

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049533.D
 Acq On : 26 Jun 2018 1:46
 Operator : MD\SY
 Sample : VN0625WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

Quant Time: Jun 26 03:31:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1404035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2111841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1901237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	860578	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	909158	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.59	113	821925	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
50) Toluene-d8	10.09	98	3087708	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	12.40	95	995206	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	263990	16.34	ug/l	98
3) Chloromethane	2.06	50	345842	16.57	ug/l	100
4) Vinyl Chloride	2.18	62	382970	17.27	ug/l	100
5) Bromomethane	2.57	94	228759	19.62	ug/l	98
6) Chloroethane	2.71	64	242708	18.35	ug/l	99
7) Trichlorofluoromethane	3.02	101	525396	18.99	ug/l	100
8) Diethyl Ether	3.41	74	178583	18.49	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	324374	18.48	ug/l	94
10) Methyl Iodide	3.95	142	364937	19.98	ug/l	92
11) Tert butyl alcohol	4.79	59	100885	92.30	ug/l #	70
12) 1,1-Dichloroethene	3.73	96	292892	18.19	ug/l	88
13) Acrolein	3.61	56	128531	112.14	ug/l	98
14) Allyl chloride	4.32	41	463187	18.22	ug/l	90
15) Acrylonitrile	5.00	53	510657	93.44	ug/l	99
16) Acetone	3.82	43	355428	78.61	ug/l	92
17) Carbon Disulfide	4.05	76	836540	16.58	ug/l	100
18) Methyl Acetate	4.33	43	288610	20.93	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	794716	19.36	ug/l	98
20) Methylene Chloride	4.55	84	349448	18.50	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	315154	18.49	ug/l	92
22) Diisopropyl ether	5.96	45	1011577	19.93	ug/l	97
23) Vinyl Acetate	5.90	43	3081477	93.12	ug/l	96
24) 1,1-Dichloroethane	5.85	63	615367	18.94	ug/l	99
25) 2-Butanone	6.84	43	540787	89.07	ug/l	97
26) 2,2-Dichloropropane	6.82	77	431267	16.44	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	366827	19.36	ug/l	89
28) Bromochloromethane	7.20	49	288285	20.01	ug/l #	83
29) Tetrahydrofuran	7.22	42	360277	92.19	ug/l	93
30) Chloroform	7.37	83	629121	19.46	ug/l	100
31) Cyclohexane	7.66	56	522835	18.87	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	538820	19.53	ug/l	96
36) 1,1-Dichloropropene	7.79	75	455428	18.82	ug/l	97
37) Ethyl Acetate	6.93	43	240067	18.24	ug/l #	95
38) Carbon Tetrachloride	7.77	117	477136	19.04	ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VN0625WBSD02

Quant Time: Jun 26 03:31:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.08	83	457875	17.62	ug/l	98
40) Benzene	8.04	78	1400614	18.88	ug/l	98
41) Methacrylonitrile	7.18	41	139795	19.65	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	440337	19.21	ug/l	96
43) Isopropyl Acetate	8.17	43	484075	19.25	ug/l	97
44) Trichloroethene	8.84	130	382052	19.50	ug/l	93
45) 1,2-Dichloropropane	9.12	63	372004	19.15	ug/l	99
46) Dibromomethane	9.21	93	214797	19.07	ug/l	90
47) Bromodichloromethane	9.40	83	472675	19.09	ug/l	94
48) Methyl methacrylate	9.20	41	220241	18.60	ug/l	87
49) 1,4-Dioxane	9.20	88	56012	342.79	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1254539	95.21	ug/l	95
52) Toluene	10.16	92	852253	19.57	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	430162	18.16	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	510188	18.24	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	305558	18.82	ug/l	98
56) Ethyl methacrylate	10.43	69	343862	18.36	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	515731	19.17	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	470436	80.55	ug/l	96
59) 2-Hexanone	10.75	43	766948	90.28	ug/l	95
60) Dibromochloromethane	10.90	129	338349	18.67	ug/l	98
61) 1,2-Dibromoethane	11.01	107	286766	19.00	ug/l	100
64) Tetrachloroethene	10.63	164	423487	21.74	ug/l	98
65) Chlorobenzene	11.44	112	923397	18.85	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	350326	19.01	ug/l	99
67) Ethyl Benzene	11.51	91	1552645	19.11	ug/l	97
68) m/p-Xylenes	11.62	106	1194661	39.18	ug/l	96
69) o-Xylene	11.95	106	571968	19.48	ug/l	96
70) Styrene	11.97	104	893834	19.29	ug/l	98
71) Bromoform	12.13	173	225905	18.93	ug/l #	100
73) Isopropylbenzene	12.25	105	1519762	20.11	ug/l	98
74) N-amyl acetate	12.07	43	332991	17.99	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	327520	19.71	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	417008	28.40	ug/l #	100
77) Bromobenzene	12.53	156	385387	19.31	ug/l	90
78) n-propylbenzene	12.59	91	1680062	20.25	ug/l	99
79) 2-Chlorotoluene	12.68	91	1039500	19.77	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1229791	20.71	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	79080	17.02	ug/l	93
82) 4-Chlorotoluene	12.78	91	1010542	19.93	ug/l	97
83) tert-Butylbenzene	12.99	119	1042523	19.81	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1226560	20.79	ug/l	99
85) sec-Butylbenzene	13.17	105	1378690	19.69	ug/l	99
86) p-Isopropyltoluene	13.29	119	1146179	19.59	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	627295	19.11	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	603207	18.54	ug/l	99
89) n-Butylbenzene	13.62	91	800004	17.51	ug/l	99
90) Hexachloroethane	13.88	117	235087	20.22	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	616715	19.15	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46409	17.64	ug/l	87

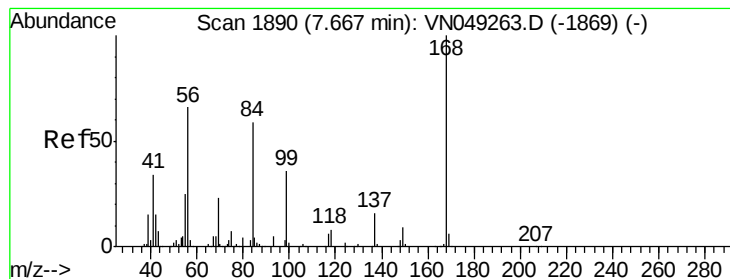
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
Data File : VN049533.D
Acq On : 26 Jun 2018 1:46
Operator : MD\SY
Sample : VN0625WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

Quant Time: Jun 26 03:31:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	180373	15.80	ug/l	99
94) Hexachlorobutadiene	15.01	225	193250	18.82	ug/l	99
95) Naphthalene	15.14	128	350756	16.20	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	202879	16.55	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

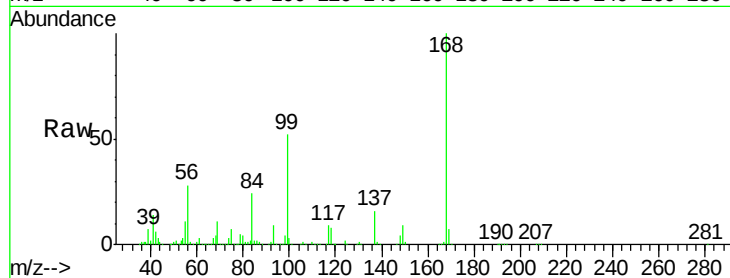
VN0625WBSD02

Tot Ion:168 Resp: 1404035

Ion Ratio Lower Upper

168 100

99 51.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

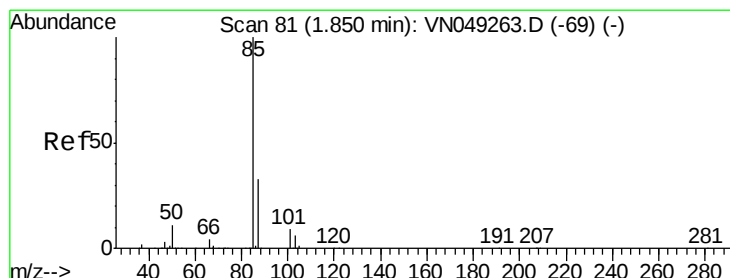
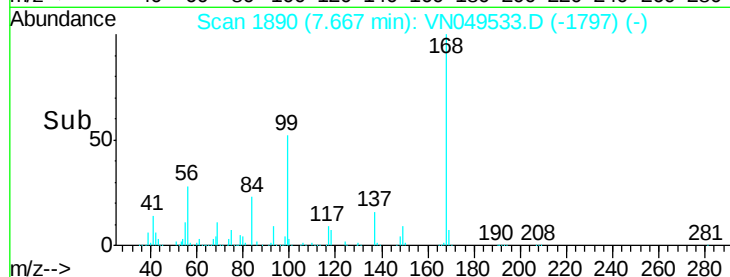
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 16.34 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049533.D

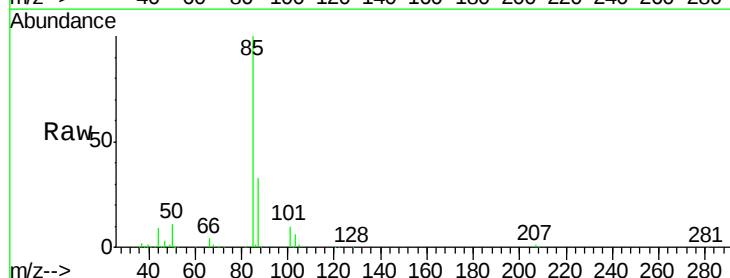
Acq: 26 Jun 2018 1:46

Tgt Ion: 85 Resp: 263990

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

200000

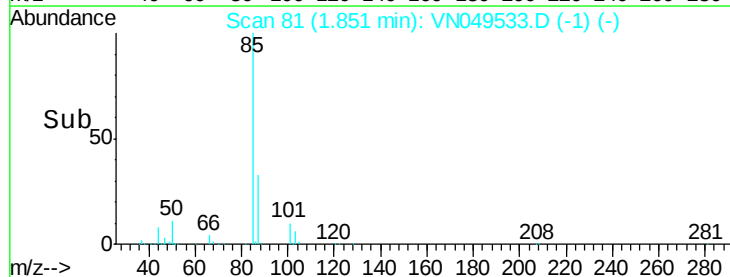
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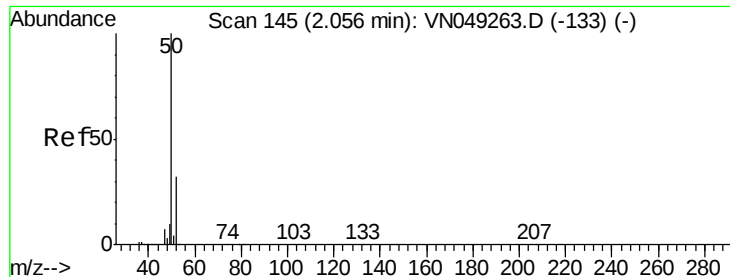
100000

50000

0

Time--> 1.80 1.85 1.90 1.95

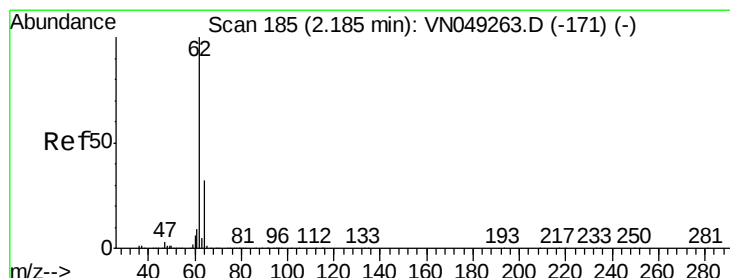
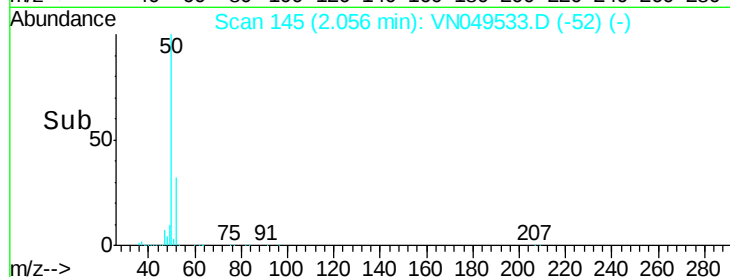
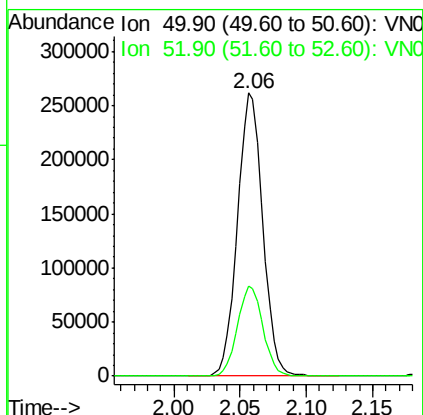
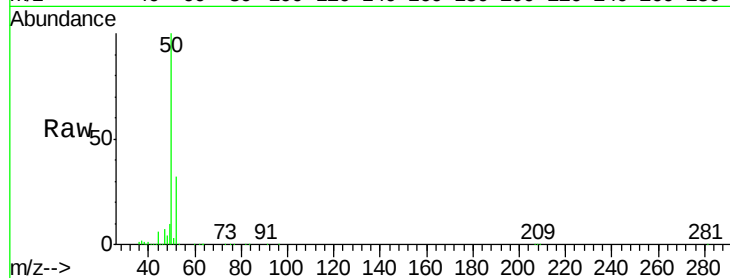




#3
Chloromethane
Concen: 16.57 ug/l
RT: 2.06 min Scan# 145
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

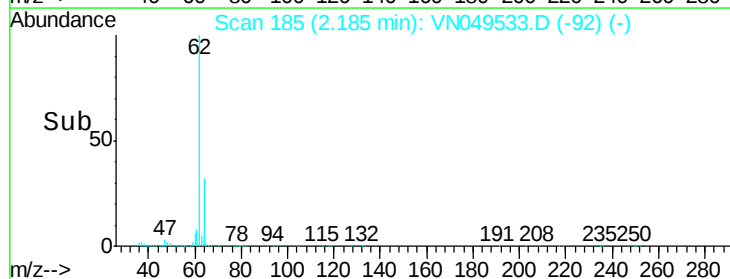
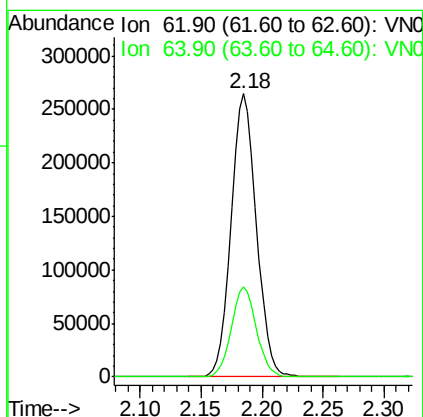
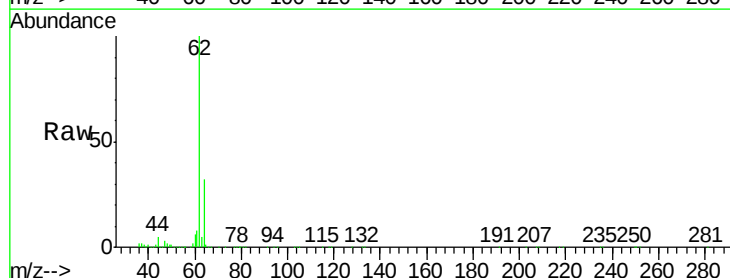
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

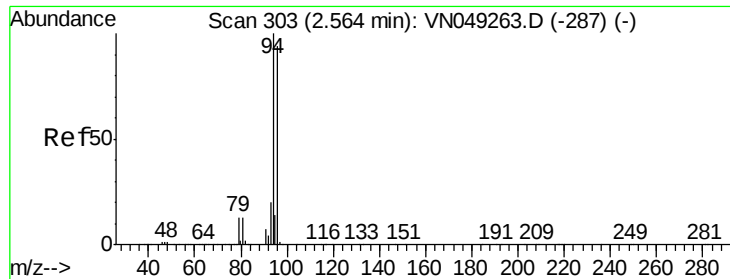
Tot Ion: 50 Resp: 345842
Ion Ratio Lower Upper
50 100
52 31.7 25.2 37.8



#4
Vinyl Chloride
Concen: 17.27 ug/l
RT: 2.18 min Scan# 185
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion: 62 Resp: 382970
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5





#5

Bromomethane

Concen: 19.62 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

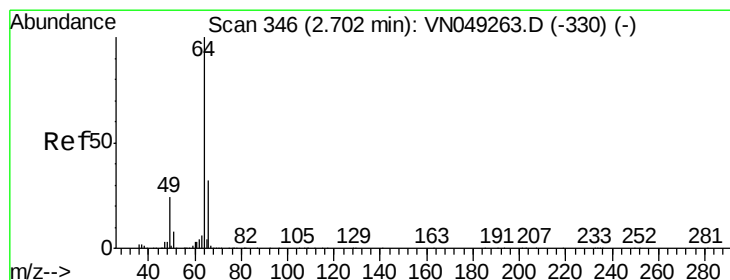
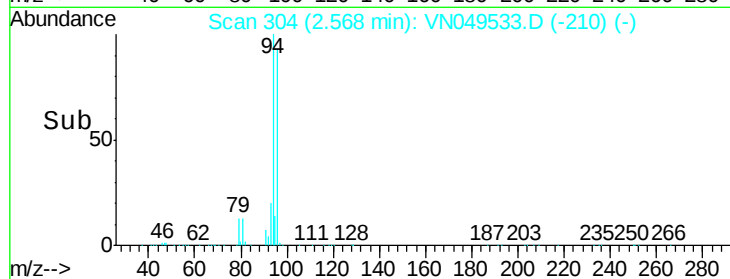
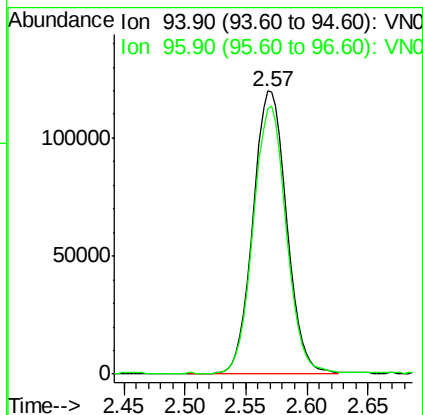
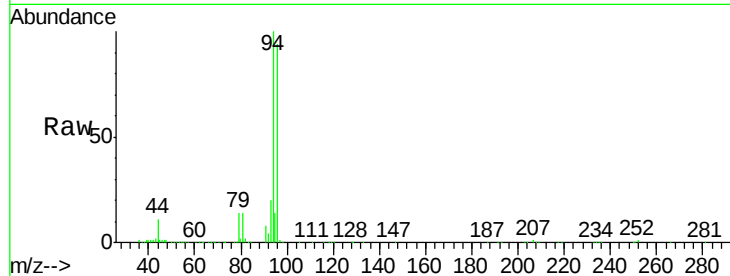
VN0625WBSD02

Tot Ion: 94 Resp: 228759

Ion Ratio Lower Upper

94 100

96 93.1 72.8 109.2



#6

Chloroethane

Concen: 18.35 ug/l

RT: 2.71 min Scan# 347

Delta R.T. 0.00 min

Lab File: VN049533.D

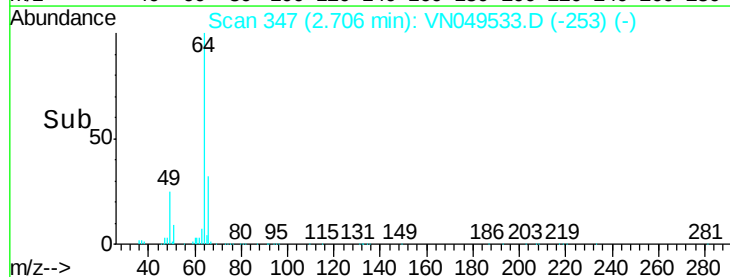
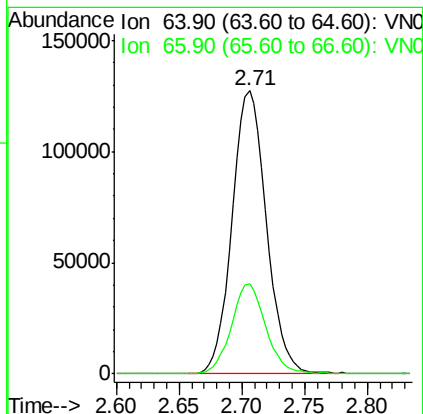
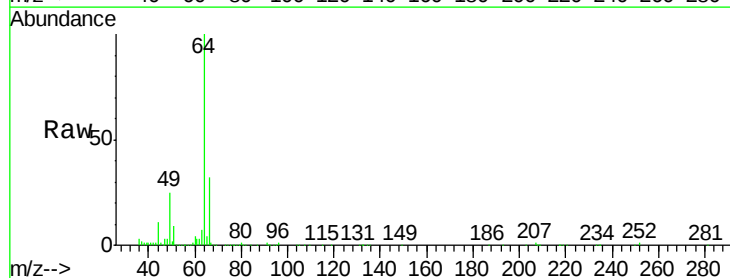
Acq: 26 Jun 2018 1:46

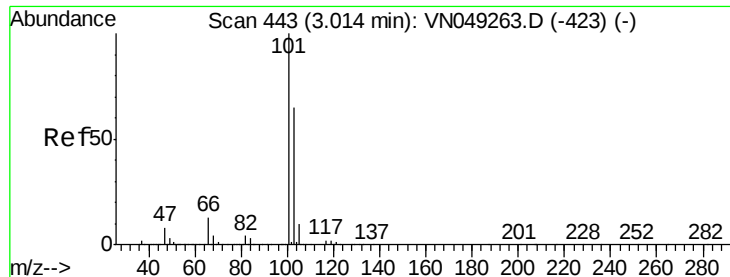
Tgt Ion: 64 Resp: 242708

Ion Ratio Lower Upper

64 100

66 31.5 25.6 38.4





#7

Trichlorofluoromethane

Concen: 18.99 ug/l

RT: 3.02 min Scan# 444

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

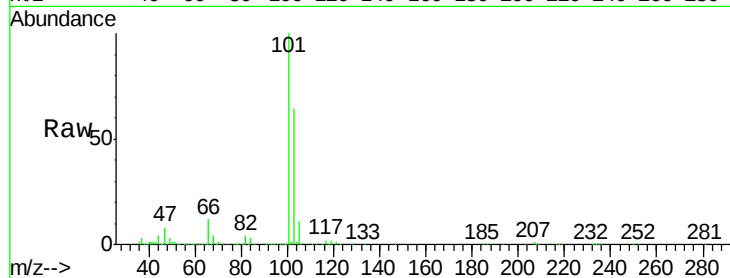
VN0625WBSD02

Tot Ion:101 Resp: 525396

Ion Ratio Lower Upper

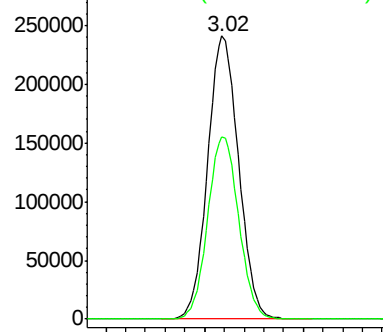
101 100

103 64.4 51.7 77.5

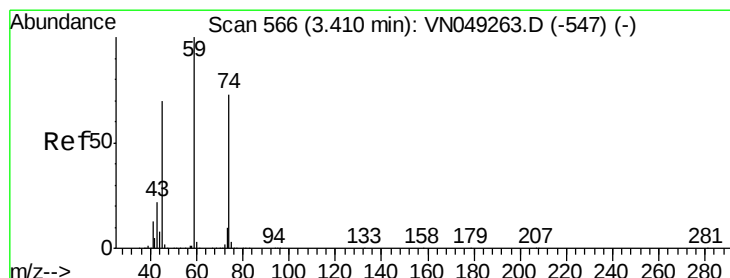
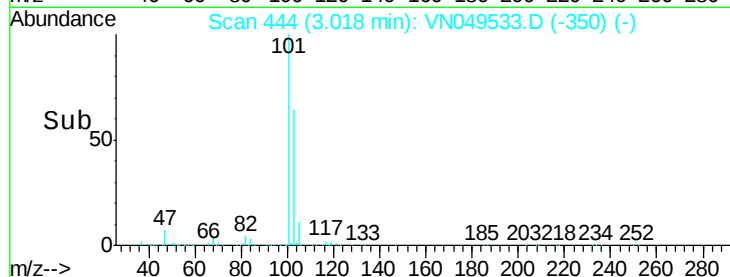


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



Time-->



#8

Diethyl Ether

Concen: 18.49 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049533.D

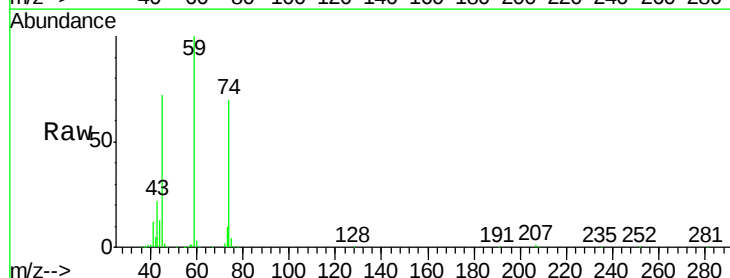
Acq: 26 Jun 2018 1:46

Tgt Ion: 74 Resp: 178583

Ion Ratio Lower Upper

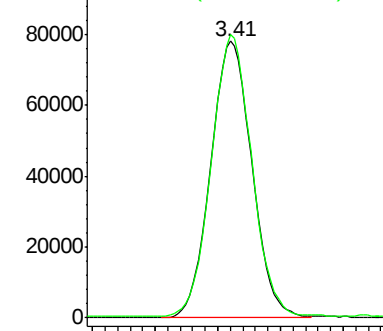
74 100

45 99.3 51.9 155.8

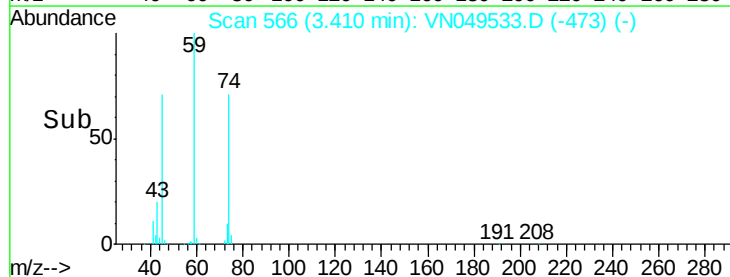


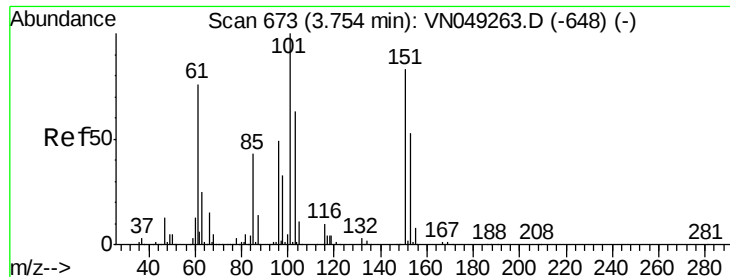
Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.48 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.01 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

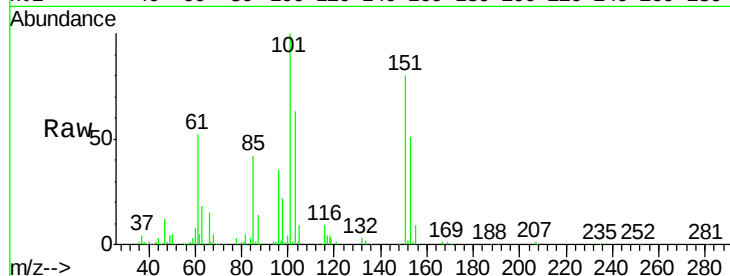
Tot Ion:101 Resp: 324374

Ion Ratio Lower Upper

101 100

85 42.5 37.6 56.4

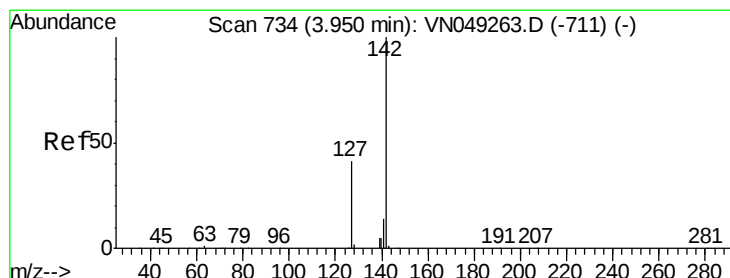
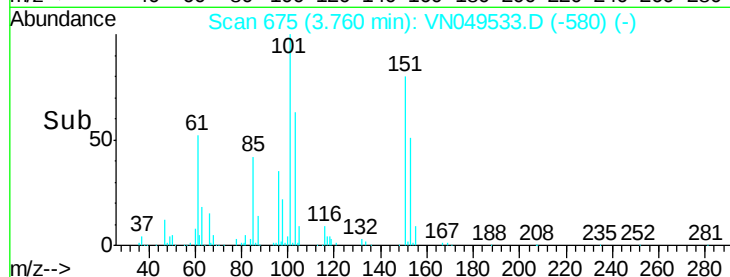
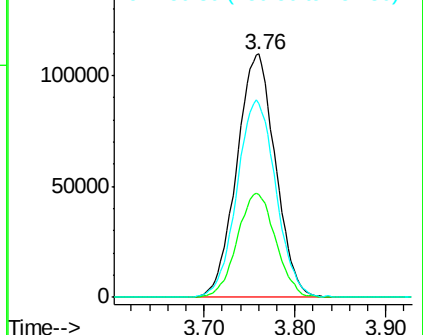
151 81.4 61.1 91.7



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: 19.98 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

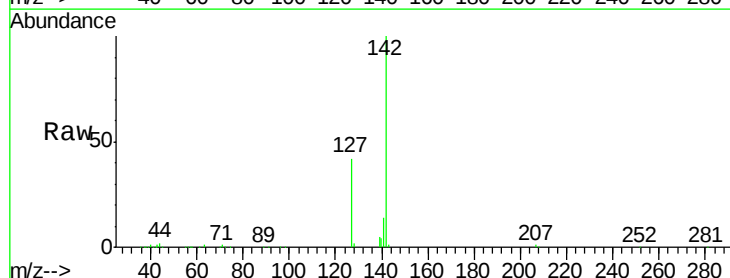
Tgt Ion:142 Resp: 364937

Ion Ratio Lower Upper

142 100

127 40.9 38.2 57.4

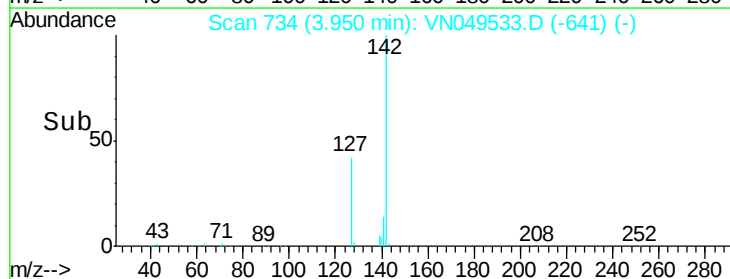
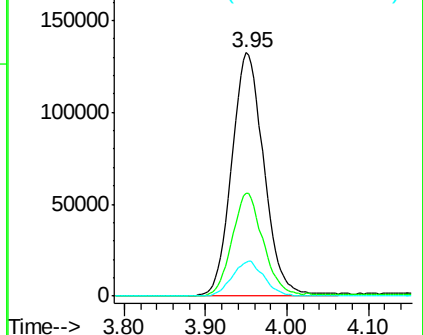
141 14.1 11.9 17.9

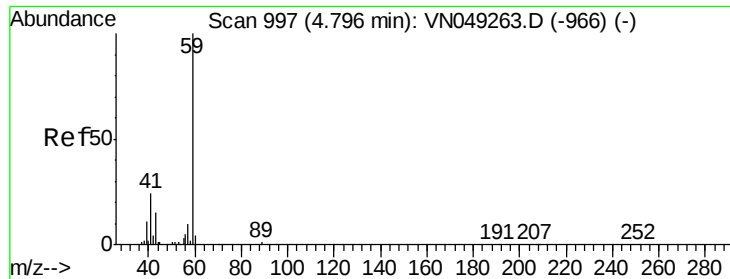


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

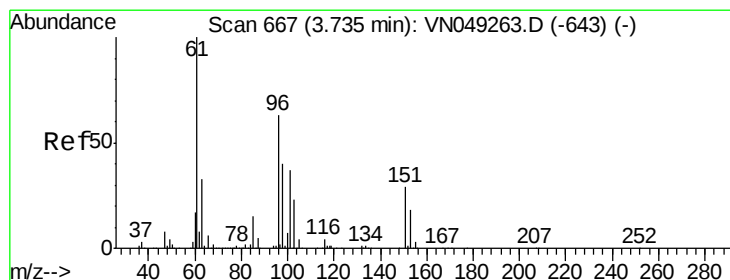
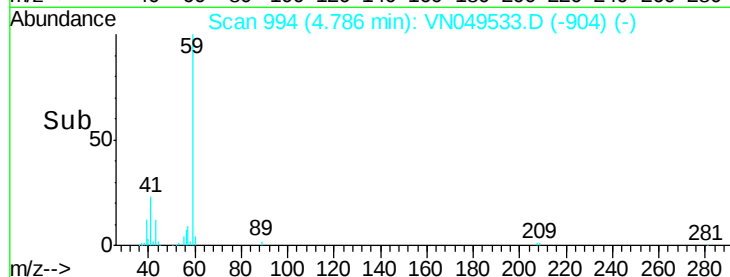
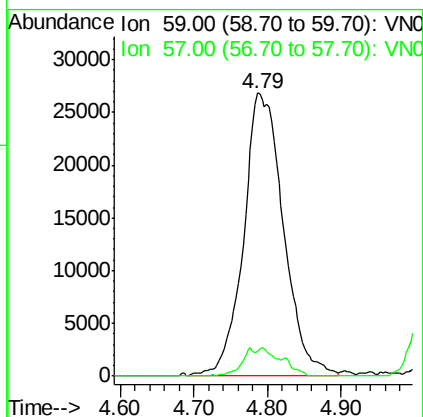
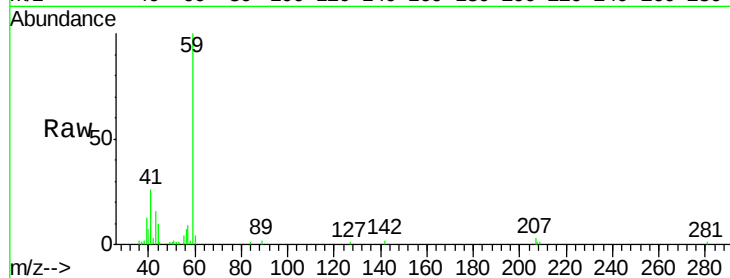




#11
Tert butyl alcohol
Concen: 92.30 ug/l
RT: 4.79 min Scan# 994
Delta R.T. -0.01 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

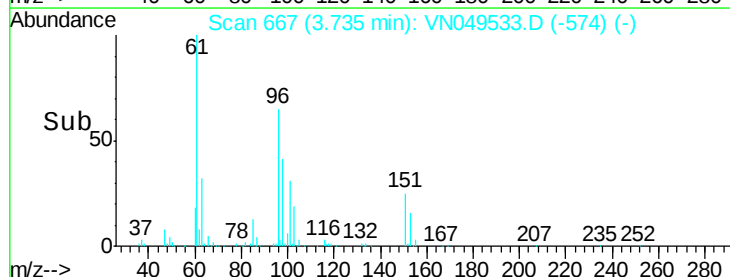
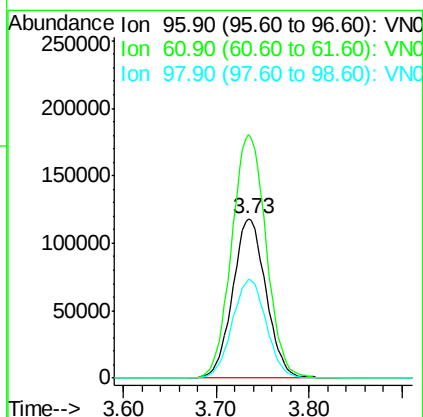
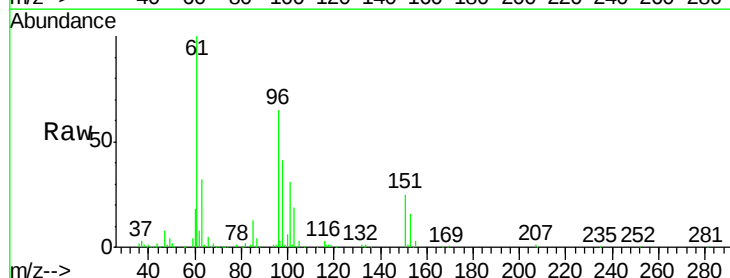
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

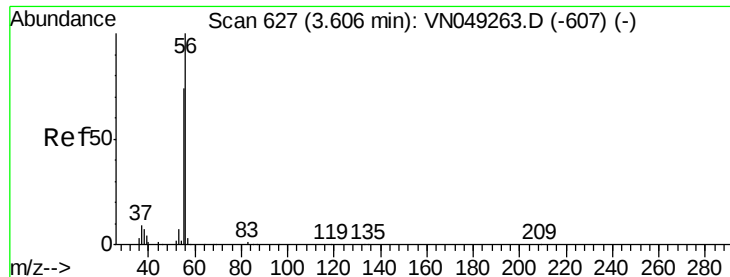
Tot Ion: 59 Resp: 100885
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#



#12
1,1-Dichloroethene
Concen: 18.19 ug/l
RT: 3.73 min Scan# 667
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion: 96 Resp: 292892
Ion Ratio Lower Upper
96 100
61 153.3 141.0 211.4
98 62.2 50.4 75.6





#13

Acrolein

Concen: 112.14 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

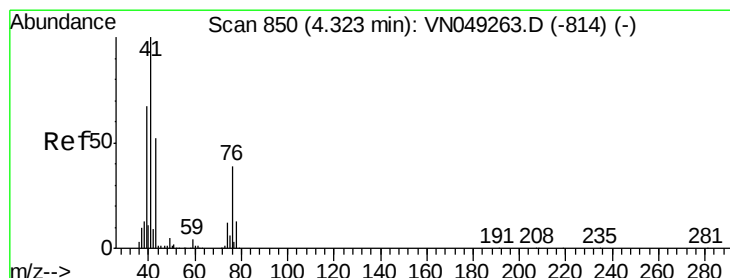
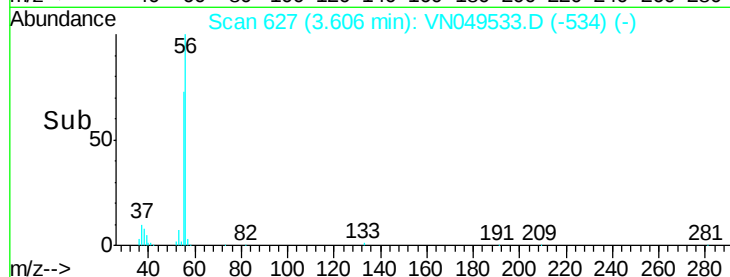
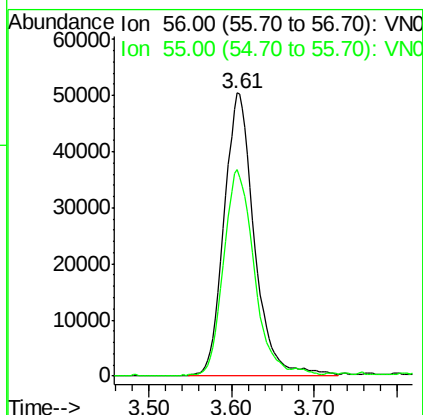
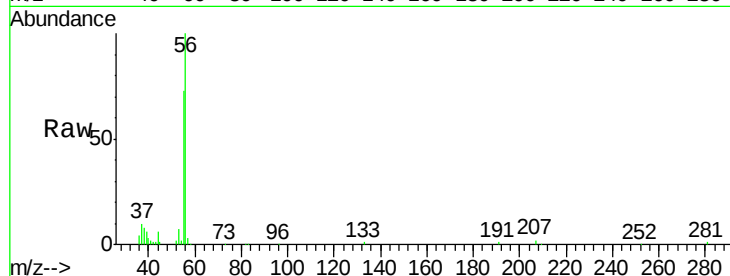
VN0625WBSD02

Tot Ion: 56 Resp: 128531

Ion Ratio Lower Upper

56 100

55 73.0 57.1 85.7



#14

Allyl chloride

Concen: 18.22 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

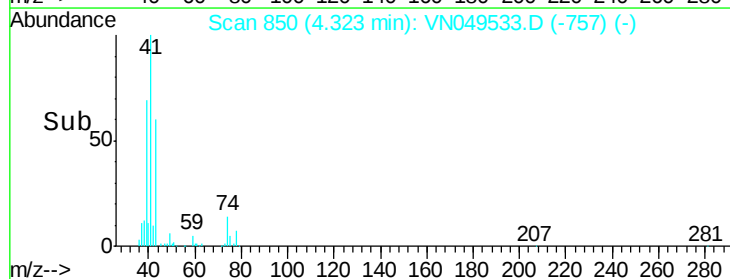
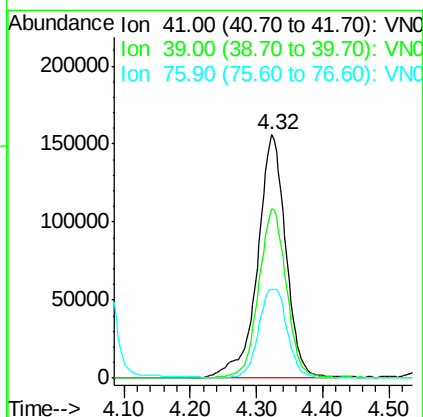
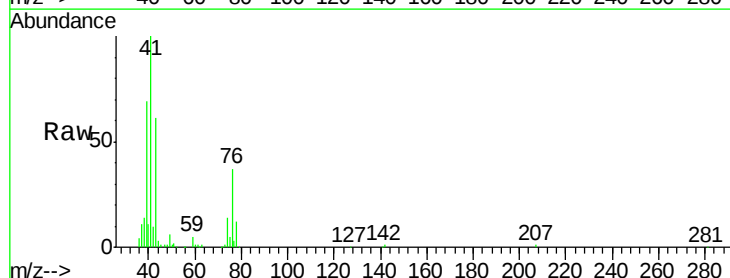
Tgt Ion: 41 Resp: 463187

Ion Ratio Lower Upper

41 100

39 67.1 62.5 93.7

76 35.7 27.1 40.7

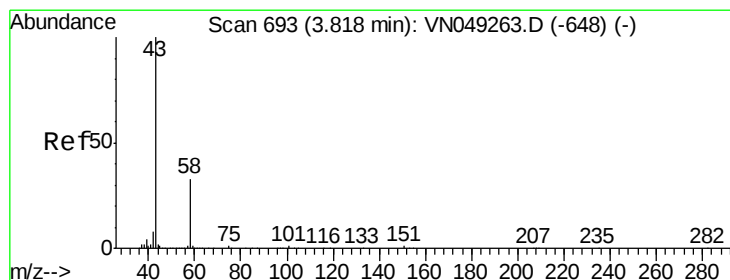
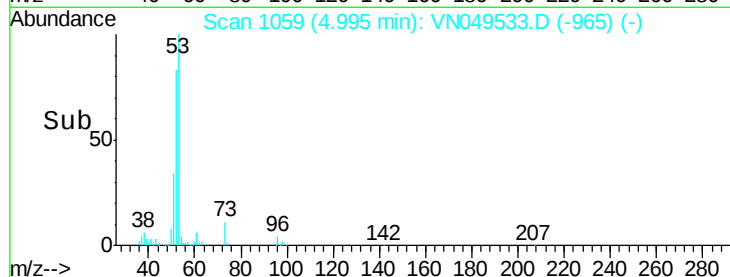
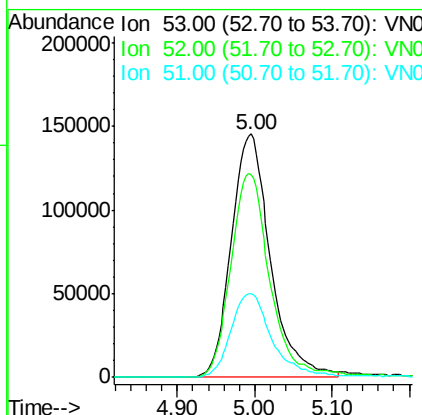
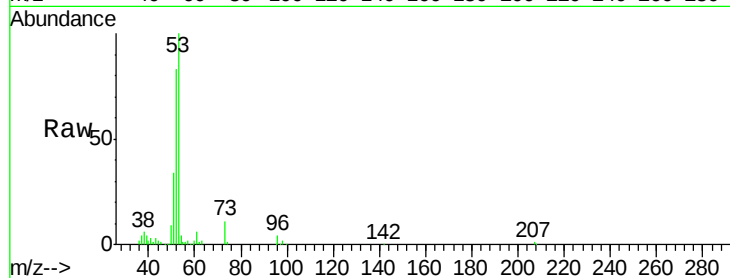




#15
 Acrylonitrile
 Concen: 93.44 ug/l
 RT: 5.00 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

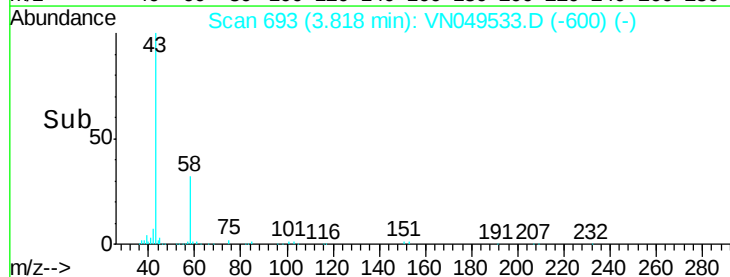
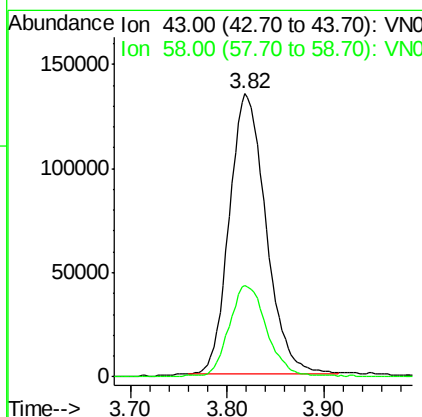
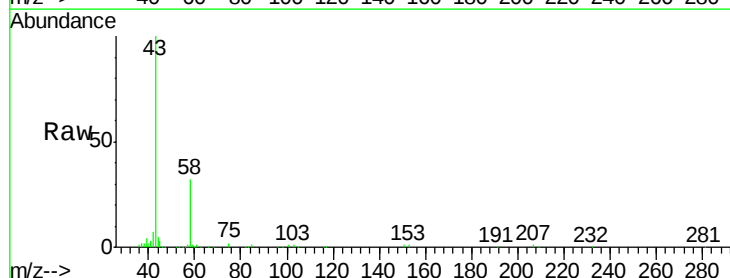
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

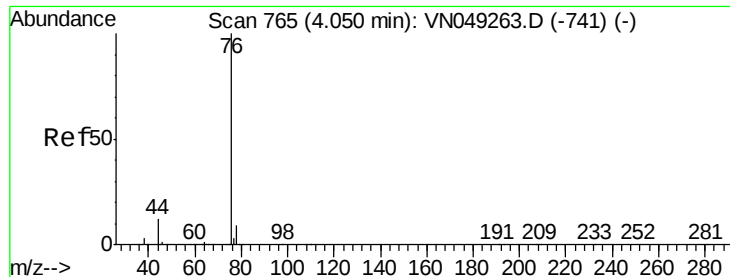
Tot Ion	53	Resp	510657
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.6	100.0
51	36.0	29.8	44.8



#16
 Acetone
 Concen: 78.61 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Tgt Ion	43	Resp	355428
Ion	Ratio	Lower	Upper
43	100		
58	32.3	22.4	33.6

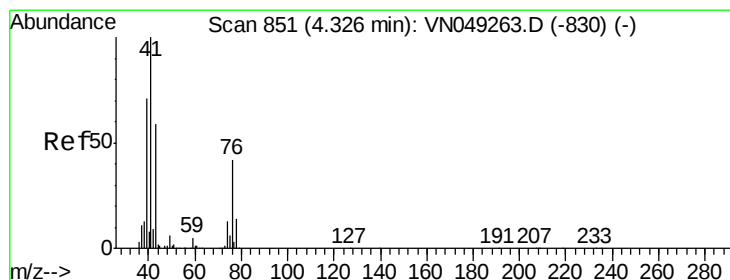
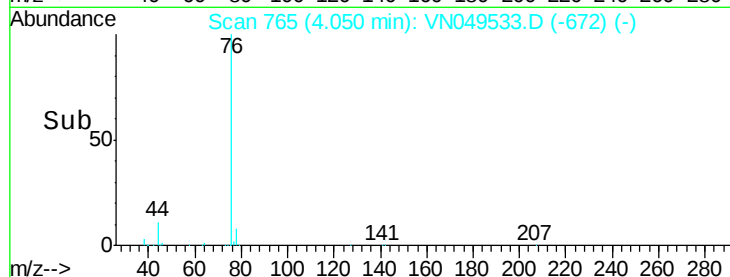
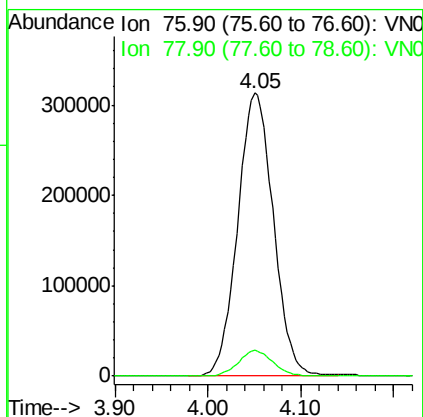
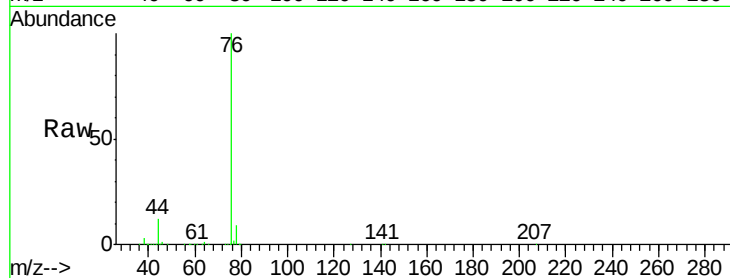




#17
Carbon Disulfide
Concen: 16.58 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

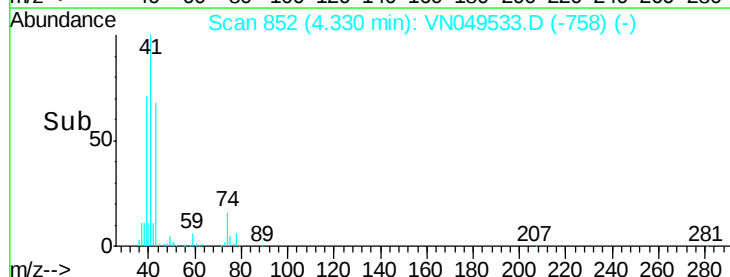
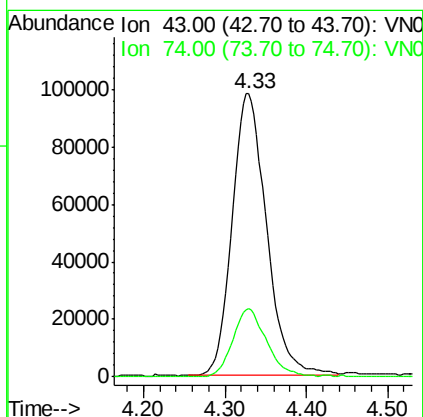
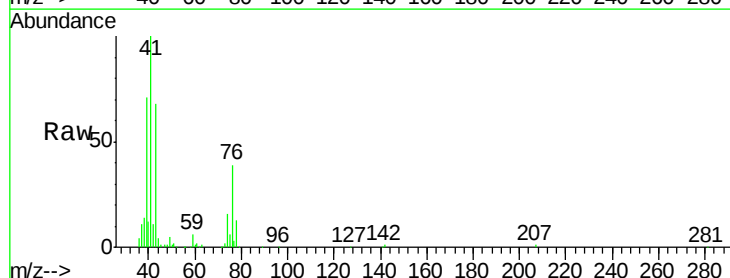
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

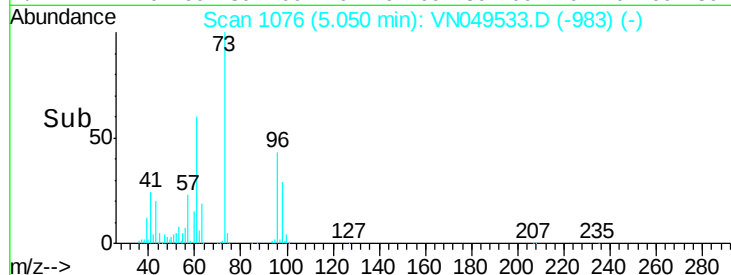
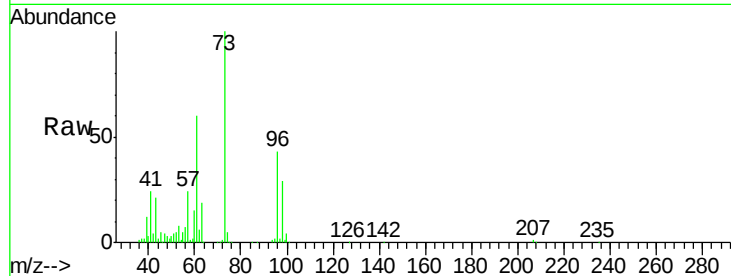
Tot Ion: 76 Resp: 836540
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 20.93 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion: 43 Resp: 288610
Ion Ratio Lower Upper
43 100
74 23.8 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 19.36 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

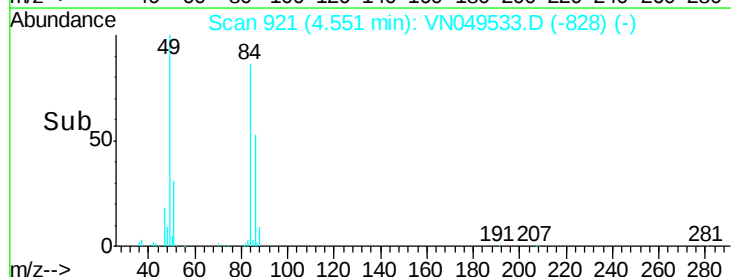
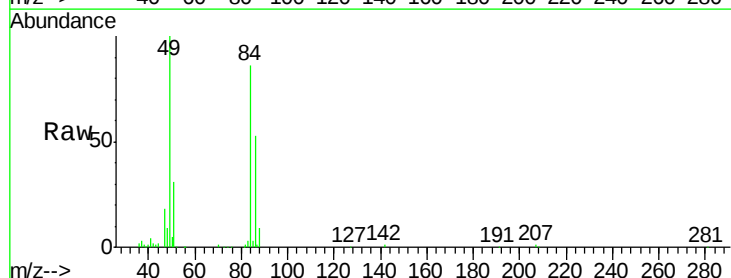
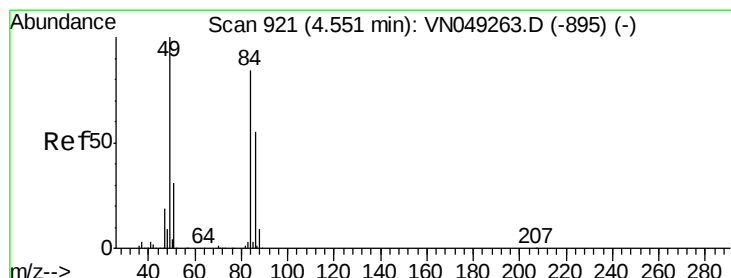
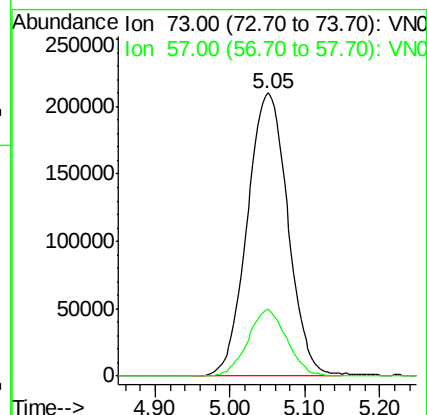
VN0625WBSD02

Tot Ion: 73 Resp: 794716

Ion Ratio Lower Upper

73 100

57 23.6 18.2 27.4



#20

Methylene Chloride

Concen: 18.50 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Tgt Ion: 84 Resp: 349448

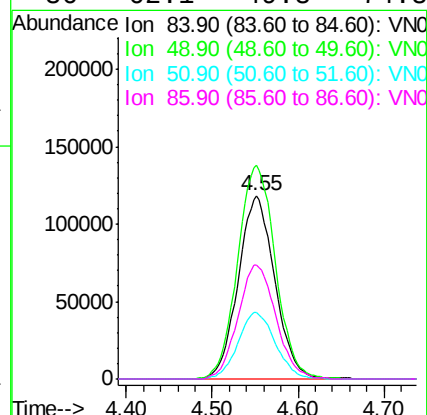
Ion Ratio Lower Upper

84 100

49 116.4 106.9 160.3

51 35.8 32.7 49.1

86 62.1 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 18.49 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

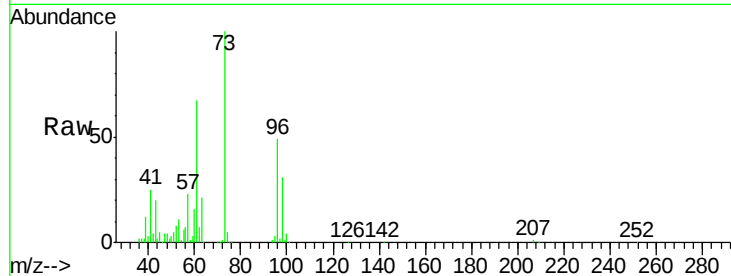
Tot Ion: 96 Resp: 315154

Ion Ratio Lower Upper

96 100

61 138.1 121.3 181.9

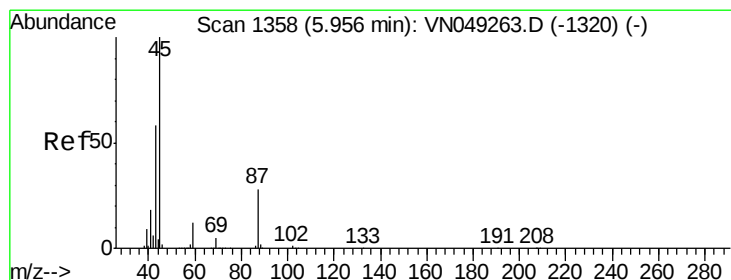
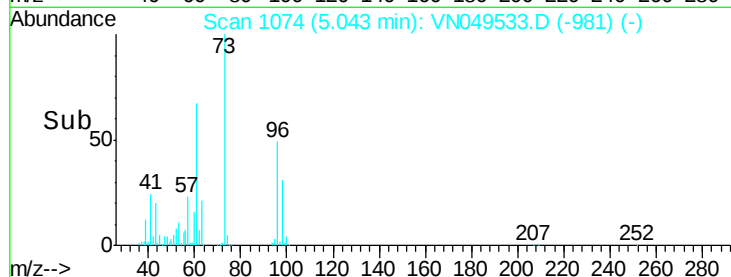
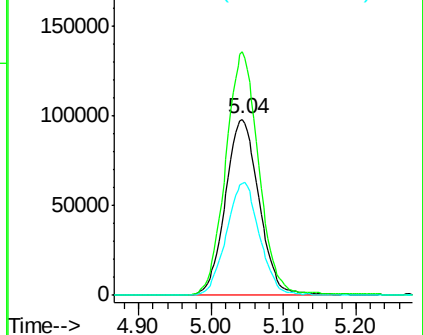
98 63.8 52.0 78.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.93 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Tgt Ion: 45 Resp: 1011577

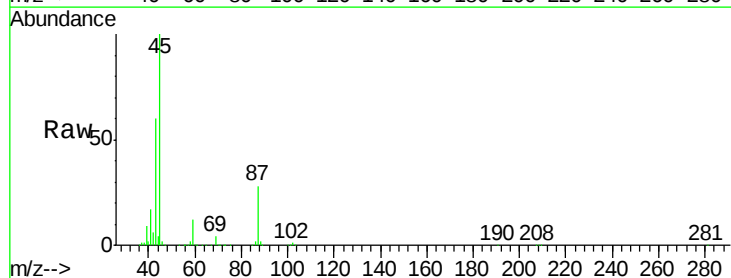
Ion Ratio Lower Upper

45 100

43 58.6 48.6 72.8

87 27.5 20.2 30.2

59 11.6 9.0 13.4

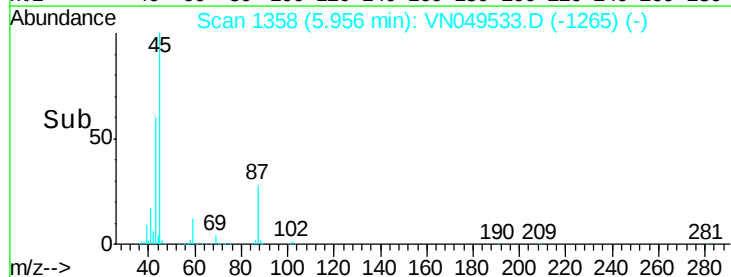
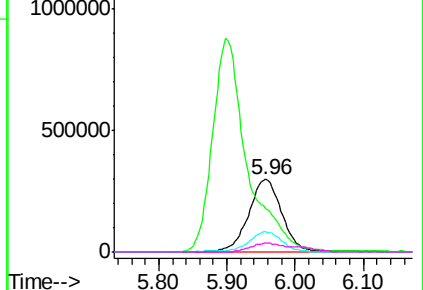


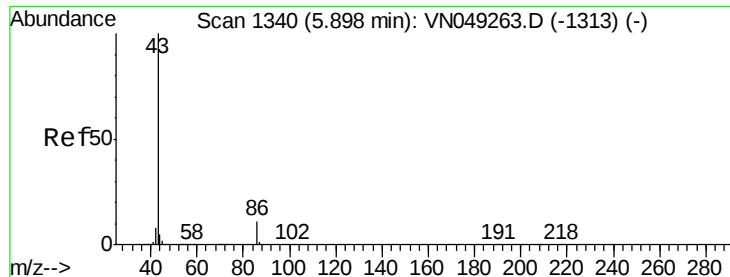
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

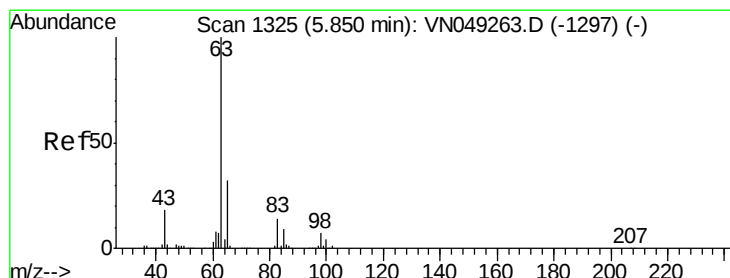
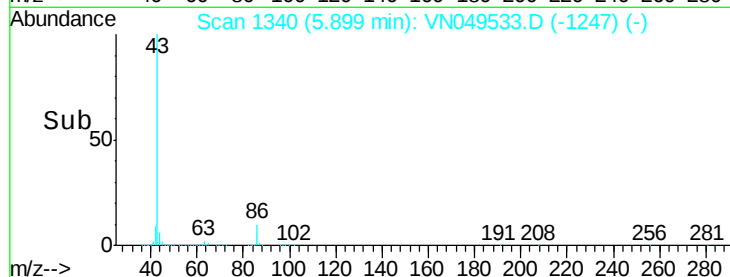
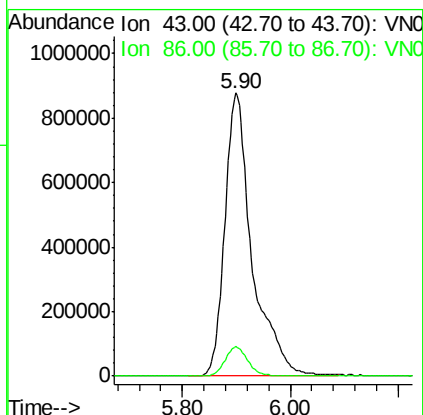
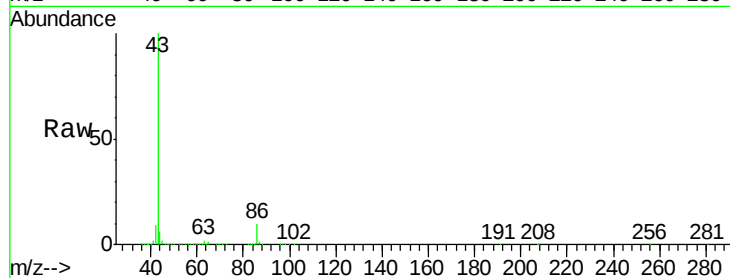




#23
 Vinyl Acetate
 Concen: 93.12 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

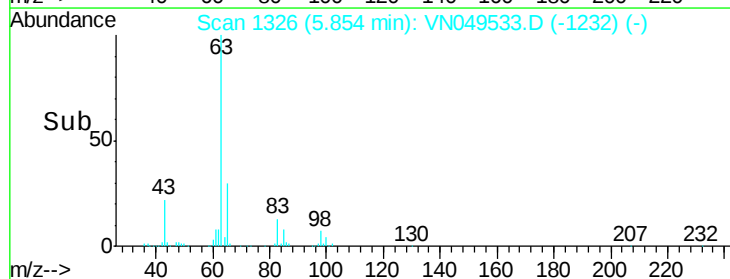
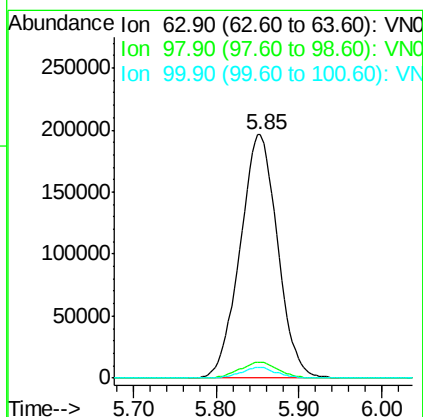
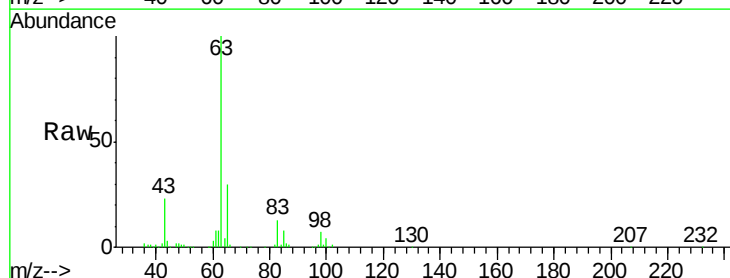
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

Tot Ion: 43 Resp: 3081477
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 18.94 ug/l
 RT: 5.85 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Tgt Ion: 63 Resp: 615367
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.9 8.8
 100 4.3 2.1 6.3





#25

2-Butanone

Concen: 89.07 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

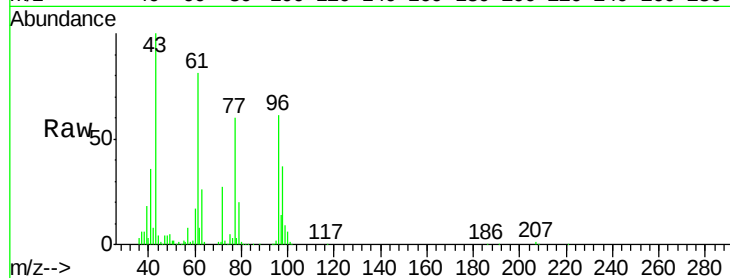
VN0625WBSD02

Tot Ion: 43 Resp: 540787

Ion Ratio Lower Upper

43 100

72 26.6 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

200000

150000

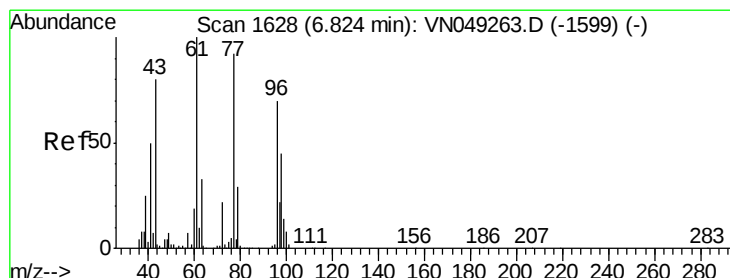
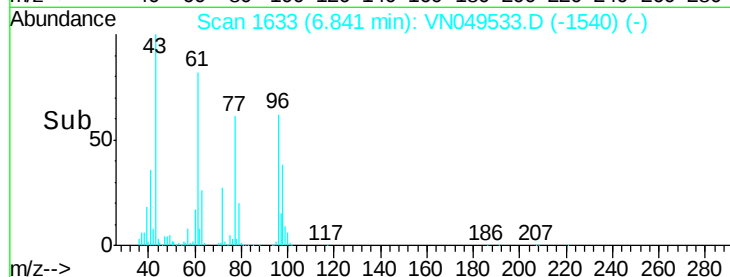
100000

50000

0

6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 16.44 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049533.D

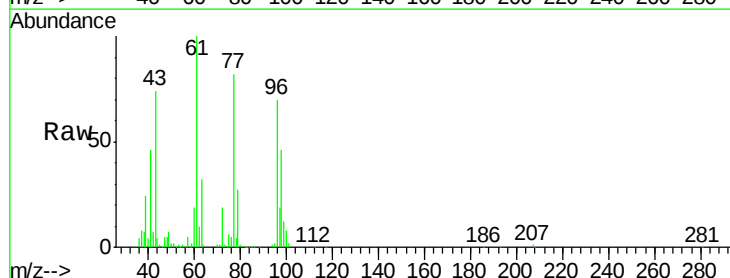
Acq: 26 Jun 2018 1:46

Tgt Ion: 77 Resp: 431267

Ion Ratio Lower Upper

77 100

97 23.5 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

150000

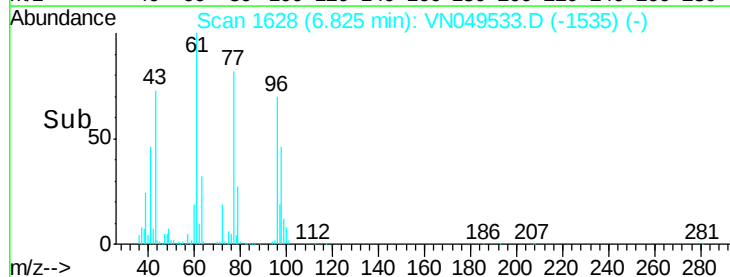
100000

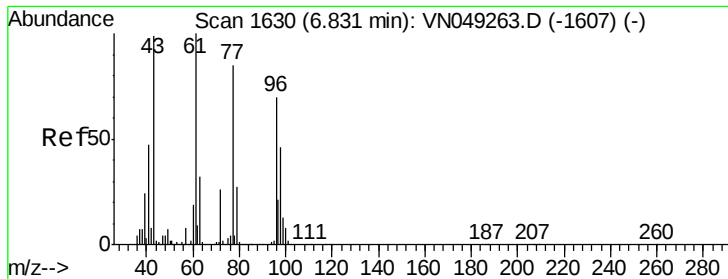
50000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 19.36 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

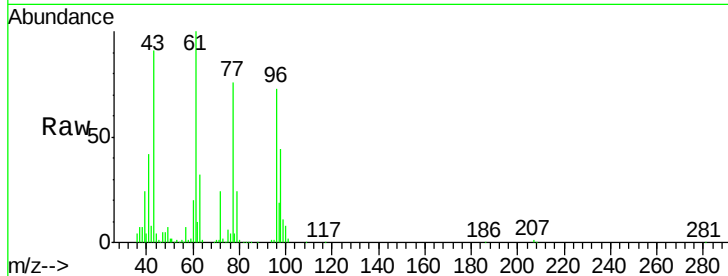
Tot Ion: 96 Resp: 366827

Ion Ratio Lower Upper

96 100

61 139.9 0.0 316.4

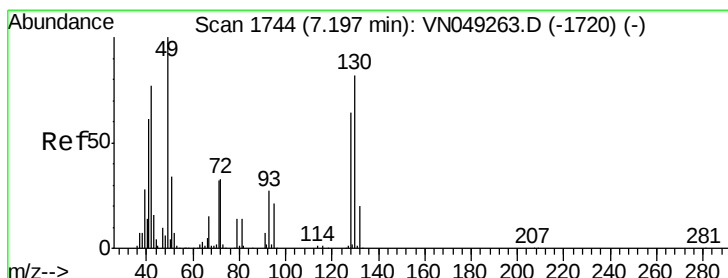
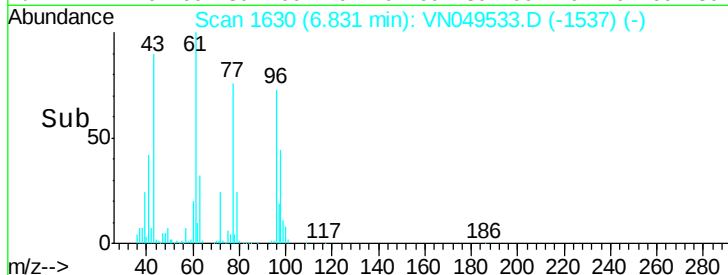
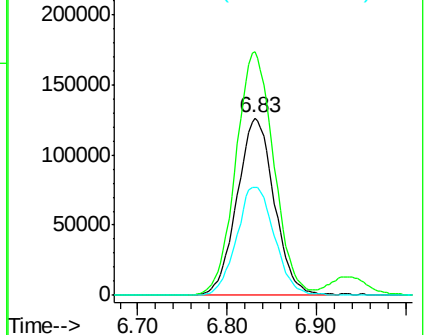
98 62.1 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.01 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

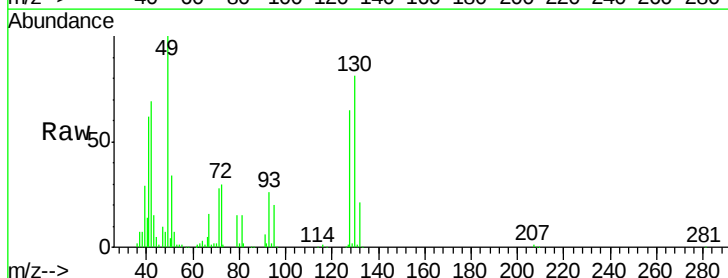
Tgt Ion: 49 Resp: 288285

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

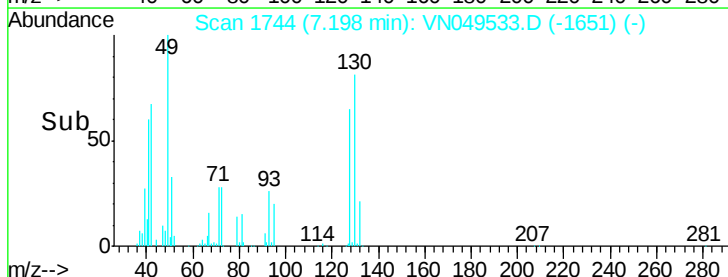
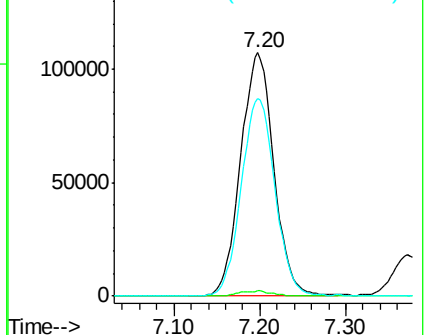
130 82.5 54.9 82.3#

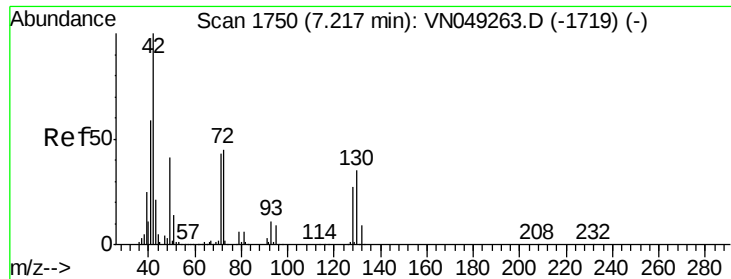


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 92.19 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

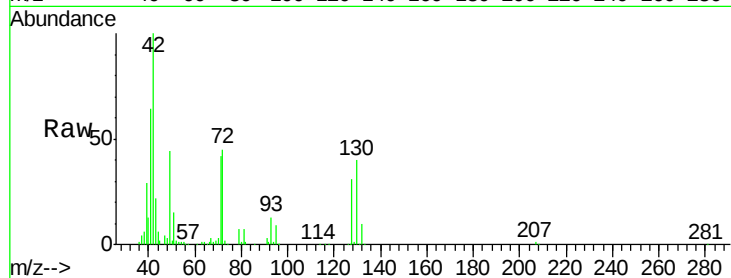
Tot Ion: 42 Resp: 360277

Ion Ratio Lower Upper

42 100

72 44.7 32.2 48.4

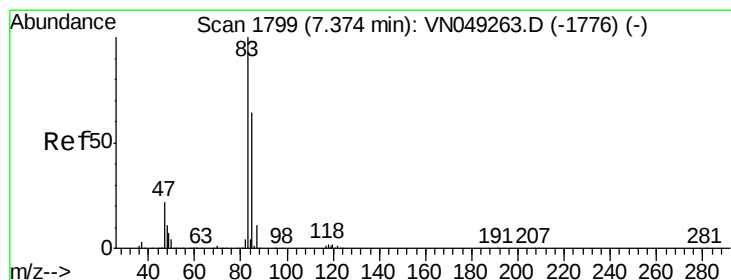
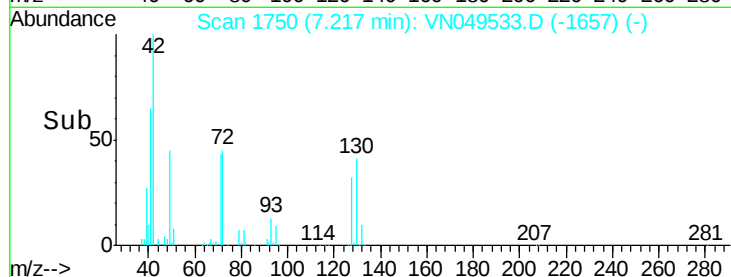
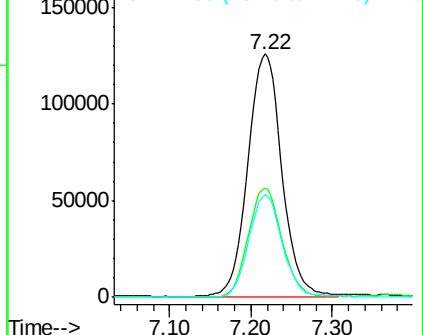
71 41.7 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.46 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049533.D

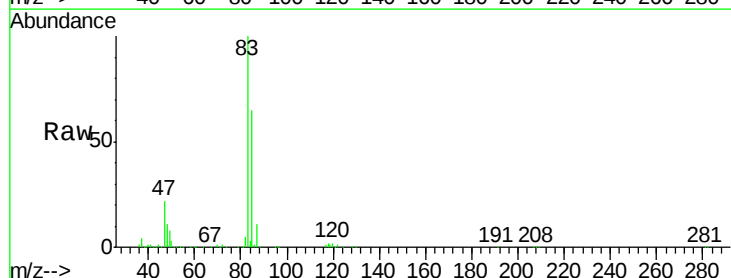
Acq: 26 Jun 2018 1:46

Tgt Ion: 83 Resp: 629121

Ion Ratio Lower Upper

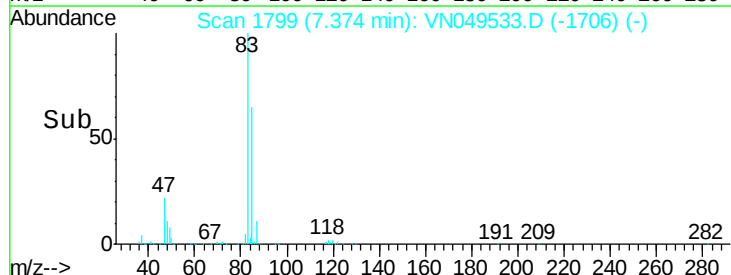
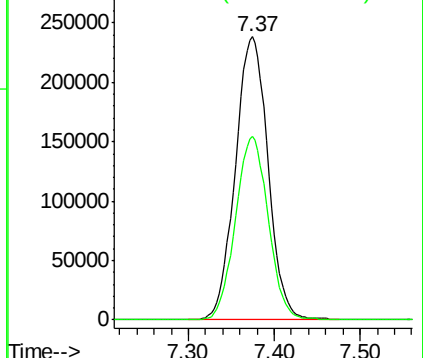
83 100

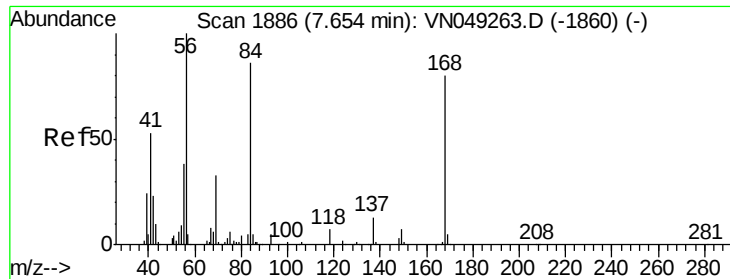
85 64.9 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

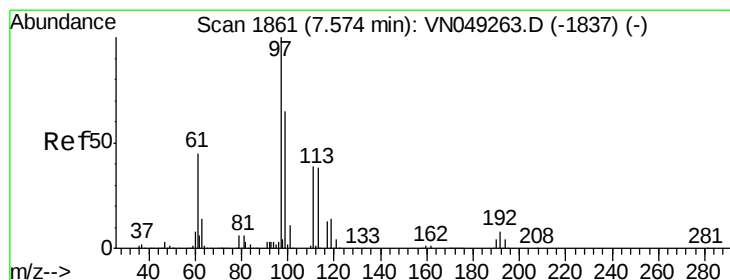
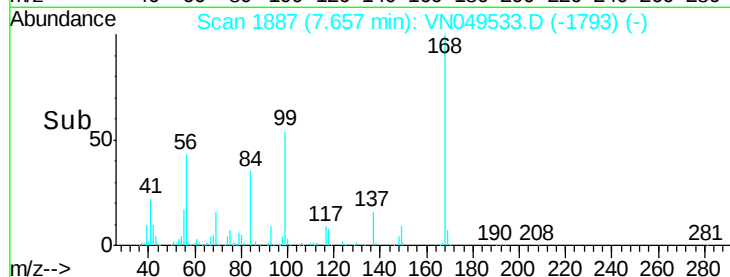
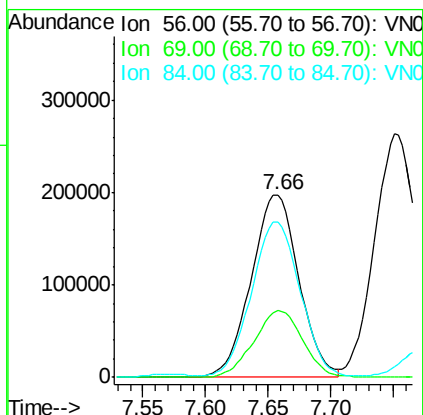
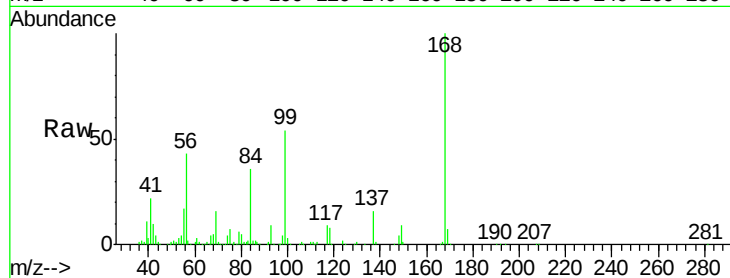




#31
Cyclohexane
Concen: 18.87 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

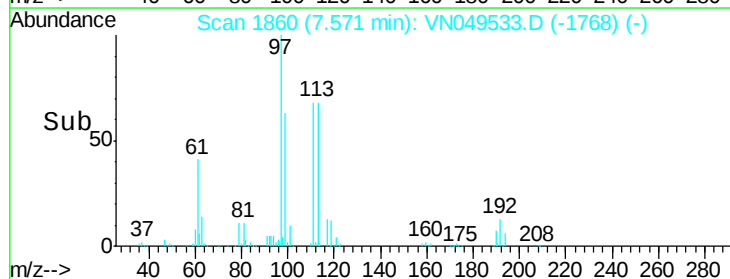
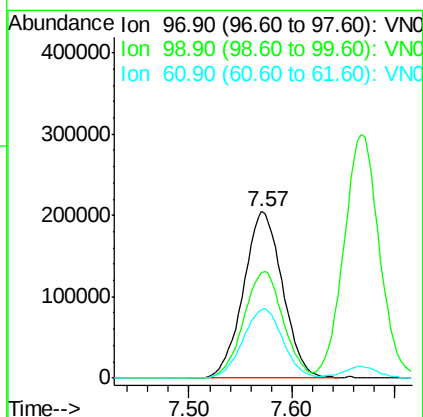
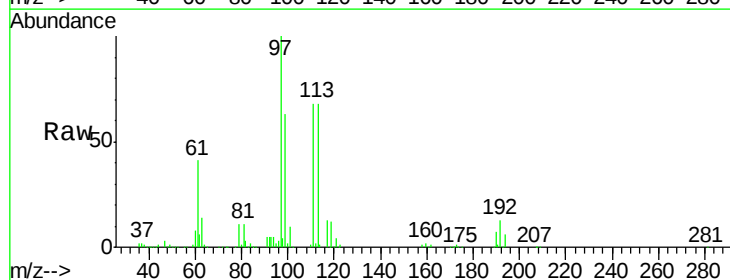
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

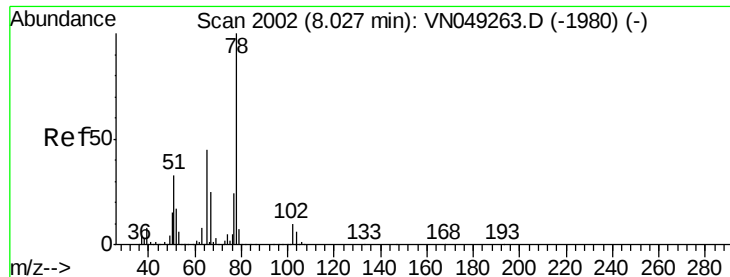
Tot Ion: 56 Resp: 522835
Ion Ratio Lower Upper
56 100
69 36.6 25.0 37.4
84 83.7 64.6 96.8



#32
1,1,1-Trichloroethane
Concen: 19.53 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion: 97 Resp: 538820
Ion Ratio Lower Upper
97 100
99 64.6 50.5 75.7
61 42.5 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 48.82 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

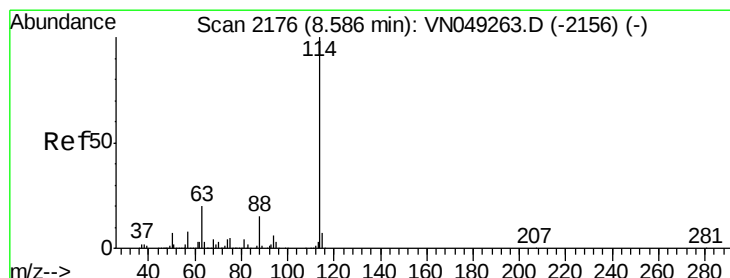
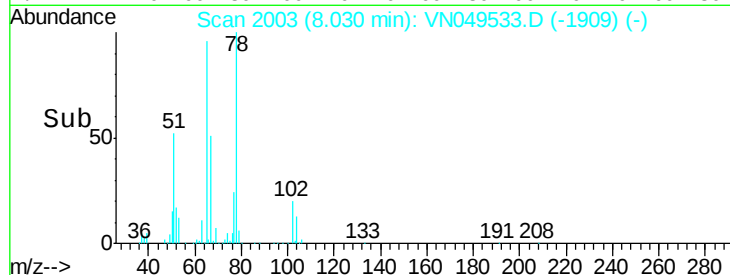
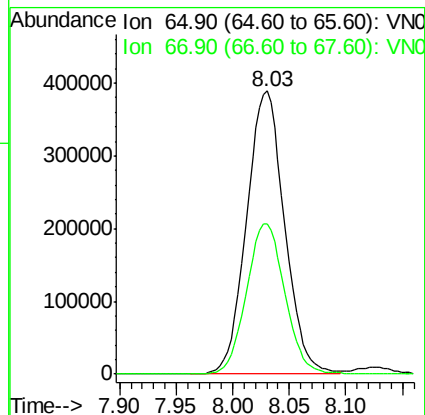
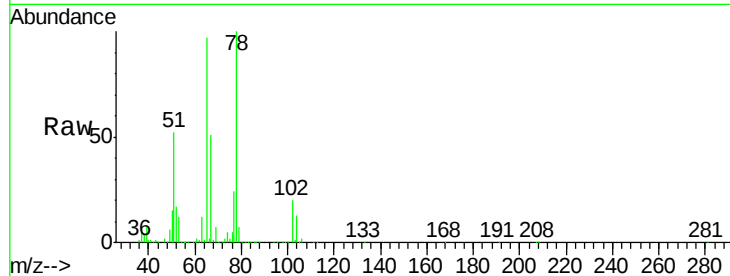
VN0625WBSD02

Tot Ion: 65 Resp: 909158

Ion Ratio Lower Upper

65 100

67 53.9 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

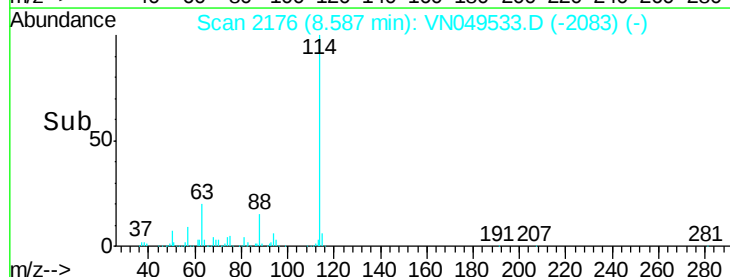
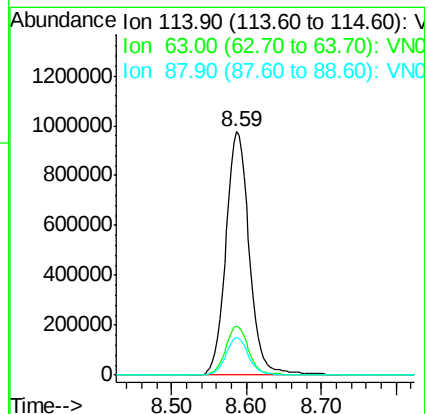
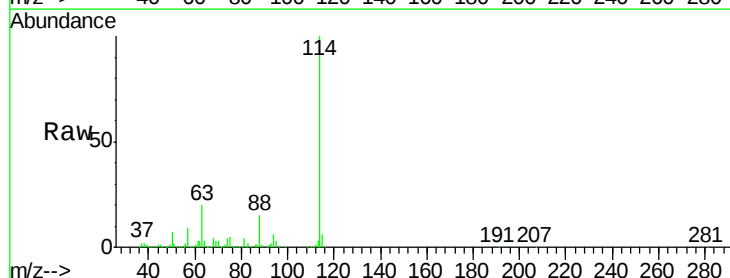
Tgt Ion: 114 Resp: 2111841

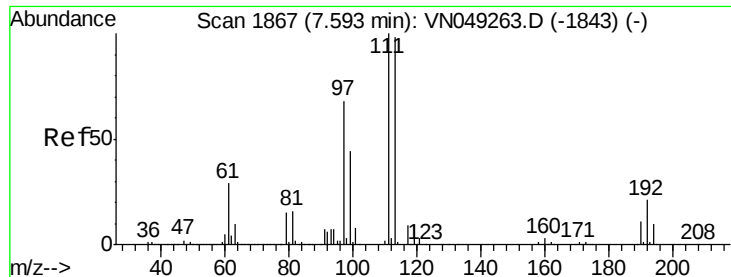
Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.4

88 15.4 0.0 31.4

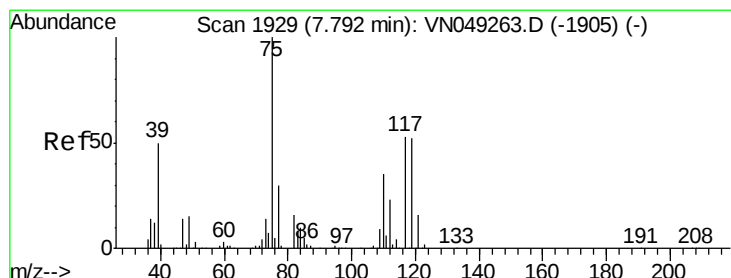
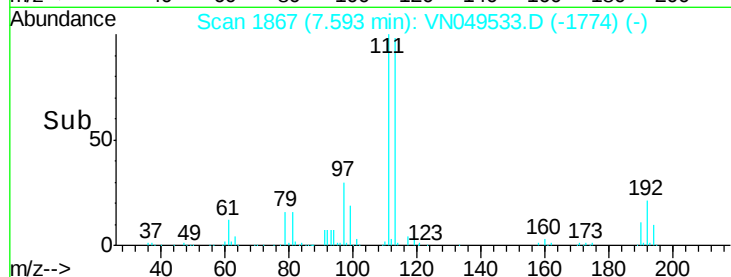
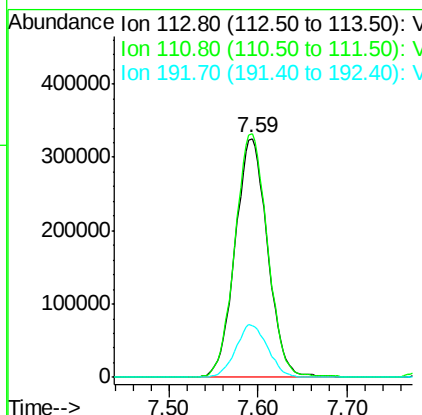
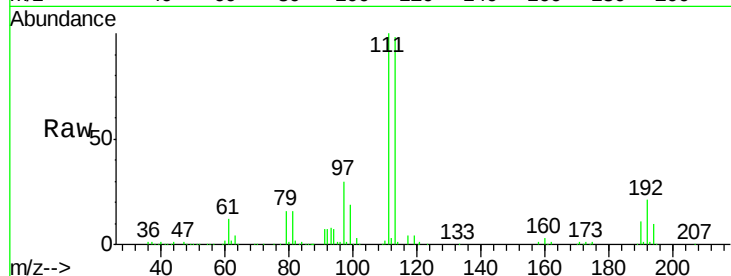




#35
 Dibromofluoromethane
 Concen: 48.11 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

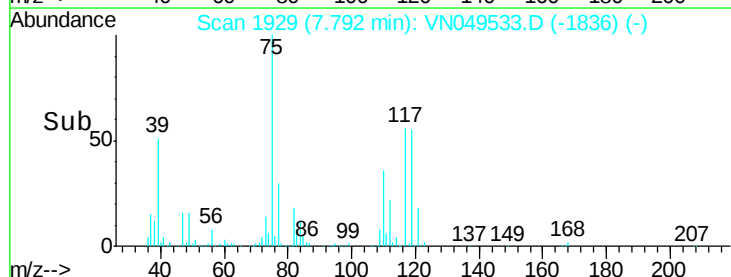
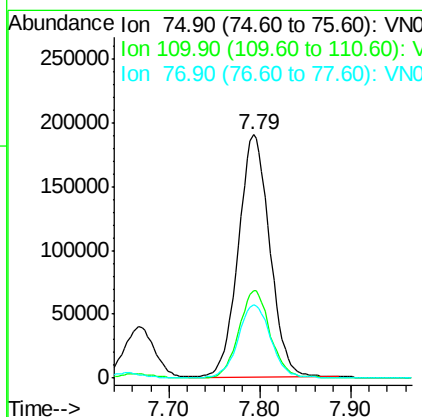
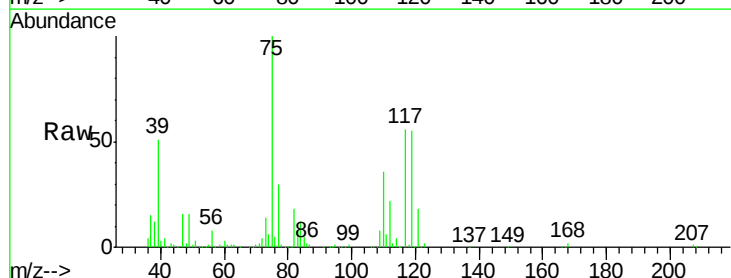
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

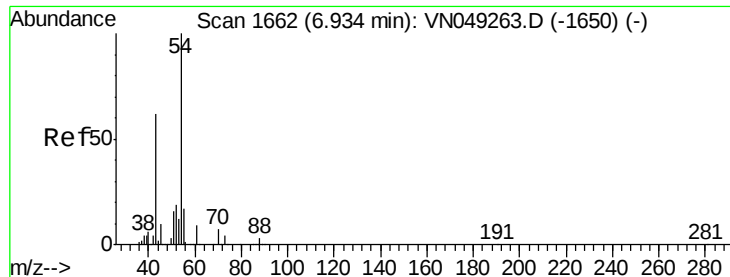
Tot Ion:113 Resp: 821925
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.4 123.6
 192 21.9 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 18.82 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Tgt Ion: 75 Resp: 455428
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.0 50.9
 77 31.2 24.4 36.6

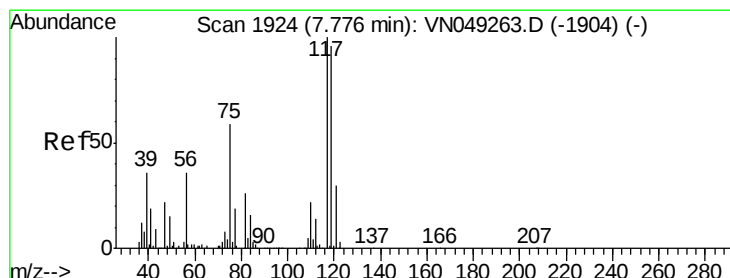
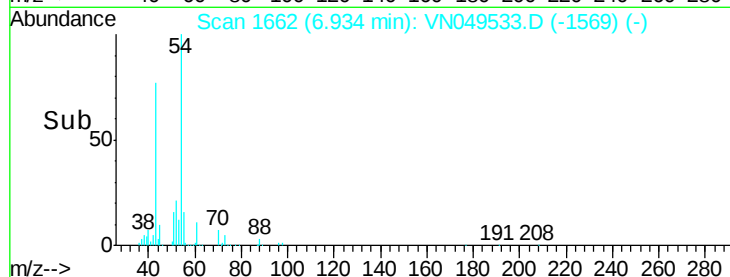
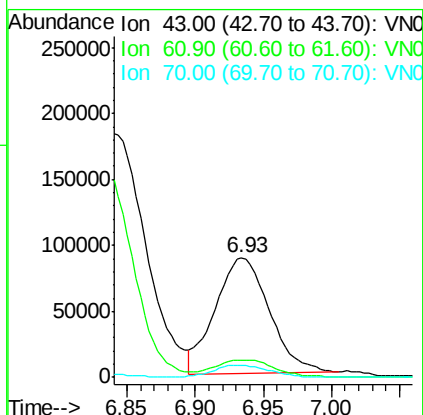
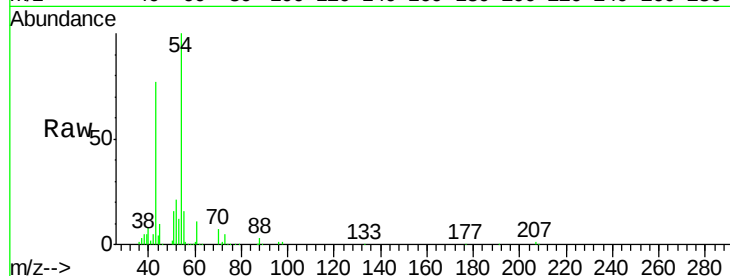




#37
Ethyl Acetate
Concen: 18.24 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

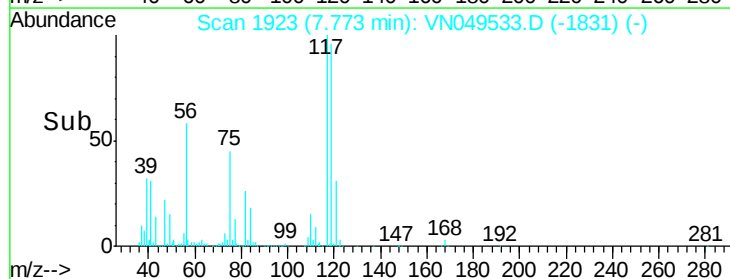
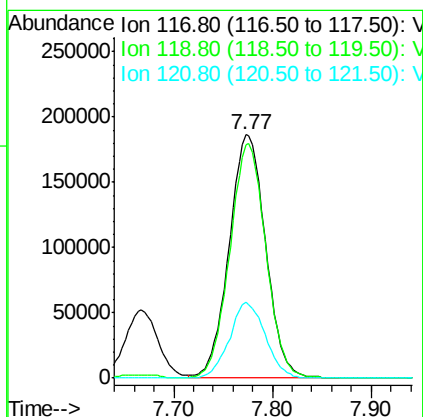
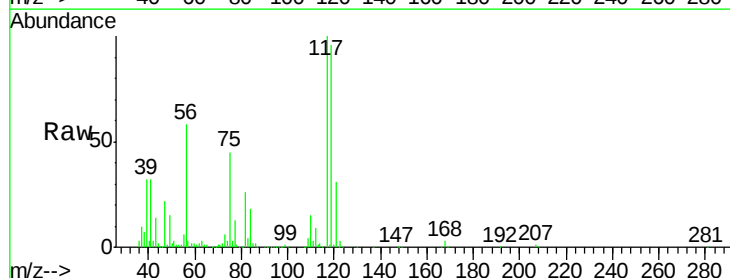
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

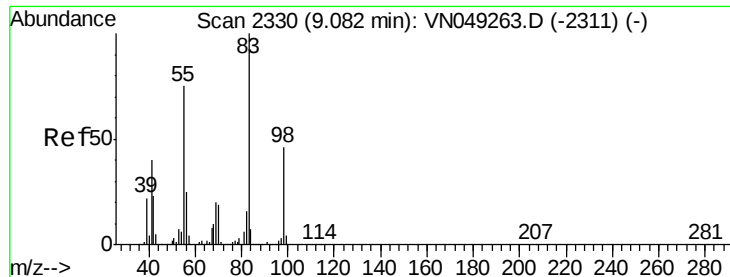
Tot Ion: 43 Resp: 240067
Ion Ratio Lower Upper
43 100
61 15.4 11.0 16.4
70 11.1 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 19.04 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion: 117 Resp: 477136
Ion Ratio Lower Upper
117 100
119 95.7 75.6 113.4
121 31.2 24.7 37.1

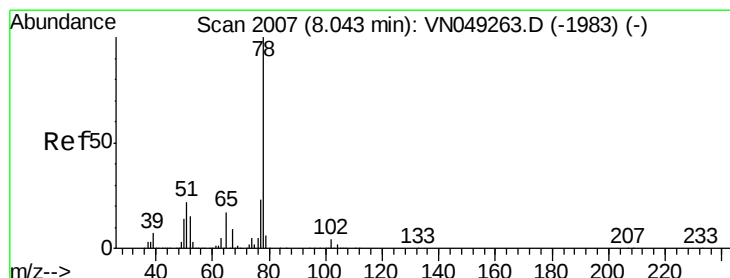
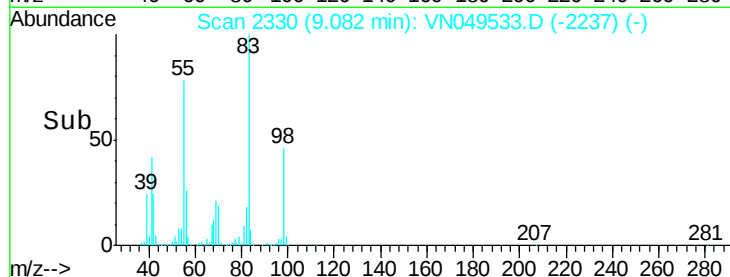
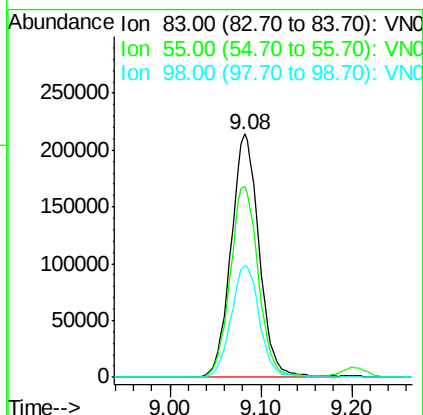
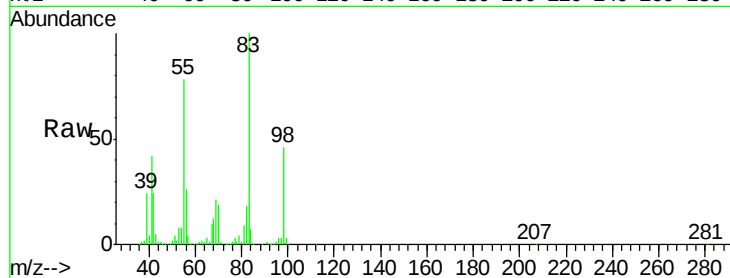




#39
Methvlcvclohexane
Concen: 17.62 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

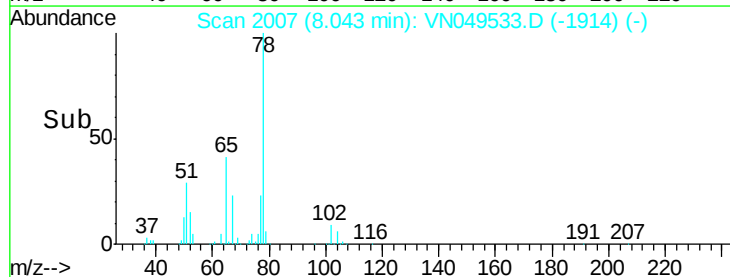
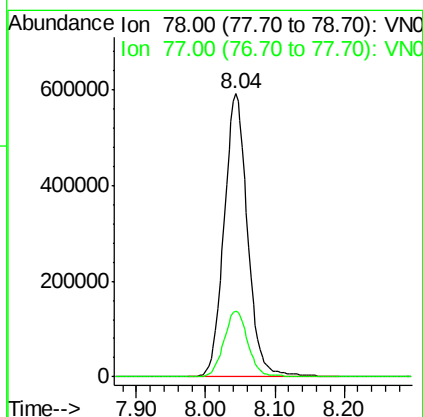
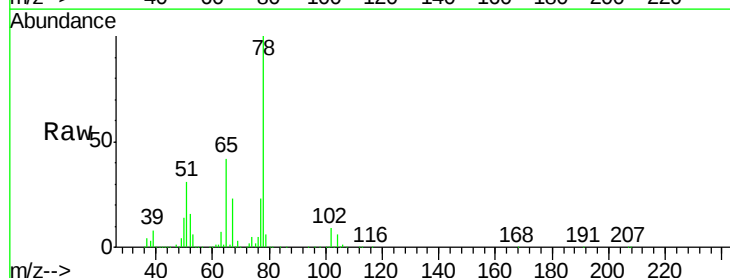
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

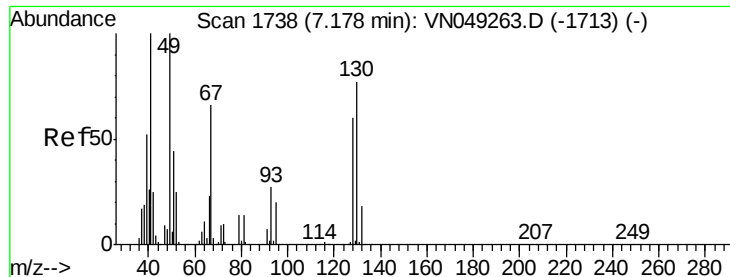
Tot Ion: 83 Resp: 457875
Ion Ratio Lower Upper
83 100
55 78.3 65.1 97.7
98 46.1 36.5 54.7



#40
Benzene
Concen: 18.88 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion: 78 Resp: 1400614
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0

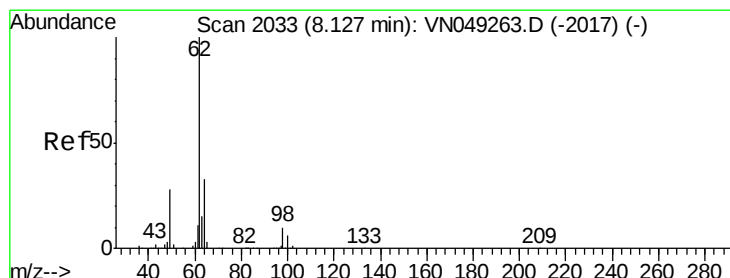
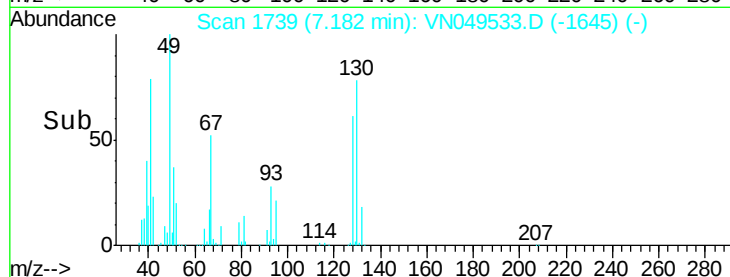
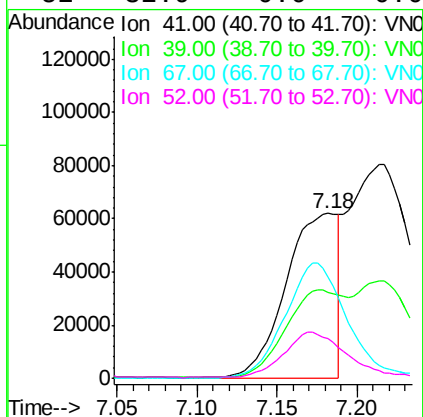
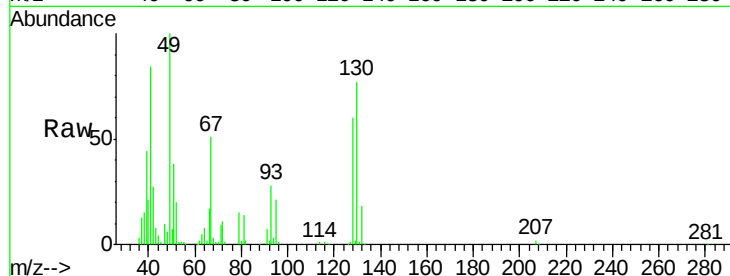




#41
Methacrylonitrile
Concen: 19.65 ug/l
RT: 7.18 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

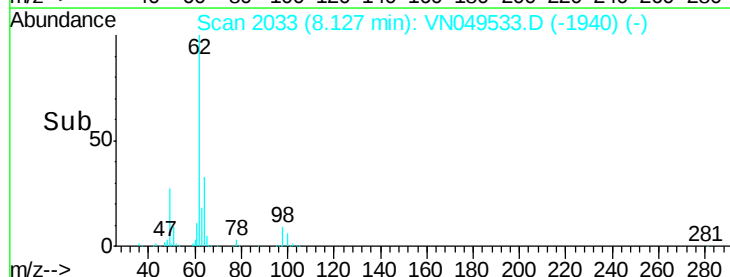
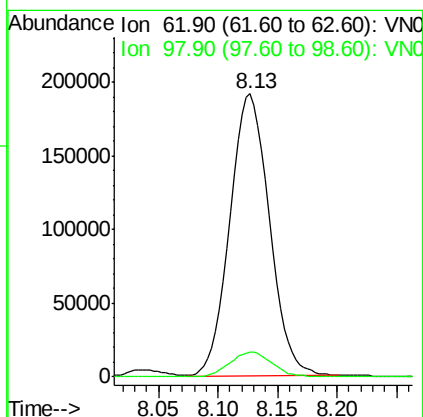
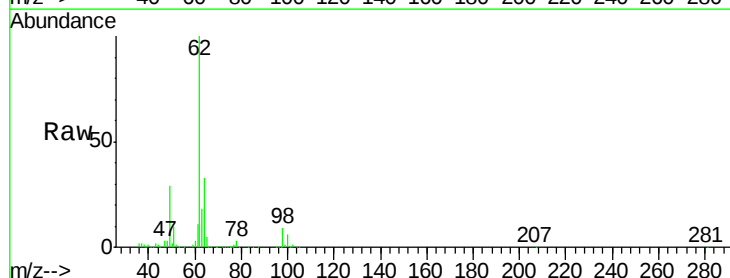
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

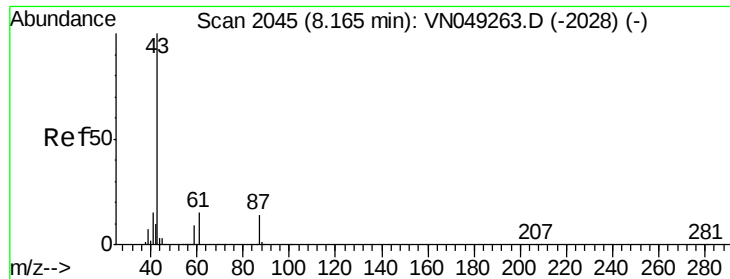
Tot Ion: 41 Resp: 139795
Ion Ratio Lower Upper
41 100
39 60.9 0.0 0.0#
67 84.1 0.0 0.0#
52 32.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.21 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion: 62 Resp: 440337
Ion Ratio Lower Upper
62 100
98 9.5 0.0 16.2





#43

Isopropyl Acetate

Concen: 19.25 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleID :

VN0625WBSD02

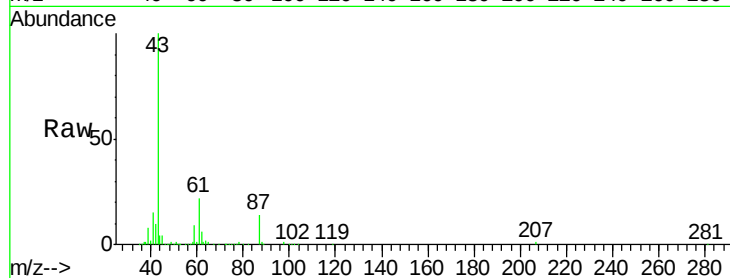
Tot Ion: 43 Resp: 484075

Ion Ratio Lower Upper

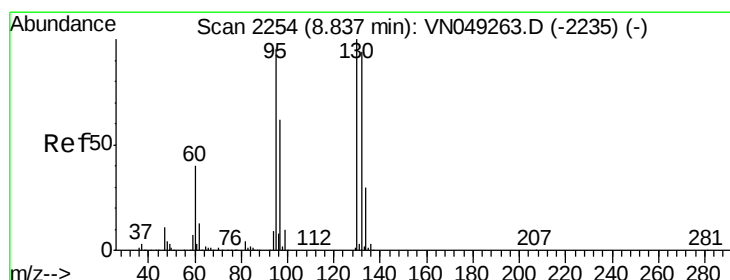
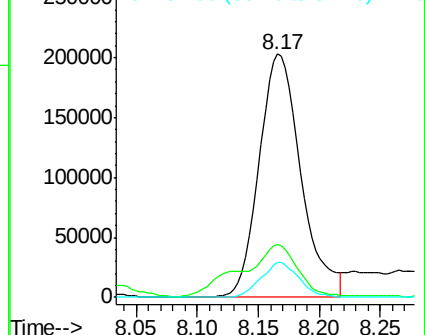
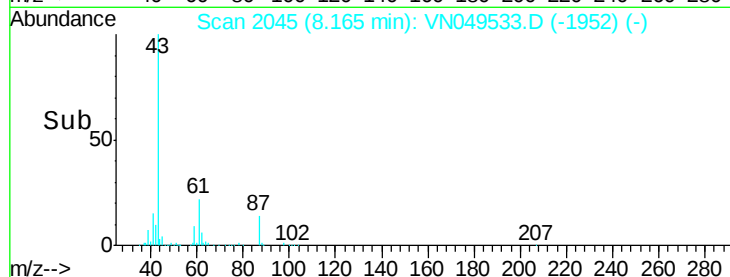
43 100

61 19.1 14.2 21.4

87 13.1 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049533.D (-1952) (-)



#44

Trichloroethene

Concen: 19.50 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049533.D

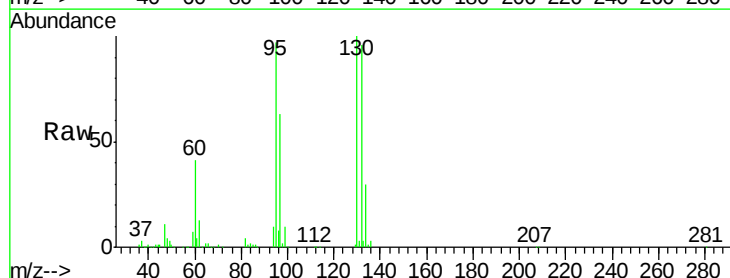
Acq: 26 Jun 2018 1:46

Tgt Ion: 130 Resp: 382052

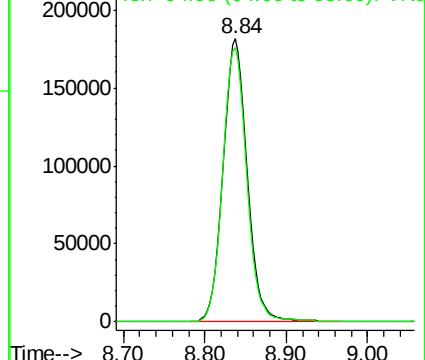
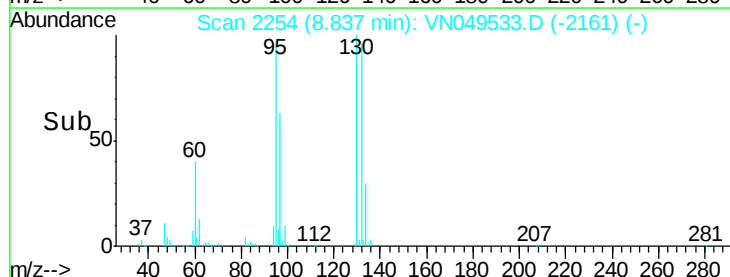
Ion Ratio Lower Upper

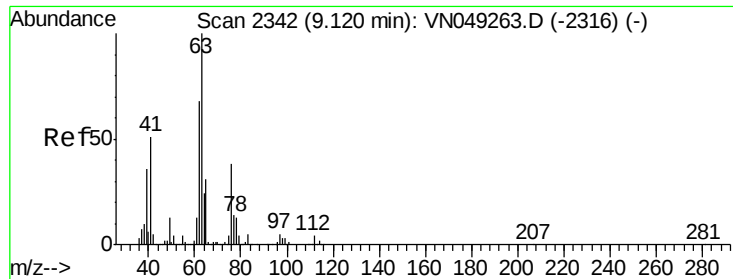
130 100

95 97.0 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049533.D (-2161) (-)

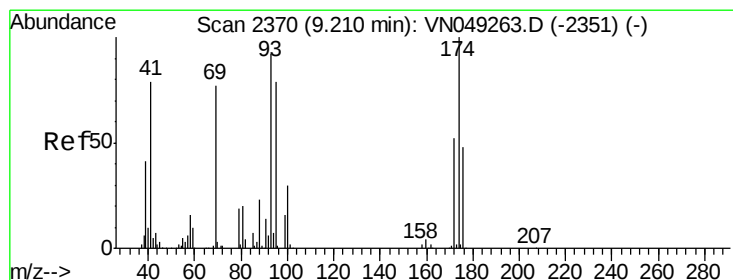
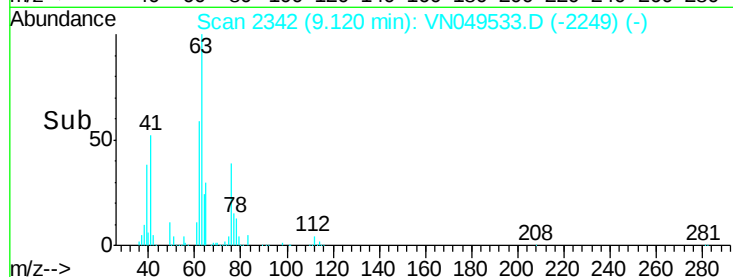
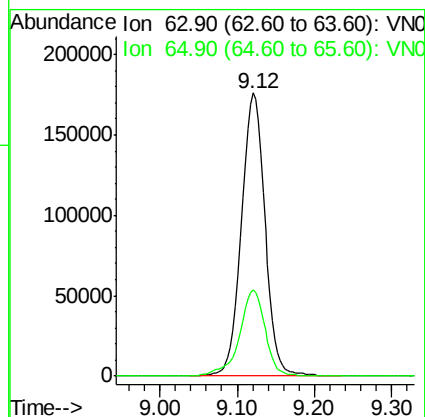
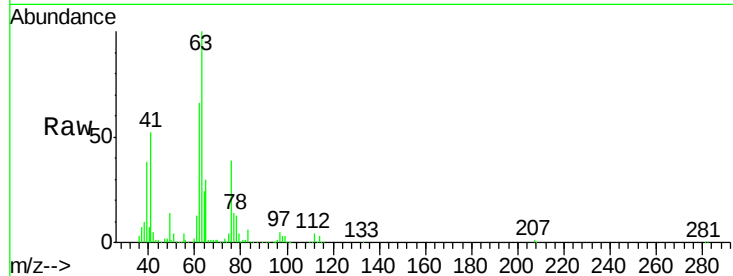




#45
 1,2-Dichloropropane
 Concen: 19.15 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

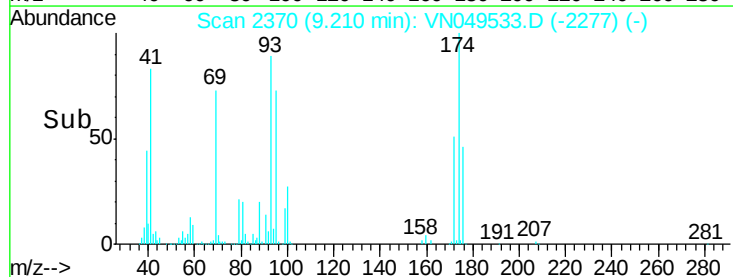
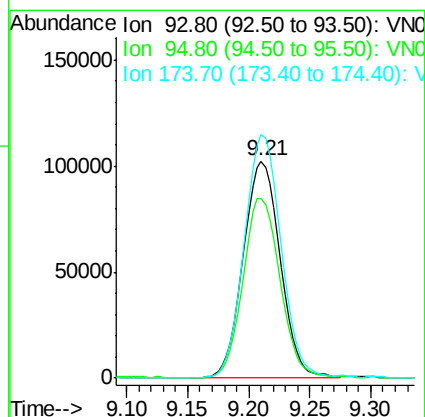
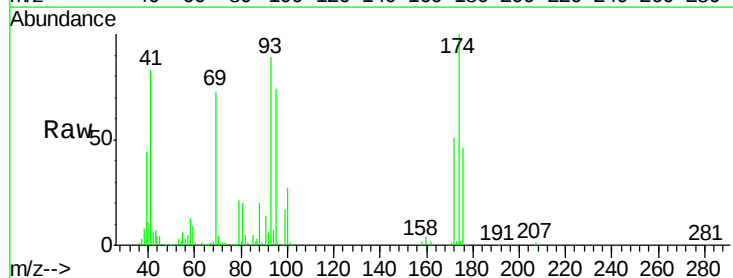
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

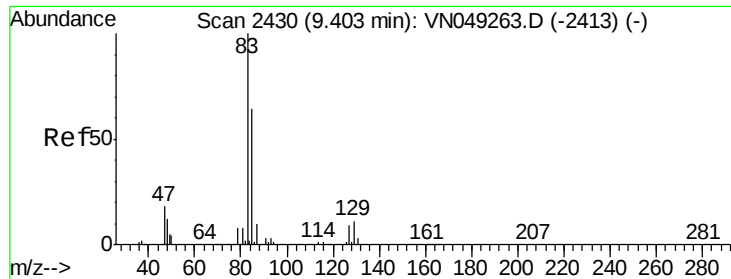
Tot Ion: 63 Resp: 372004
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.8 37.2



#46
 Dibromomethane
 Concen: 19.07 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Tgt Ion: 93 Resp: 214797
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.2 100.8
 174 111.4 75.6 113.4





#47

Bromodichloromethane

Concen: 19.09 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

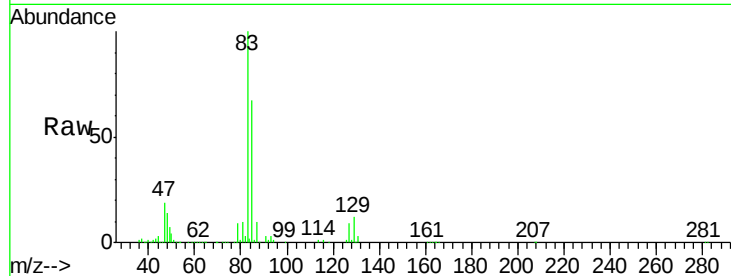
Tot Ion: 83 Resp: 472675

Ion Ratio Lower Upper

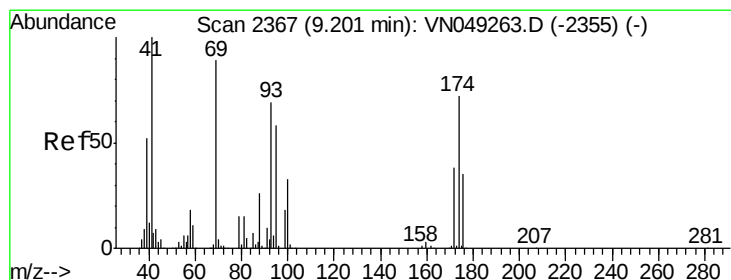
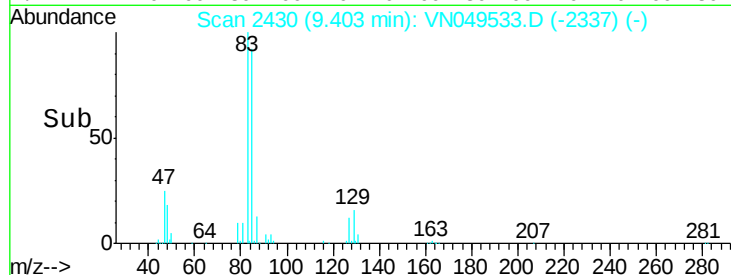
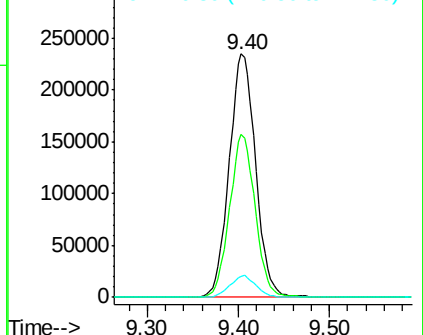
83 100

85 67.0 49.4 74.0

127 8.8 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.60 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

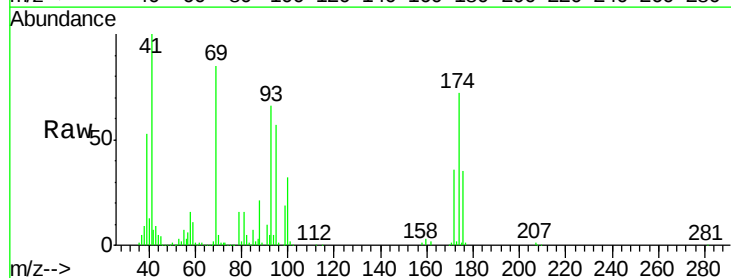
Tgt Ion: 41 Resp: 220241

Ion Ratio Lower Upper

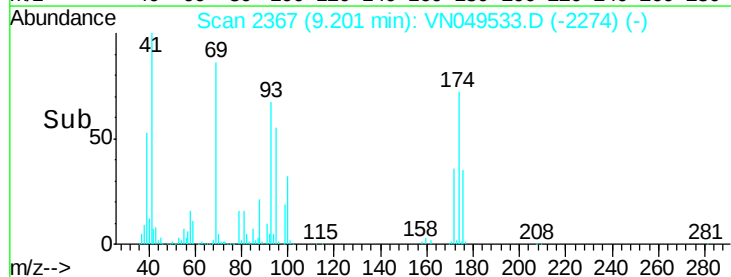
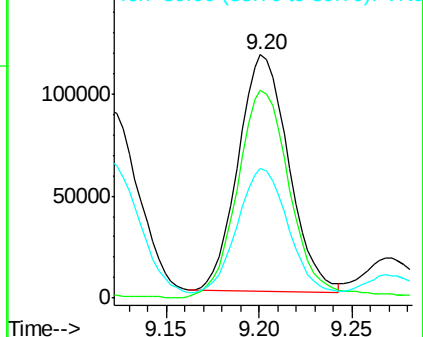
41 100

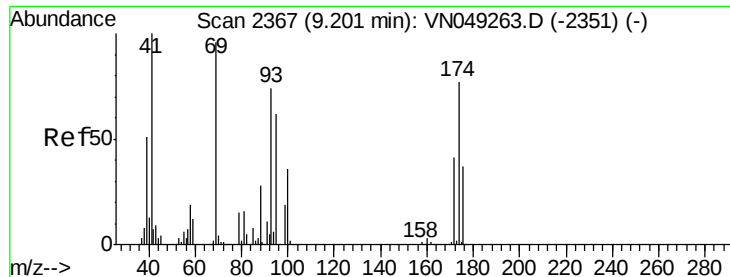
69 91.6 62.0 93.0

39 56.8 50.6 75.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

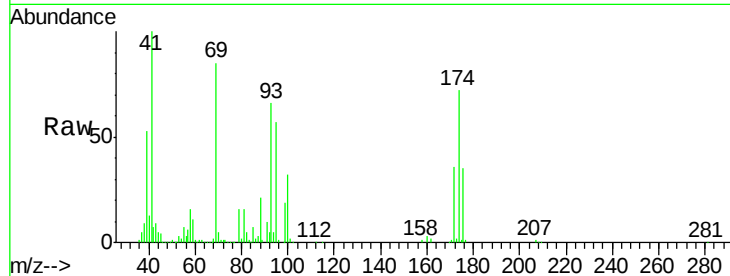




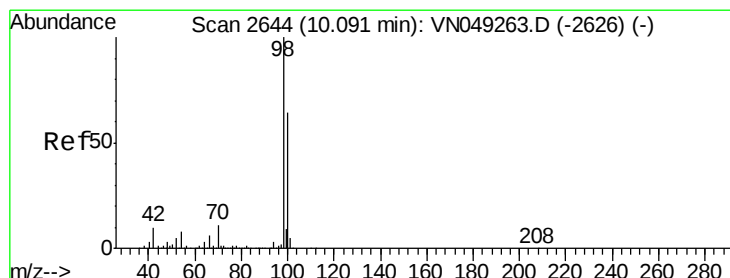
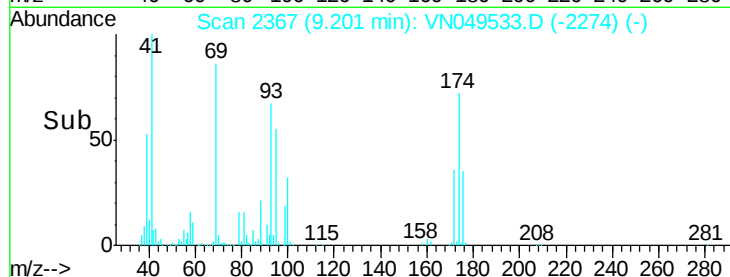
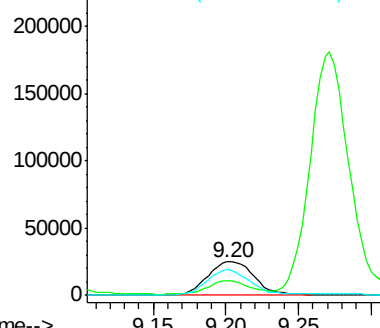
#49
1,4-Dioxane
Concen: 342.79 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

Tot Ion: 88 Resp: 56012
Ion Ratio Lower Upper
88 100
43 37.0 30.9 46.3
58 71.8 58.9 88.3

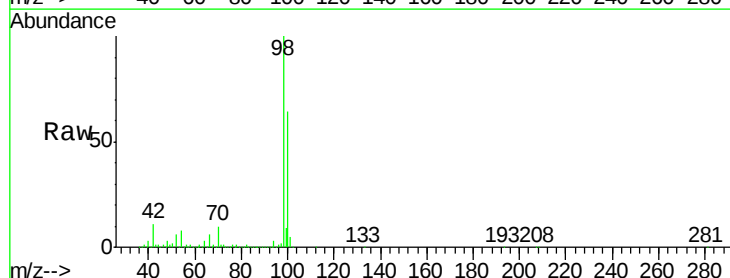


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

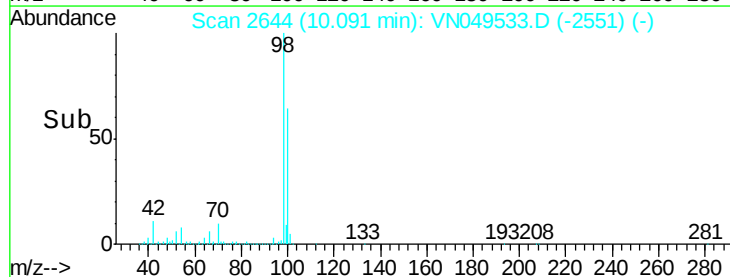
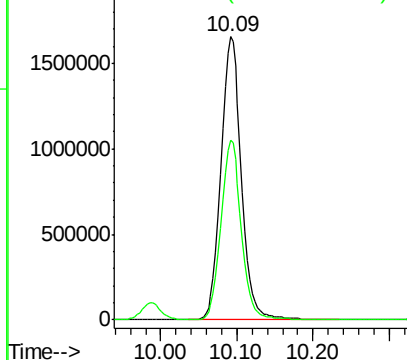


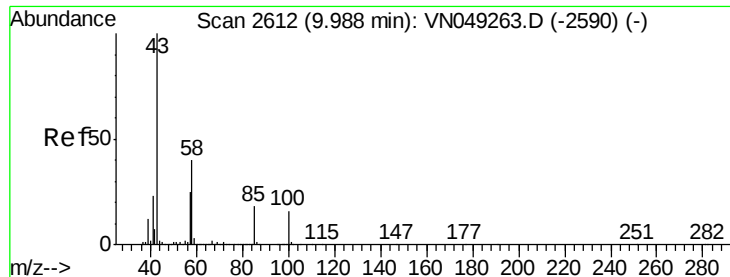
#50
Toluene-d8
Concen: 47.46 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion: 98 Resp: 3087708
Ion Ratio Lower Upper
98 100
100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

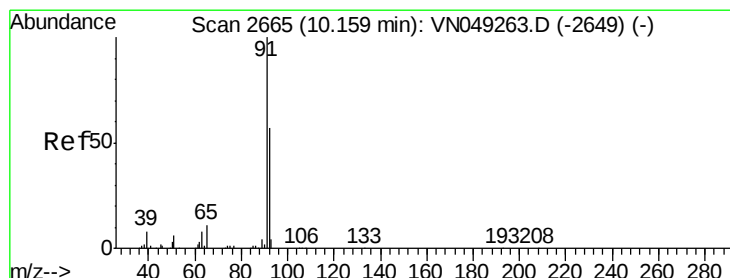
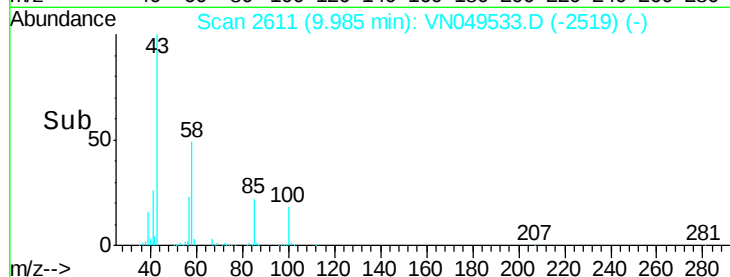
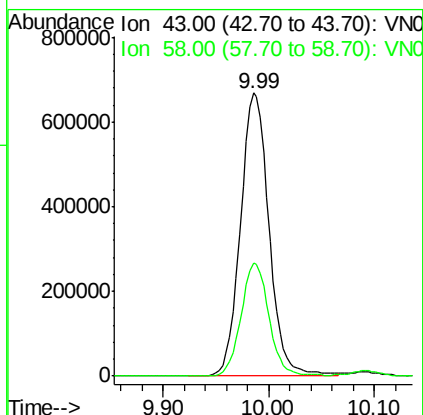
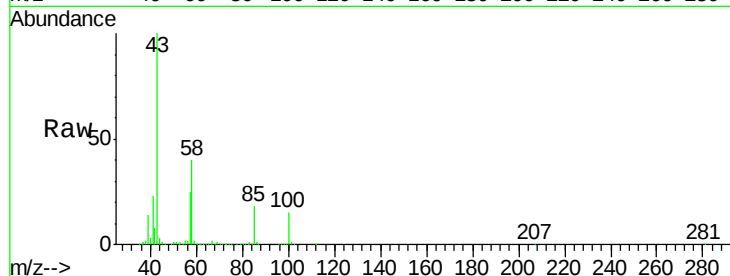




#51
4-Methyl-2-Pentanone
Concen: 95.21 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

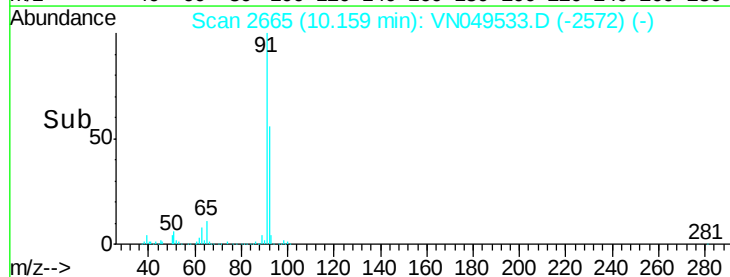
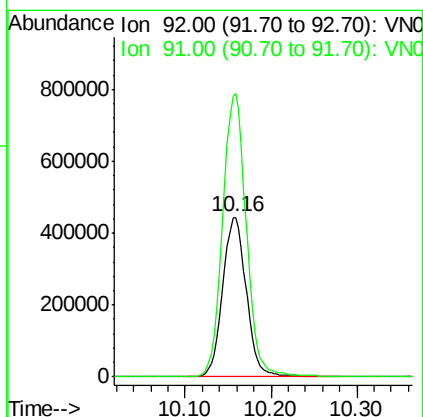
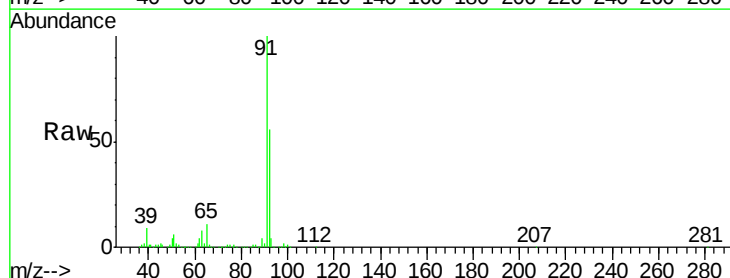
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

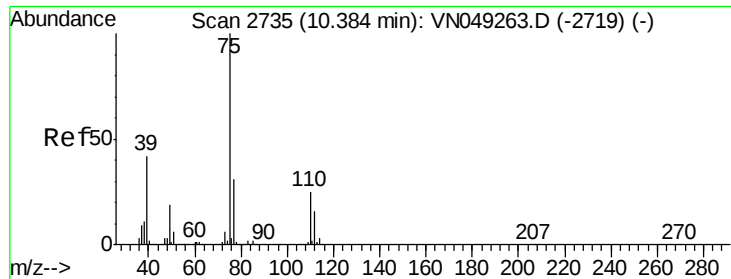
Tot Ion: 43 Resp: 1254539
Ion Ratio Lower Upper
43 100
58 39.1 29.0 43.6



#52
Toluene
Concen: 19.57 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion: 92 Resp: 852253
Ion Ratio Lower Upper
92 100
91 177.5 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 18.16 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampled :

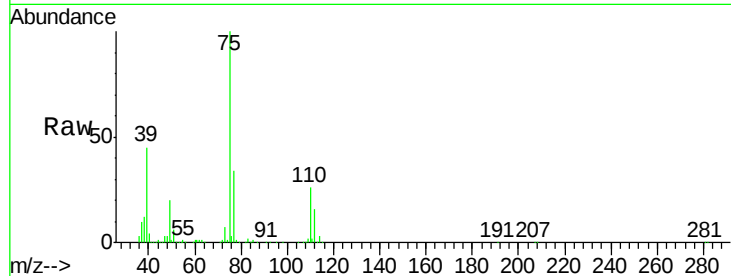
VN0625WBSD02

Tot Ion: 75 Resp: 430162

Ion Ratio Lower Upper

75 100

77 33.2 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

250000

200000

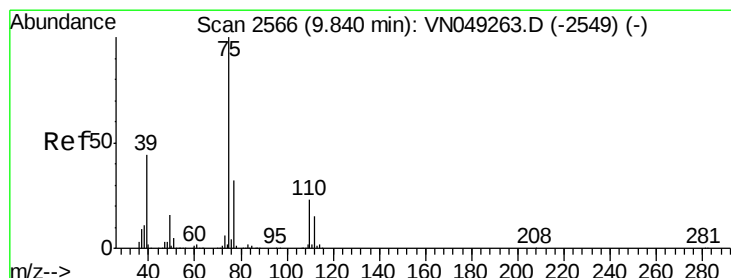
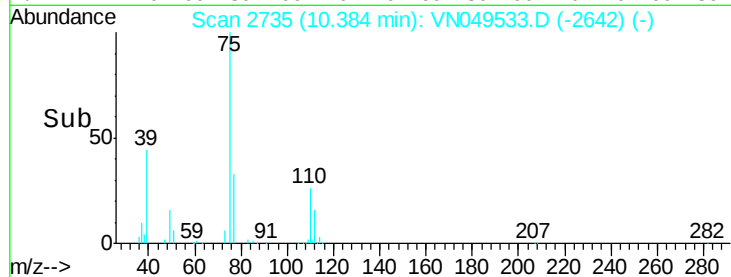
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.24 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

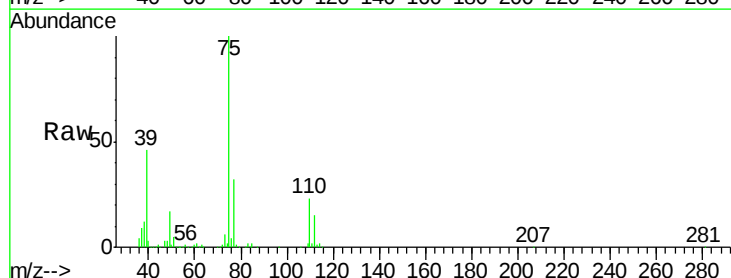
Tgt Ion: 75 Resp: 510188

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 45.5 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

9.84

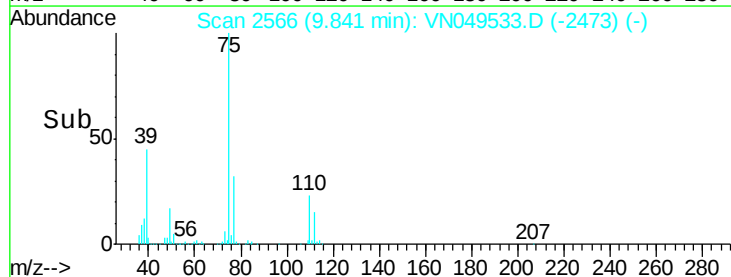
300000

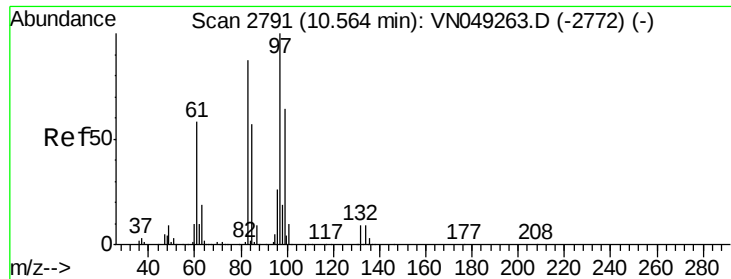
200000

100000

0

Time-->

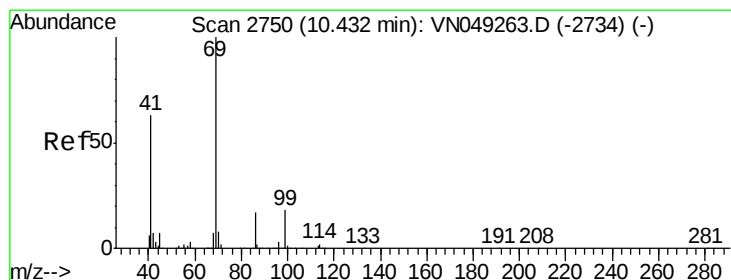
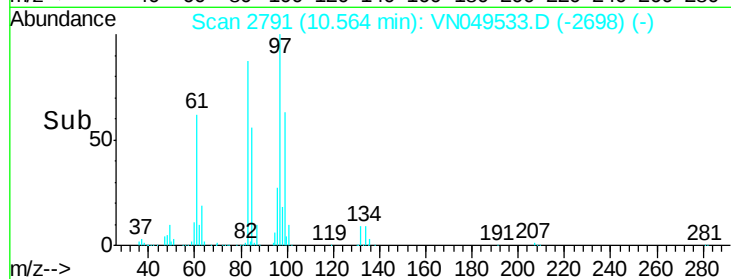
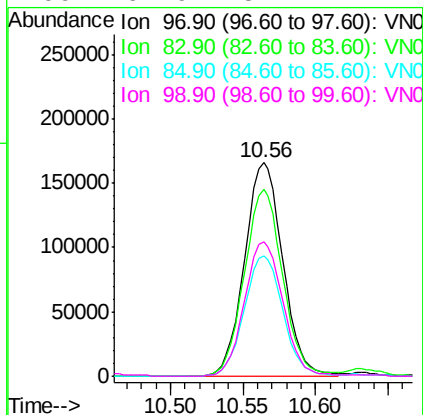
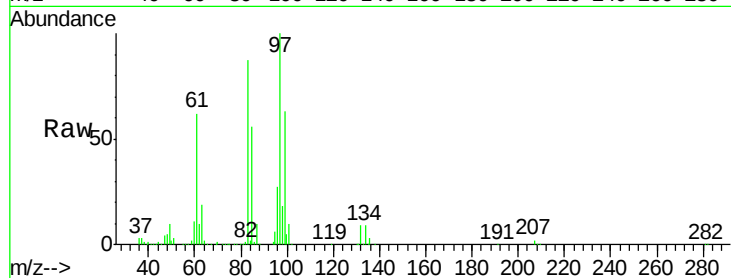




#55
 1,1,2-Trichloroethane
 Concen: 18.82 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

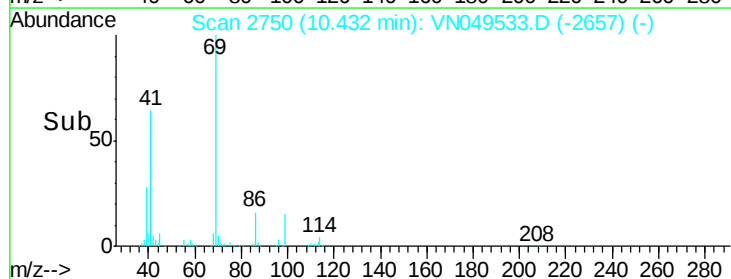
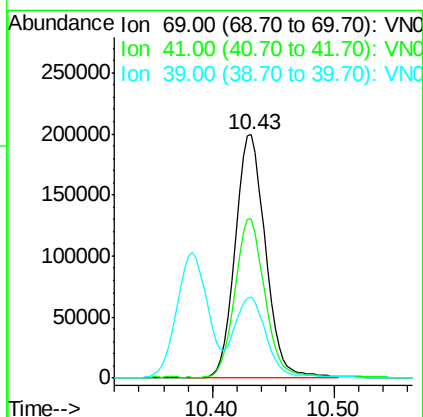
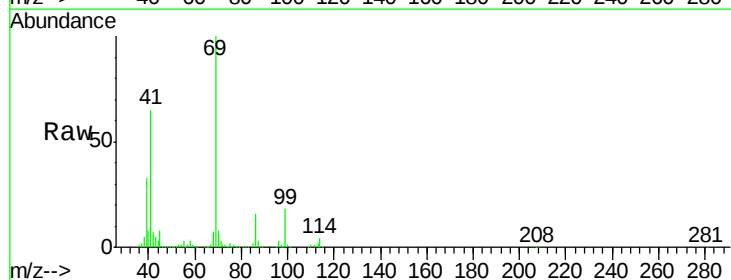
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

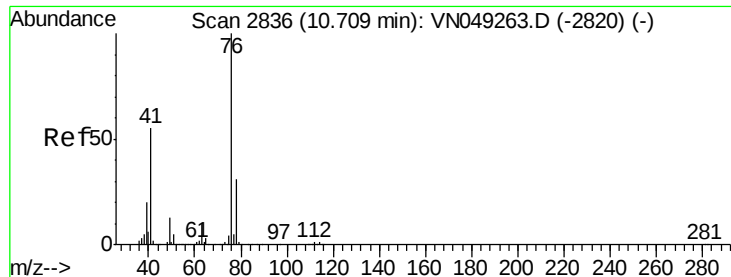
Tot Ion: 97 Resp: 305558
 Ion Ratio Lower Upper
 97 100
 83 87.4 71.5 107.3
 85 56.3 47.0 70.4
 99 62.9 51.4 77.2



#56
 Ethyl methacrylate
 Concen: 18.36 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Tgt Ion: 69 Resp: 343862
 Ion Ratio Lower Upper
 69 100
 41 64.2 58.4 87.6
 39 34.5 35.5 53.3#





#57

1,3-Dichloropropane

Concen: 19.17 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

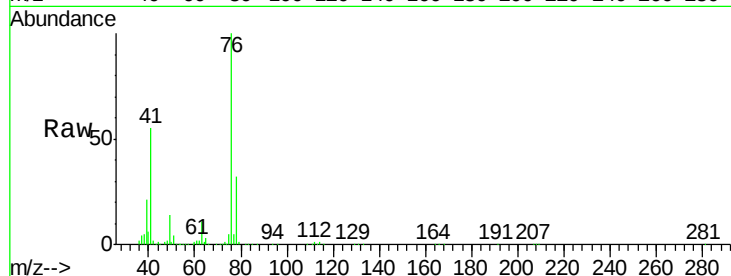
VN0625WBSD02

Tot Ion: 76 Resp: 515731

Ion Ratio Lower Upper

76 100

78 32.5 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

300000

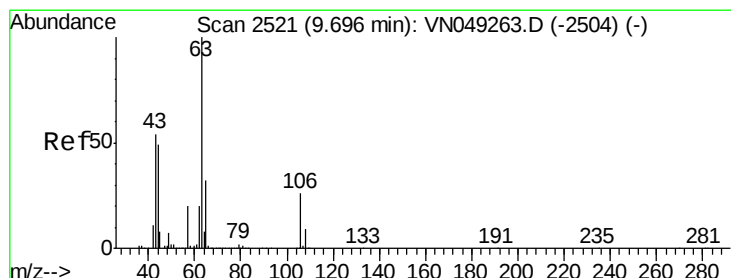
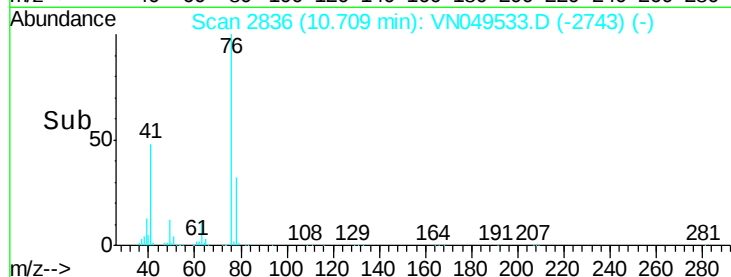
200000

100000

0

Time-->

10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 80.55 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049533.D

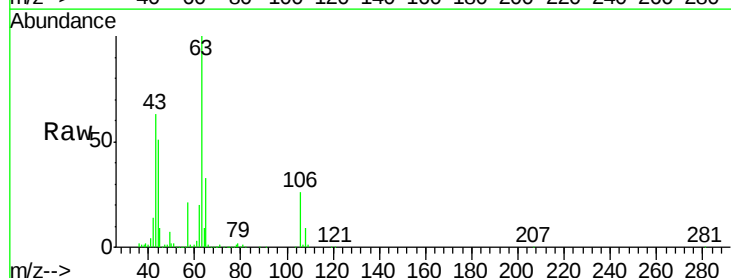
Acq: 26 Jun 2018 1:46

Tgt Ion: 63 Resp: 470436

Ion Ratio Lower Upper

63 100

106 26.4 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

300000

250000

200000

150000

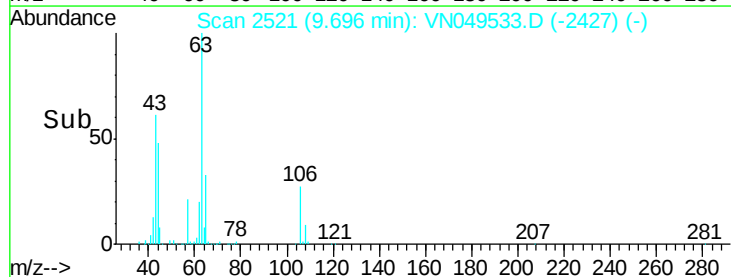
100000

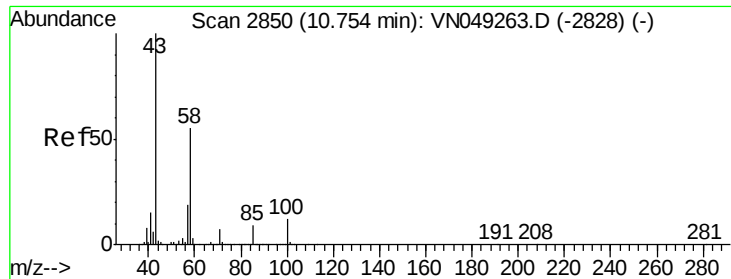
50000

0

Time-->

9.60 9.70 9.80





#59

2-Hexanone

Concen: 90.28 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

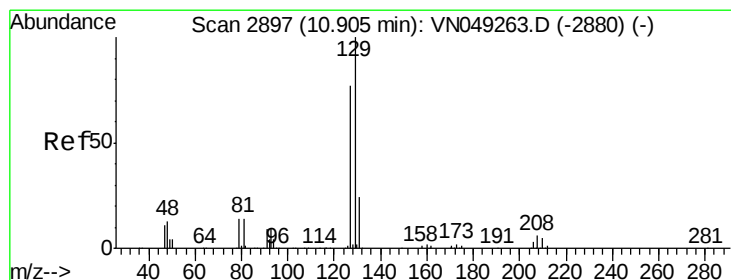
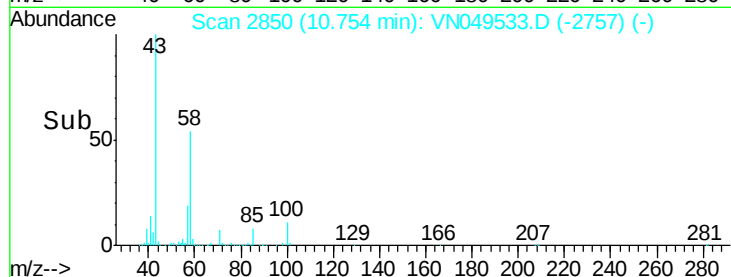
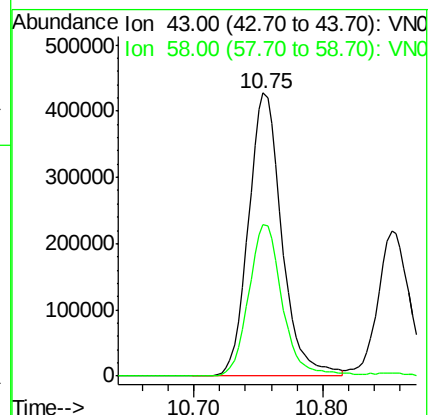
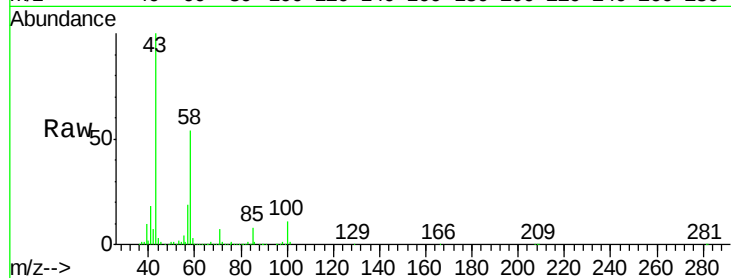
VN0625WBSD02

Tot Ion: 43 Resp: 766948

Ion Ratio Lower Upper

43 100

58 54.2 25.2 75.6



#60

Dibromochloromethane

Concen: 18.67 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VN049533.D

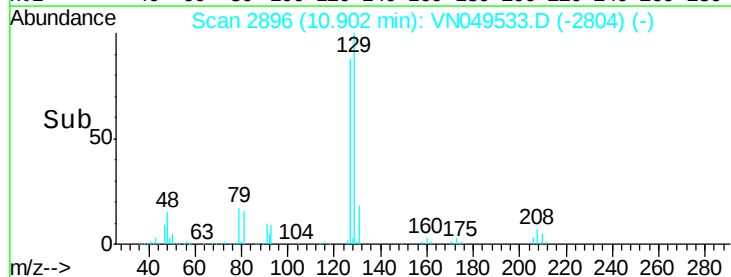
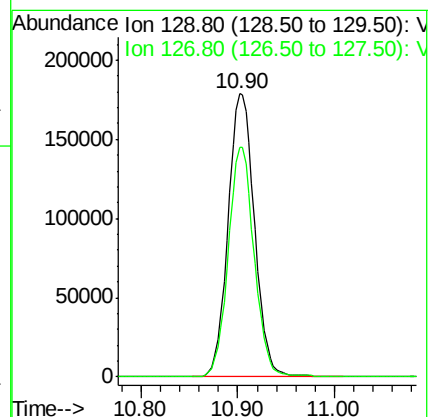
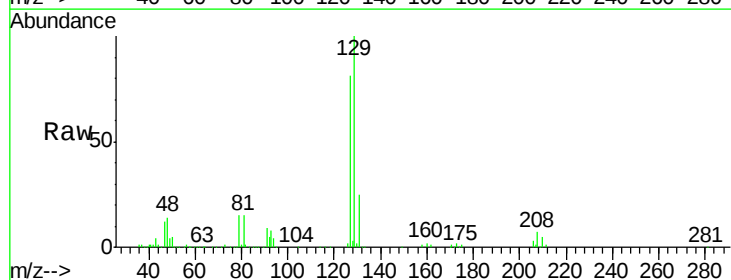
Acq: 26 Jun 2018 1:46

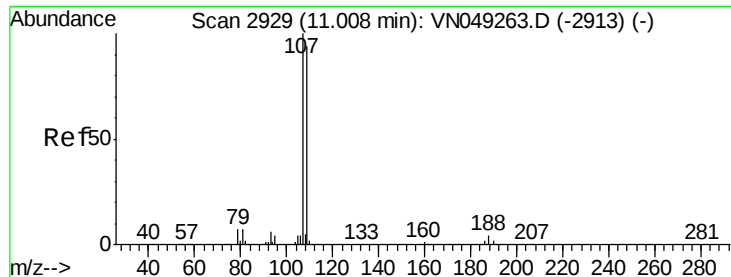
Tgt Ion: 129 Resp: 338349

Ion Ratio Lower Upper

129 100

127 79.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.00 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

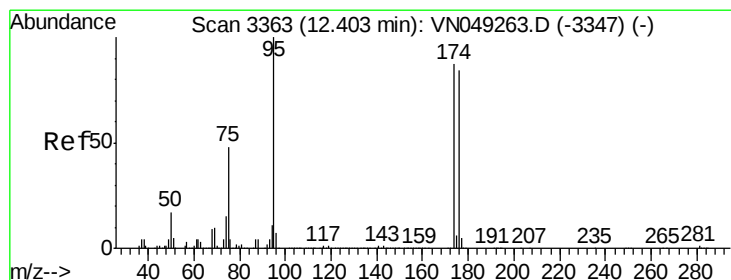
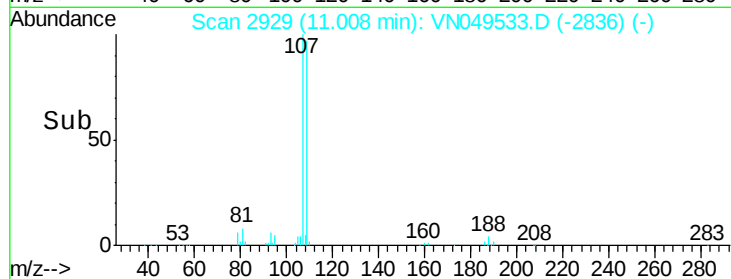
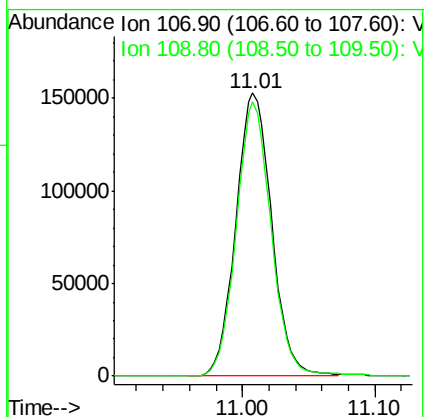
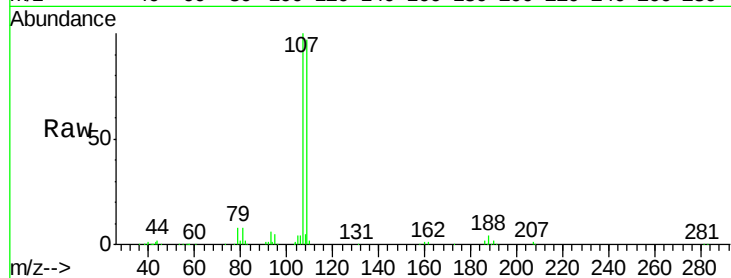
VN0625WBSD02

Tot Ion: 107 Resp: 286766

Ion Ratio Lower Upper

107 100

109 94.5 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 46.26 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

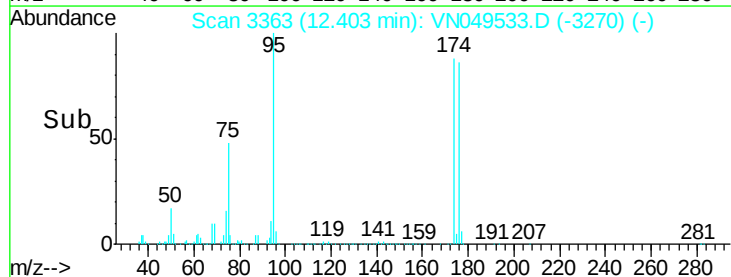
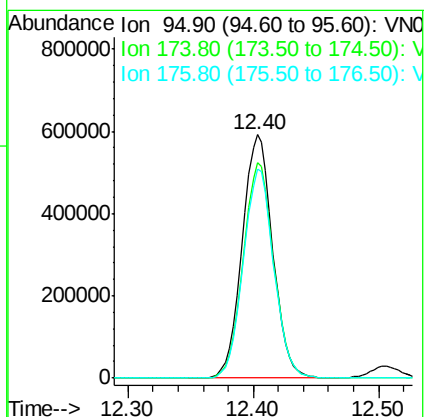
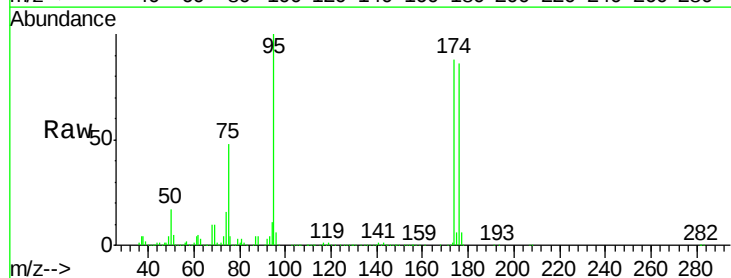
Tgt Ion: 95 Resp: 995206

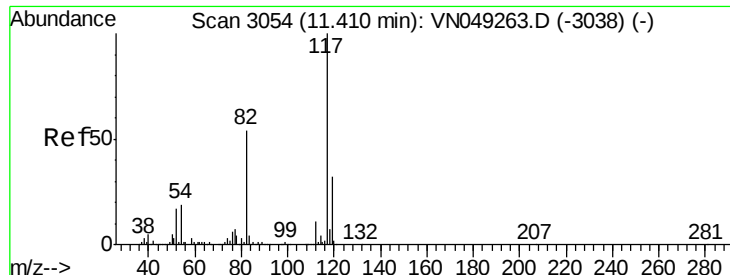
Ion Ratio Lower Upper

95 100

174 88.4 0.0 165.6

176 86.0 0.0 157.4

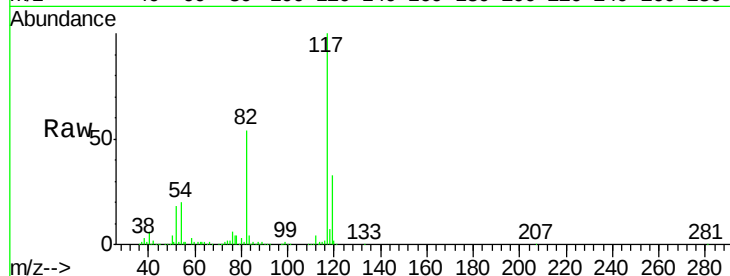




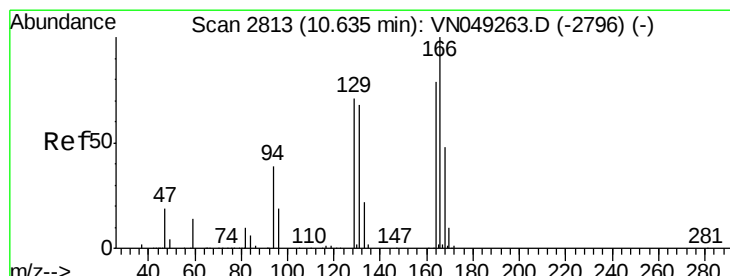
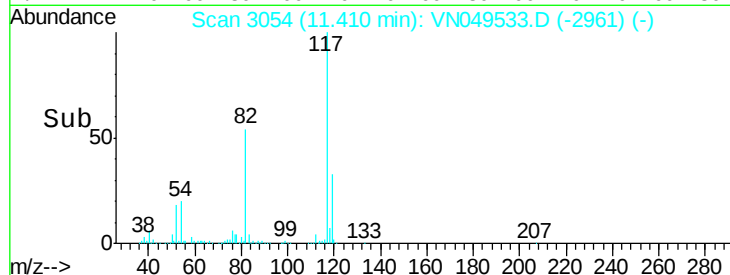
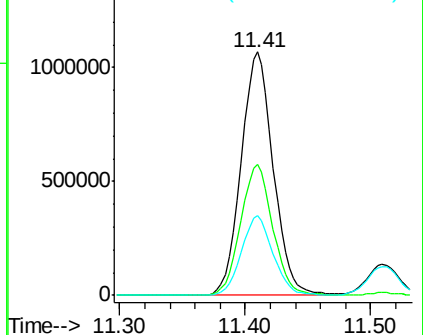
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

Tot Ion:117 Resp: 1901237
Ion Ratio Lower Upper
117 100
82 53.8 45.9 68.9
119 32.7 25.5 38.3

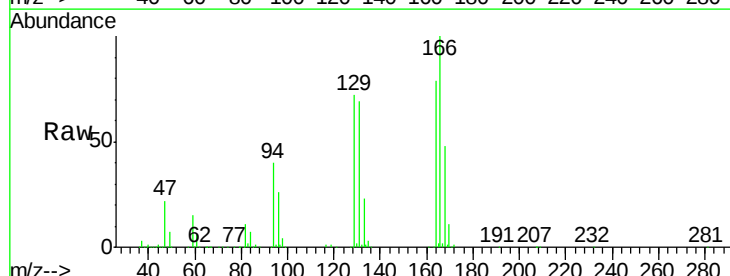


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

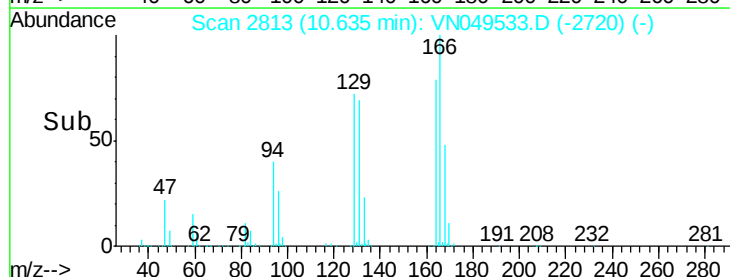
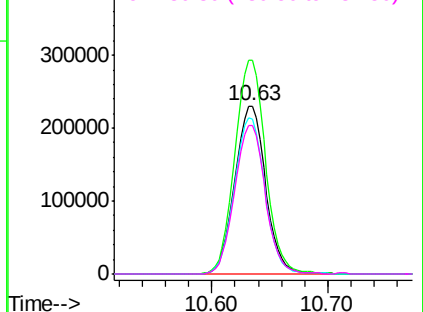


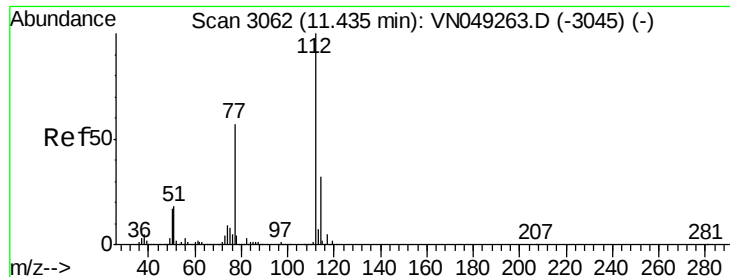
#64
Tetrachloroethene
Concen: 21.74 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion:164 Resp: 423487
Ion Ratio Lower Upper
164 100
166 126.9 101.4 152.2
129 91.7 74.1 111.1
131 88.0 73.7 110.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.85 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

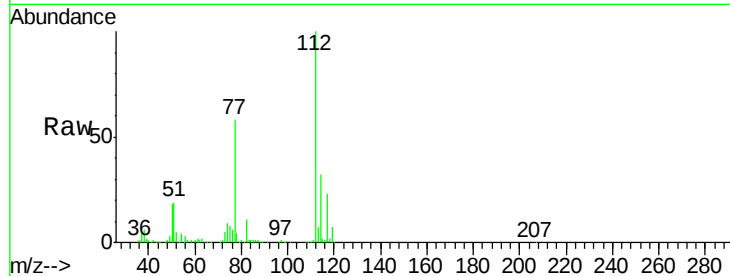
VN0625WBSD02

Tot Ion:112 Resp: 923397

Ion Ratio Lower Upper

112 100

114 31.8 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

600000

500000

400000

300000

200000

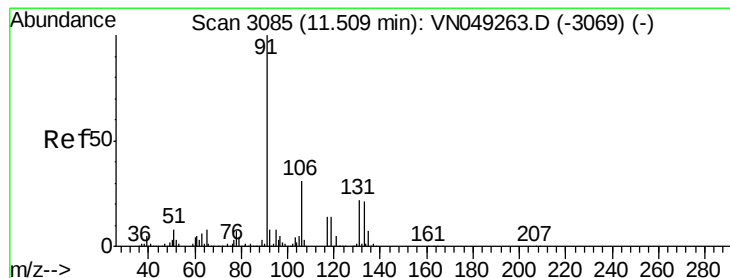
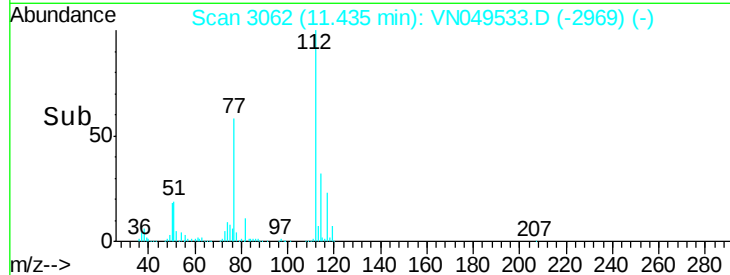
100000

0

11.44

11.40 11.50

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.01 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

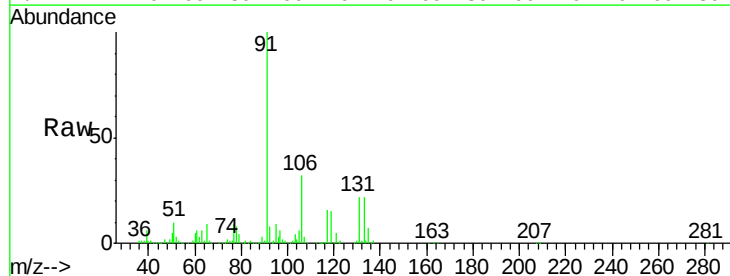
Tgt Ion:131 Resp: 350326

Ion Ratio Lower Upper

131 100

133 96.2 48.0 144.2

119 65.5 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

400000

300000

200000

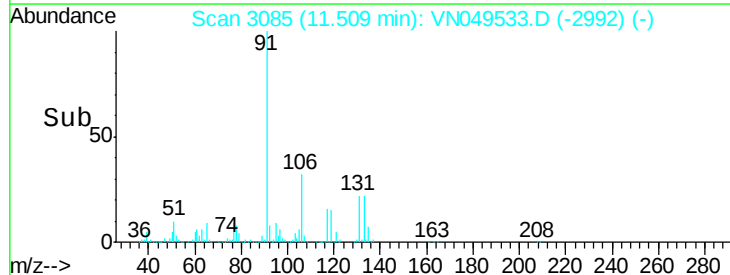
100000

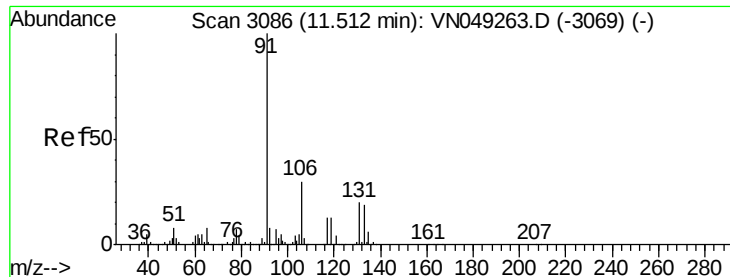
0

11.51

11.50 11.60

Time-->





#67

Ethyl Benzene

Concen: 19.11 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleID :

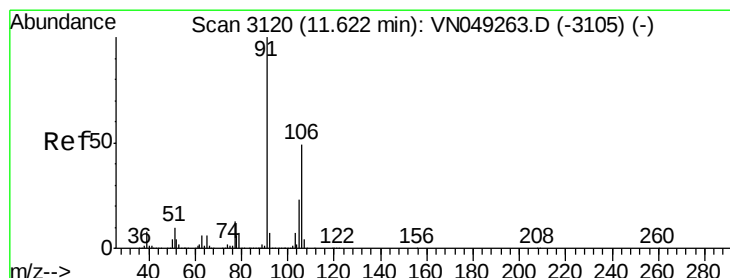
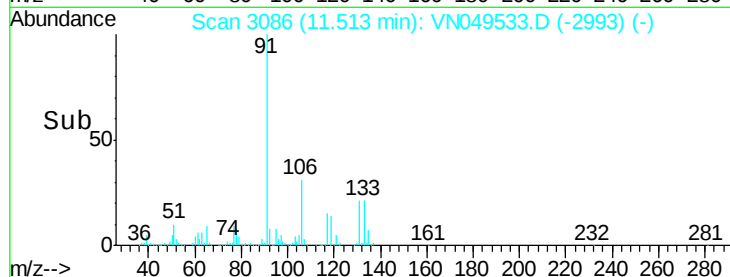
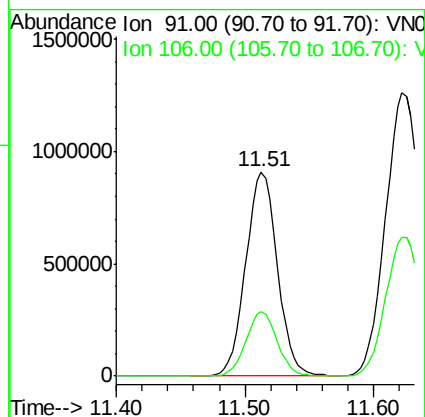
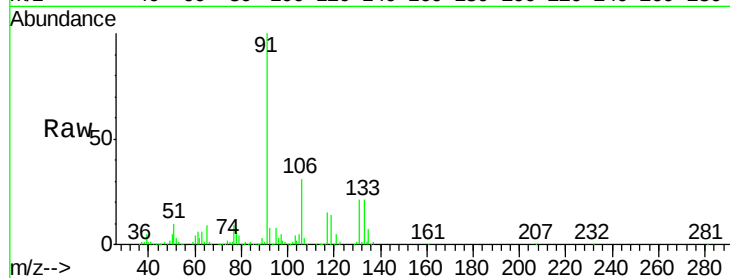
VN0625WBSD02

Tot Ion: 91 Resp: 1552645

Ion Ratio Lower Upper

91 100

106 31.4 23.9 35.9



#68

m/p-Xylenes

Concen: 39.18 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049533.D

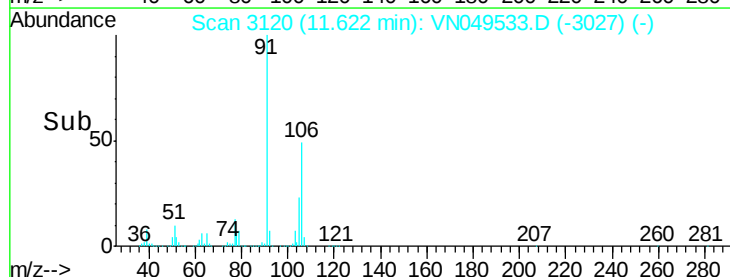
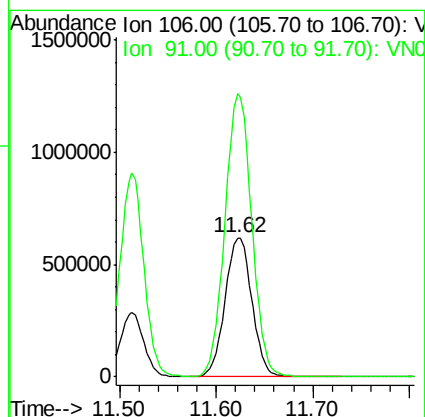
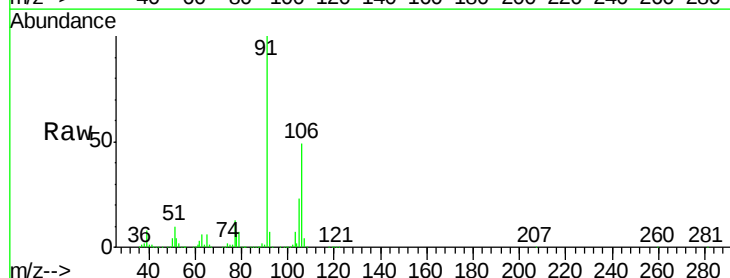
Acq: 26 Jun 2018 1:46

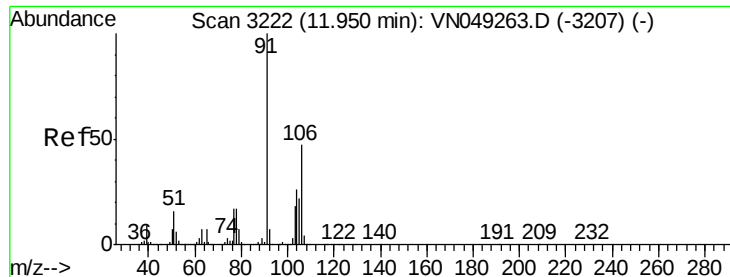
Tgt Ion: 106 Resp: 1194661

Ion Ratio Lower Upper

106 100

91 203.3 167.3 250.9

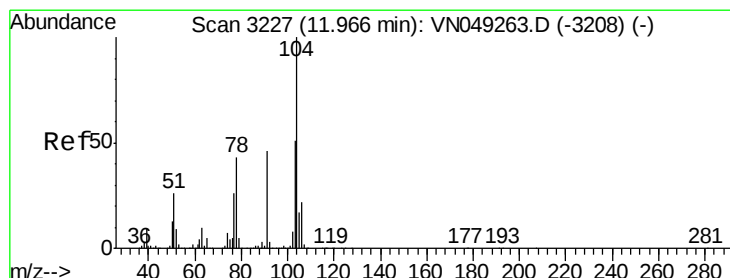
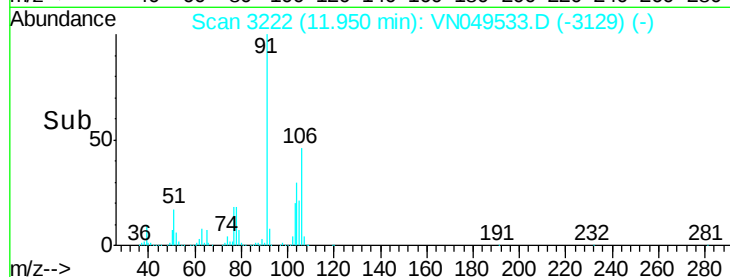
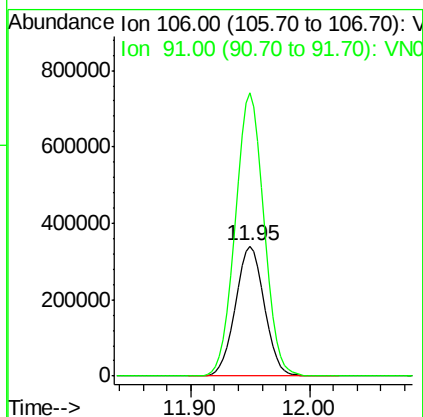
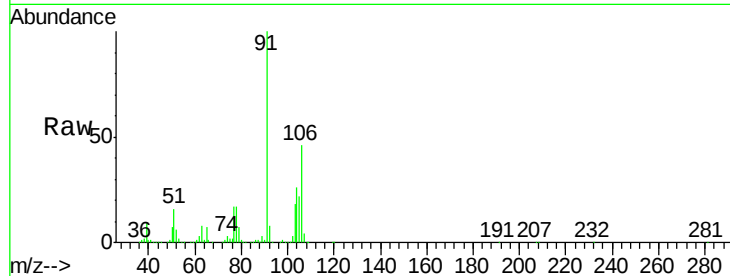




#69
o-Xylene
Concen: 19.48 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

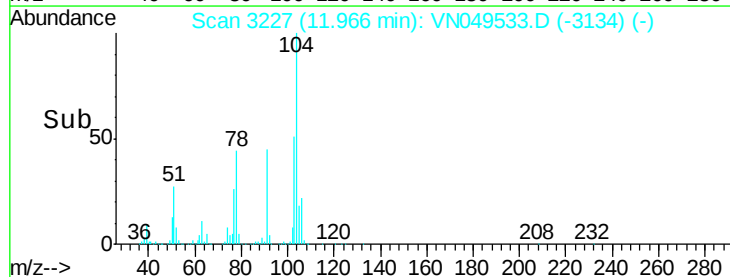
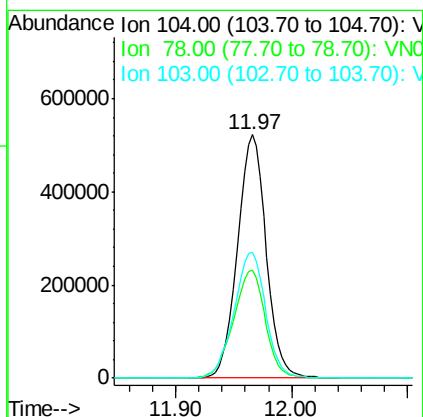
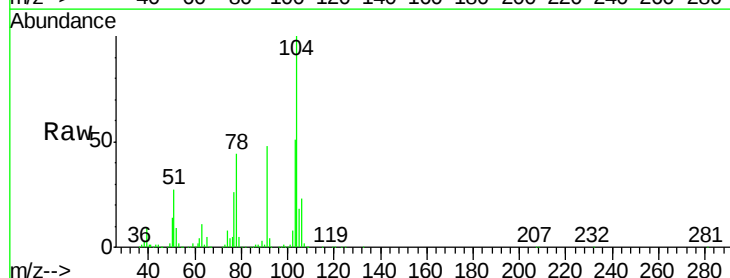
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

Tot Ion:106 Resp: 571968
Ion Ratio Lower Upper
106 100
91 215.8 111.0 333.0



#70
Styrene
Concen: 19.29 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion:104 Resp: 893834
Ion Ratio Lower Upper
104 100
78 49.5 41.6 62.4
103 57.2 45.4 68.2





#71

Bromoform

Concen: 18.93 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

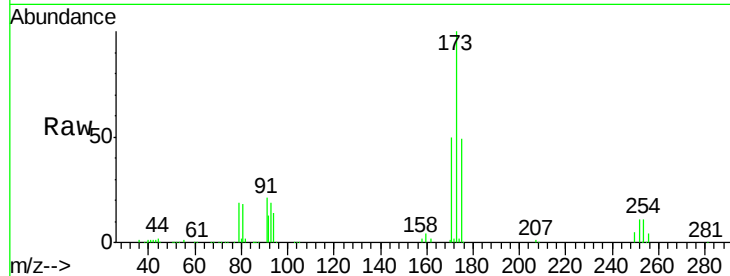
Tot Ion:173 Resp: 225905

Ion Ratio Lower Upper

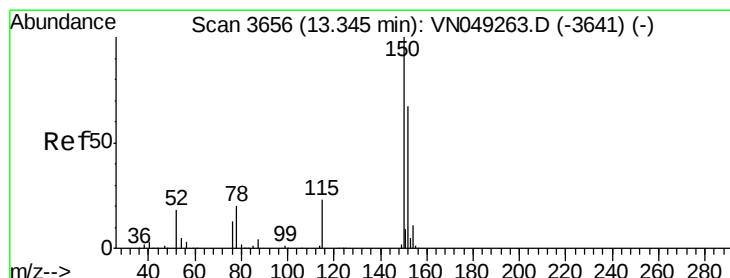
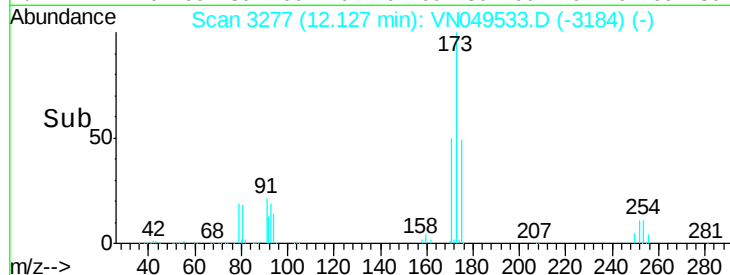
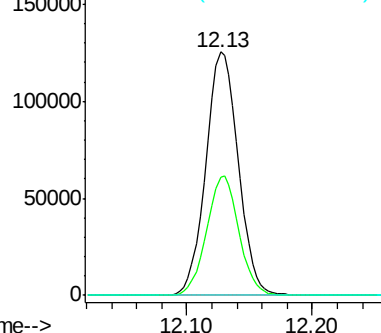
173 100

175 48.7 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: VN049533.D

Acq: 26 Jun 2018 1:46

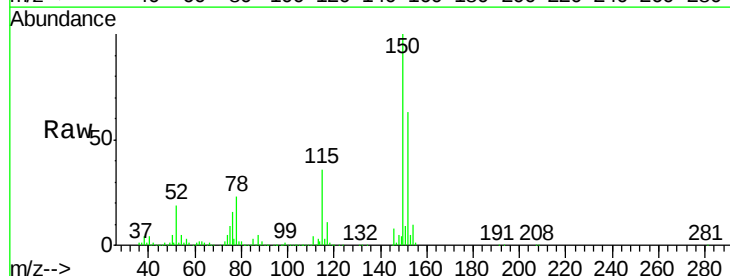
Tgt Ion:152 Resp: 860578

Ion Ratio Lower Upper

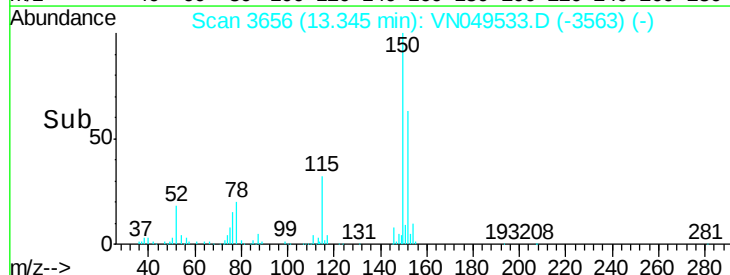
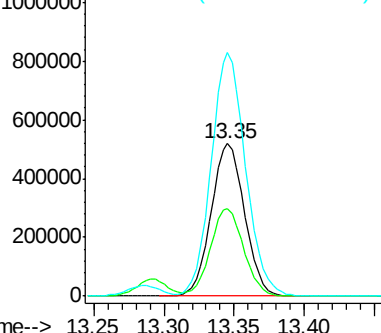
152 100

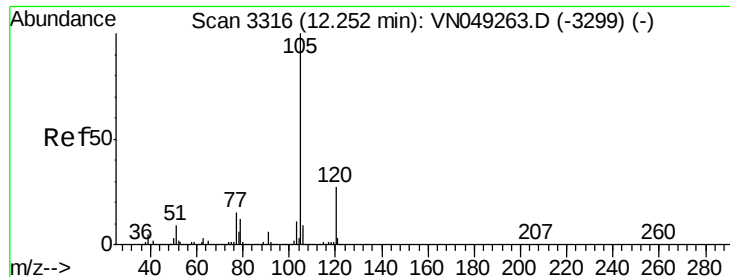
115 57.1 28.7 86.1

150 164.4 0.0 351.0



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





#73

Isopropylbenzene

Concen: 20.11 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

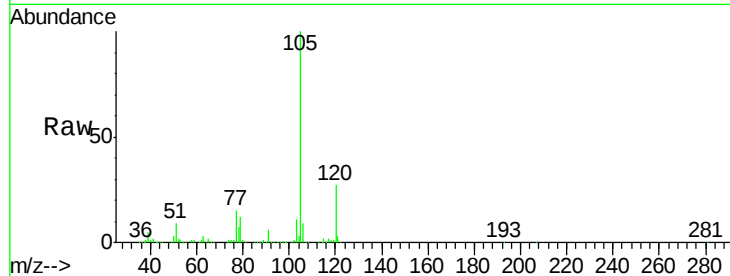
VN0625WBSD02

Tot Ion:105 Resp: 1519762

Ion Ratio Lower Upper

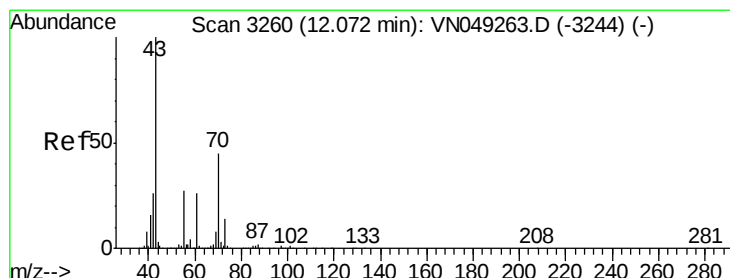
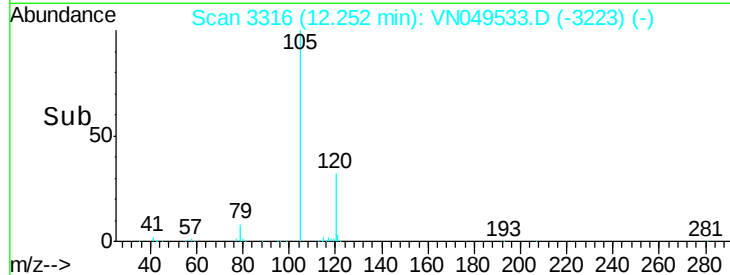
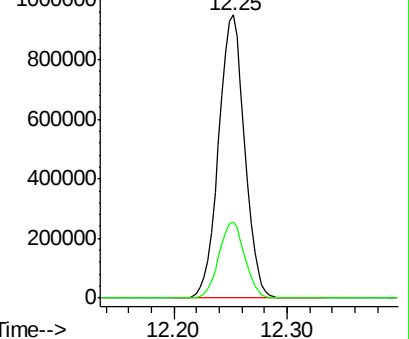
105 100

120 26.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.99 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Tgt Ion: 43 Resp: 332991

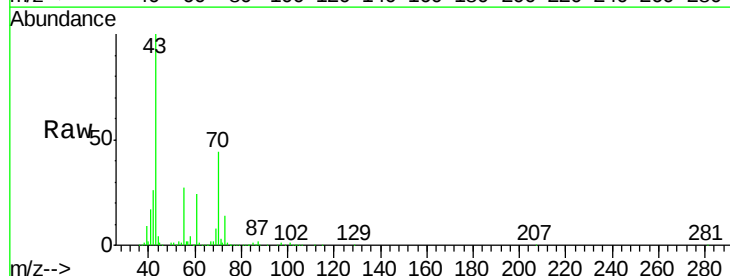
Ion Ratio Lower Upper

43 100

70 44.3 30.3 45.5

55 27.3 19.4 29.2

61 24.4 17.8 26.6

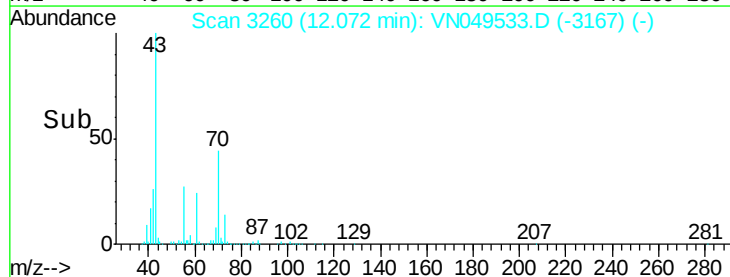
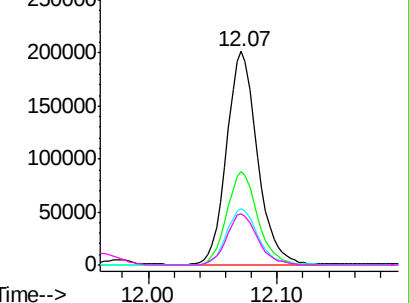


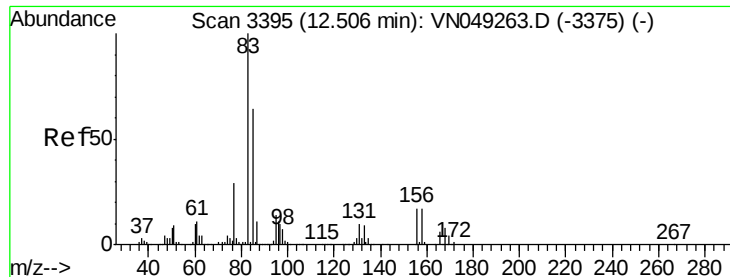
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.71 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

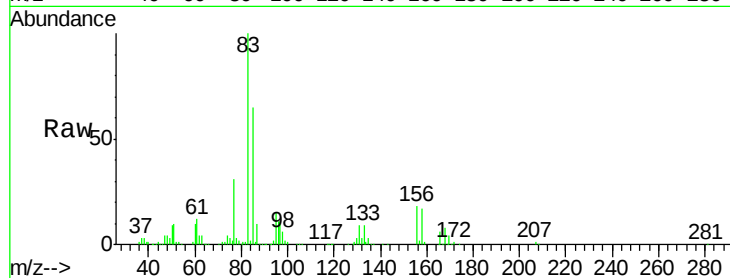
Tot Ion: 83 Resp: 327520

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

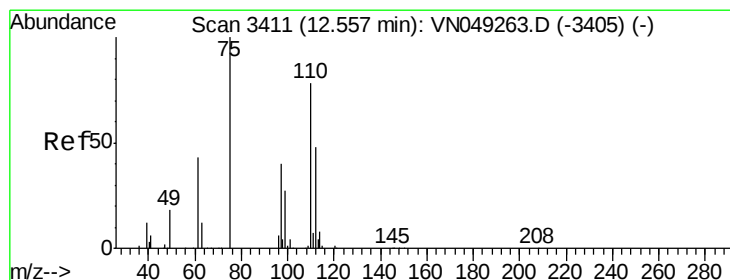
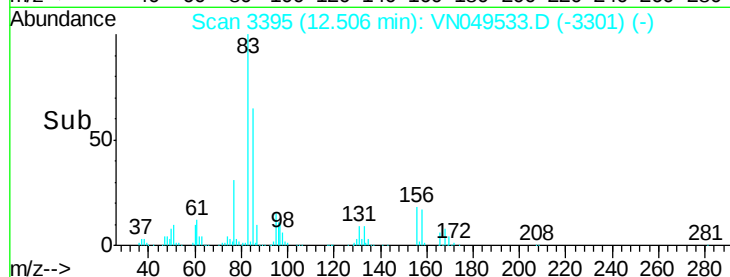
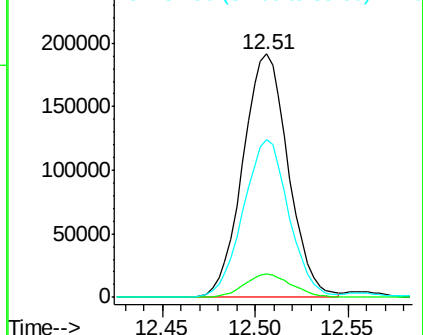
85 64.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.40 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049533.D

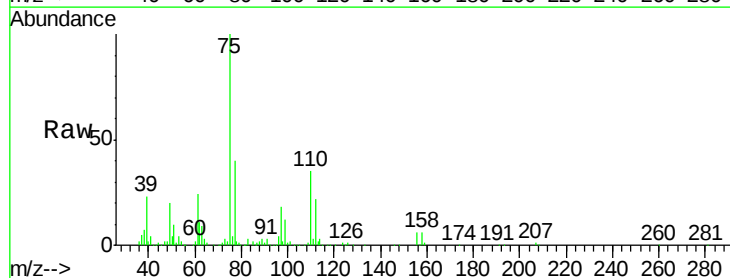
Acq: 26 Jun 2018 1:46

Tgt Ion: 75 Resp: 417008

Ion Ratio Lower Upper

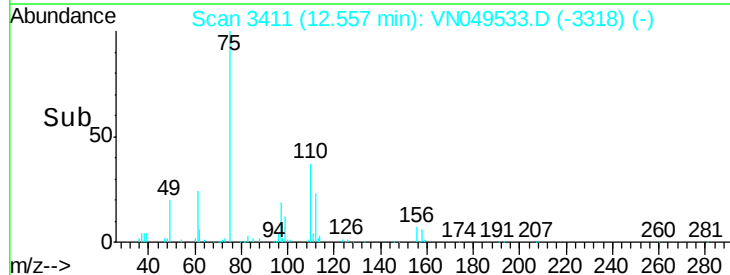
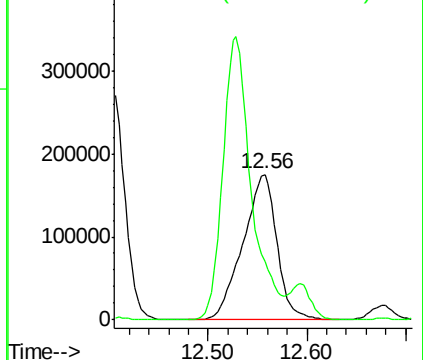
75 100

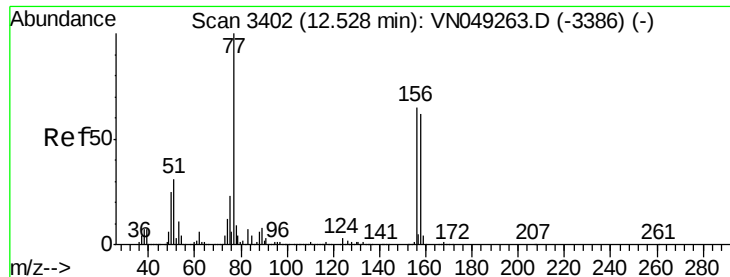
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.31 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

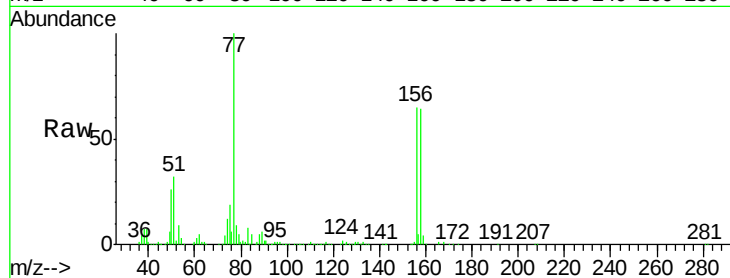
Tot Ion:156 Resp: 385387

Ion Ratio Lower Upper

156 100

77 179.4 100.8 302.4

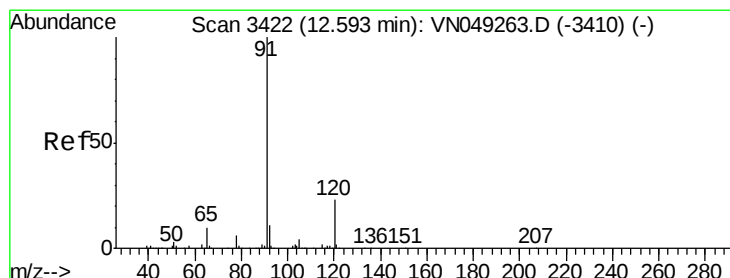
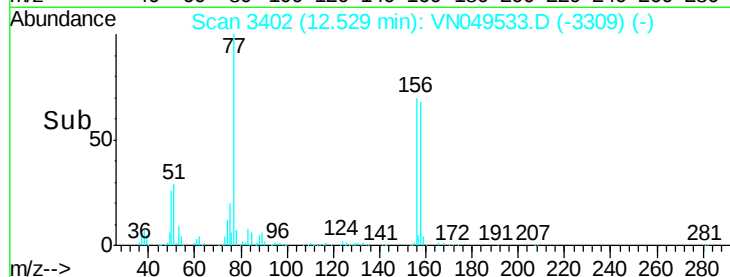
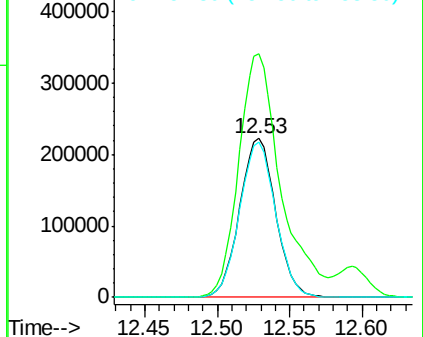
158 97.8 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.25 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049533.D

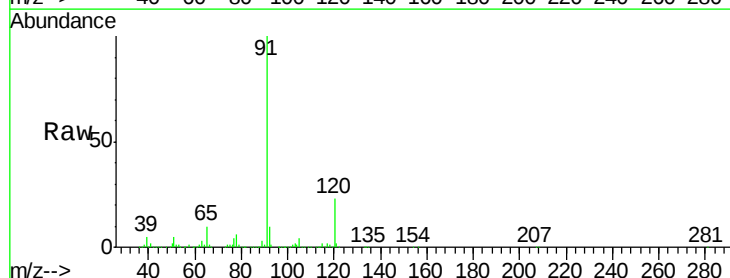
Acq: 26 Jun 2018 1:46

Tgt Ion: 91 Resp: 1680062

Ion Ratio Lower Upper

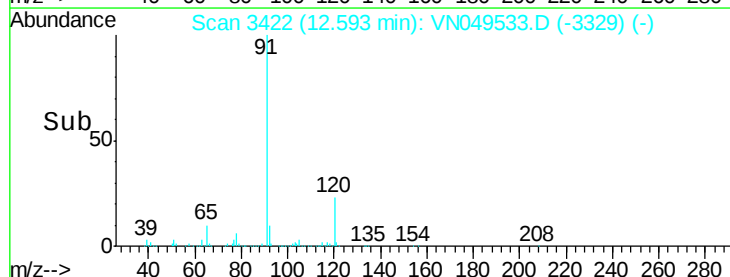
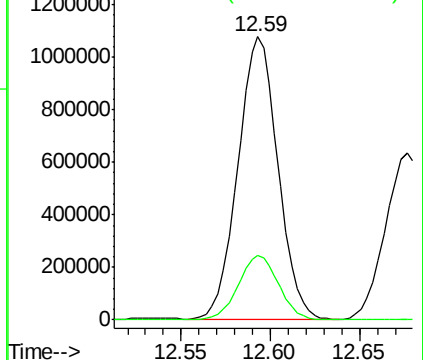
91 100

120 22.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.77 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampled :

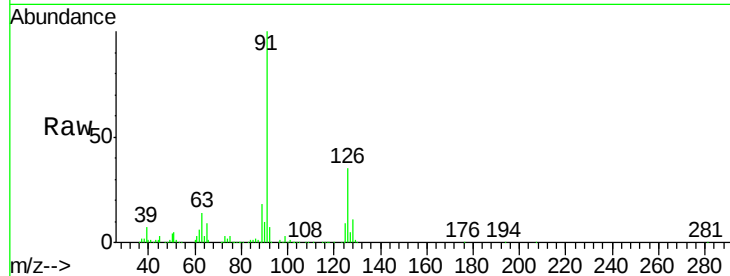
VN0625WBSD02

Tot Ion: 91 Resp: 1039500

Ion Ratio Lower Upper

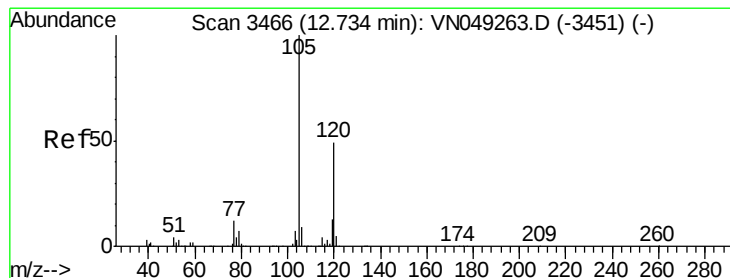
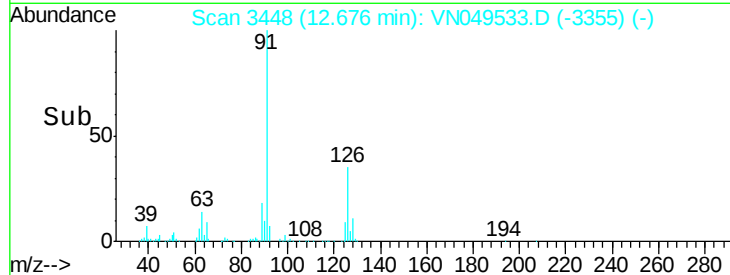
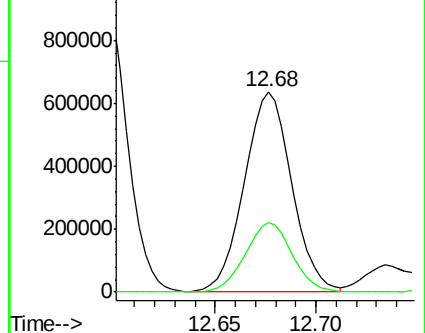
91 100

126 34.8 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.71 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049533.D

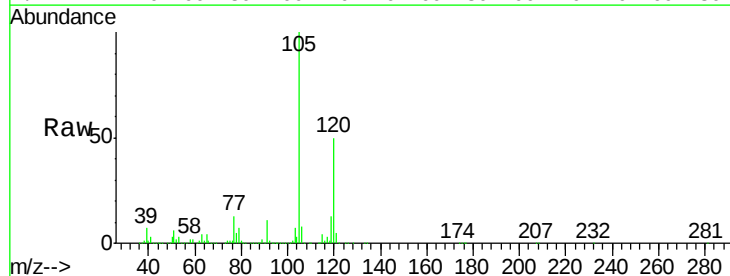
Acq: 26 Jun 2018 1:46

Tgt Ion:105 Resp: 1229791

Ion Ratio Lower Upper

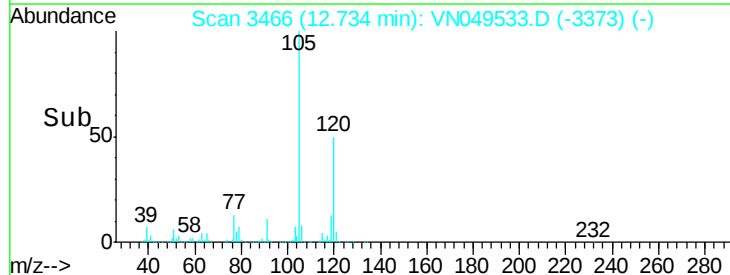
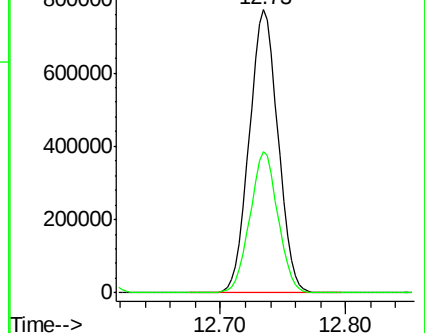
105 100

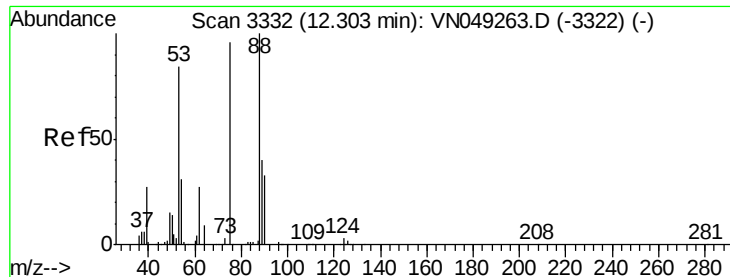
120 48.8 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.02 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

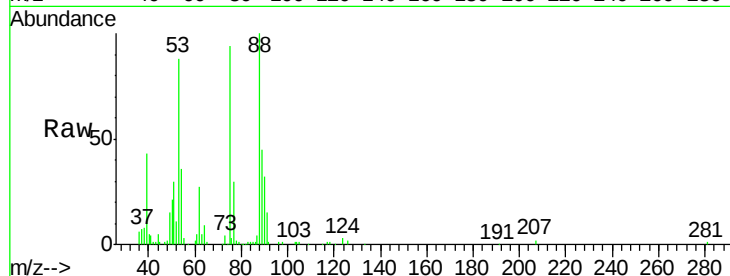
Tot Ion: 75 Resp: 79080

Ion Ratio Lower Upper

75 100

53 93.9 82.7 124.1

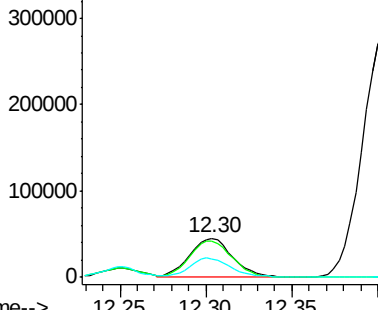
89 47.6 36.5 54.7



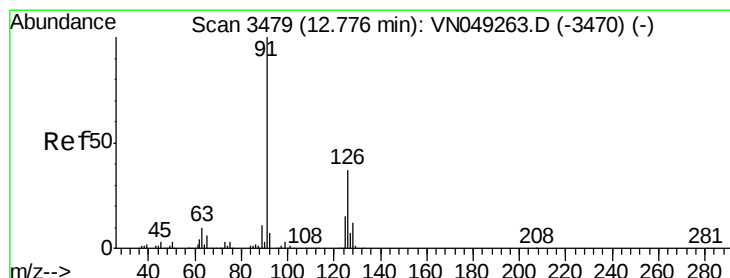
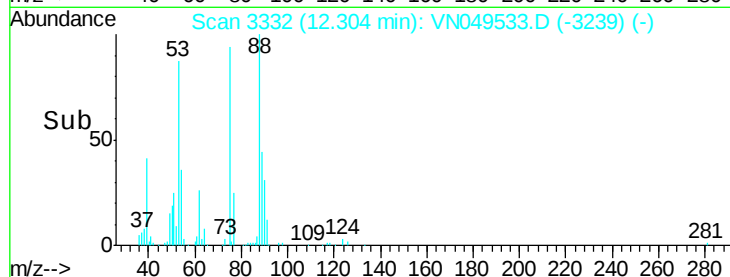
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



Time-->



#82

4-Chlorotoluene

Concen: 19.93 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049533.D

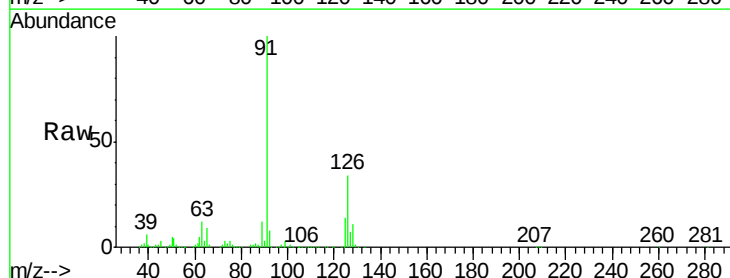
Acq: 26 Jun 2018 1:46

Tgt Ion: 91 Resp: 1010542

Ion Ratio Lower Upper

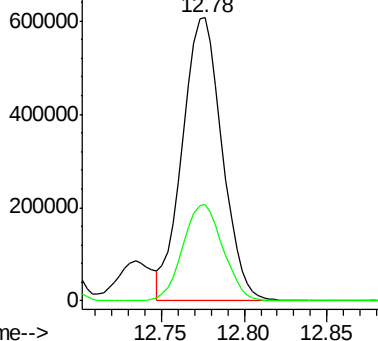
91 100

126 34.5 16.4 49.1

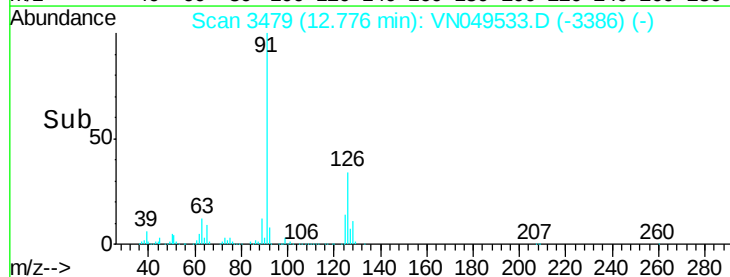


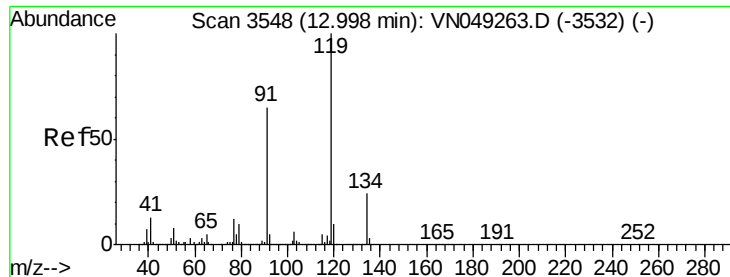
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



Time-->

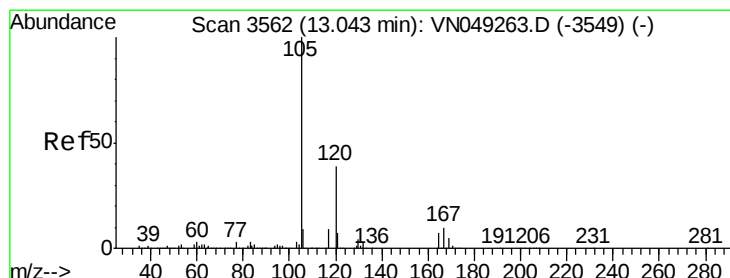
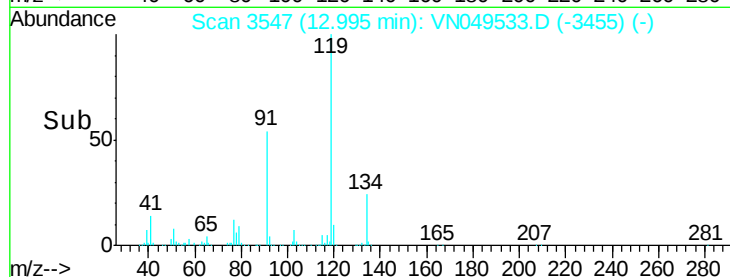
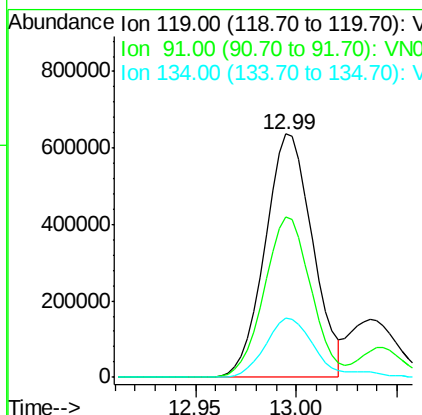
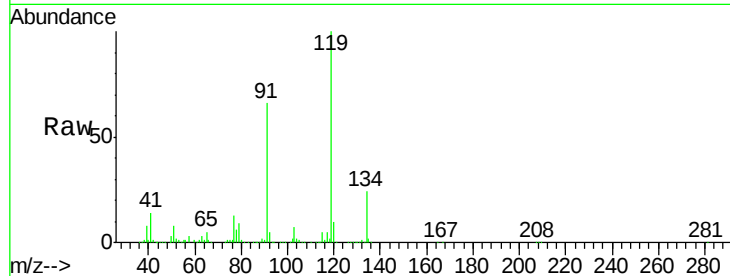




#83
 tert-Butylbenzene
 Concen: 19.81 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

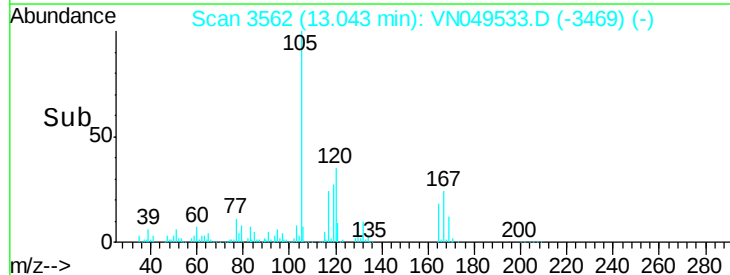
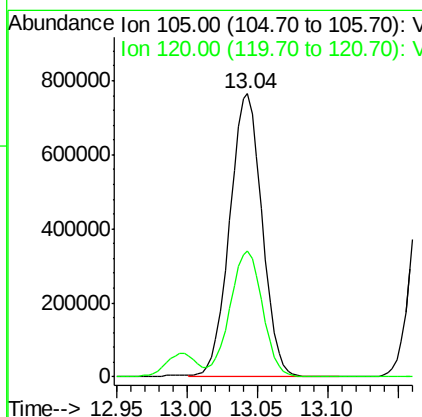
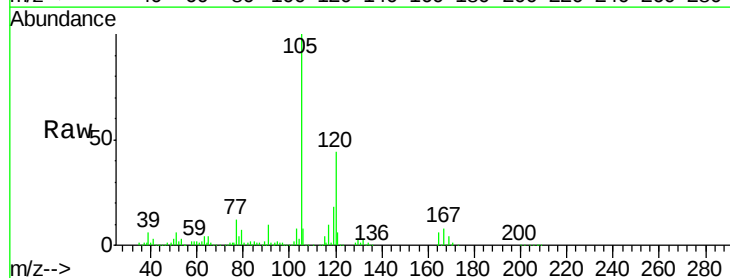
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

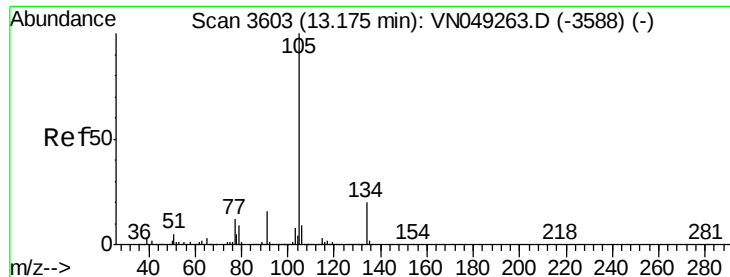
Tot Ion:119 Resp: 1042523
 Ion Ratio Lower Upper
 119 100
 91 64.9 33.7 101.0
 134 24.5 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.79 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Tgt Ion:105 Resp: 1226560
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.69 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

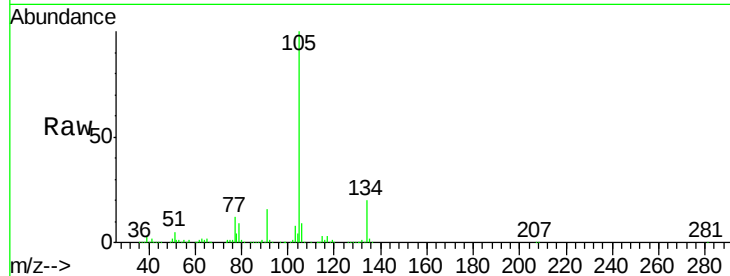
VN0625WBSD02

Tot Ion:105 Resp: 1378690

Ion Ratio Lower Upper

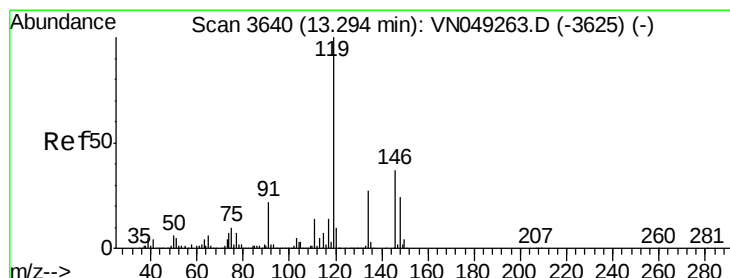
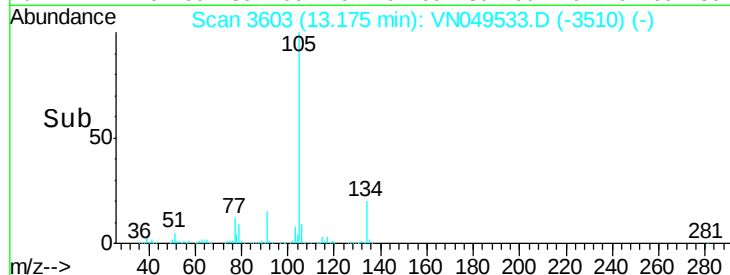
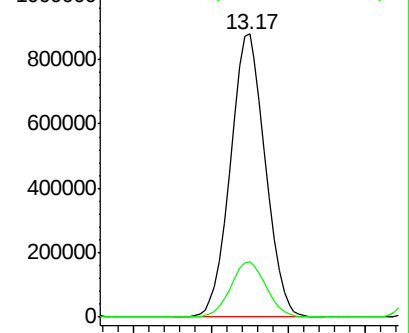
105 100

134 19.9 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.59 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

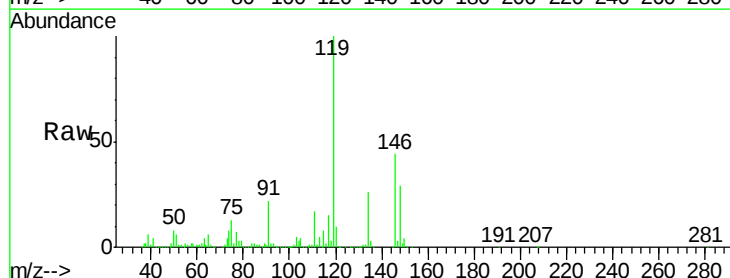
Tgt Ion:119 Resp: 1146179

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

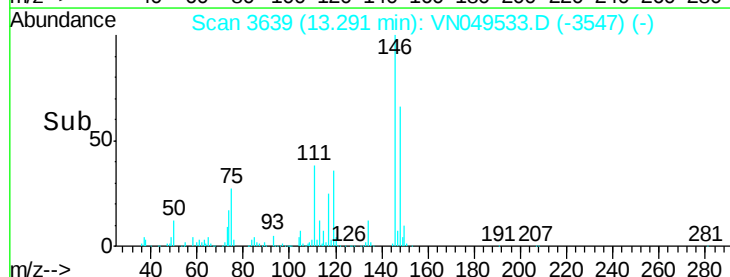
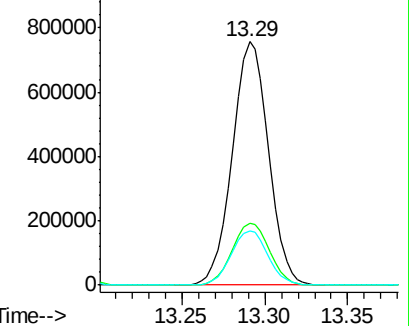
91 22.7 12.1 36.3



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: 19.11 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD02

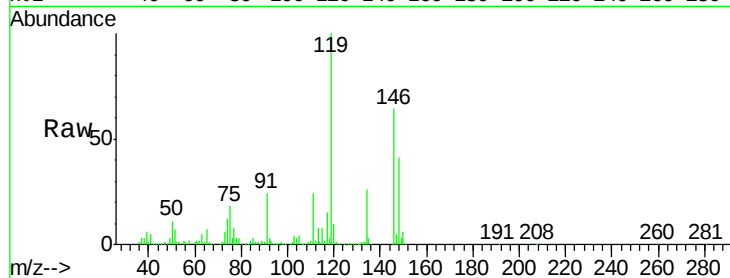
Tot Ion:146 Resp: 627295

Ion Ratio Lower Upper

146 100

111 37.9 19.9 59.6

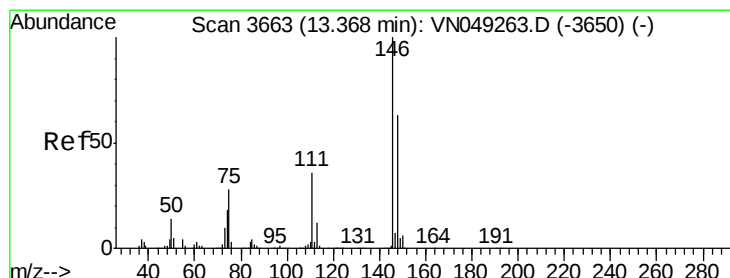
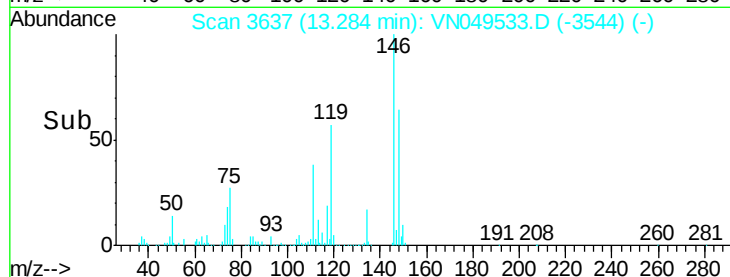
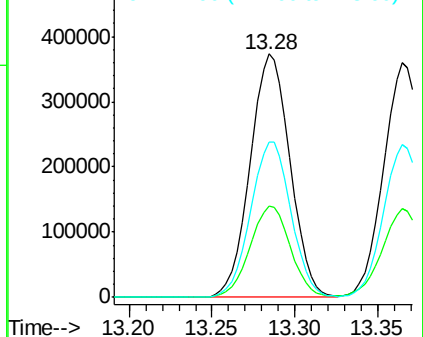
148 64.5 32.1 96.5



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: 18.54 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

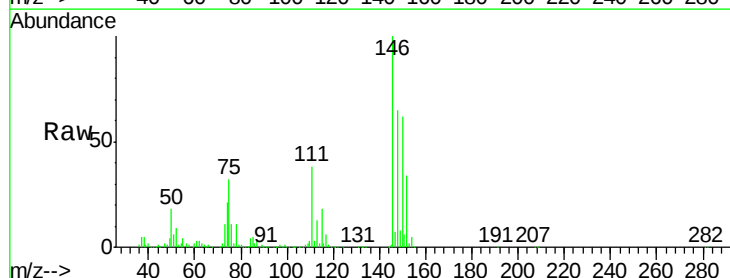
Tgt Ion:146 Resp: 603207

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.1

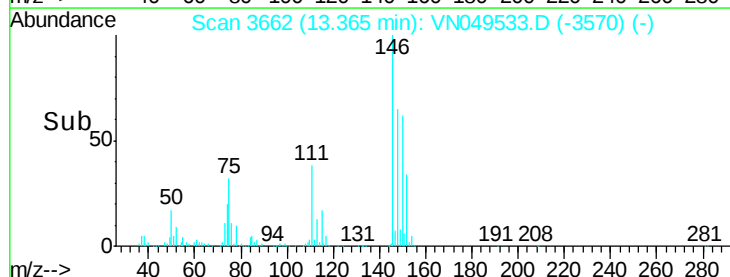
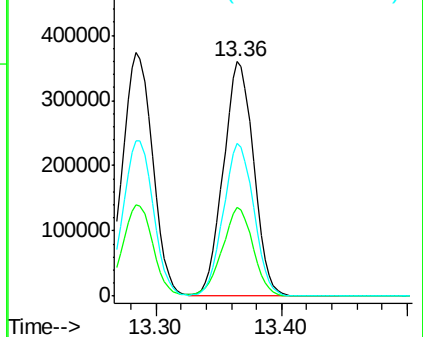
148 65.3 32.0 96.2

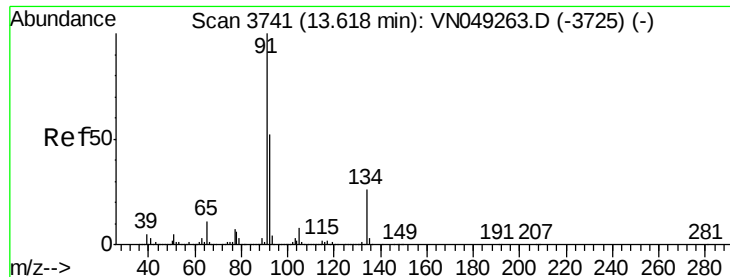


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

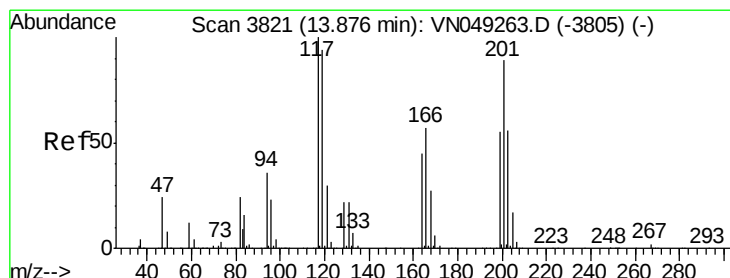
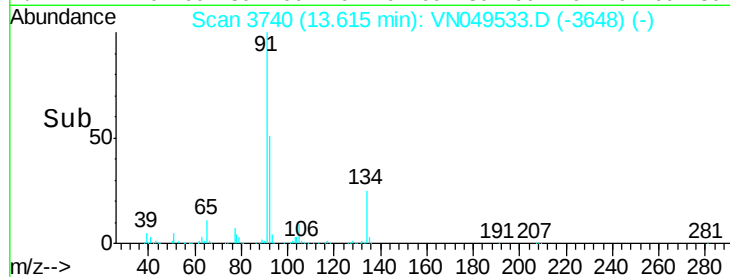
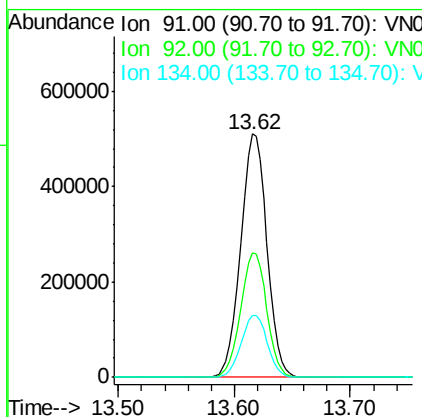
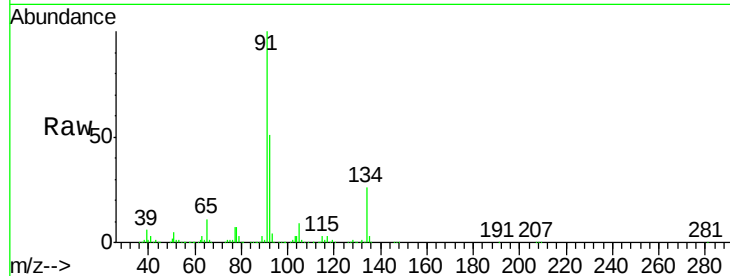




#89
n-Butylbenzene
Concen: 17.51 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

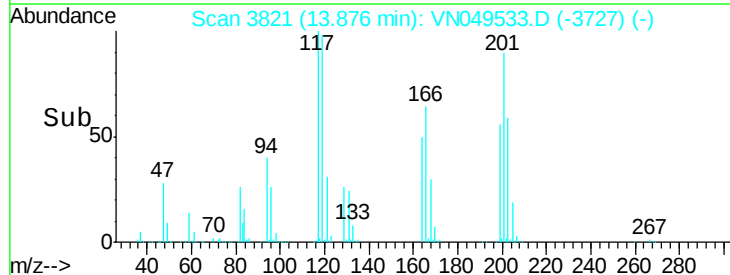
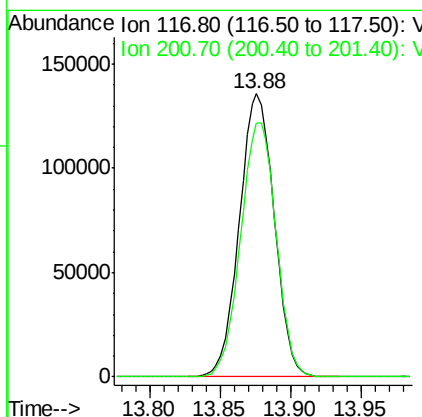
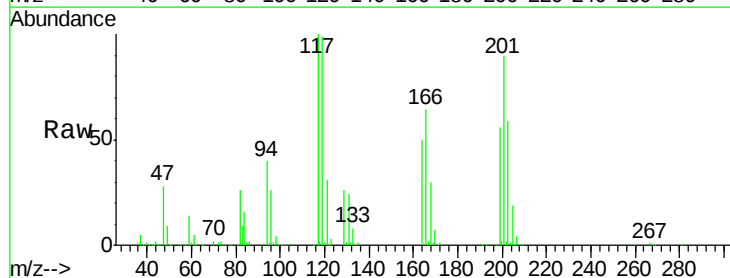
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD02

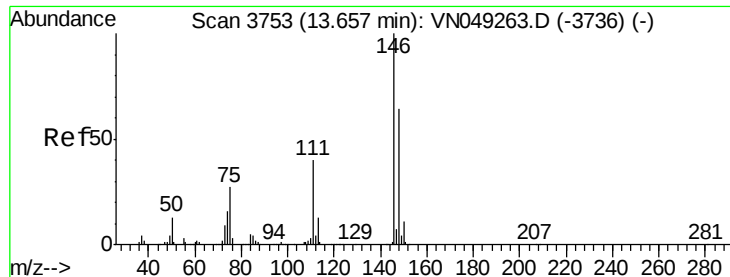
Tot Ion: 91 Resp: 800004
Ion Ratio Lower Upper
91 100
92 50.8 25.1 75.4
134 25.6 12.0 36.0



#90
Hexachloroethane
Concen: 20.22 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049533.D
Acq: 26 Jun 2018 1:46

Tgt Ion: 117 Resp: 235087
Ion Ratio Lower Upper
117 100
201 91.2 40.1 120.2

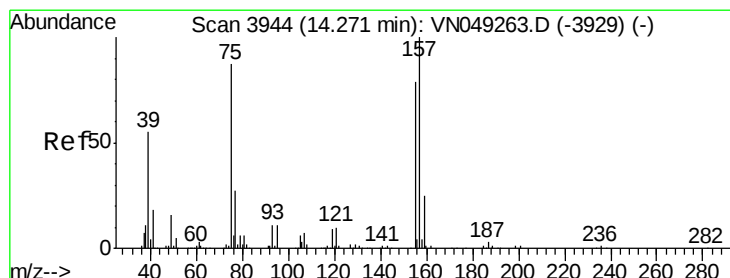
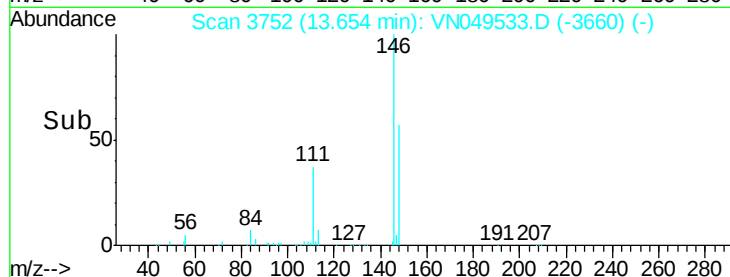
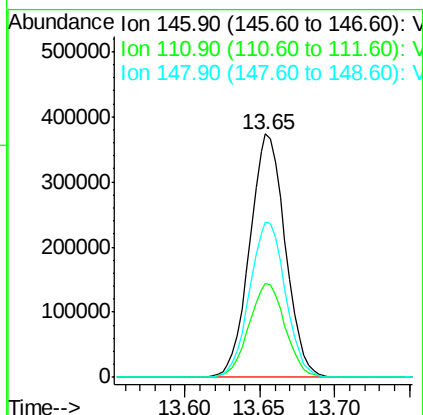
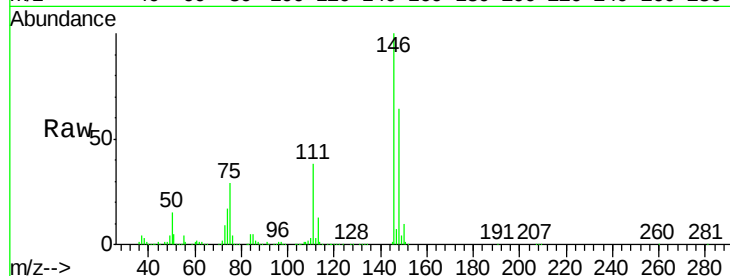




#91
 1,2-Dichlorobenzene
 Concen: 19.15 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

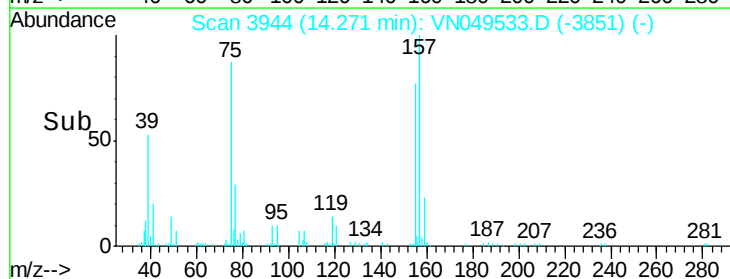
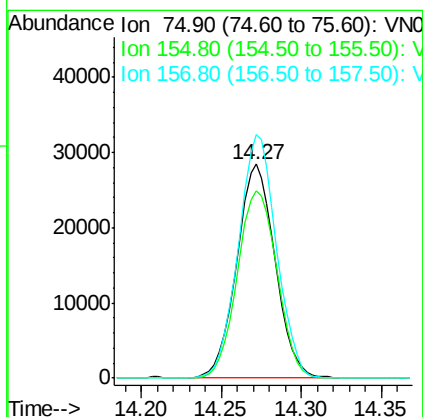
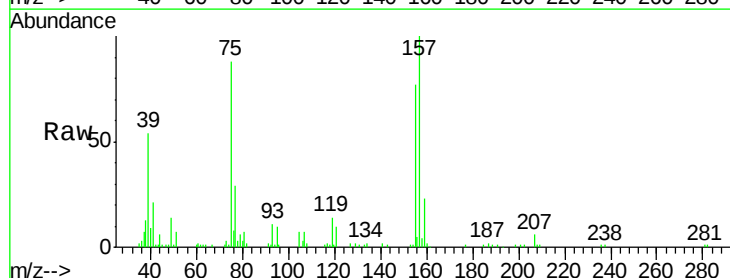
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

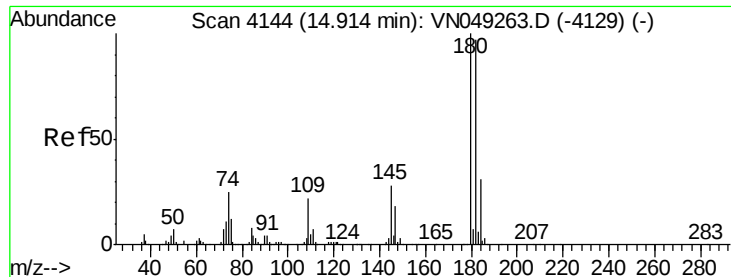
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.8	62.2
148	64.4	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.64 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.3	38.8	116.3
157	113.0	51.0	153.1

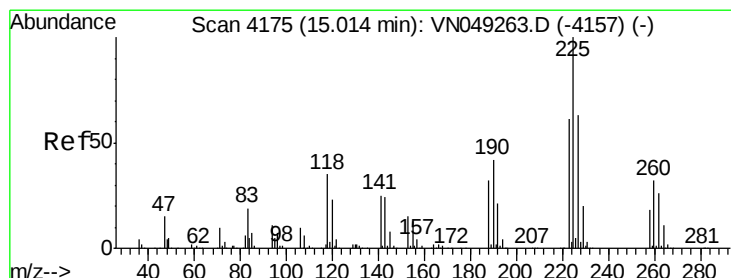
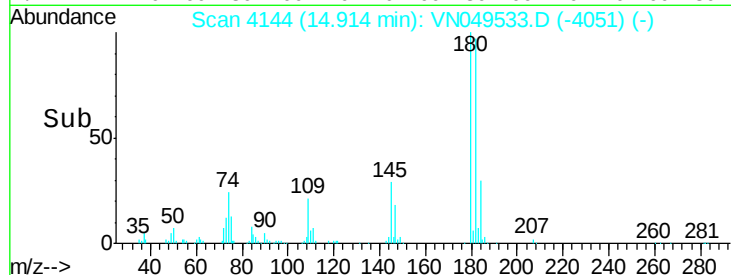
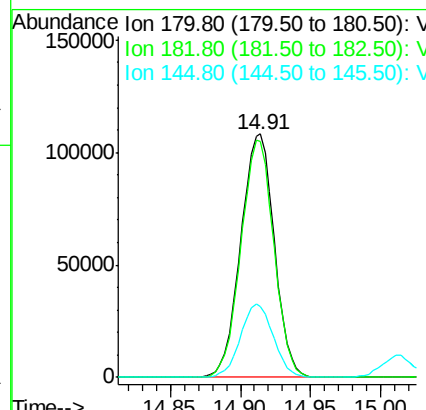
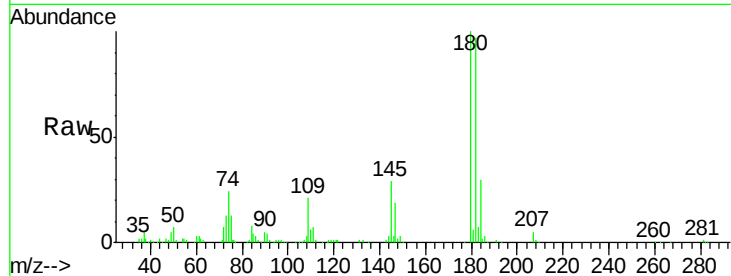




#93
 1,2,4-Trichlorobenzene
 Concen: 15.80 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

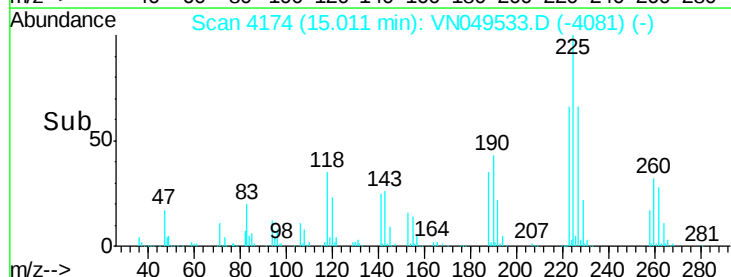
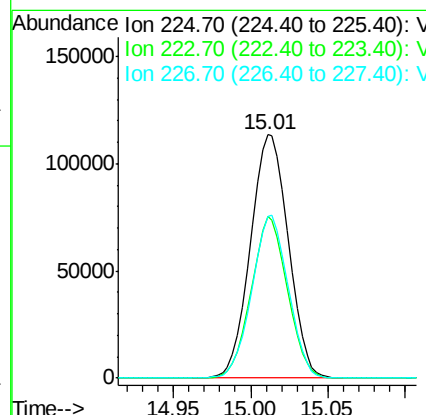
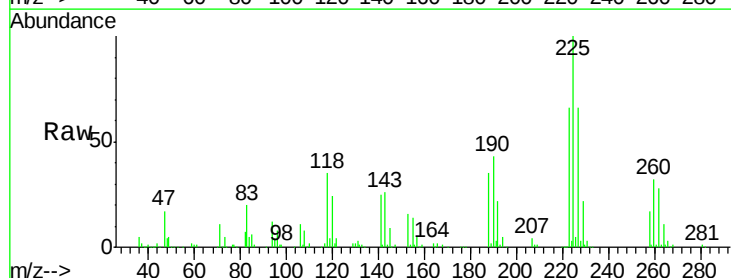
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

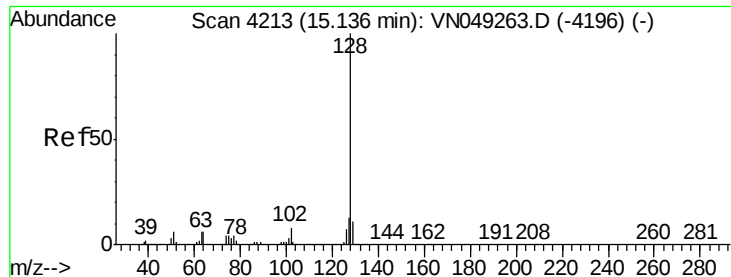
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.9	140.8
145	29.5	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 18.82 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049533.D
 Acq: 26 Jun 2018 1:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.1	96.3
227	64.5	31.8	95.3





#95

Naphthalene

Concen: 16.20 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

Instrument :

MSVOA_N

ClientSampled :

VN0625WBSD02

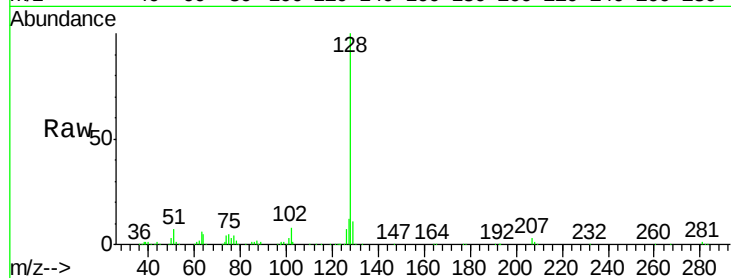
Tot Ion:128 Resp: 350756

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

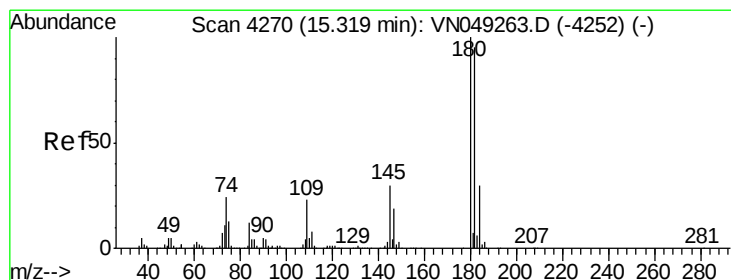
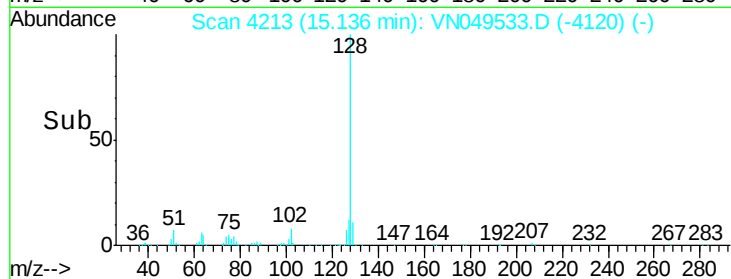
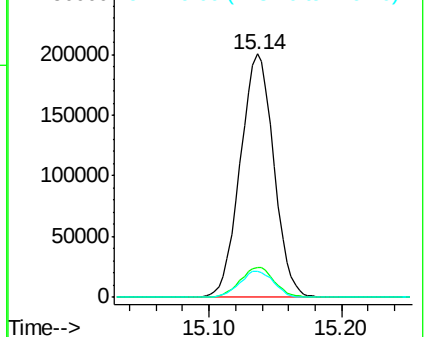
129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.55 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049533.D

Acq: 26 Jun 2018 1:46

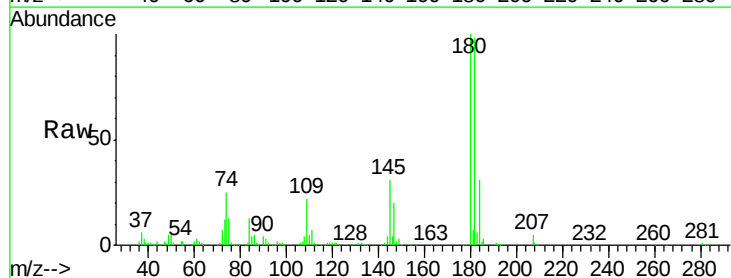
Tgt Ion:180 Resp: 202879

Ion Ratio Lower Upper

180 100

182 96.8 47.3 141.8

145 30.8 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

