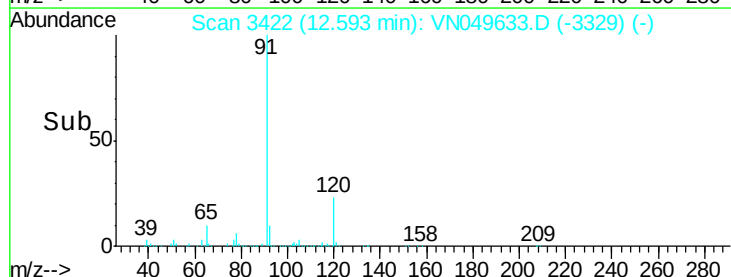
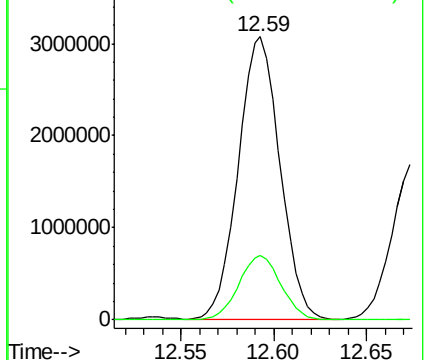
91 100

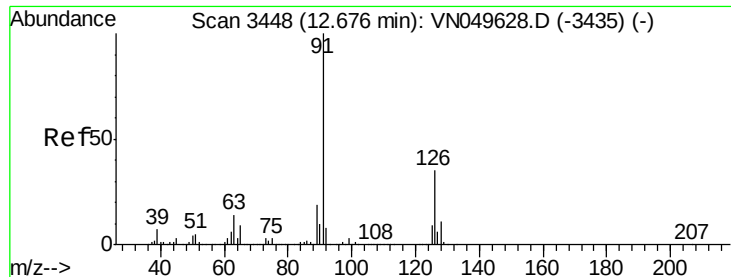
120 23.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.10 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

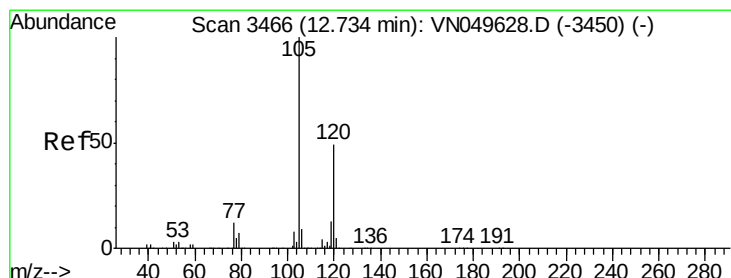
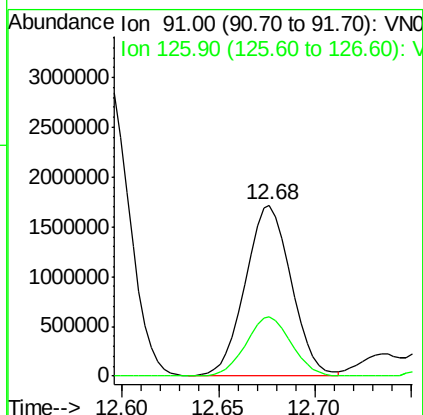
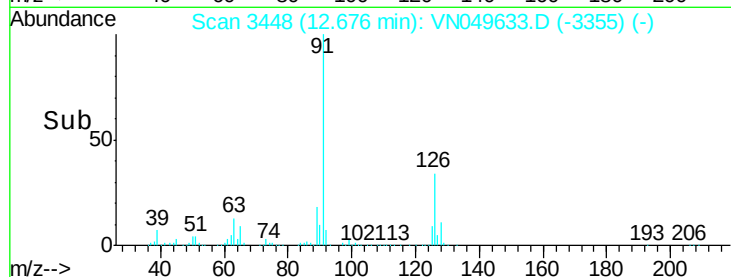
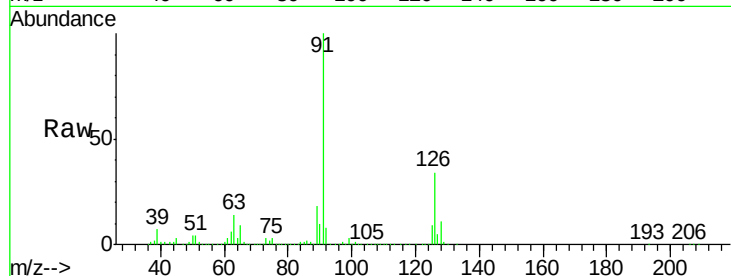
ClientSampled :

Tot Ion: 91 Resp: 2824673

Ion Ratio Lower Upper

91 100

126 34.5 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 47.18 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049633.D

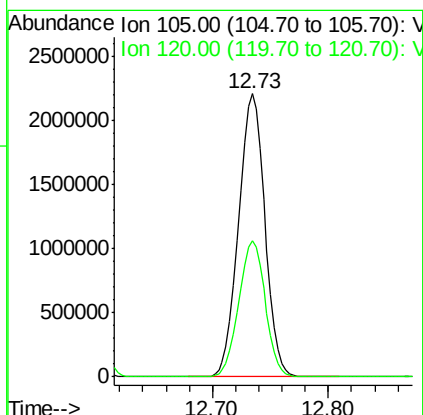
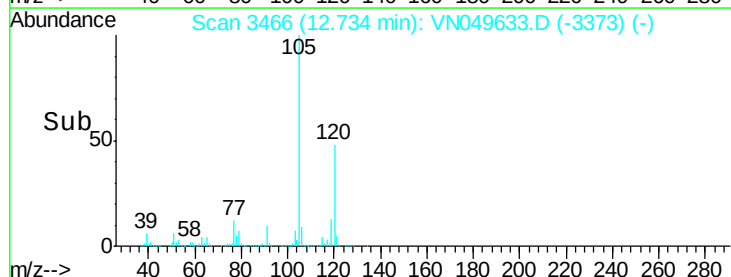
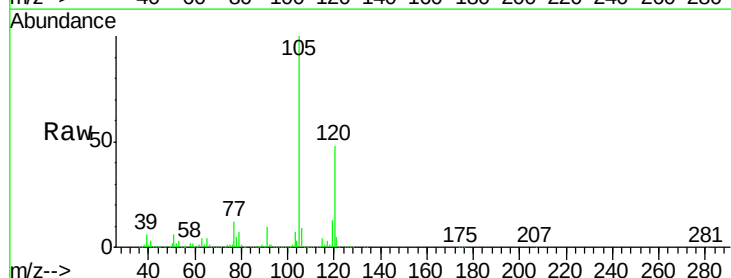
Acq: 29 Jun 2018 15:35

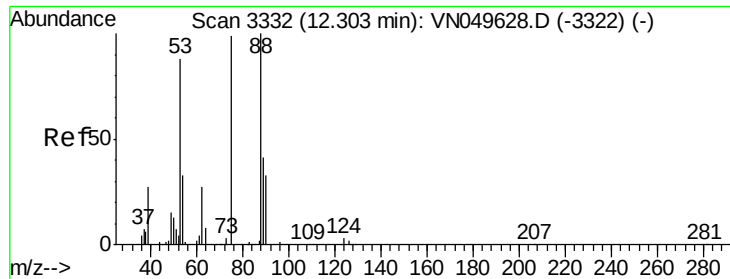
Tgt Ion: 105 Resp: 3461659

Ion Ratio Lower Upper

105 100

120 48.4 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 47.68 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

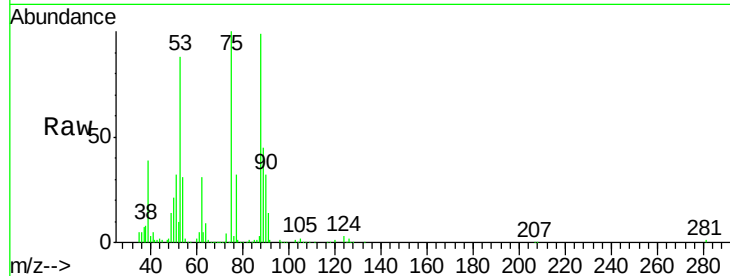
Tot Ion: 75 Resp: 249583

Ion Ratio Lower Upper

75 100

53 92.4 82.7 124.1

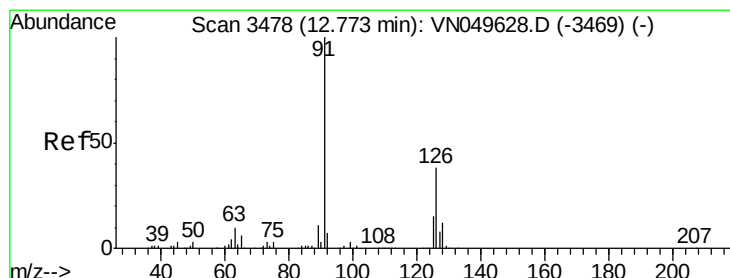
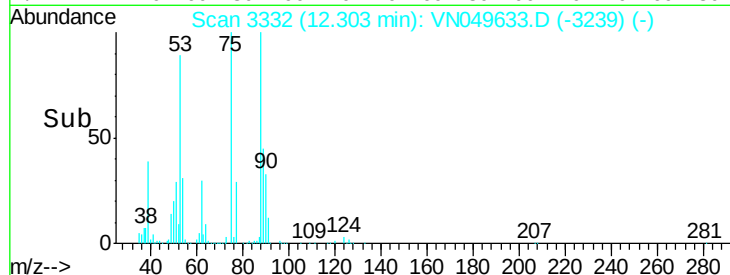
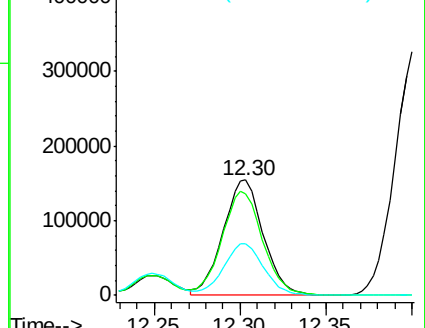
89 45.9 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 44.97 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN049633.D

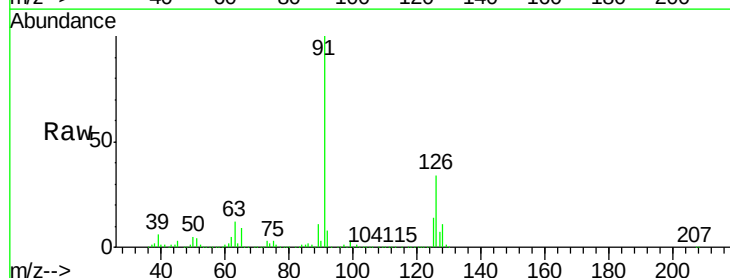
Acq: 29 Jun 2018 15:35

Tgt Ion: 91 Resp: 2896269

Ion Ratio Lower Upper

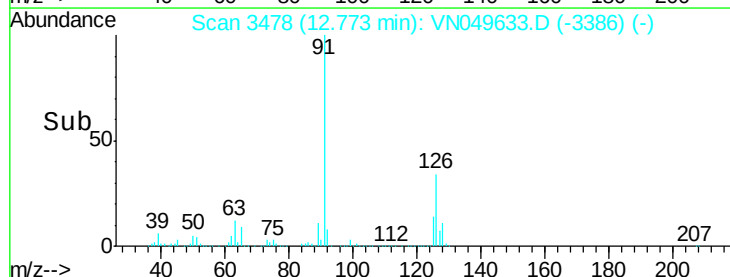
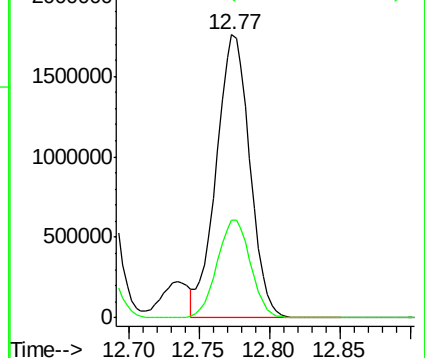
91 100

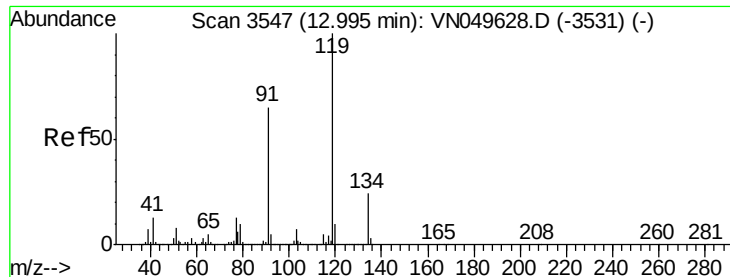
126 34.4 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

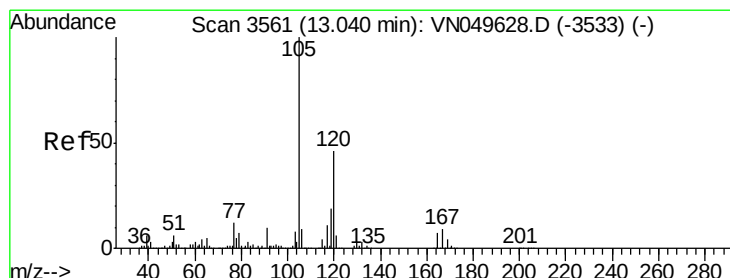
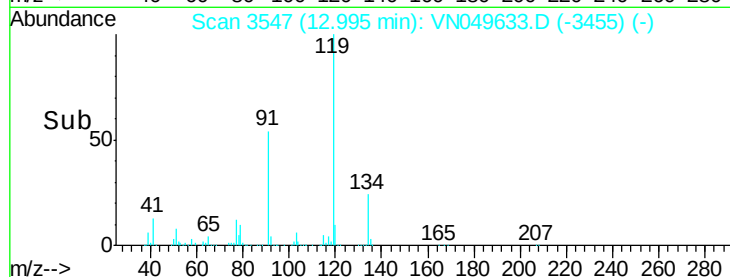
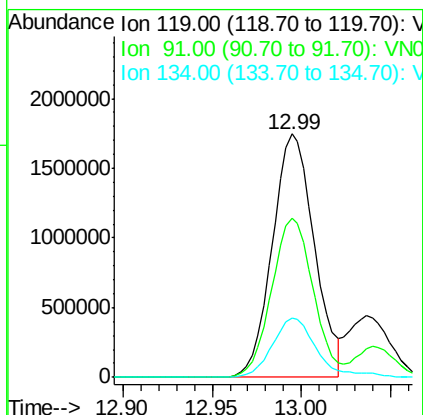
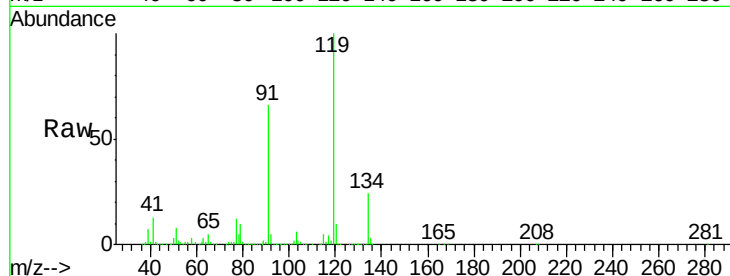




#83
 tert-Butylbenzene
 Concen: 45.60 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

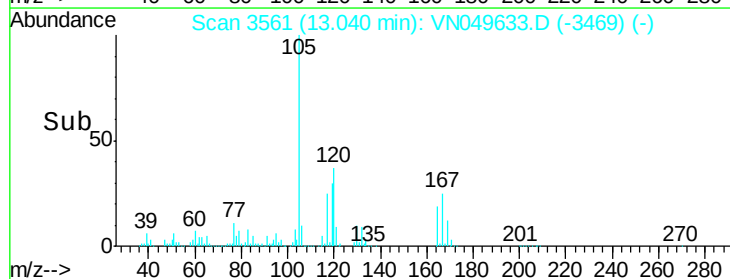
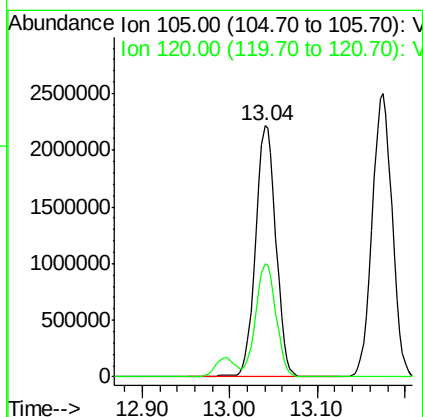
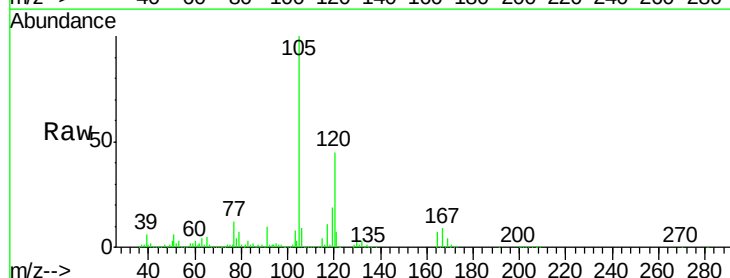
Instrument :
 MSVOA_N
 ClientSampleId :

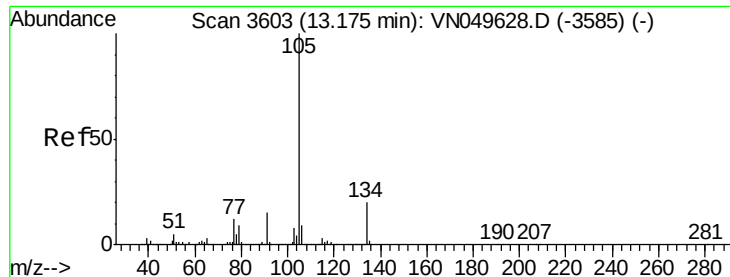
Tot Ion:119 Resp: 2874216
 Ion Ratio Lower Upper
 119 100
 91 65.0 33.7 101.0
 134 25.6 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 47.30 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion:105 Resp: 3566101
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.24 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

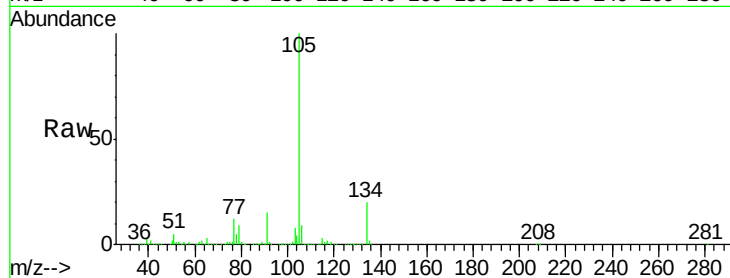
ClientSampleId :

Tot Ion:105 Resp: 3945144

Ion Ratio Lower Upper

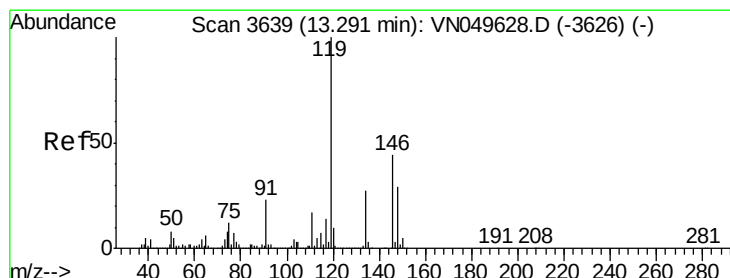
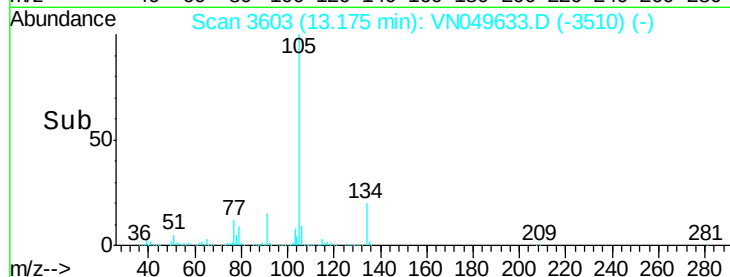
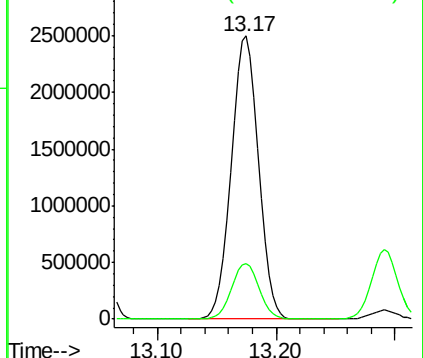
105 100

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: 48.68 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

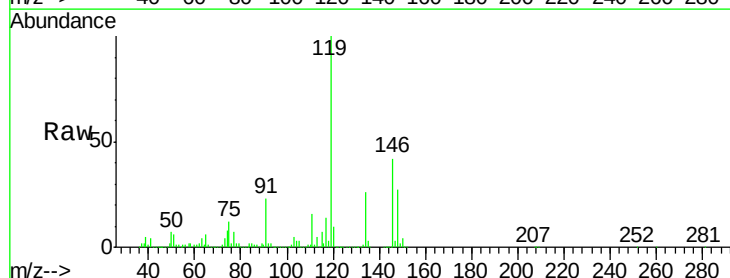
Tgt Ion:119 Resp: 3521381

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

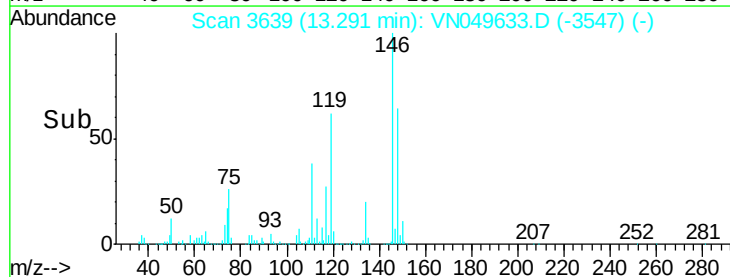
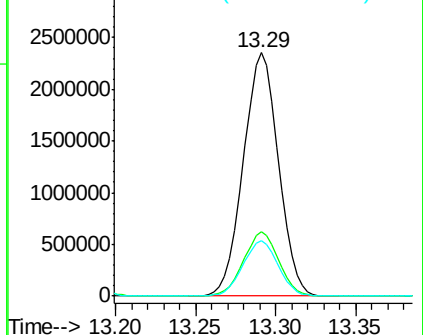
91 22.7 12.1 36.3

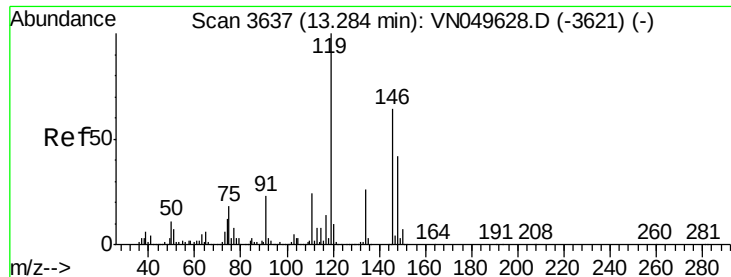


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.39 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

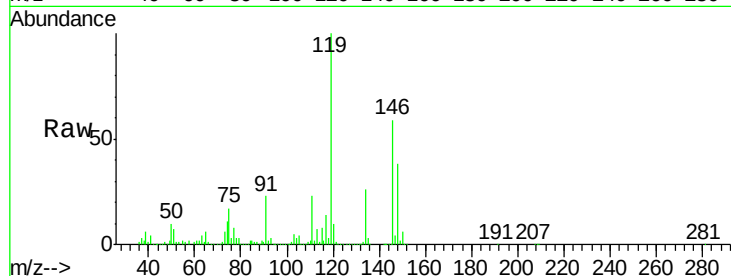
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:146 Resp: 1888140

Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.9	59.6
148	64.4	32.1	96.5

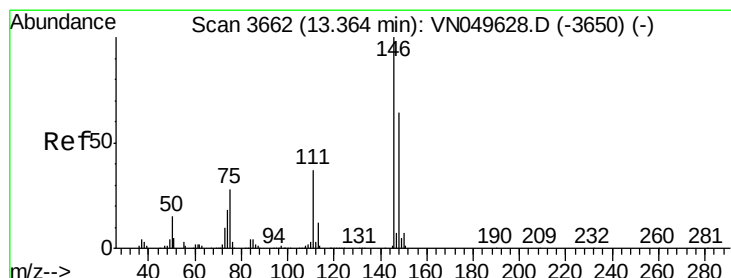
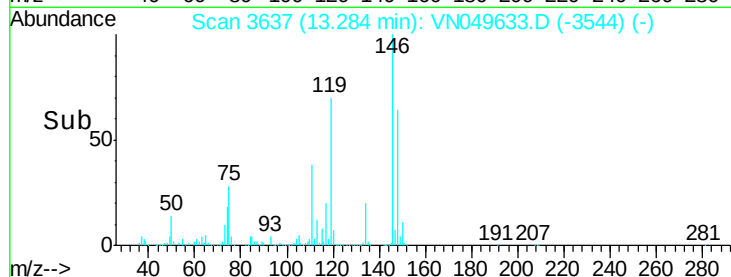
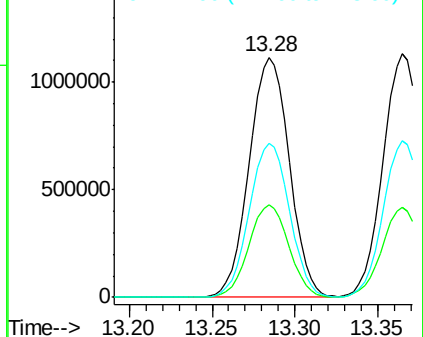


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.45 ug/l

RT: 13.36 min Scan# 3662

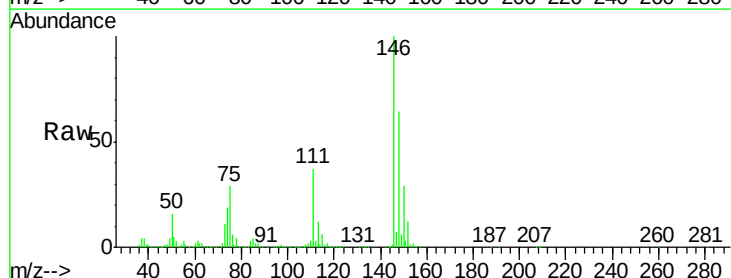
Delta R.T. -0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Tgt Ion:146 Resp: 1856302

Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.1	57.1
148	64.4	32.0	96.2

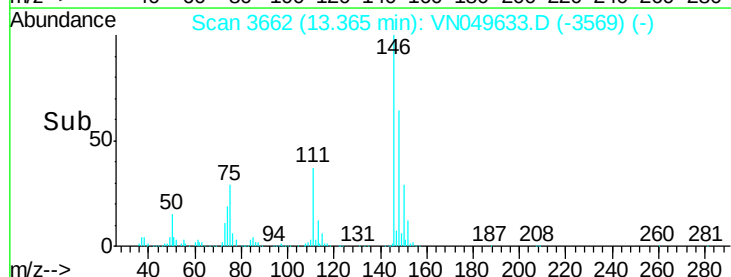
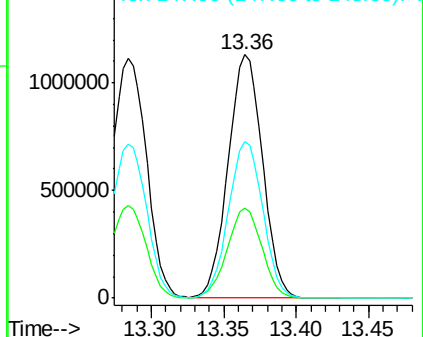


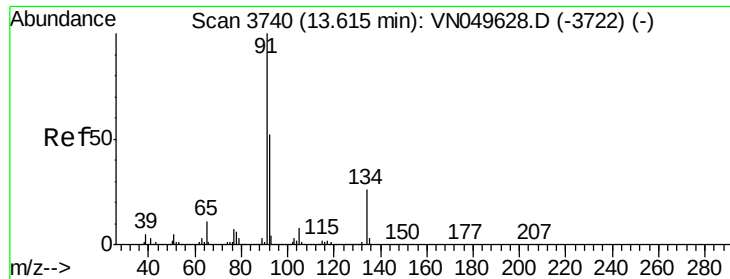
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

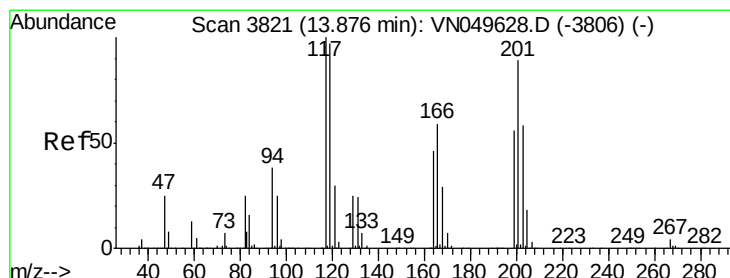
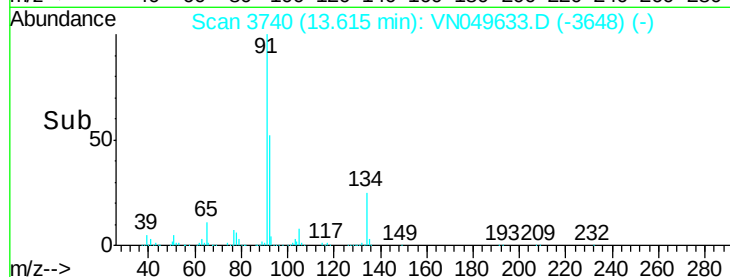
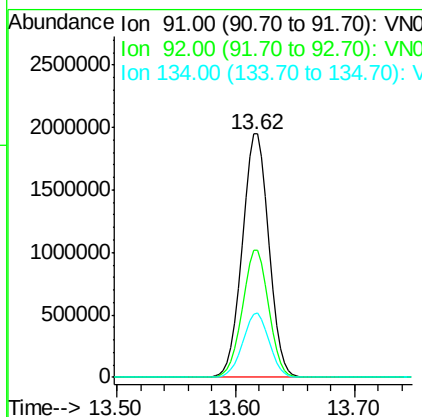
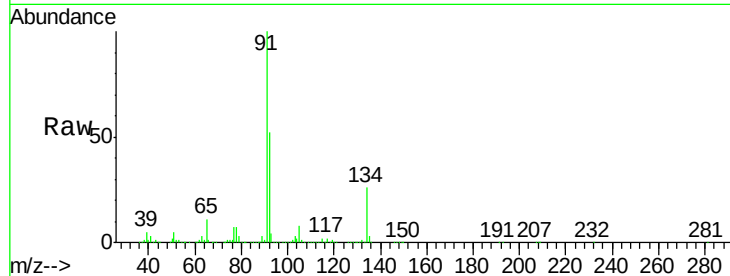




#89
n-Butylbenzene
Concen: 48.53 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

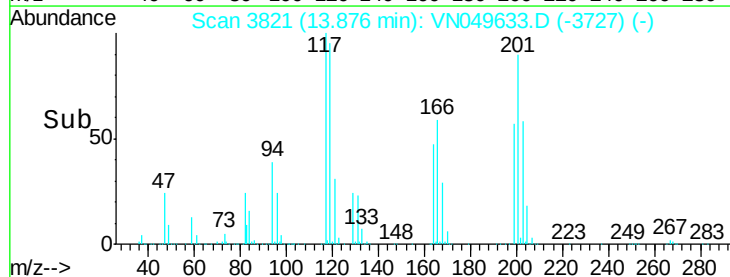
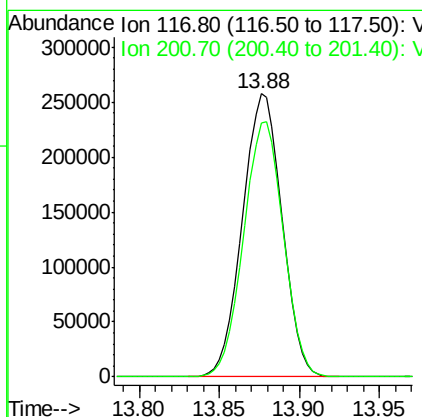
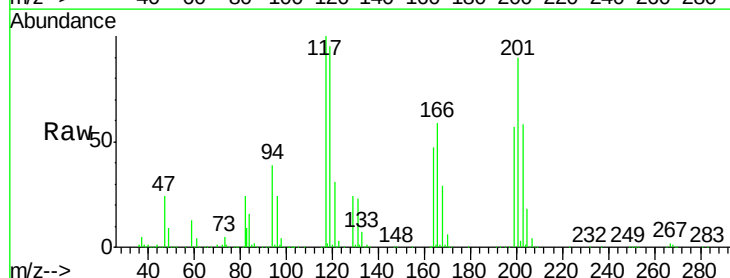
Instrument :
MSVOA_N
ClientSampled :

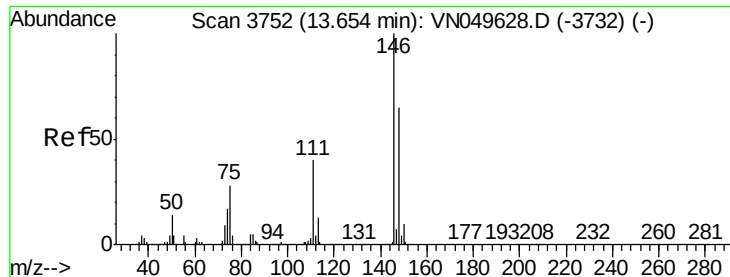
Tot Ion: 91 Resp: 3005430
Ion Ratio Lower Upper
91 100
92 51.8 25.1 75.4
134 26.2 12.0 36.0



#90
Hexachloroethane
Concen: 57.12 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049633.D
Acq: 29 Jun 2018 15:35

Tgt Ion: 117 Resp: 434049
Ion Ratio Lower Upper
117 100
201 90.9 40.1 120.2

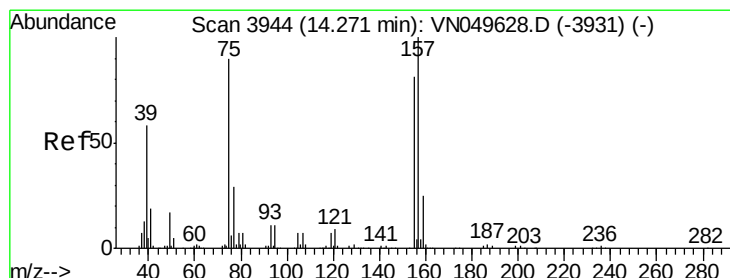
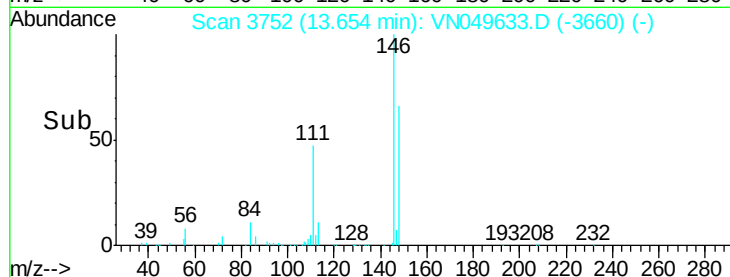
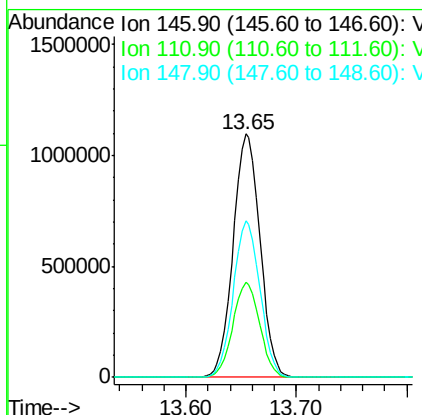
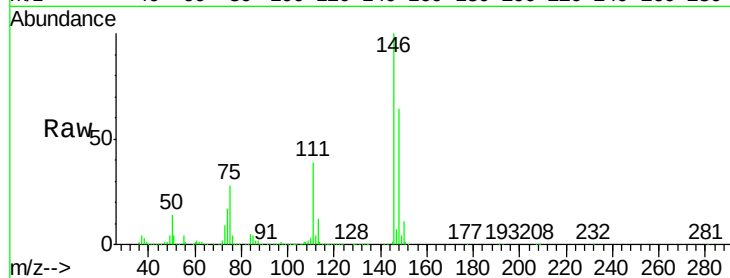




#91
 1,2-Dichlorobenzene
 Concen: 47.38 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

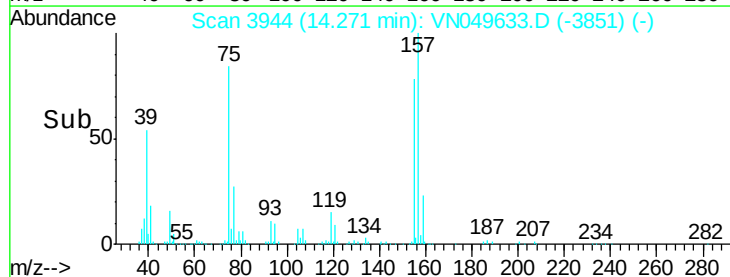
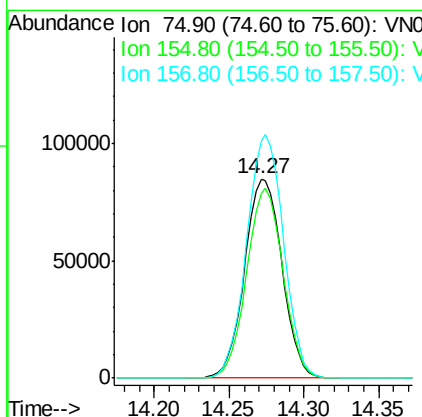
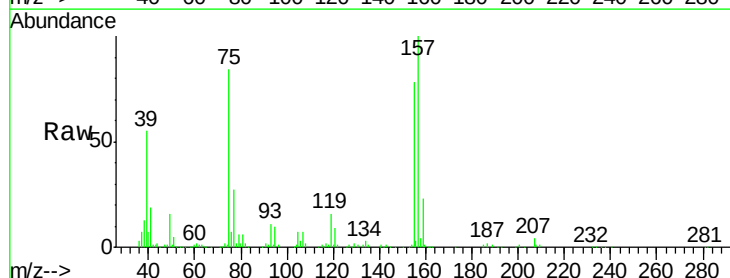
Instrument :
 MSVOA_N
 ClientSampled :

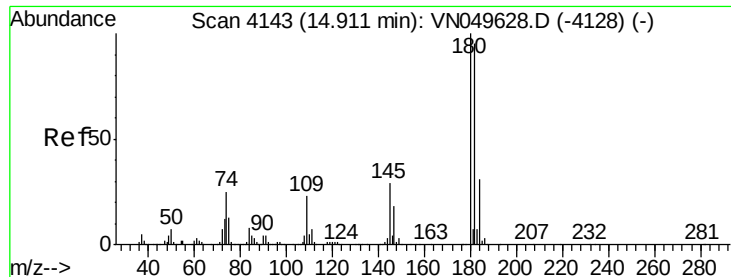
Tot Ion:146 Resp: 1852745
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.8 62.2
 148 63.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.02 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion: 75 Resp: 147964
 Ion Ratio Lower Upper
 75 100
 155 92.8 38.8 116.3
 157 120.6 51.0 153.1

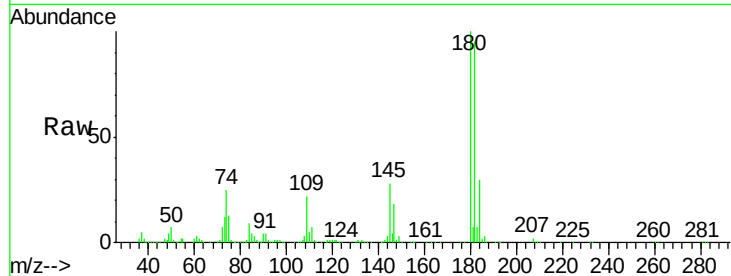




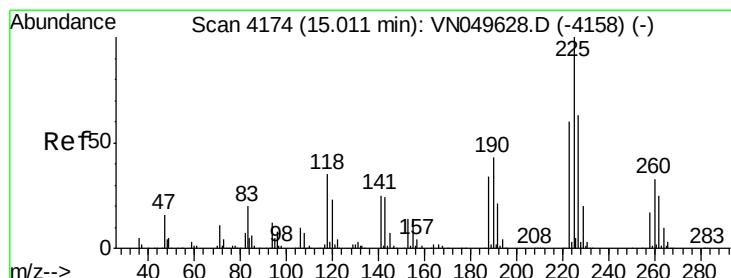
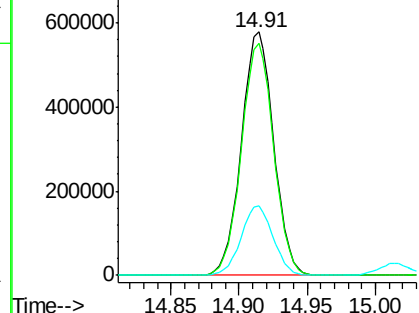
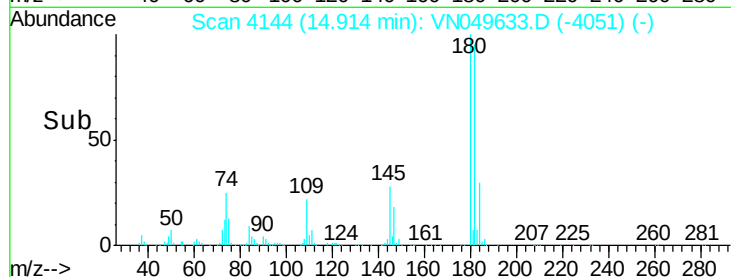
#93
 1,2,4-Trichlorobenzene
 Concen: 46.51 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.9	140.8
145	28.3	14.7	44.1

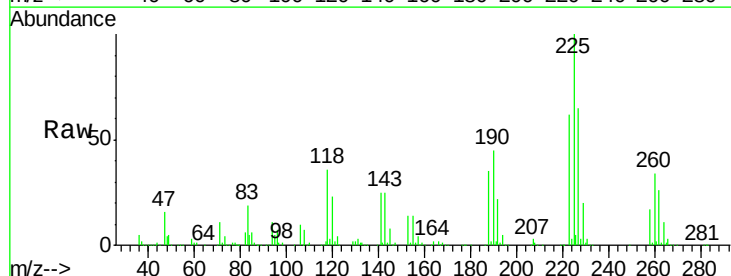


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

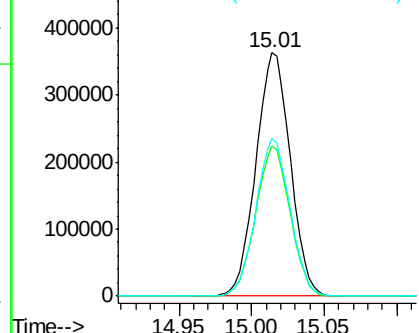
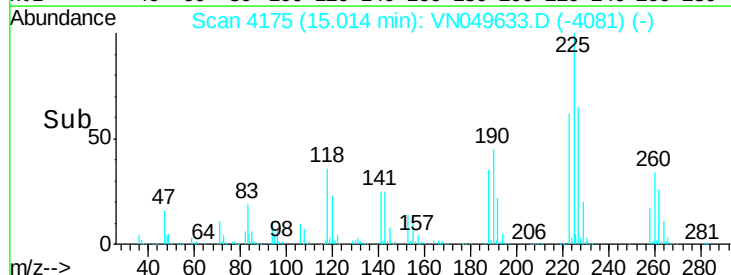


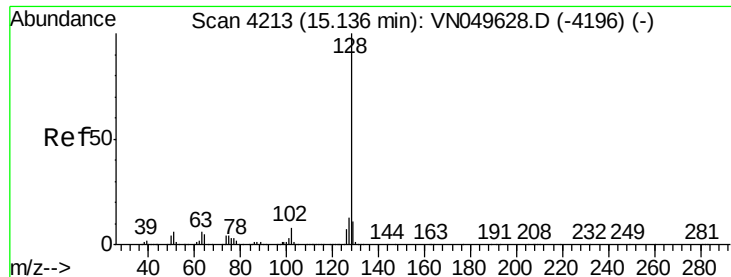
#94
 Hexachlorobutadiene
 Concen: 51.00 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049633.D
 Acq: 29 Jun 2018 15:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	32.1	96.3
227	64.3	31.8	95.3



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





#95

Naphthalene

Concen: 47.07 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

Instrument :

MSVOA_N

ClientSampled :

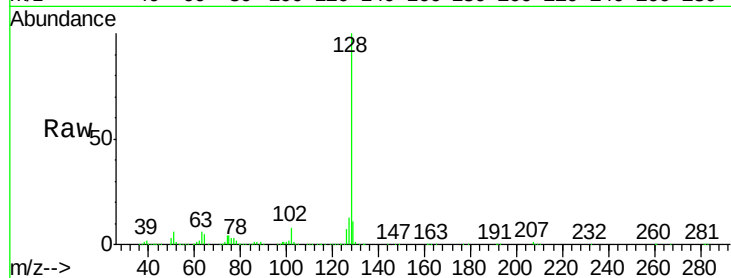
Tot Ion:128 Resp: 1996252

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

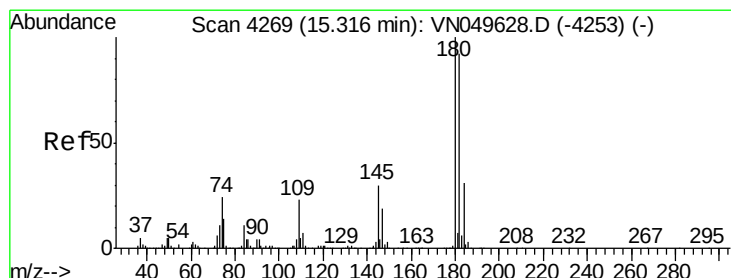
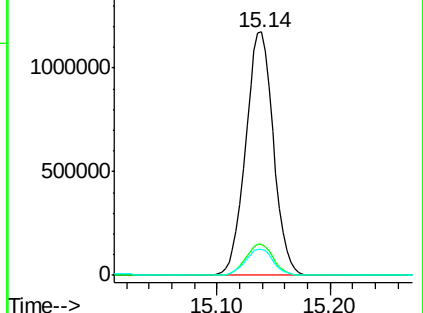
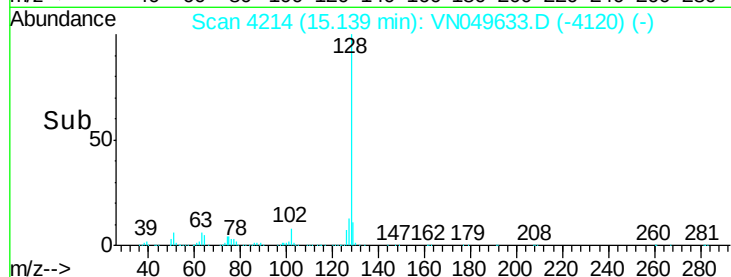
129 10.8 8.5 12.7



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: 46.61 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049633.D

Acq: 29 Jun 2018 15:35

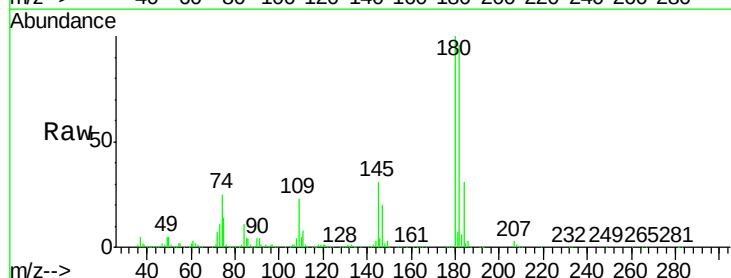
Tgt Ion:180 Resp: 901719

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.8

145 30.5 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

