

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049518.D
 Acq On : 25 Jun 2018 18:29
 Operator : MD\SY
 Sample : VN0625WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Quant Time: Jun 26 01:41:24 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	1581145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2330192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2099680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1003850	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1051009	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
35) Dibromofluoromethane	7.59	113	928762	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	10.09	98	3507576	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.40	95	1146174	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	293169	16.11	ug/l	100
3) Chloromethane	2.06	50	385511	16.40	ug/l	96
4) Vinyl Chloride	2.18	62	420838	16.85	ug/l	97
5) Bromomethane	2.57	94	226081	17.22	ug/l	96
6) Chloroethane	2.70	64	265522	17.83	ug/l	99
7) Trichlorofluoromethane	3.01	101	593783	19.06	ug/l	99
8) Diethyl Ether	3.41	74	210932	19.39	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.75	101	366098	18.53	ug/l	92
10) Methyl Iodide	3.95	142	389587	18.94	ug/l	92
11) Tert butyl alcohol	4.80	59	123940	100.69	ug/l	99
12) 1,1-Dichloroethene	3.73	96	329026	18.15	ug/l	88
13) Acrolein	3.61	56	145961	113.08	ug/l	99
14) Allyl chloride	4.32	41	529368	18.49	ug/l	90
15) Acrylonitrile	4.99	53	605707	98.41	ug/l	98
16) Acetone	3.82	43	488232	95.88	ug/l #	89
17) Carbon Disulfide	4.05	76	934757	16.45	ug/l	99
18) Methyl Acetate	4.33	43	332315	21.40	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	915736	19.81	ug/l	98
20) Methylene Chloride	4.55	84	386077	18.15	ug/l	93
21) trans-1,2-Dichloroethene	5.04	96	350434	18.26	ug/l	93
22) Diisopropyl ether	5.96	45	1141484	19.97	ug/l	98
23) Vinyl Acetate	5.90	43	3570975	95.83	ug/l	95
24) 1,1-Dichloroethane	5.85	63	696541	19.04	ug/l	98
25) 2-Butanone	6.84	43	676990	99.02	ug/l	93
26) 2,2-Dichloropropane	6.83	77	573752	19.42	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	403588	18.91	ug/l	91
28) Bromochloromethane	7.19	49	338683	20.88	ug/l #	83
29) Tetrahydrofuran	7.22	42	429577	97.61	ug/l	93
30) Chloroform	7.37	83	704019	19.33	ug/l	99
31) Cyclohexane	7.66	56	592784	19.00	ug/l #	92
32) 1,1,1-Trichloroethane	7.57	97	604888	19.47	ug/l	97
36) 1,1-Dichloropropene	7.79	75	513988	19.25	ug/l	97
37) Ethyl Acetate	6.94	43	304559	20.98	ug/l	99
38) Carbon Tetrachloride	7.77	117	538870	19.49	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049518.D
 Acq On : 25 Jun 2018 18:29
 Operator : MD\SY
 Sample : VN0625WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Quant Time: Jun 26 01:41:24 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	532813	18.59	ug/l	98
40) Benzene	8.04	78	1574178	19.23	ug/l	100
41) Methacrylonitrile	7.21	41	432373	55.09	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	488361	19.31	ug/l	97
43) Isopropyl Acetate	8.17	43	559287	20.16	ug/l	96
44) Trichloroethene	8.84	130	427346	19.77	ug/l	92
45) 1,2-Dichloropropane	9.12	63	414387	19.33	ug/l	99
46) Dibromomethane	9.21	93	242734	19.53	ug/l	90
47) Bromodichloromethane	9.40	83	534287	19.56	ug/l	96
48) Methyl methacrylate	9.20	41	267602	20.49	ug/l	87
49) 1,4-Dioxane	9.20	88	70651	391.87	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1487390	102.31	ug/l	95
52) Toluene	10.16	92	966613	20.11	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	501086	19.18	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	601090	19.48	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	352620	19.68	ug/l	97
56) Ethyl methacrylate	10.43	69	402792	19.49	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	584689	19.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	566737	86.63	ug/l	96
59) 2-Hexanone	10.75	43	953554	101.73	ug/l	93
60) Dibromochloromethane	10.90	129	394000	19.71	ug/l	98
61) 1,2-Dibromoethane	11.01	107	328422	19.72	ug/l	98
64) Tetrachloroethene	10.63	164	477448	22.19	ug/l	97
65) Chlorobenzene	11.44	112	1048239	19.38	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	393994	19.36	ug/l	99
67) Ethyl Benzene	11.51	91	1761348	19.63	ug/l	98
68) m/p-Xylenes	11.63	106	1347774	40.03	ug/l	98
69) o-Xylene	11.95	106	646990	19.95	ug/l	96
70) Styrene	11.97	104	1014611	19.83	ug/l	98
71) Bromoform	12.13	173	261587	19.85	ug/l	100
73) Isopropylbenzene	12.25	105	1720747	19.52	ug/l	98
74) N-amyl acetate	12.07	43	408800	18.94	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	387499	20.03	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	498692	29.12	ug/l #	100
77) Bromobenzene	12.53	156	435993	18.73	ug/l	91
78) n-propylbenzene	12.59	91	1907391	19.71	ug/l	98
79) 2-Chlorotoluene	12.68	91	1180014	19.24	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1406159	20.30	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	98751	18.22	ug/l	95
82) 4-Chlorotoluene	12.78	91	1162044	19.64	ug/l	97
83) tert-Butylbenzene	12.99	119	1176199	19.16	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1394570	20.26	ug/l	99
85) sec-Butylbenzene	13.17	105	1581107	19.35	ug/l	98
86) p-Isopropyltoluene	13.29	119	1337144	19.59	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	732096	19.11	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	703165	18.52	ug/l	100
89) n-Butylbenzene	13.62	91	946870	17.76	ug/l	98
90) Hexachloroethane	13.88	117	272292	20.06	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	713426	18.99	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	53705	17.50	ug/l	81

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
Data File : VN049518.D
Acq On : 25 Jun 2018 18:29
Operator : MD\SY
Sample : VN0625WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Quant Time: Jun 26 01:41:24 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

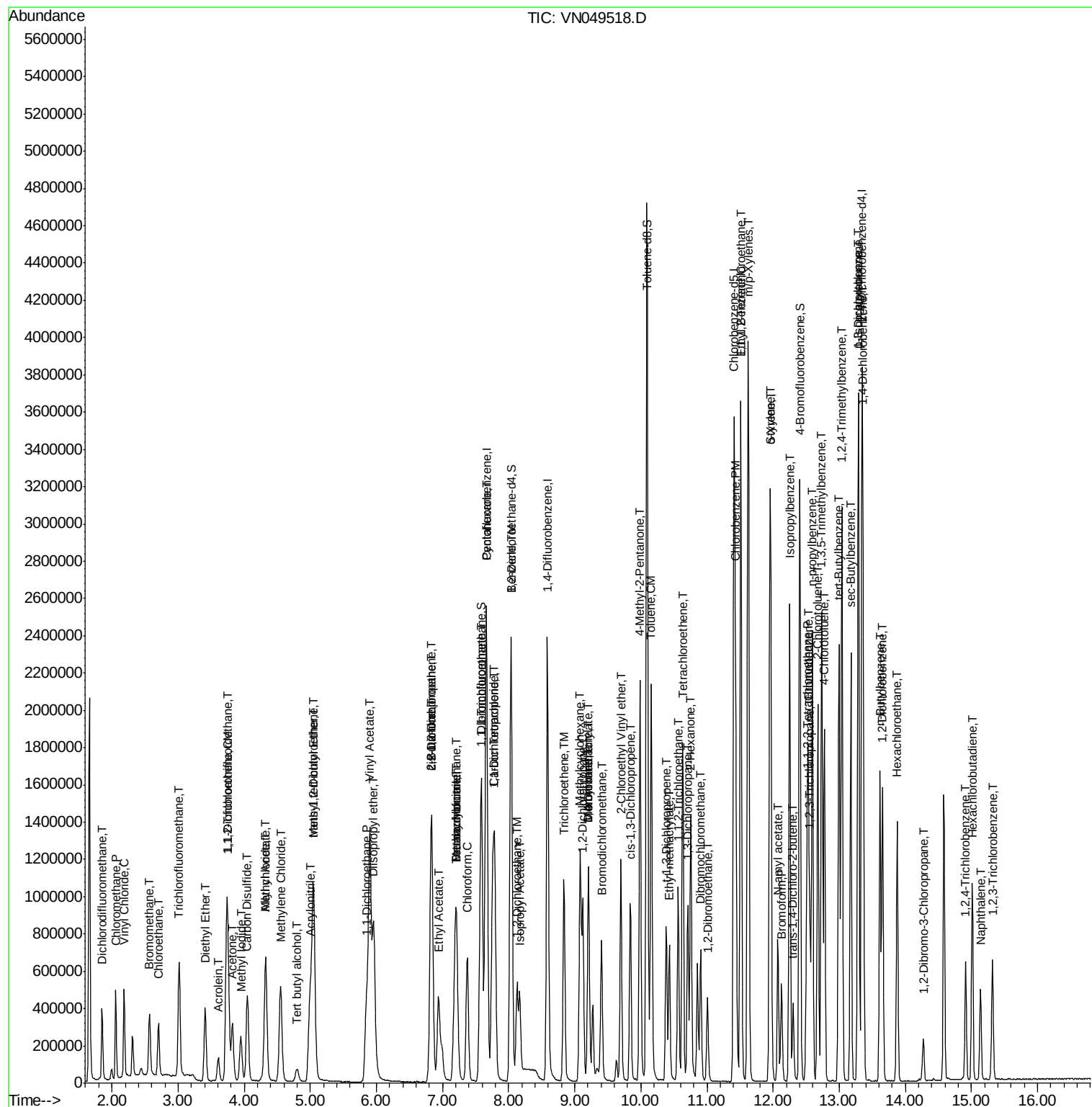
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	218345	16.22	ug/l	97
94) Hexachlorobutadiene	15.01	225	225248	18.80	ug/l	99
95) Naphthalene	15.14	128	426642	16.77	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	241682	16.82	ug/l	98

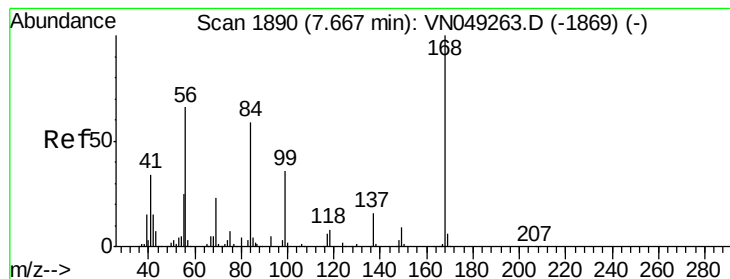
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062518\
Data File : VN049518.D
Acq On : 25 Jun 2018 18:29
Operator : MD\SY
Sample : VN0625WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample ID :
VN0625WBSD01

Quant Time: Jun 26 01:41:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

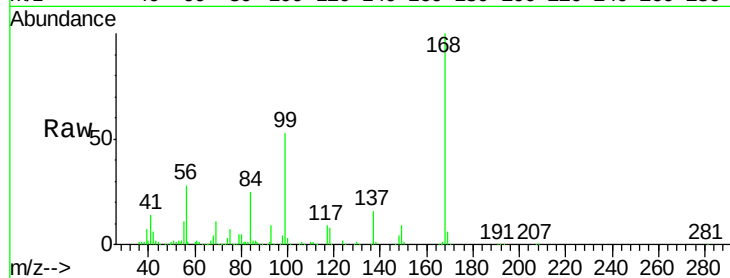
VN0625WBSD01

Tot Ion:168 Resp: 1581145

Ion Ratio Lower Upper

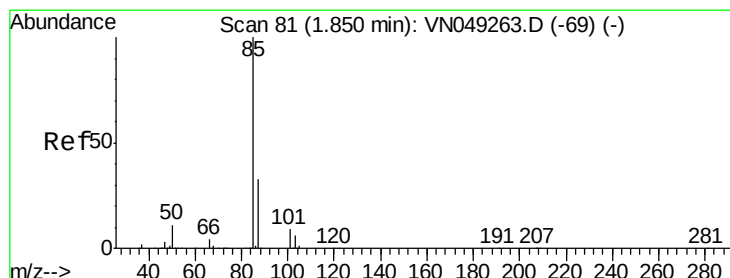
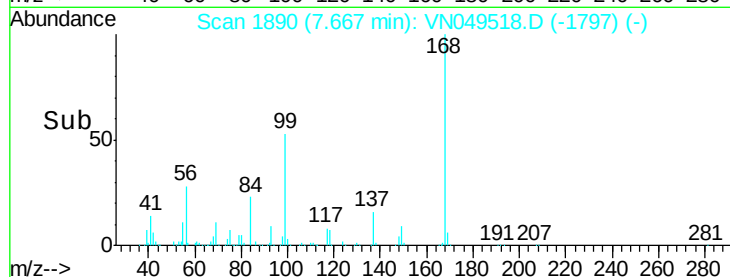
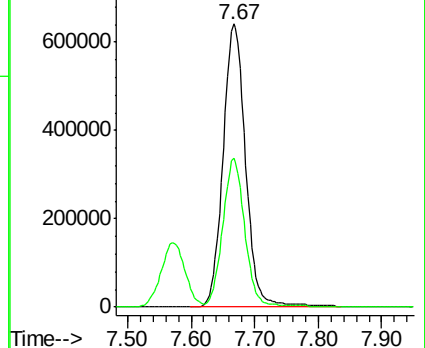
168 100

99 52.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 16.11 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049518.D

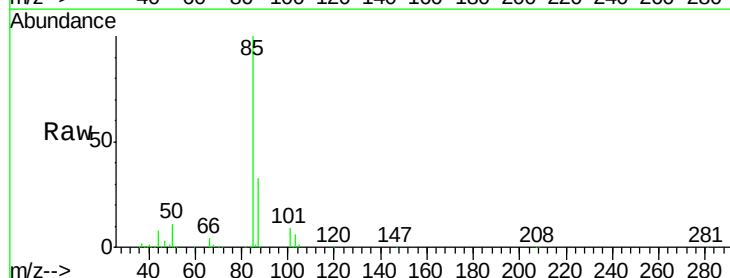
Acq: 25 Jun 2018 18:29

Tgt Ion: 85 Resp: 293169

Ion Ratio Lower Upper

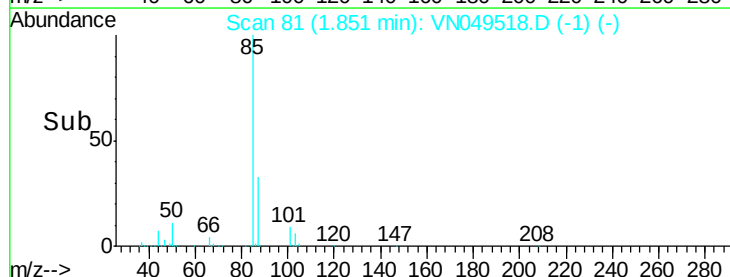
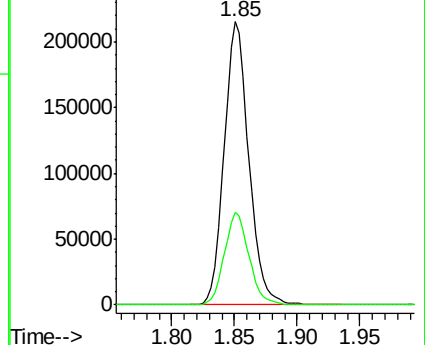
85 100

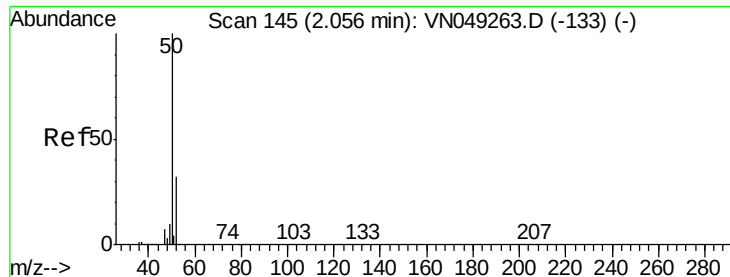
87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 16.40 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

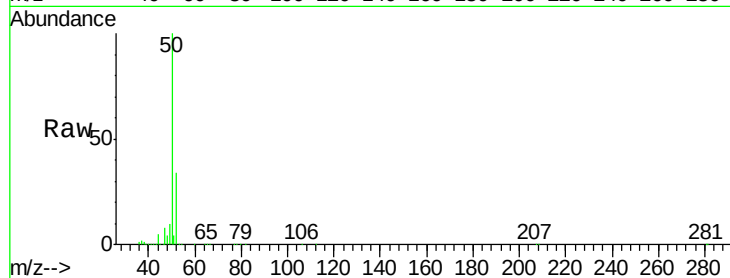
VN0625WBSD01

Tot Ion: 50 Resp: 385511

Ion Ratio Lower Upper

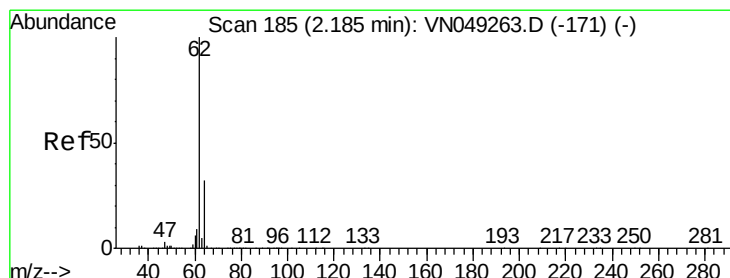
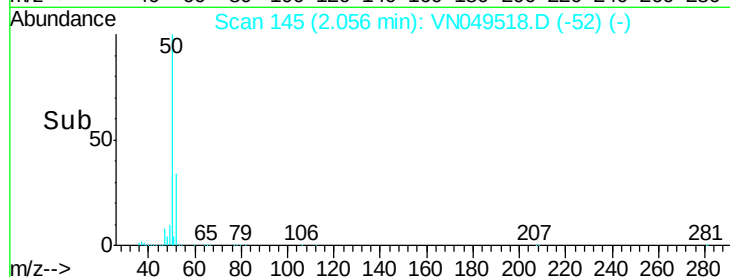
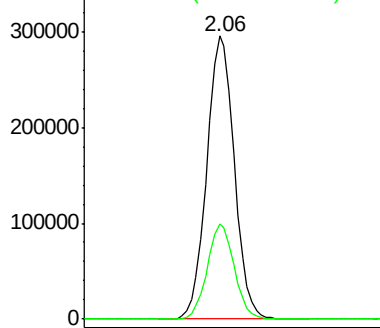
50 100

52 33.5 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 16.85 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049518.D

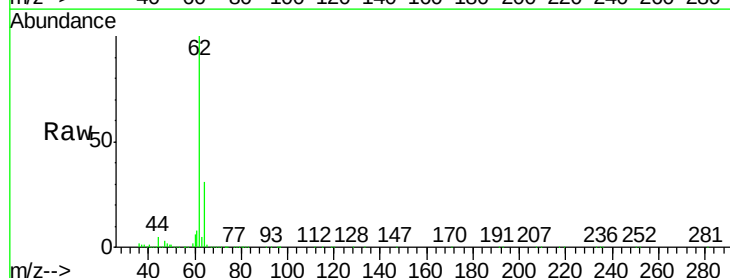
Acq: 25 Jun 2018 18:29

Tgt Ion: 62 Resp: 420838

Ion Ratio Lower Upper

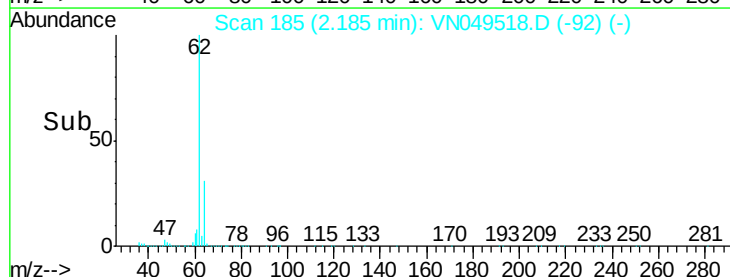
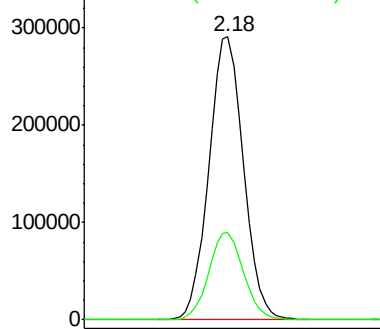
62 100

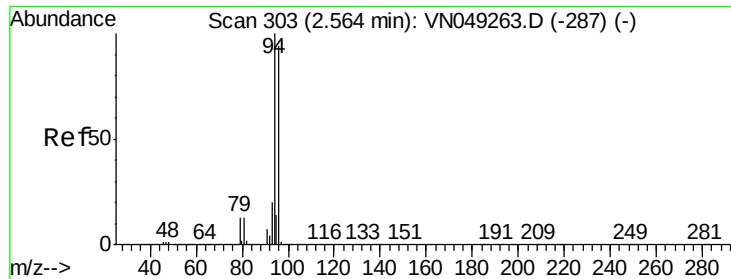
64 30.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 17.22 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

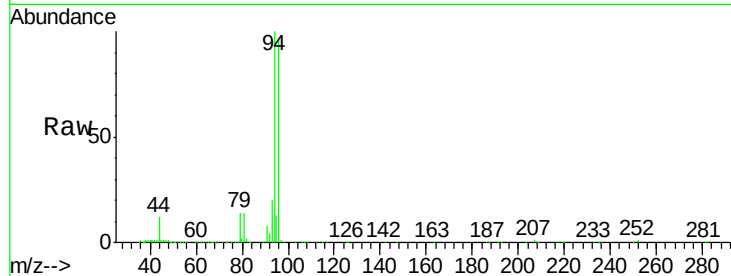
VN0625WBSD01

Tot Ion: 94 Resp: 226081

Ion Ratio Lower Upper

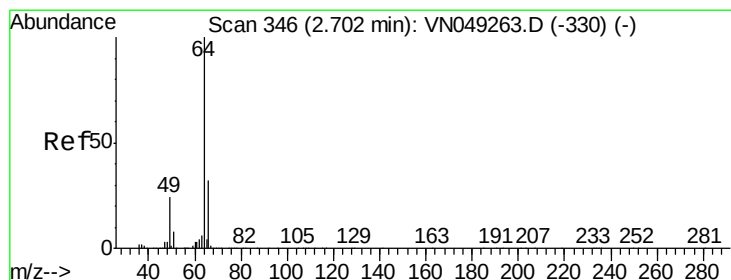
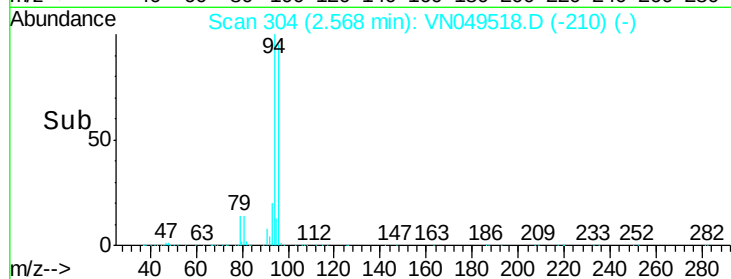
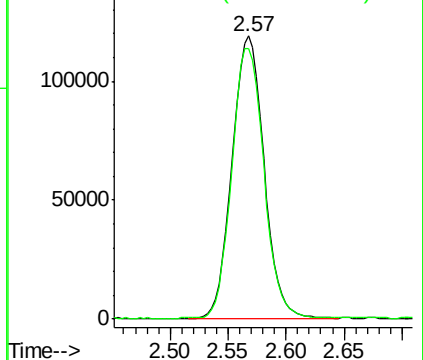
94 100

96 95.3 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.83 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049518.D

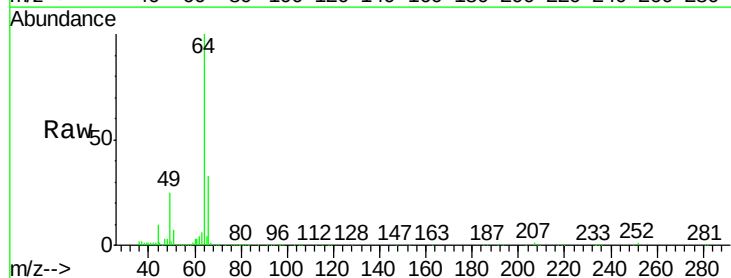
Acq: 25 Jun 2018 18:29

Tgt Ion: 64 Resp: 265522

Ion Ratio Lower Upper

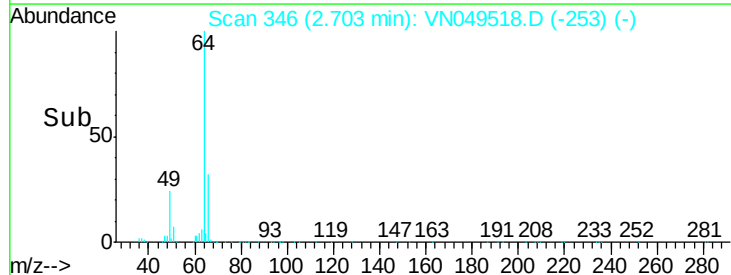
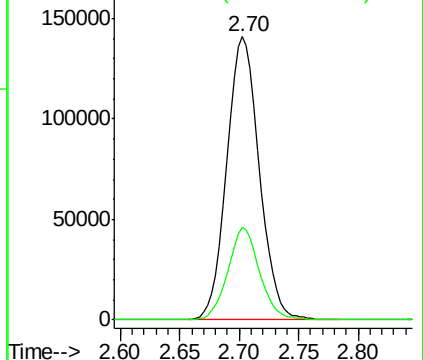
64 100

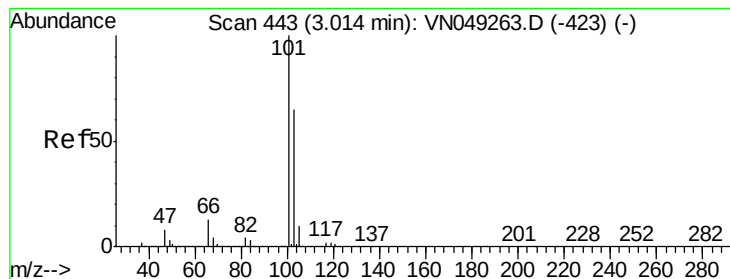
66 32.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



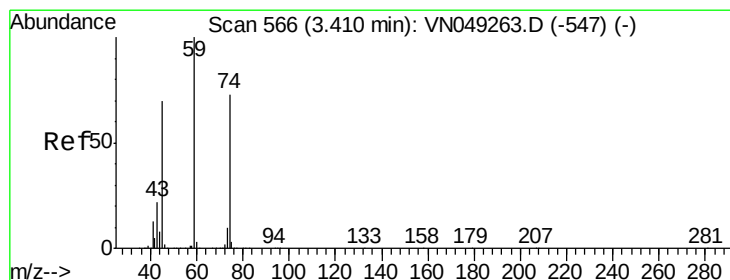
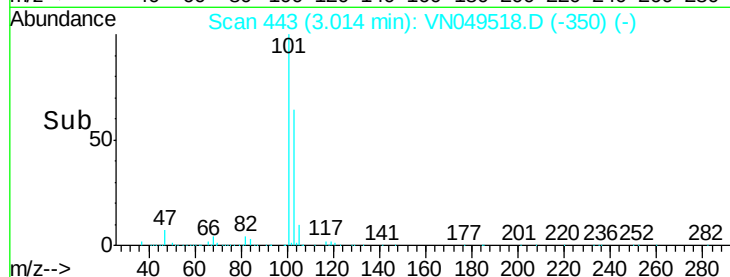
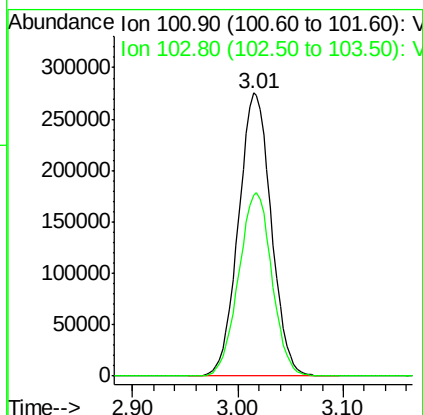
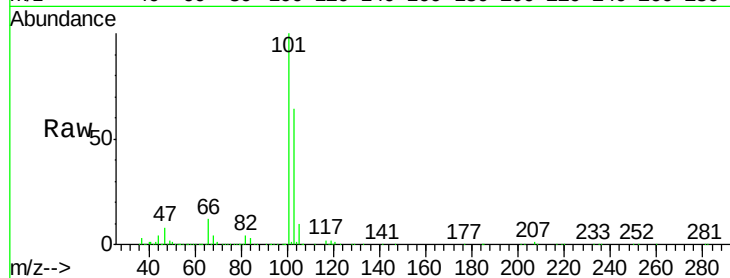


#7

Trichlorofluoromethane
 Concen: 19.06 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

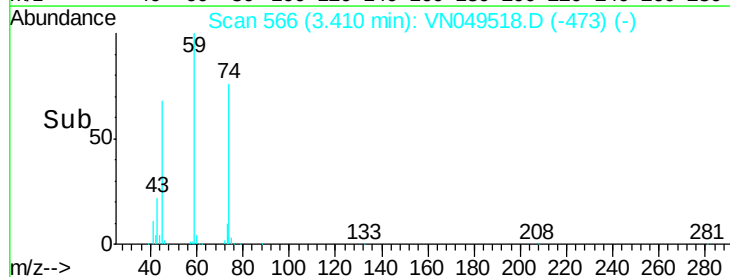
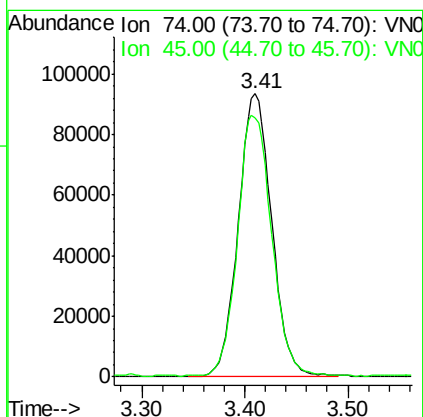
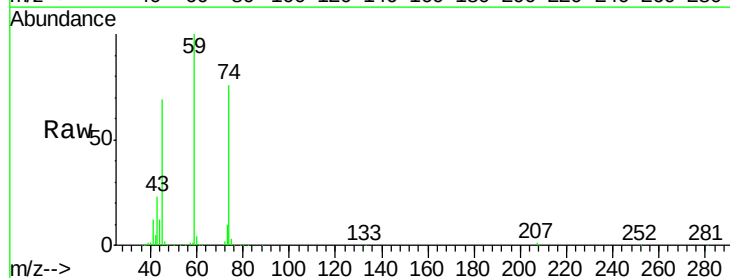
Tot Ion:101 Resp: 593783
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.7 77.5

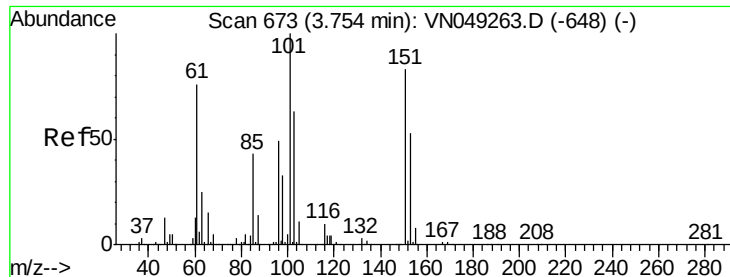


#8

Diethyl Ether
 Concen: 19.39 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

Tgt Ion: 74 Resp: 210932
 Ion Ratio Lower Upper
 74 100
 45 93.2 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.53 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

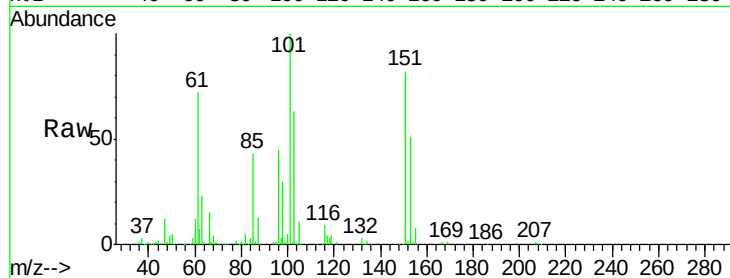
Tot Ion:101 Resp: 366098

Ion Ratio Lower Upper

101 100

85 42.9 37.6 56.4

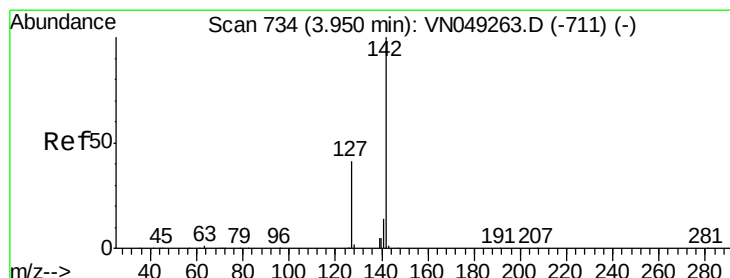
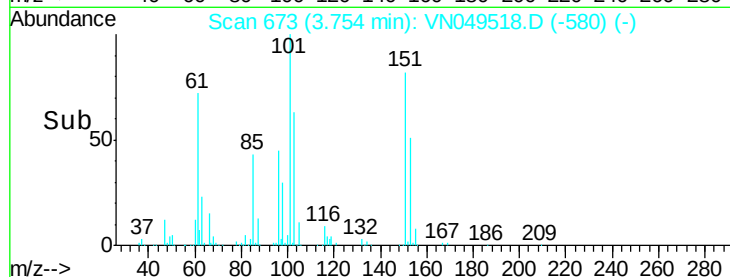
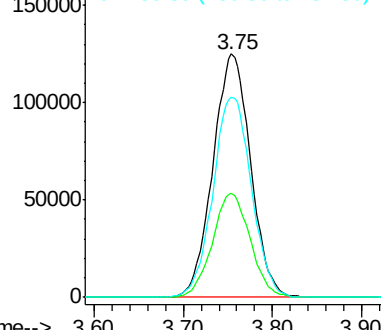
151 84.1 61.1 91.7



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: 18.94 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

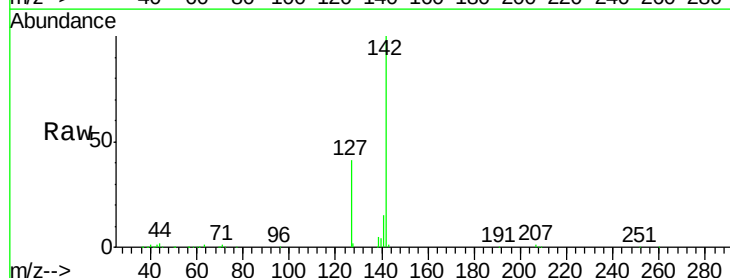
Tgt Ion:142 Resp: 389587

Ion Ratio Lower Upper

142 100

127 41.3 38.2 57.4

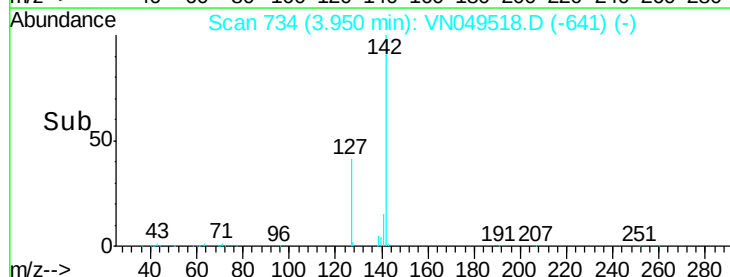
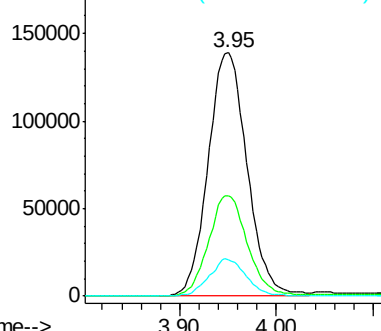
141 14.5 11.9 17.9

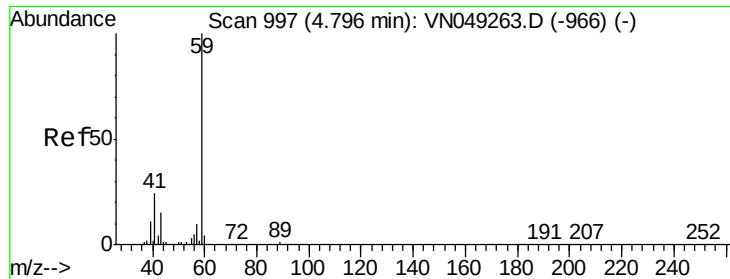


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

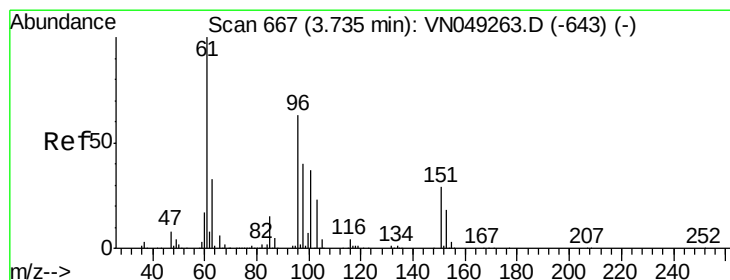
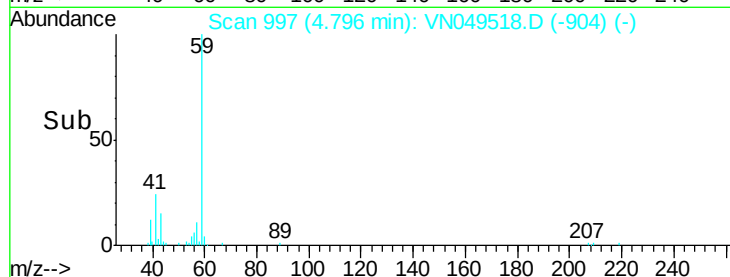
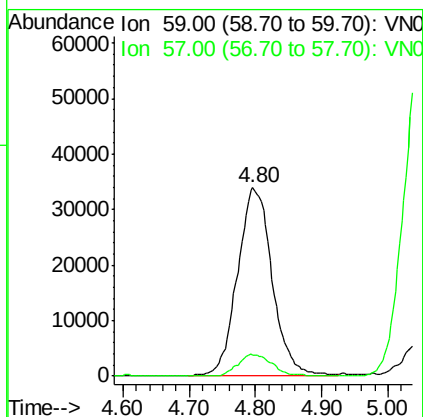
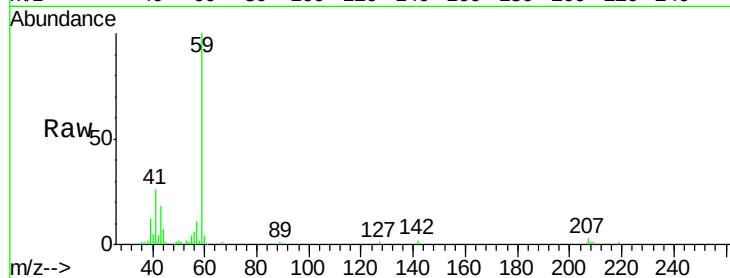




#11
Tert butyl alcohol
Concen: 100.69 ug/l
RT: 4.80 min Scan# 997
Delta R.T. 0.00 min
Lab File: VN049518.D
Acq: 25 Jun 2018 18:29

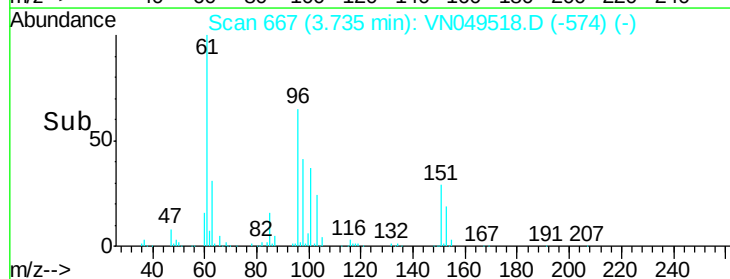
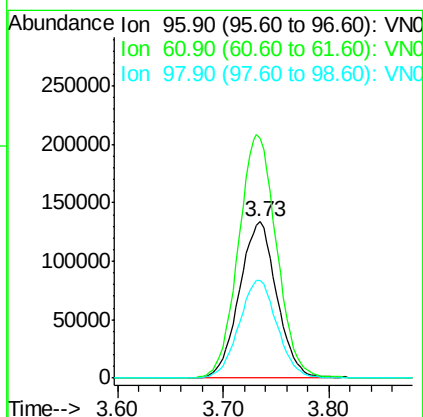
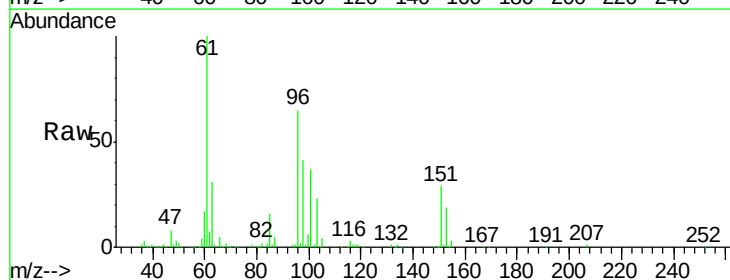
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

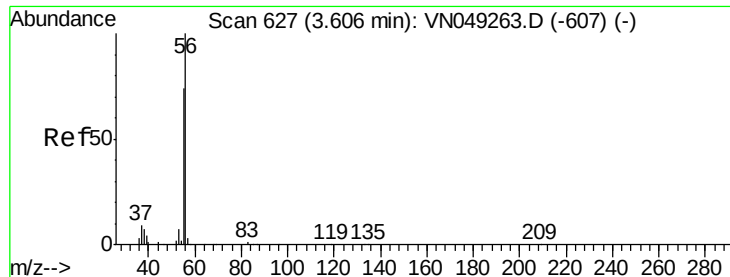
Tot Ion: 59 Resp: 123940
Ion Ratio Lower Upper
59 100
57 11.1 9.0 13.6



#12
1,1-Dichloroethene
Concen: 18.15 ug/l
RT: 3.73 min Scan# 667
Delta R.T. 0.00 min
Lab File: VN049518.D
Acq: 25 Jun 2018 18:29

Tgt Ion: 96 Resp: 329026
Ion Ratio Lower Upper
96 100
61 153.9 141.0 211.4
98 62.5 50.4 75.6





#13

Acrolein

Concen: 113.08 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

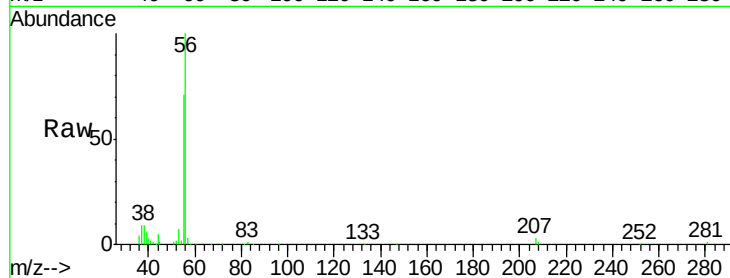
VN0625WBSD01

Tot Ion: 56 Resp: 145961

Ion Ratio Lower Upper

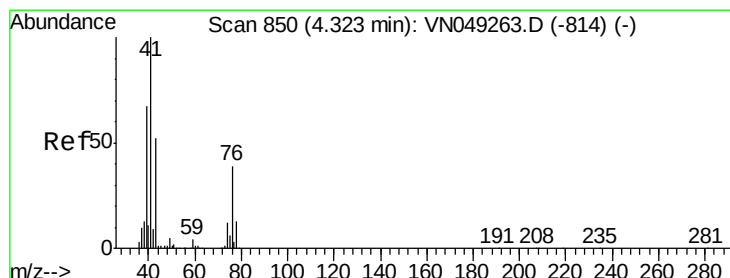
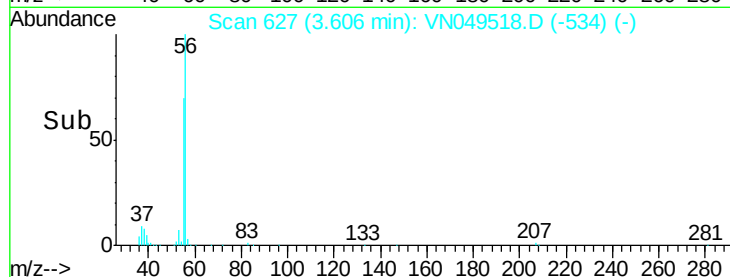
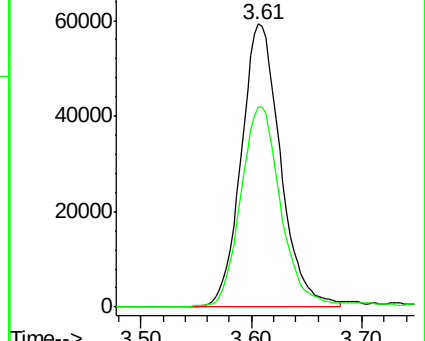
56 100

55 72.2 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.49 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

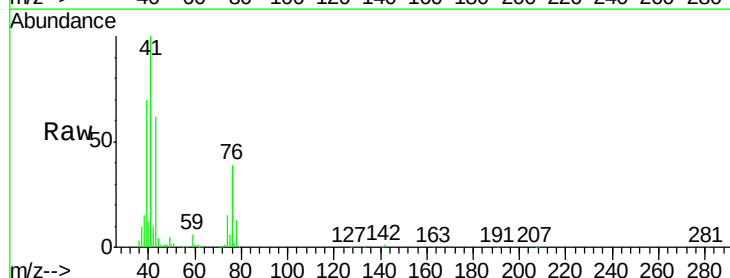
Tgt Ion: 41 Resp: 529368

Ion Ratio Lower Upper

41 100

39 67.3 62.5 93.7

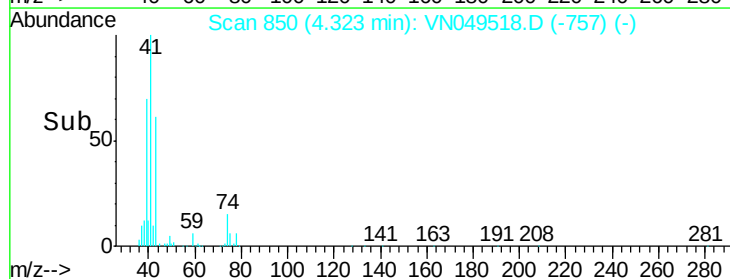
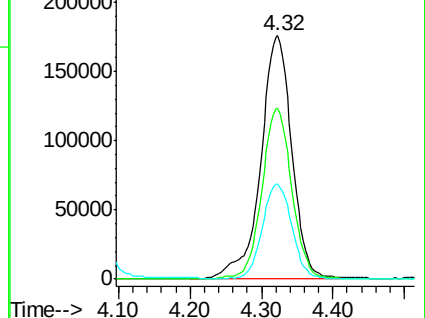
76 36.8 27.1 40.7

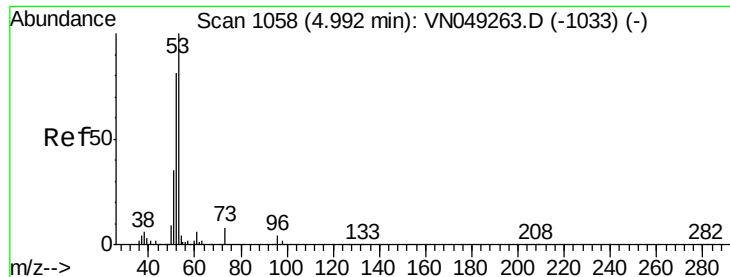


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 98.41 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

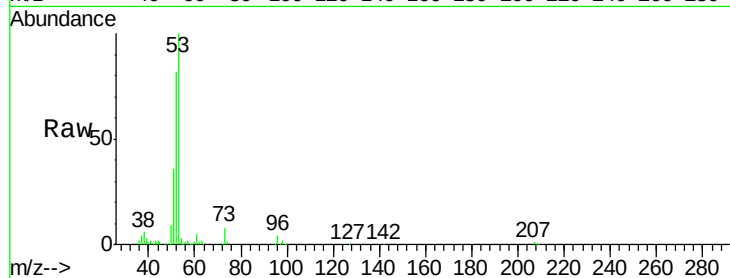
Tot Ion: 53 Resp: 605707

Ion Ratio Lower Upper

53 100

52 81.5 66.6 100.0

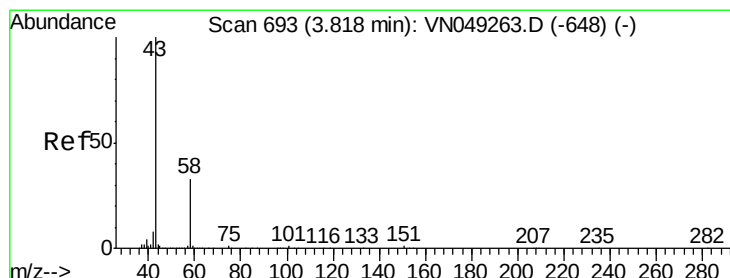
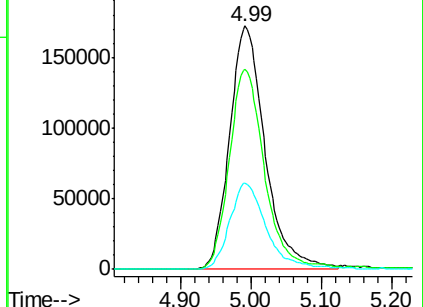
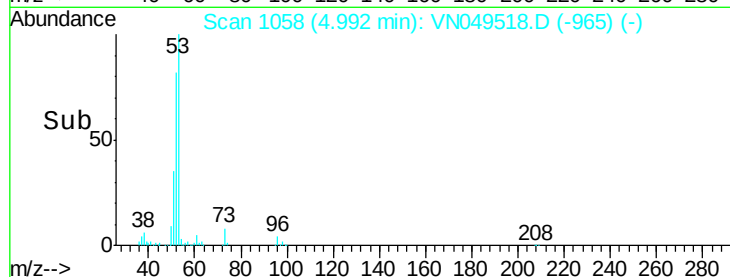
51 36.6 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN049518.D (-965) (-)

Ion 52.00 (51.70 to 52.70): VN049518.D (-965) (-)

Ion 51.00 (50.70 to 51.70): VN049518.D (-965) (-)



#16

Acetone

Concen: 95.88 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049518.D

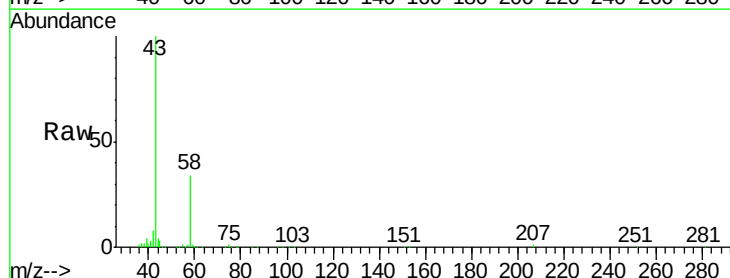
Acq: 25 Jun 2018 18:29

Tgt Ion: 43 Resp: 488232

Ion Ratio Lower Upper

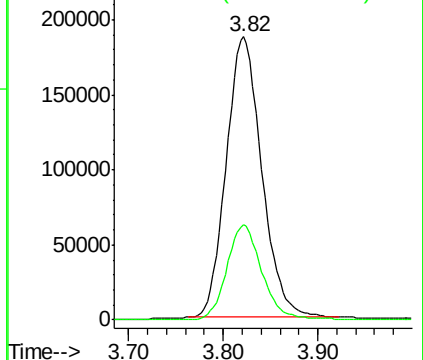
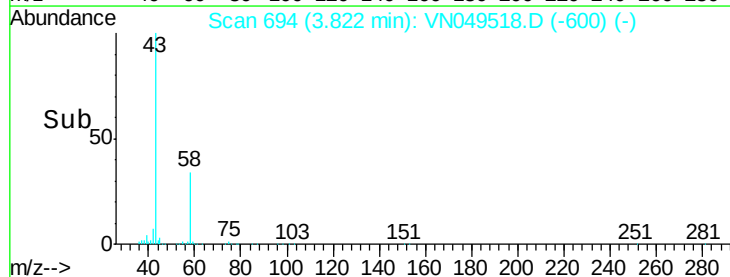
43 100

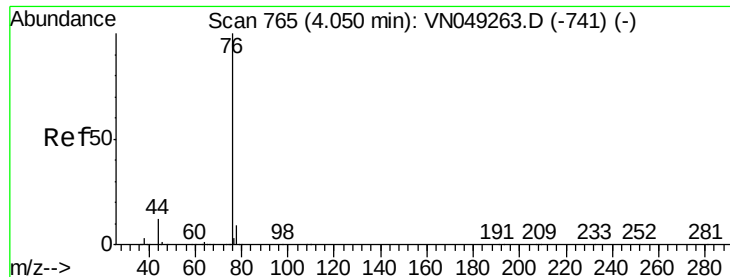
58 33.9 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN049518.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN049518.D (-600) (-)





#17

Carbon Disulfide

Concen: 16.45 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

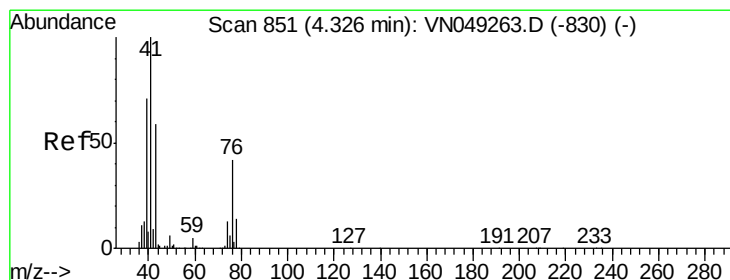
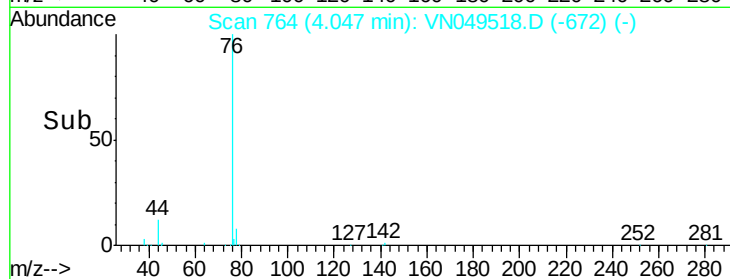
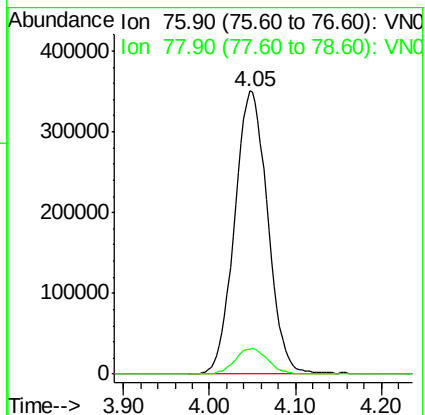
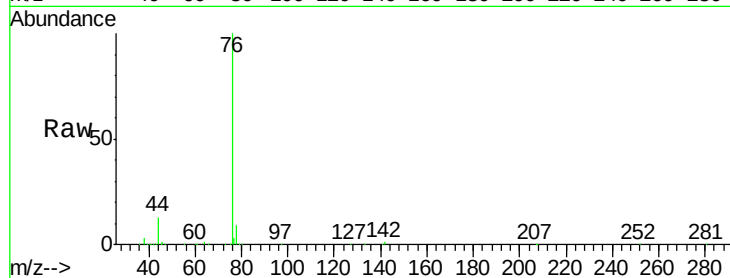
VN0625WBSD01

Tot Ion: 76 Resp: 934757

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



#18

Methyl Acetate

Concen: 21.40 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049518.D

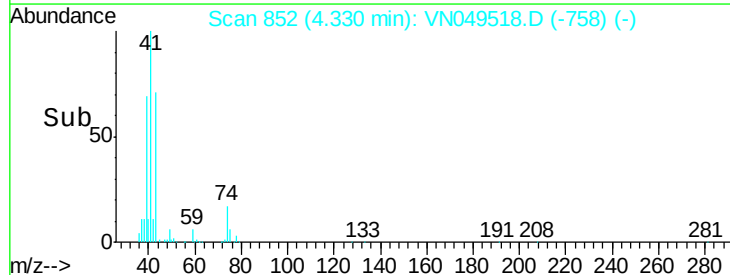
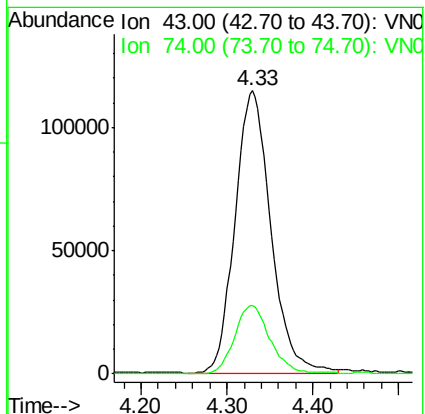
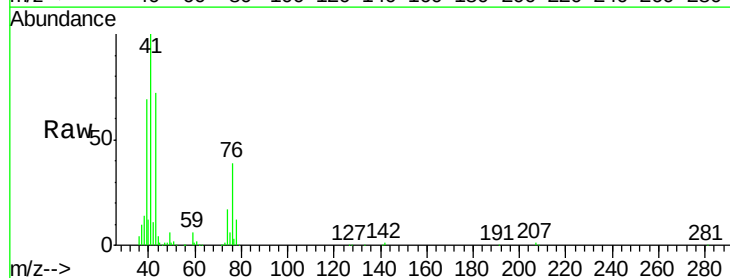
Acq: 25 Jun 2018 18:29

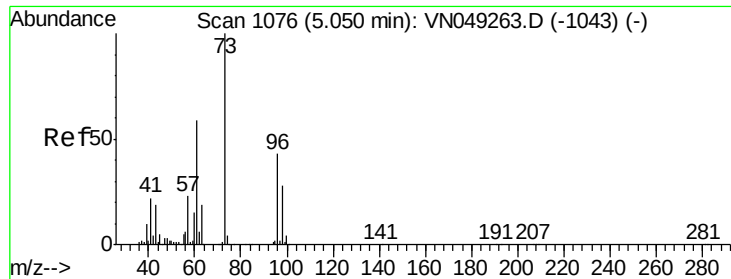
Tgt Ion: 43 Resp: 332315

Ion Ratio Lower Upper

43 100

74 23.8 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 19.81 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampled :

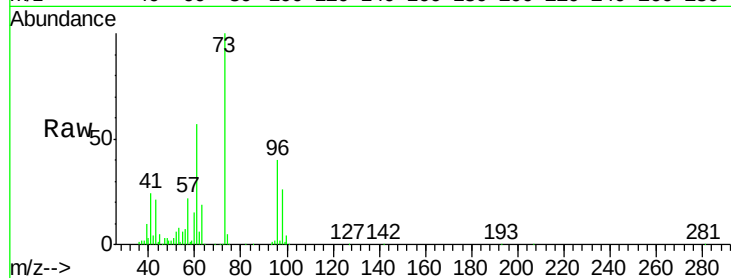
VN0625WBSD01

Tot Ion: 73 Resp: 915736

Ion Ratio Lower Upper

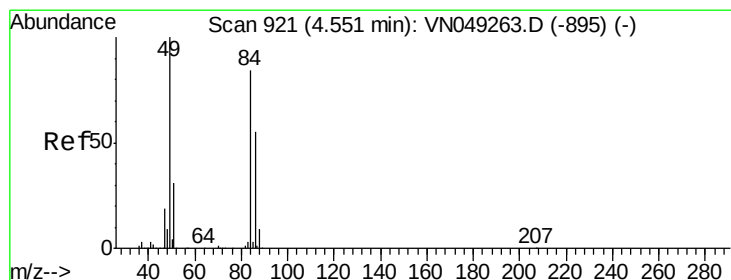
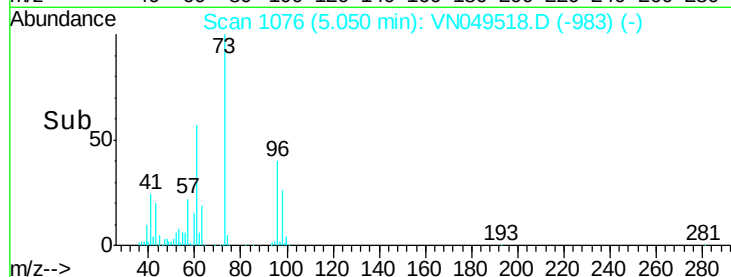
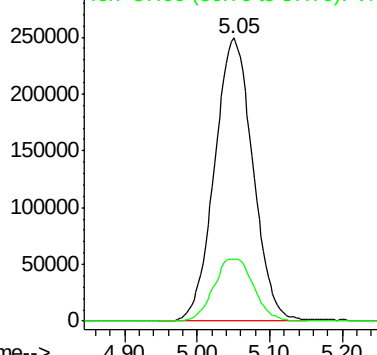
73 100

57 21.7 18.2 27.4



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 18.15 ug/l

RT: 4.55 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Tgt Ion: 84 Resp: 386077

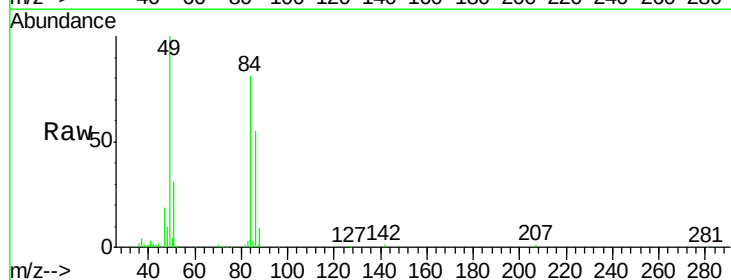
Ion Ratio Lower Upper

84 100

49 124.1 106.9 160.3

51 38.4 32.7 49.1

86 68.0 49.8 74.8

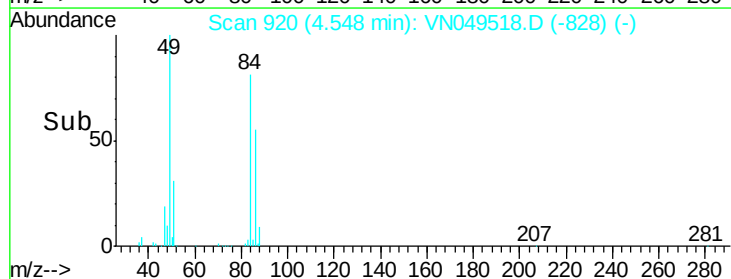
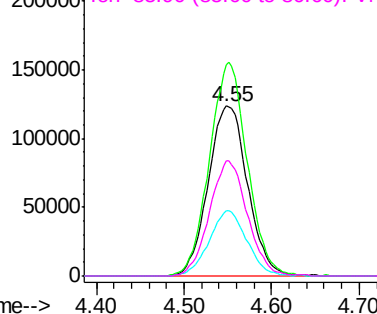


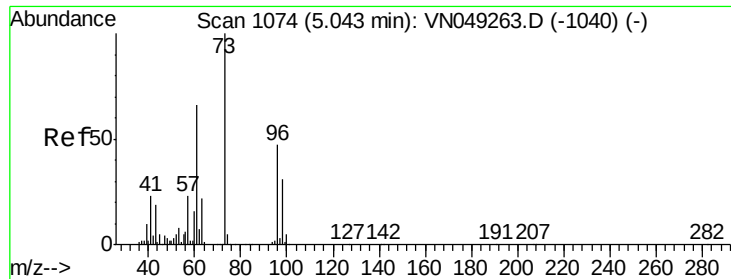
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 18.26 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

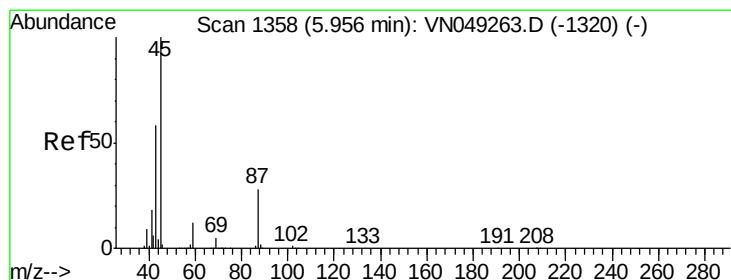
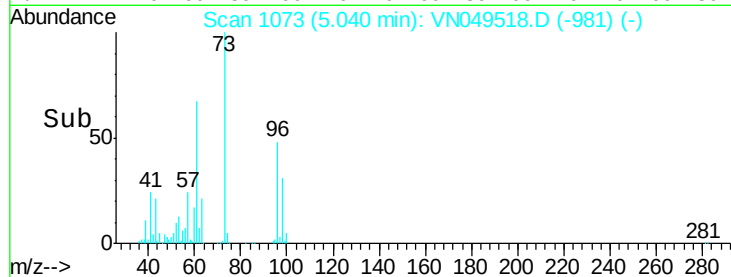
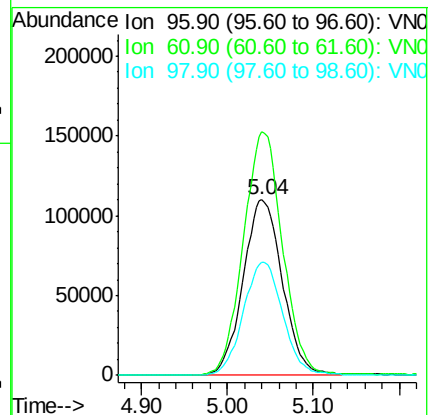
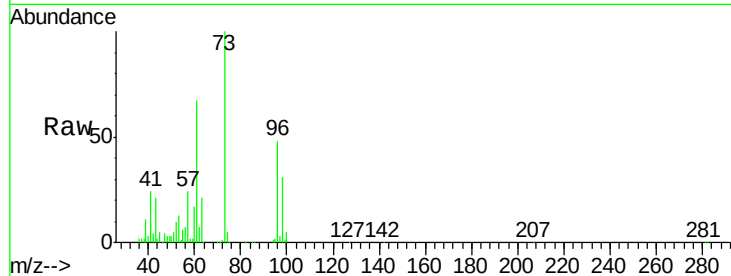
Tot Ion: 96 Resp: 350434

Ion Ratio Lower Upper

96 100

61 138.7 121.3 181.9

98 64.3 52.0 78.0



#22

Diisopropyl ether

Concen: 19.97 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Tgt Ion: 45 Resp: 1141484

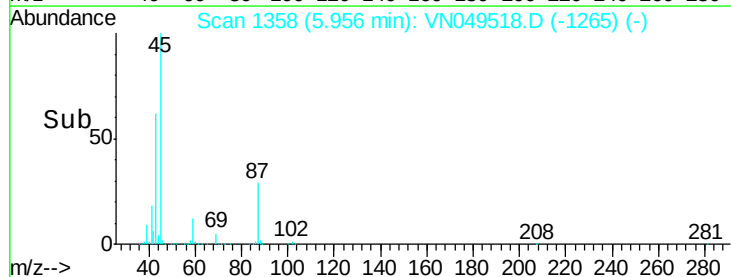
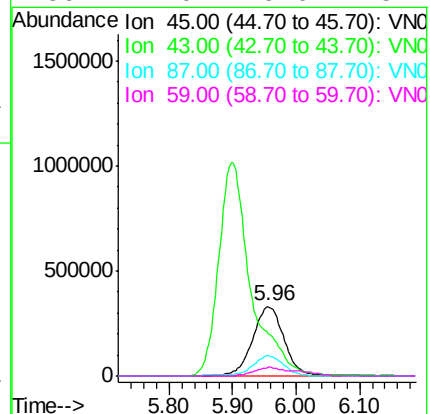
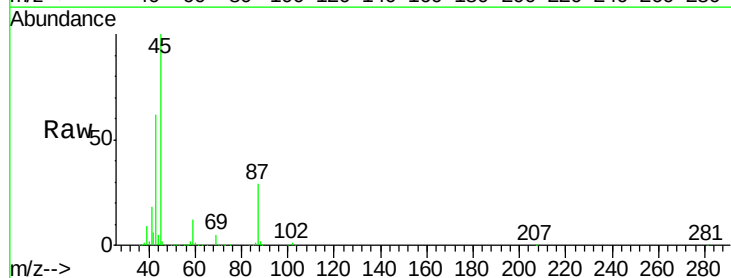
Ion Ratio Lower Upper

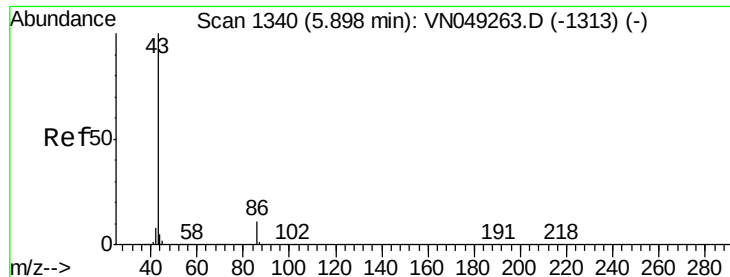
45 100

43 60.7 48.6 72.8

87 28.8 20.2 30.2

59 12.0 9.0 13.4





#23

Vinyl Acetate

Concen: 95.83 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

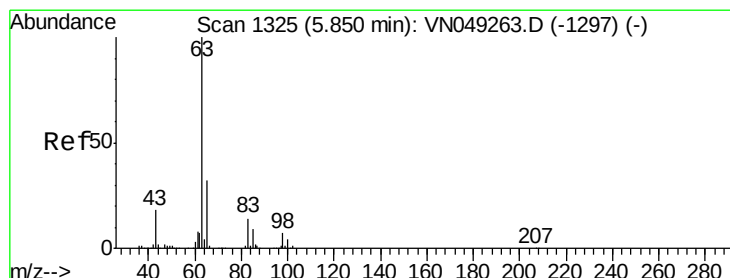
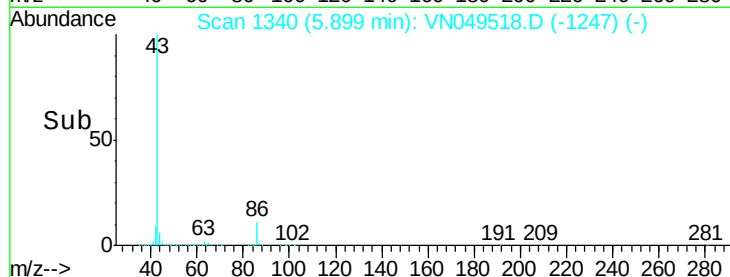
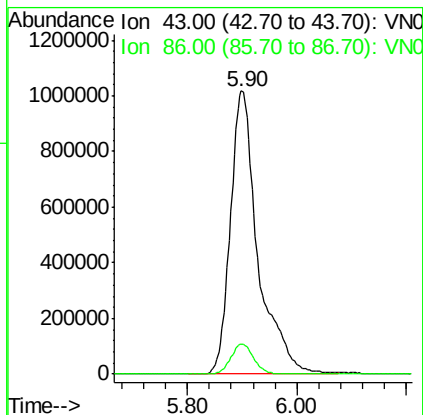
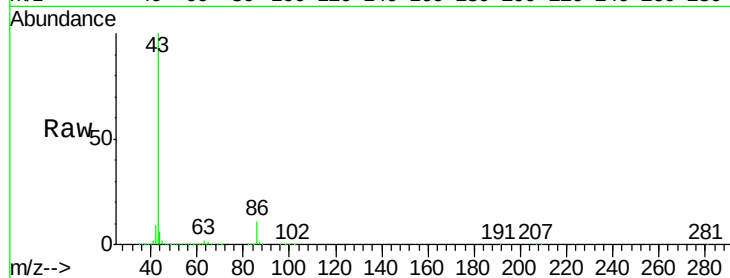
VN0625WBSD01

Tot Ion: 43 Resp: 3570975

Ion Ratio Lower Upper

43 100

86 10.8 7.2 10.8



#24

1,1-Dichloroethane

Concen: 19.04 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

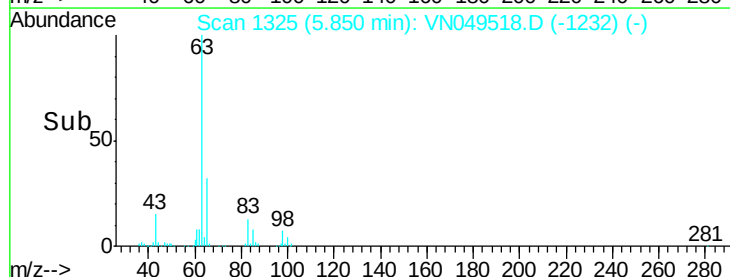
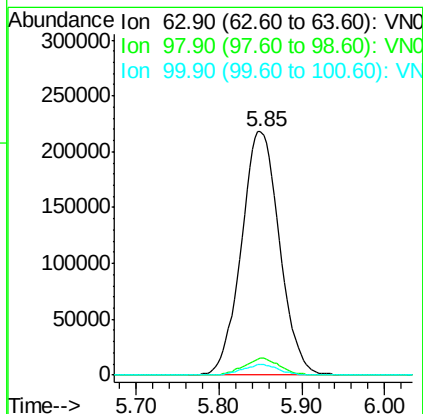
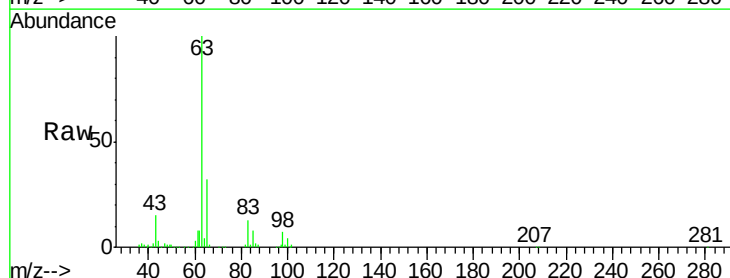
Tgt Ion: 63 Resp: 696541

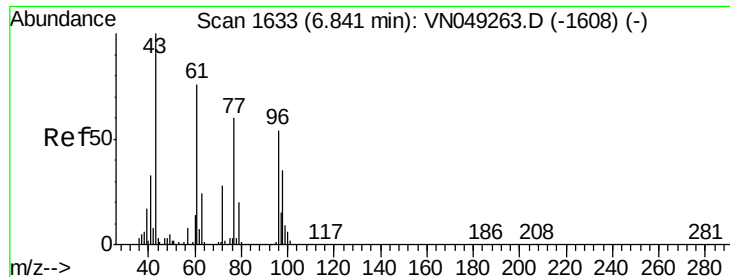
Ion Ratio Lower Upper

63 100

98 6.9 2.9 8.8

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 99.02 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

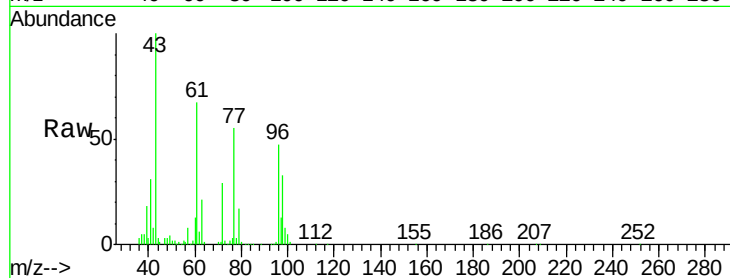
VN0625WBSD01

Tot Ion: 43 Resp: 676990

Ion Ratio Lower Upper

43 100

72 28.6 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

250000

200000

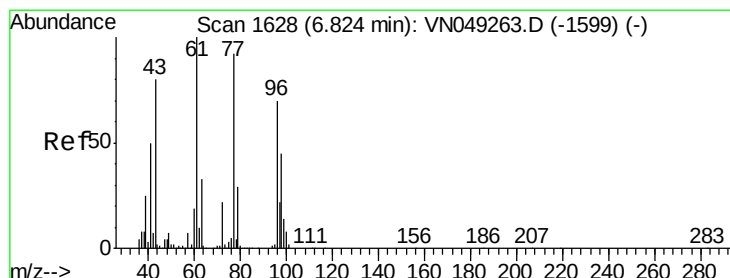
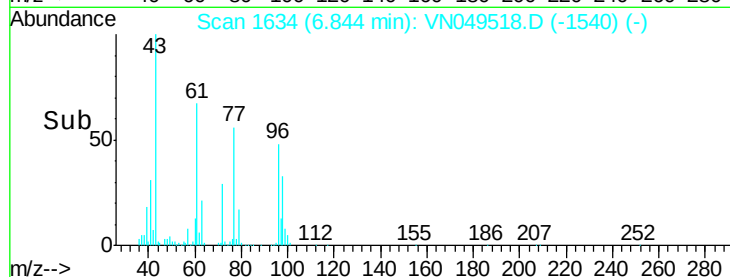
150000

100000

50000

0

Time--> 6.70 6.75 6.80 6.85 6.90



#26

2,2-Dichloropropane

Concen: 19.42 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN049518.D

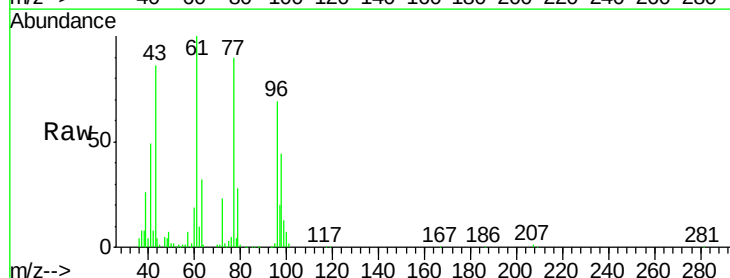
Acq: 25 Jun 2018 18:29

Tgt Ion: 77 Resp: 573752

Ion Ratio Lower Upper

77 100

97 23.2 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.83

200000

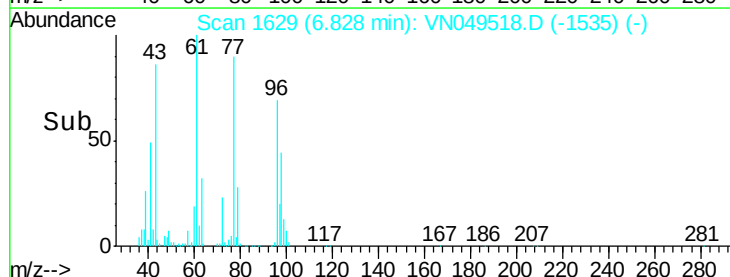
150000

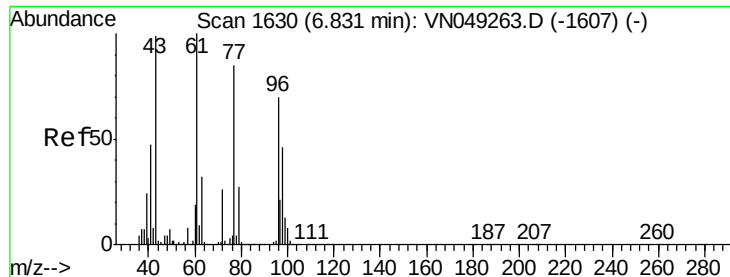
100000

50000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 18.91 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampled :

VN0625WBSD01

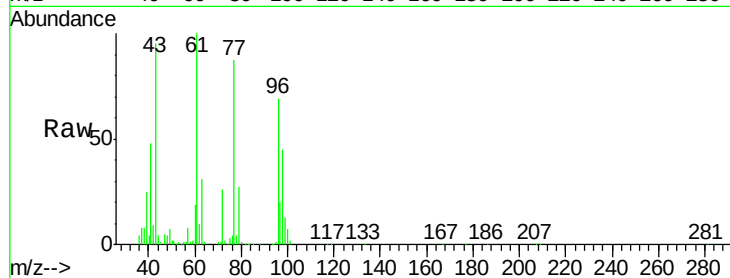
Tot Ion: 96 Resp: 403588

Ion Ratio Lower Upper

96 100

61 143.1 0.0 316.4

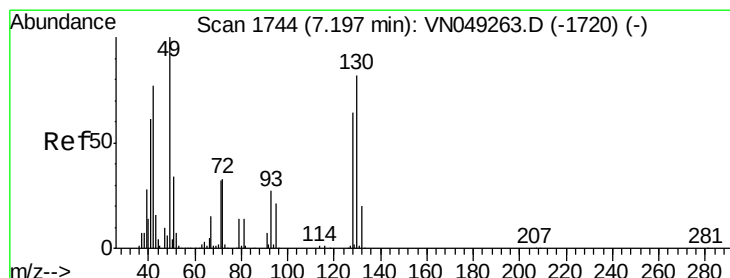
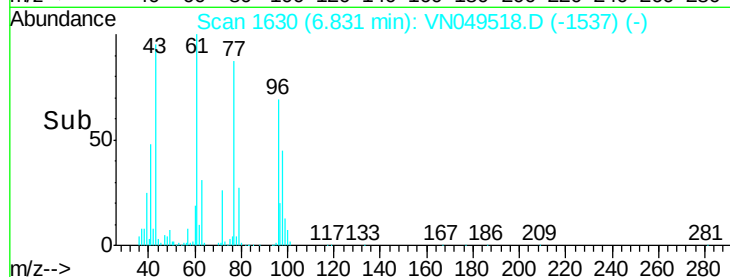
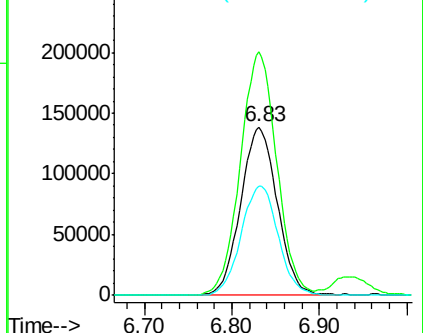
98 65.7 0.0 128.4



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: 20.88 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

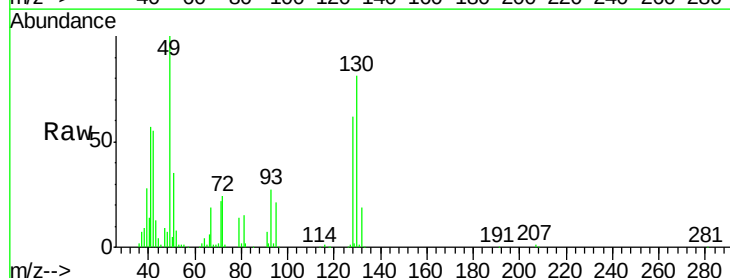
Tgt Ion: 49 Resp: 338683

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

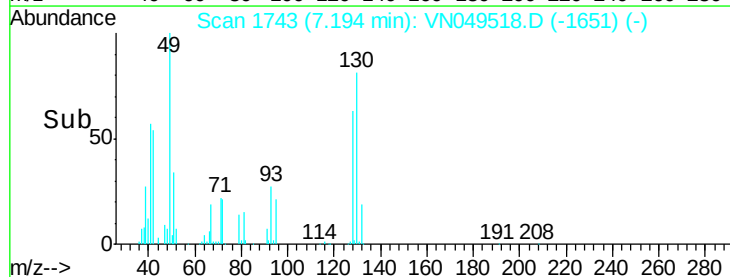
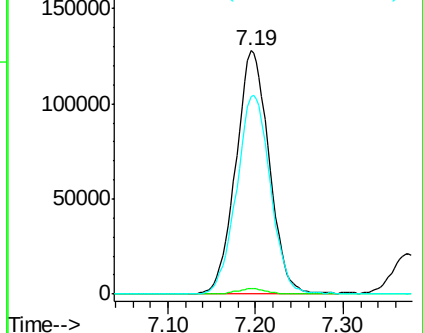
130 82.6 54.9 82.3#

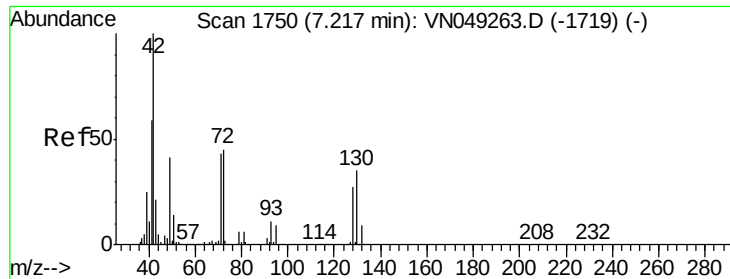


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 97.61 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

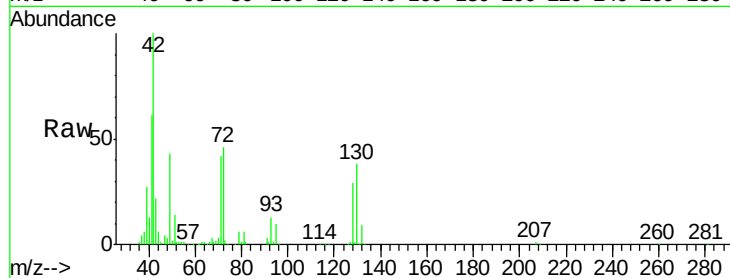
Tot Ion: 42 Resp: 429577

Ion Ratio Lower Upper

42 100

72 44.9 32.2 48.4

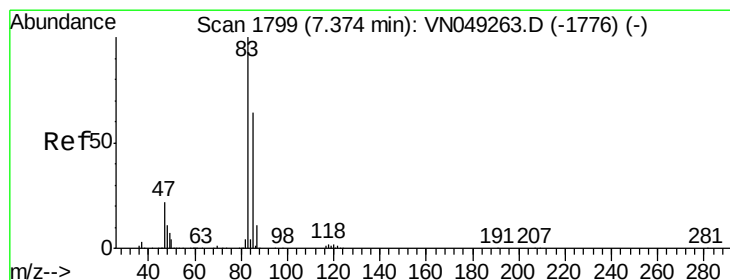
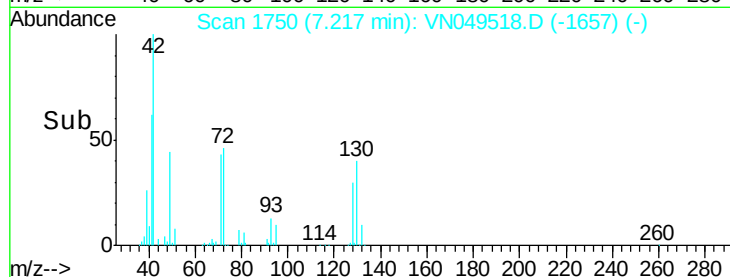
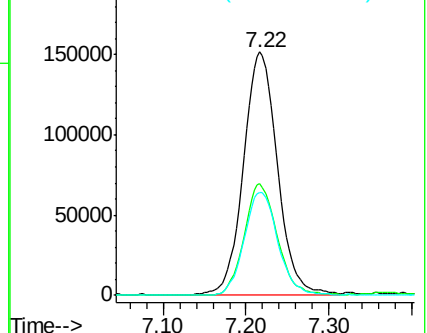
71 42.1 30.5 45.7



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: 19.33 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049518.D

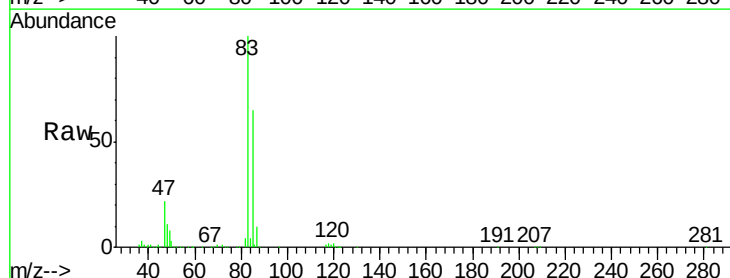
Acq: 25 Jun 2018 18:29

Tgt Ion: 83 Resp: 704019

Ion Ratio Lower Upper

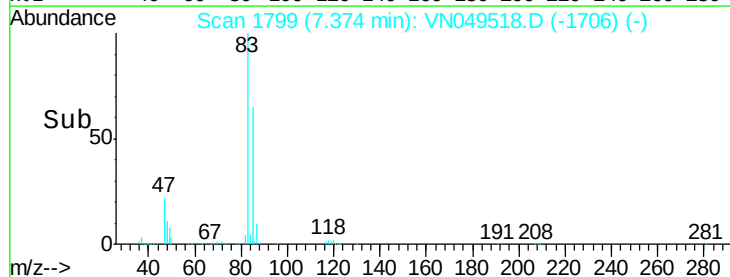
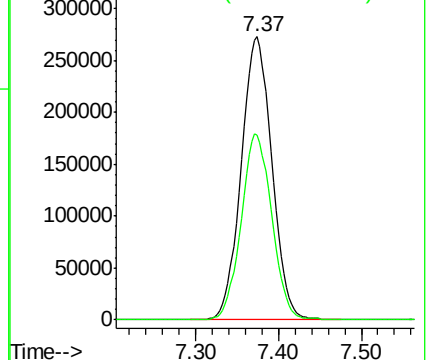
83 100

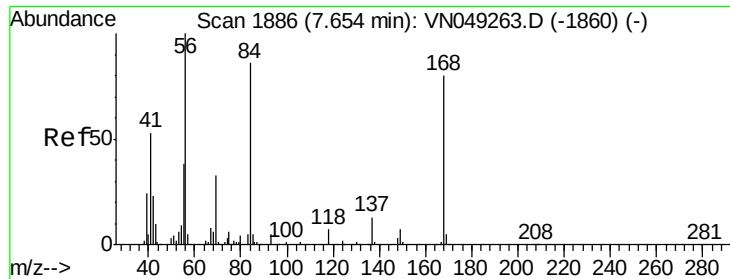
85 65.1 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

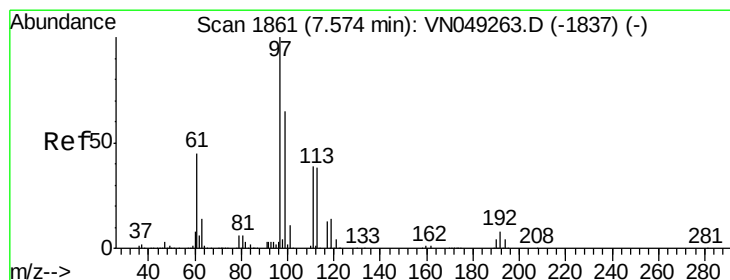
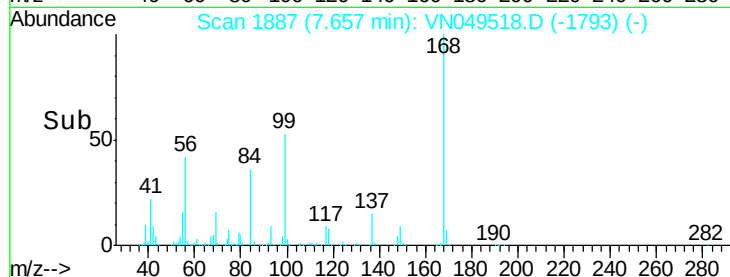
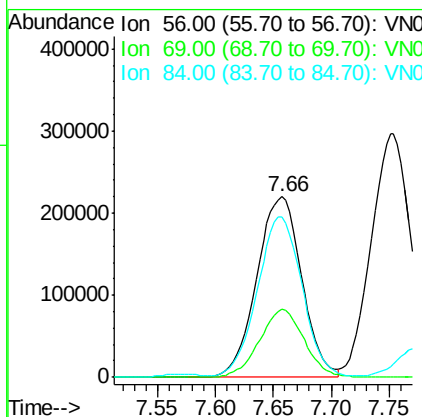
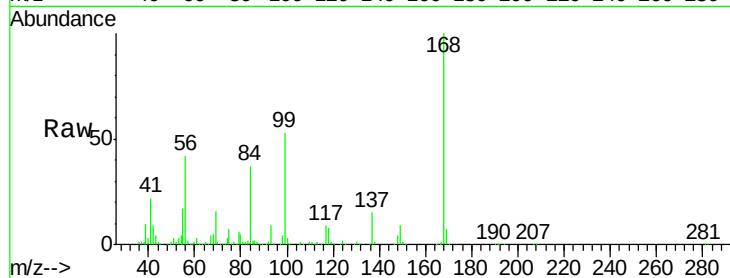




#31
Cyclohexane
Concen: 19.00 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN049518.D
Acq: 25 Jun 2018 18:29

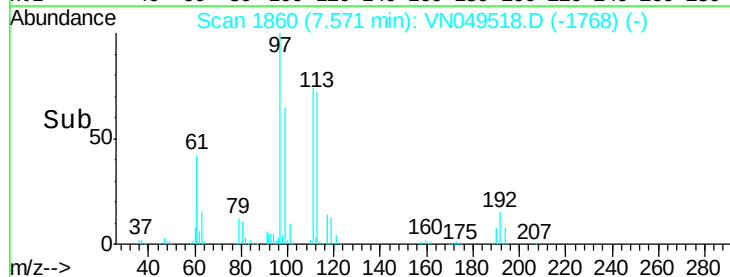
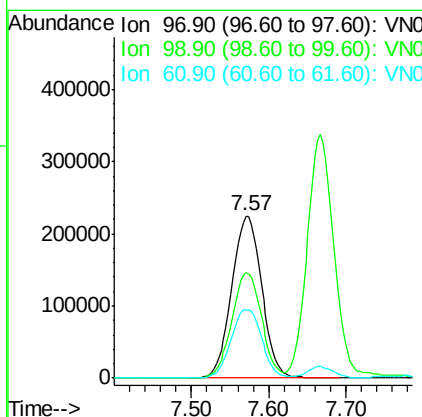
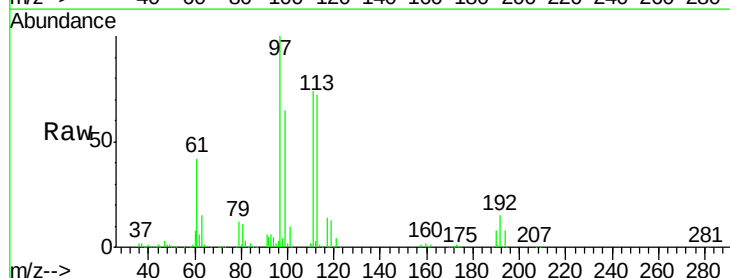
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

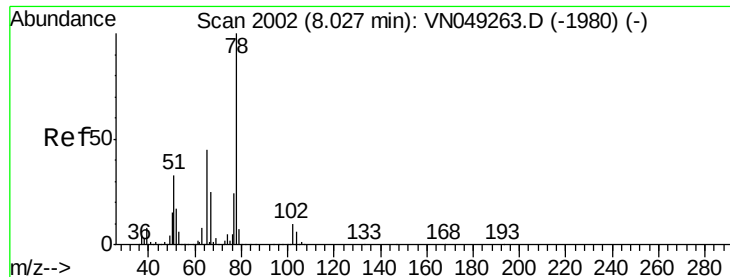
Tot Ion	56	Resp	592784
Ion Ratio	100	Lower	Upper
56	100		
69	37.6	25.0	37.4#
84	86.9	64.6	96.8



#32
1,1,1-Trichloroethane
Concen: 19.47 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049518.D
Acq: 25 Jun 2018 18:29

Tgt Ion	97	Resp	604888
Ion Ratio	100	Lower	Upper
97	100		
99	64.2	50.5	75.7
61	43.4	37.9	56.9

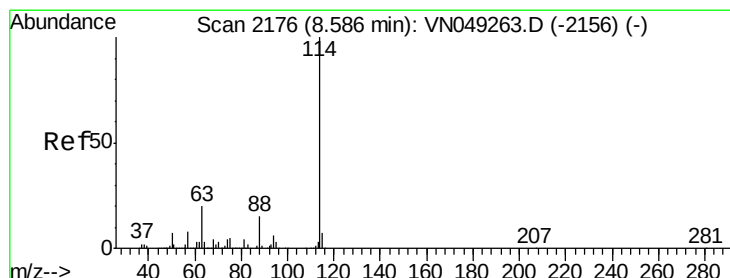
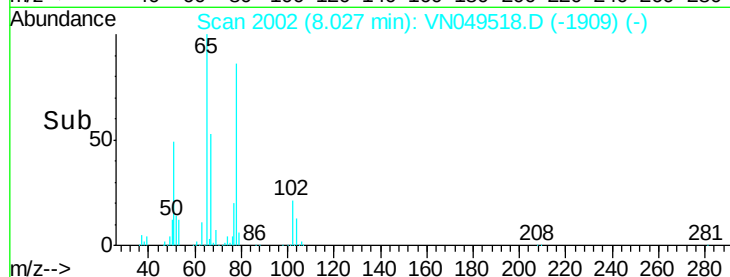
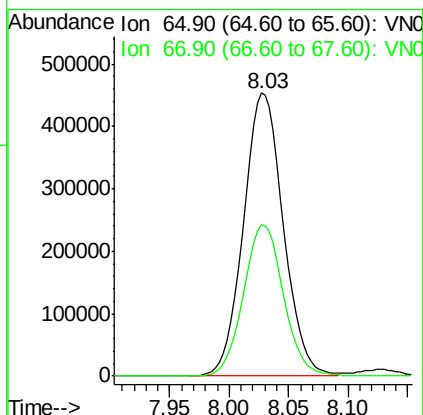
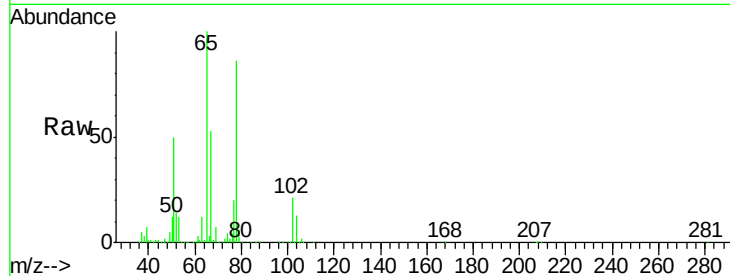




#33
 1,2-Dichloroethane-d4
 Concen: 50.12 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

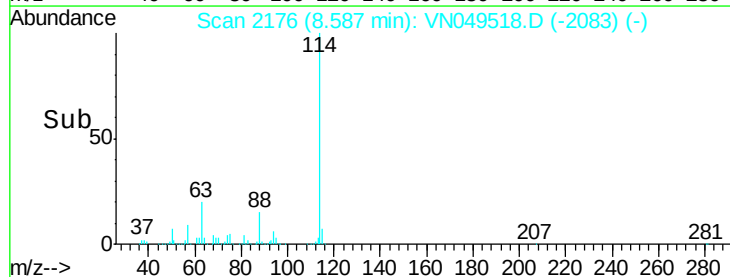
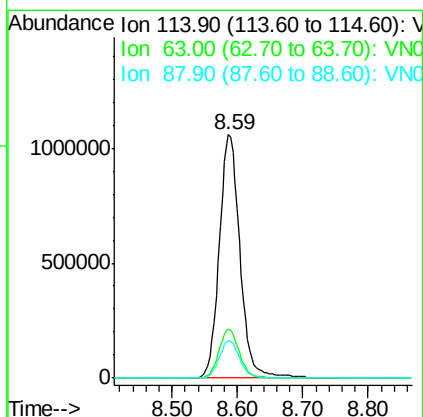
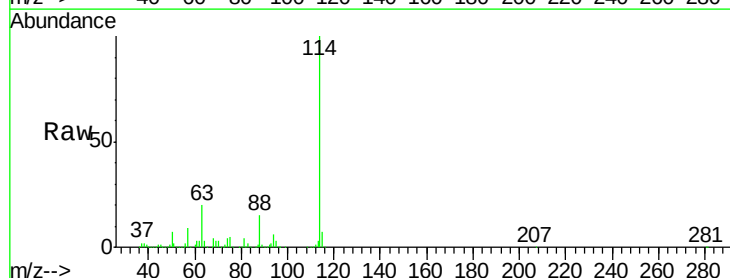
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

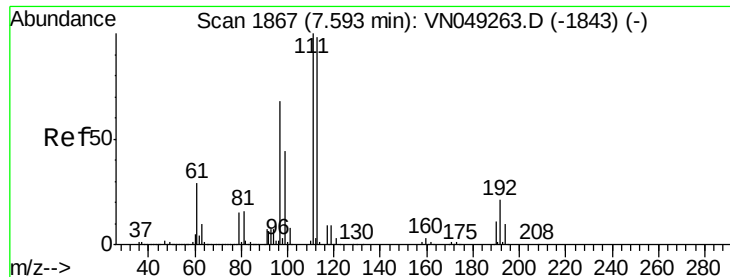
Tot Ion: 65 Resp: 1051009
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

Tgt Ion: 114 Resp: 2330192
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 44.4
 88 15.4 0.0 31.4

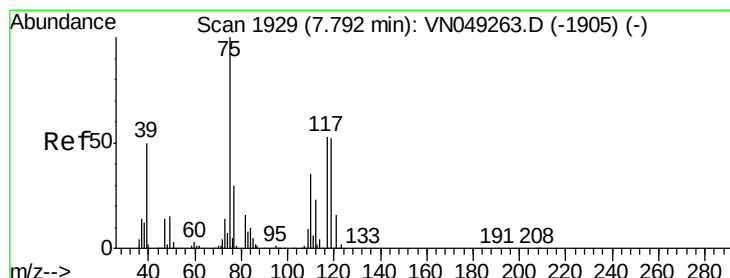
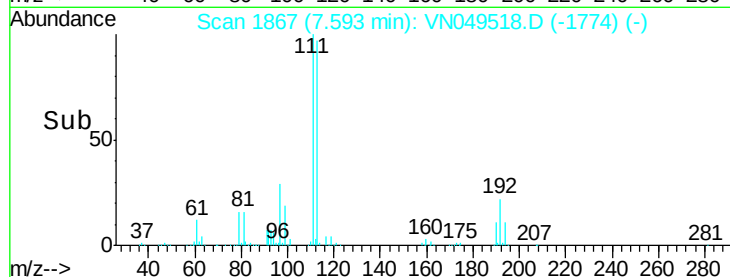
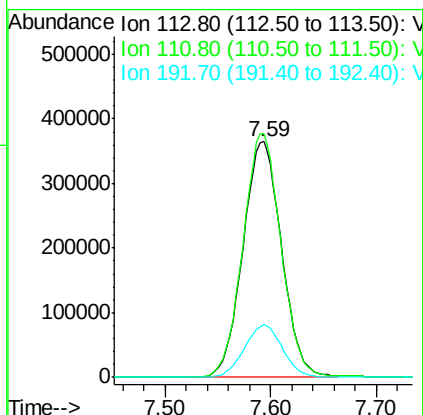
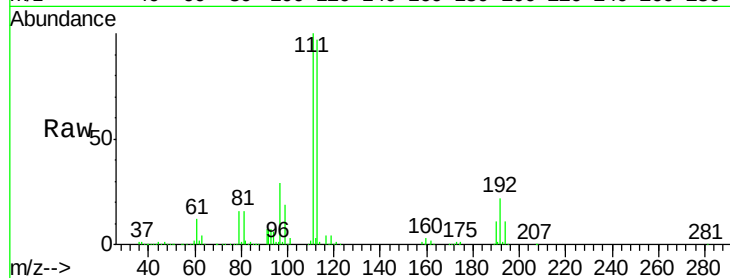




#35
 Dibromofluoromethane
 Concen: 49.27 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

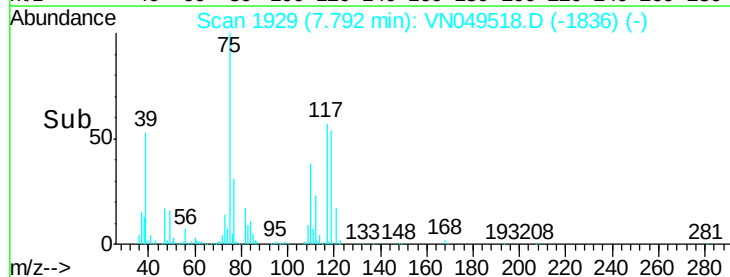
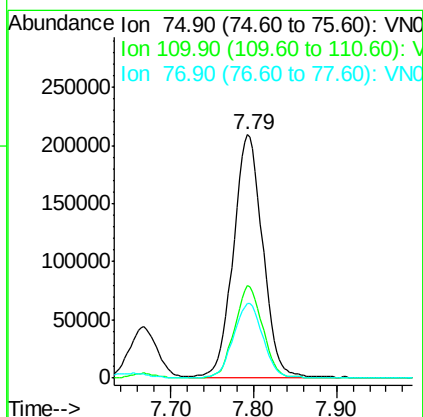
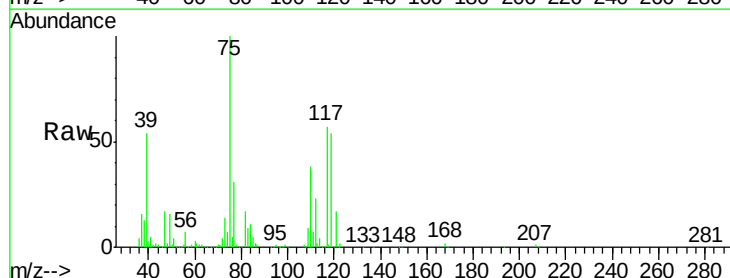
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

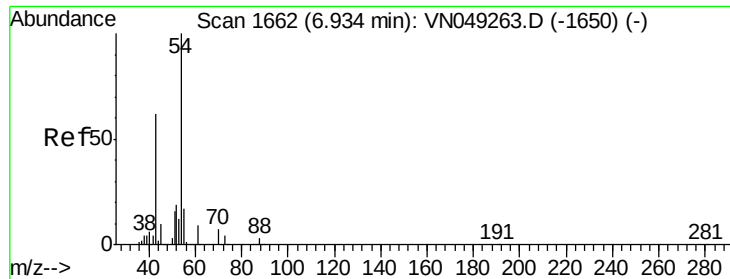
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.4	123.6
192	22.0	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 19.25 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.0	50.9
77	30.9	24.4	36.6

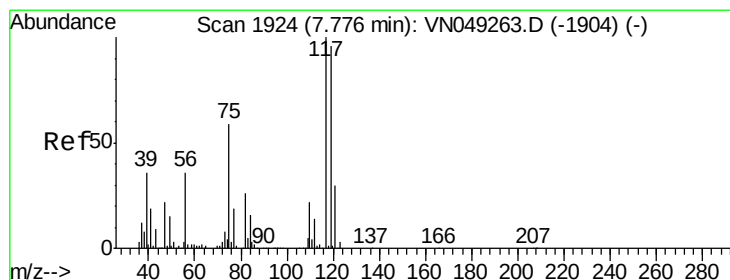
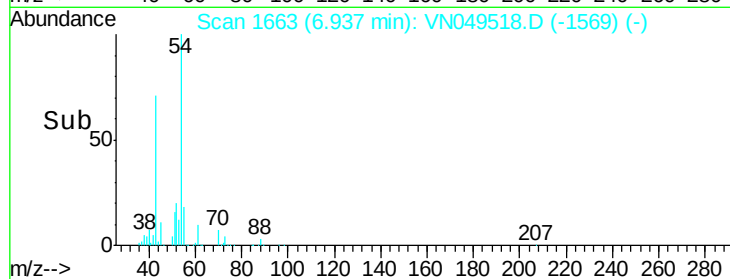
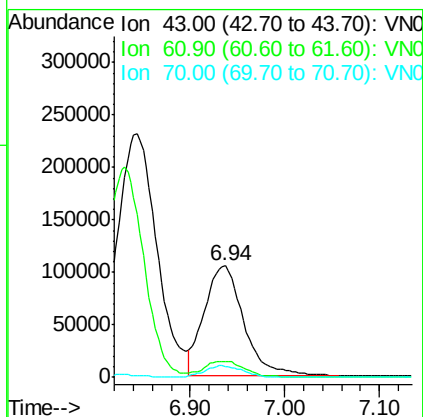
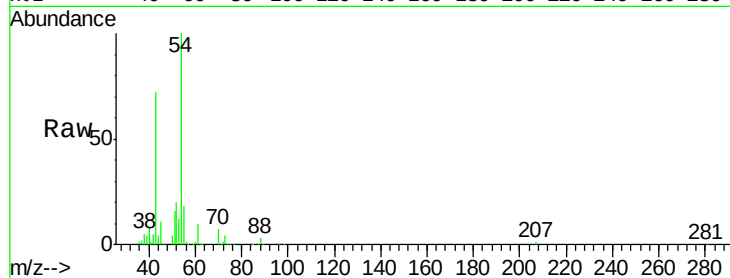




#37
Ethyl Acetate
Concen: 20.98 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN049518.D
Acq: 25 Jun 2018 18:29

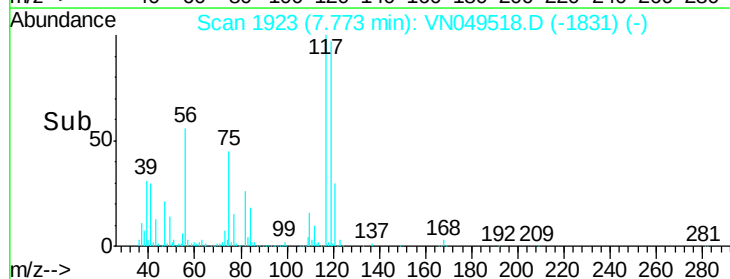
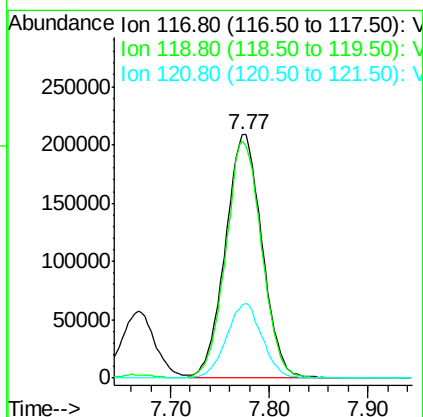
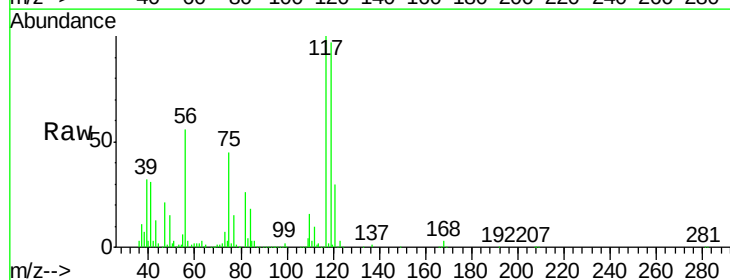
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

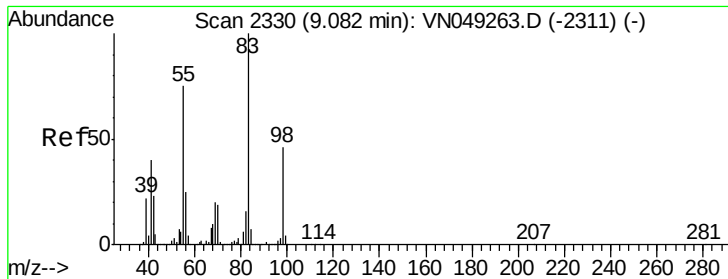
Tot Ion: 43 Resp: 304559
Ion Ratio Lower Upper
43 100
61 14.2 11.0 16.4
70 9.5 7.2 10.8



#38
Carbon Tetrachloride
Concen: 19.49 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049518.D
Acq: 25 Jun 2018 18:29

Tgt Ion: 117 Resp: 538870
Ion Ratio Lower Upper
117 100
119 97.4 75.6 113.4
121 30.1 24.7 37.1

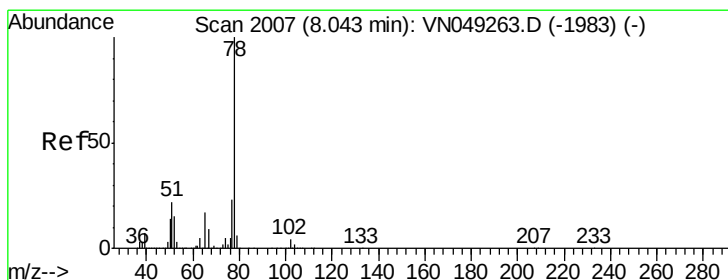
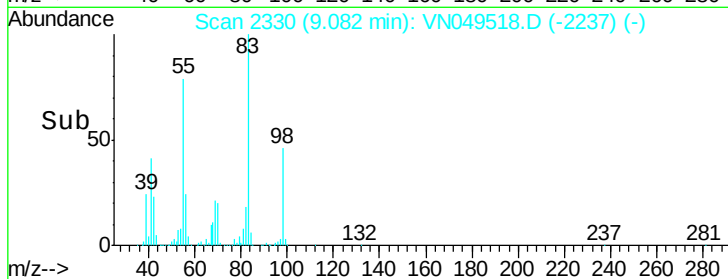
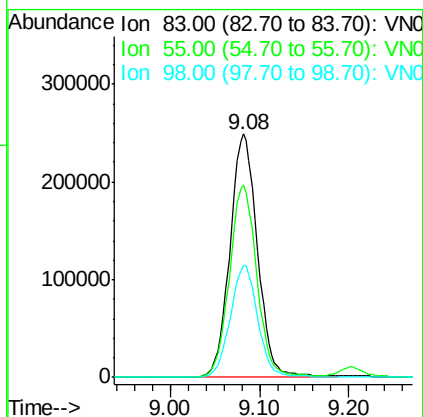
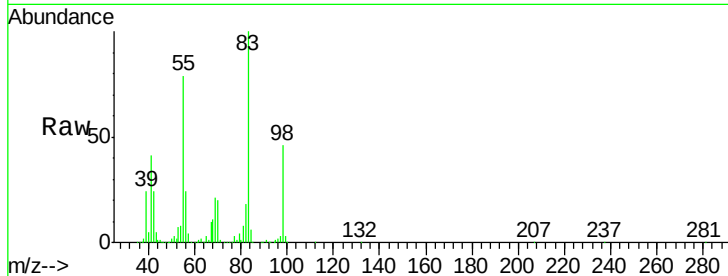




#39
Methylvlcyclohexane
Concen: 18.59 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049518.D
Acq: 25 Jun 2018 18:29

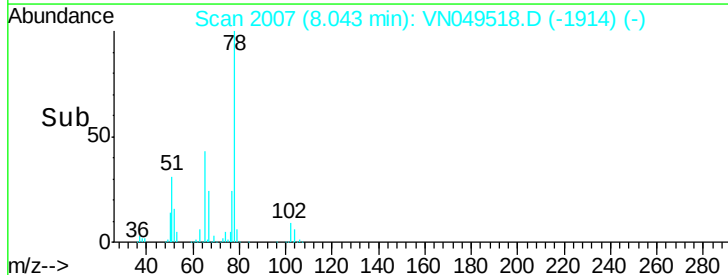
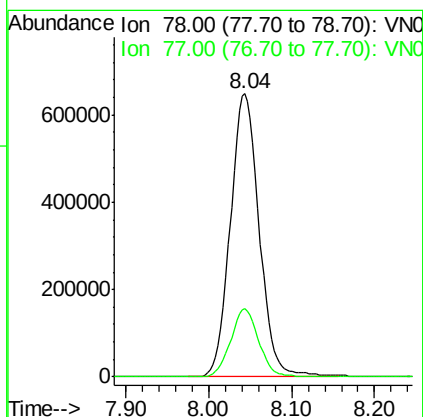
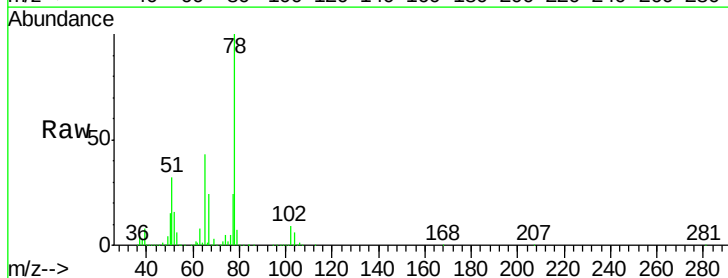
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

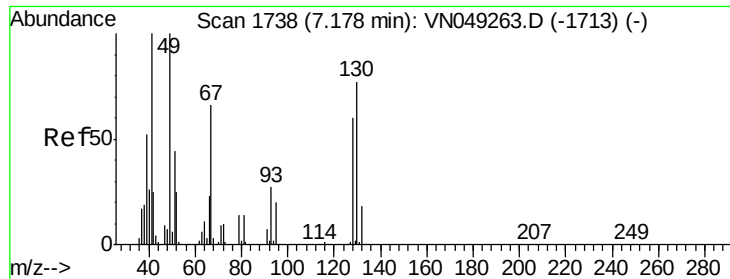
Tot Ion: 83 Resp: 532813
Ion Ratio Lower Upper
83 100
55 78.9 65.1 97.7
98 45.8 36.5 54.7



#40
Benzene
Concen: 19.23 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049518.D
Acq: 25 Jun 2018 18:29

Tgt Ion: 78 Resp: 1574178
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0

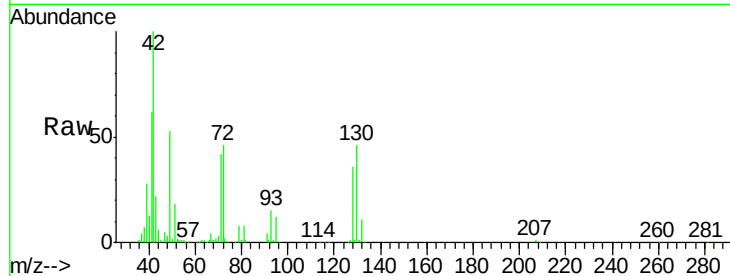




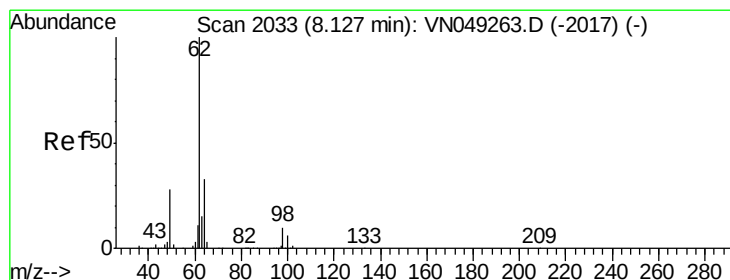
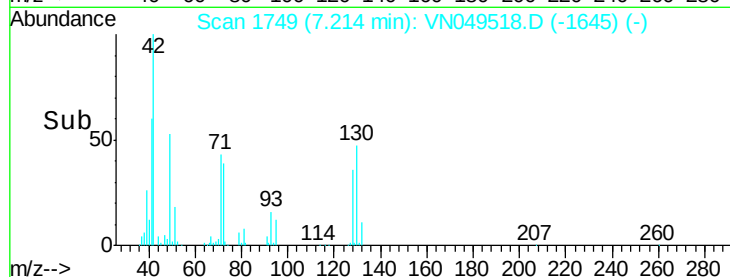
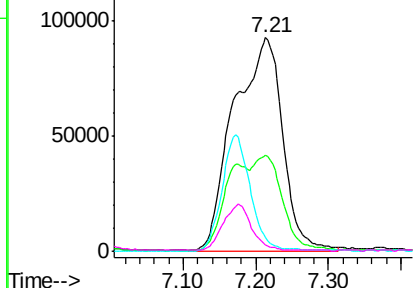
#41
Methacrylonitrile
Concen: 55.09 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. 0.04 min
Lab File: VN049518.D
Acq: 25 Jun 2018 18:29

Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

Tot Ion:	41	Resp:	432373
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

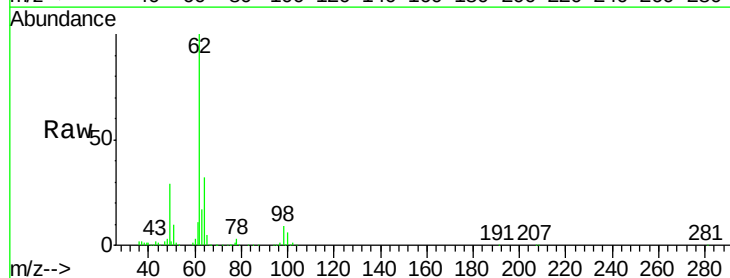


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

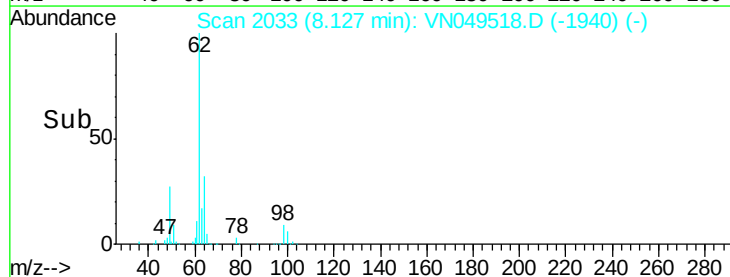
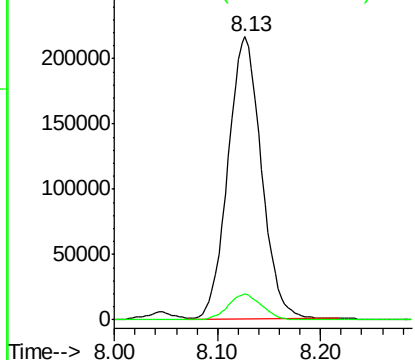


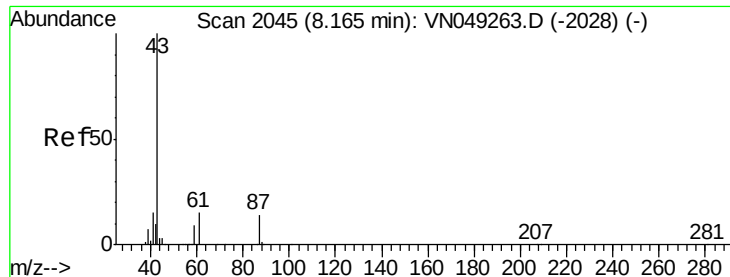
#42
1,2-Dichloroethane
Concen: 19.31 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049518.D
Acq: 25 Jun 2018 18:29

Tgt Ion:	62	Resp:	488361
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 20.16 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

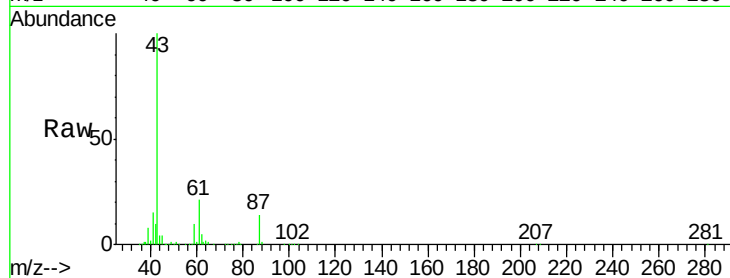
Tot Ion: 43 Resp: 559287

Ion Ratio Lower Upper

43 100

61 18.8 14.2 21.4

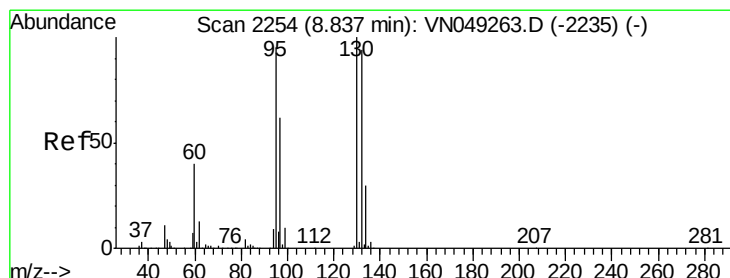
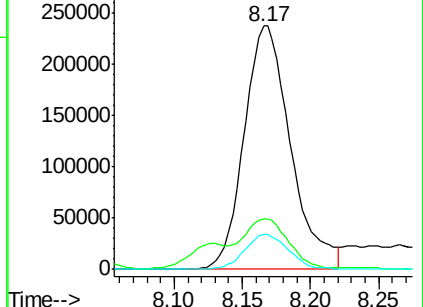
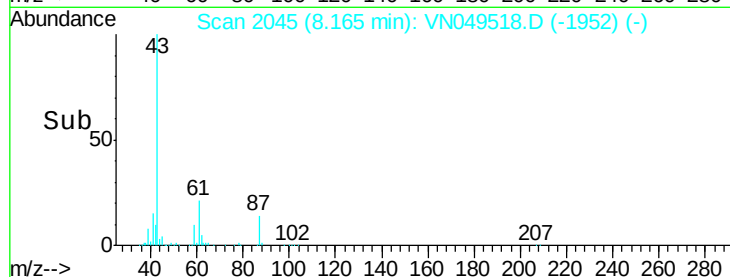
87 13.8 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049518.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049518.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049518.D (-1952) (-)



#44

Trichloroethene

Concen: 19.77 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049518.D

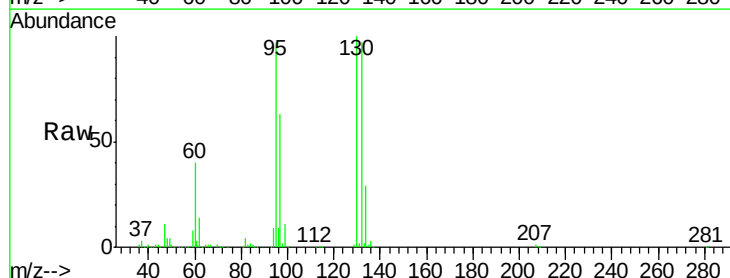
Acq: 25 Jun 2018 18:29

Tgt Ion: 130 Resp: 427346

Ion Ratio Lower Upper

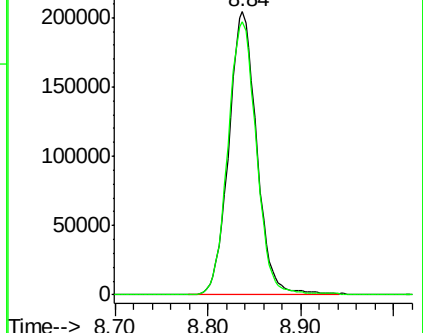
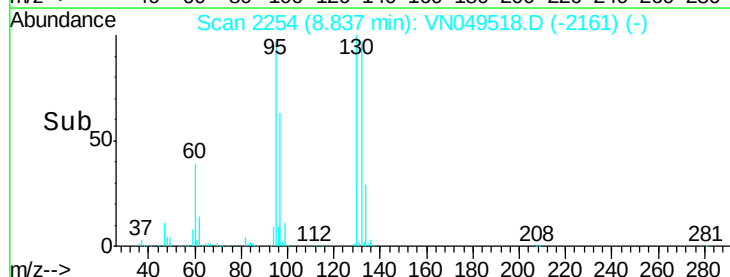
130 100

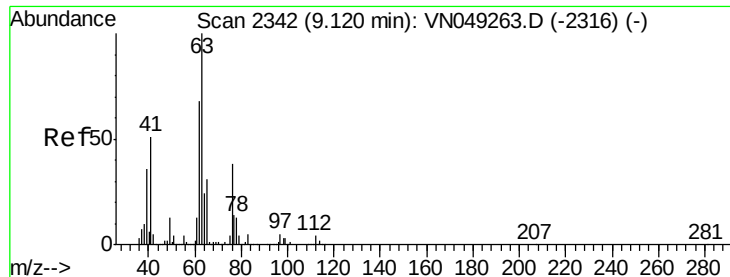
95 96.6 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049518.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049518.D (-2161) (-)





#45

1,2-Dichloropropane

Concen: 19.33 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

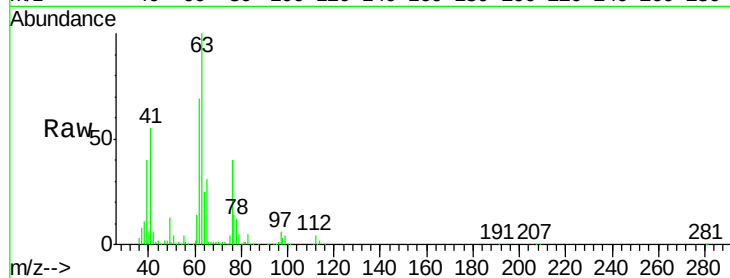
VN0625WBSD01

Tot Ion: 63 Resp: 414387

Ion Ratio Lower Upper

63 100

65 31.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

200000

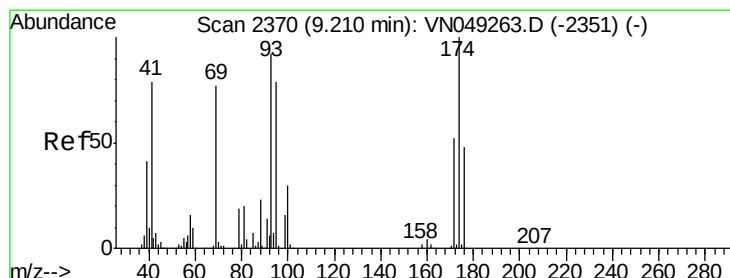
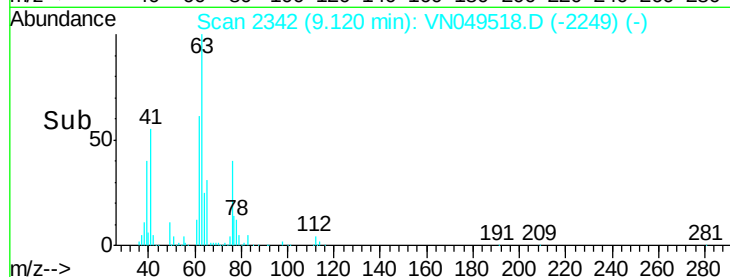
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 19.53 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

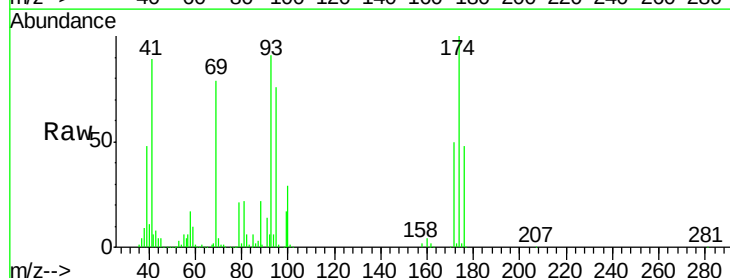
Tgt Ion: 93 Resp: 242734

Ion Ratio Lower Upper

93 100

95 82.6 67.2 100.8

174 111.5 75.6 113.4



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.21

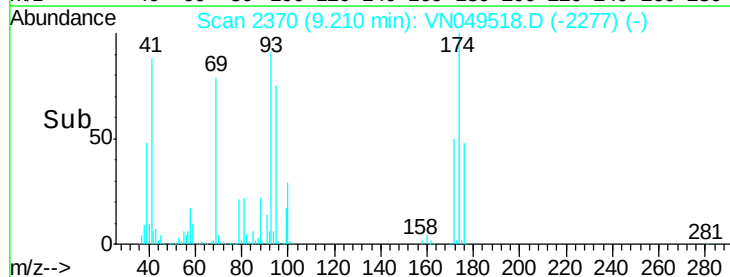
150000

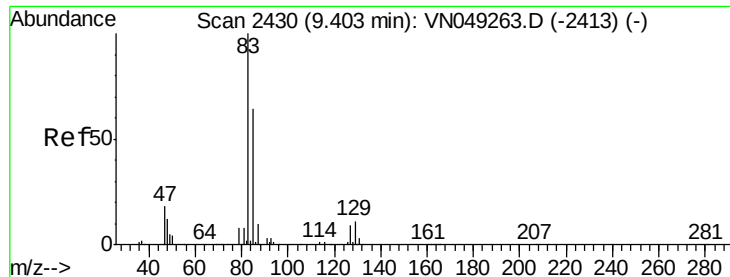
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 19.56 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampled :

VN0625WBSD01

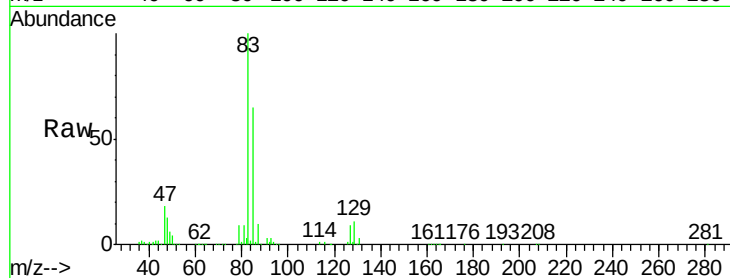
Tot Ion: 83 Resp: 534287

Ion Ratio Lower Upper

83 100

85 64.8 49.4 74.0

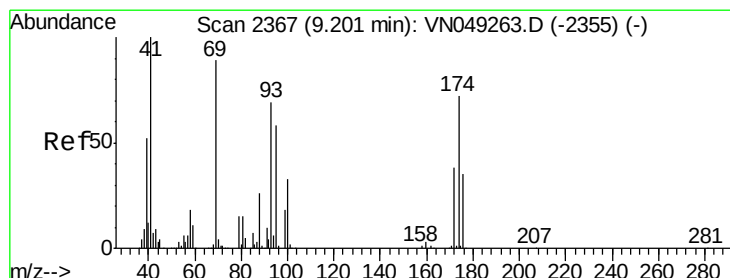
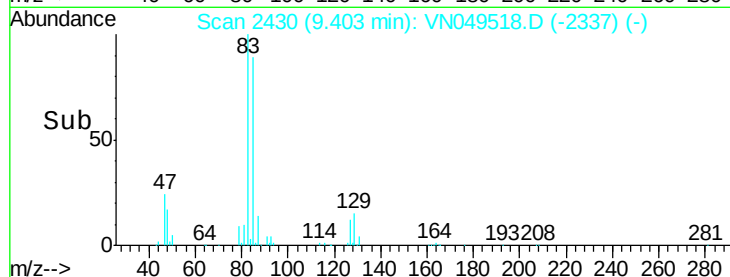
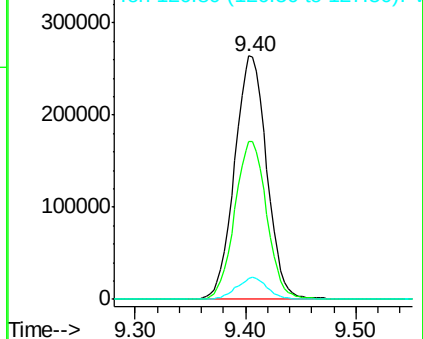
127 8.6 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049518.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049518.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049518.D (-2337) (-)



#48

Methyl methacrylate

Concen: 20.49 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

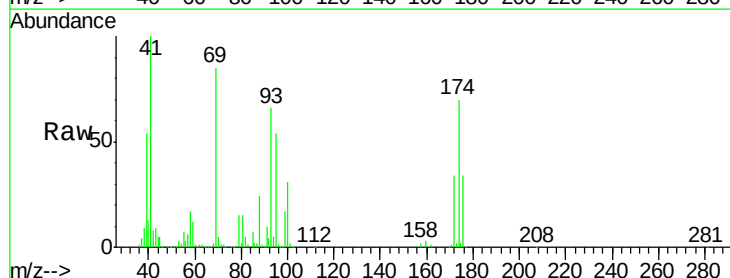
Tgt Ion: 41 Resp: 267602

Ion Ratio Lower Upper

41 100

69 90.7 62.0 93.0

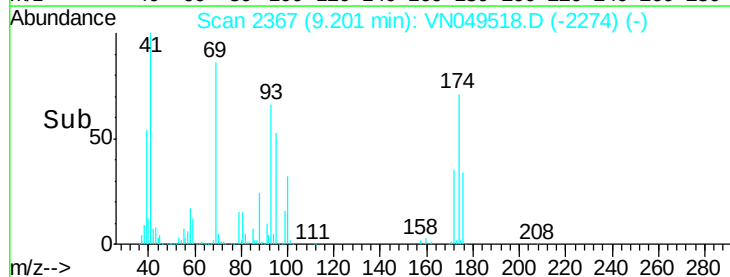
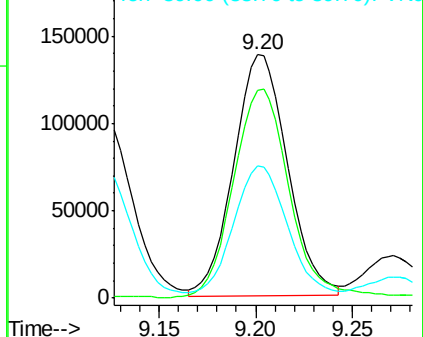
39 55.2 50.6 75.8

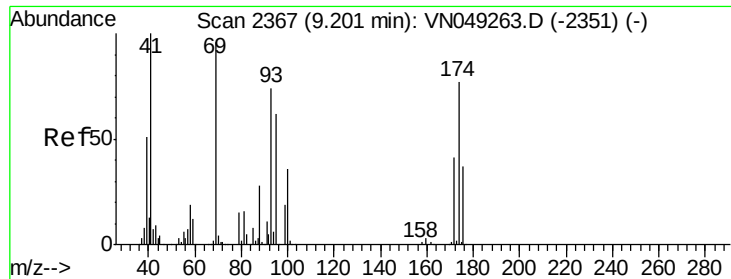


Abundance Ion 41.00 (40.70 to 41.70): VN049518.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049518.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049518.D (-2274) (-)

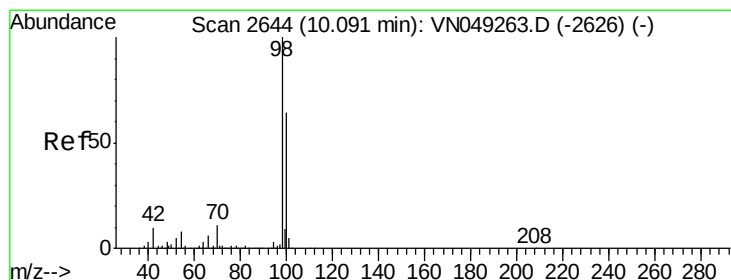
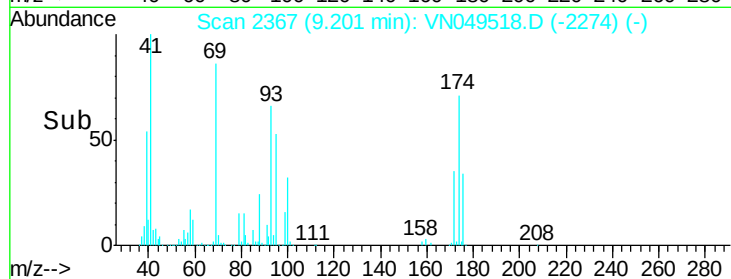
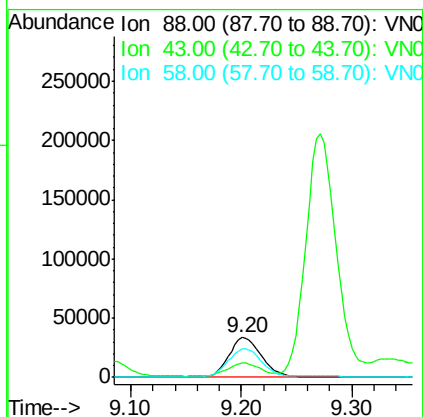
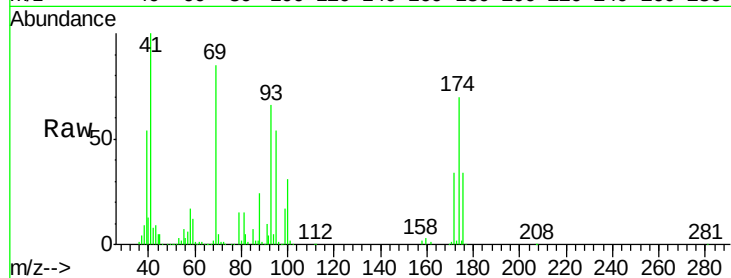




#49
1,4-Dioxane
Concen: 391.87 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049518.D
Acq: 25 Jun 2018 18:29

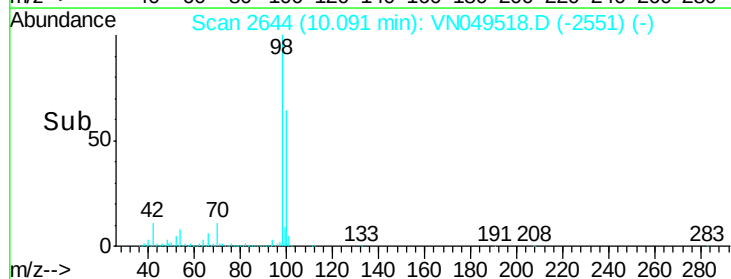
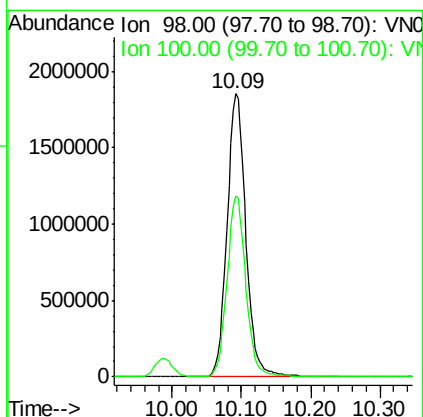
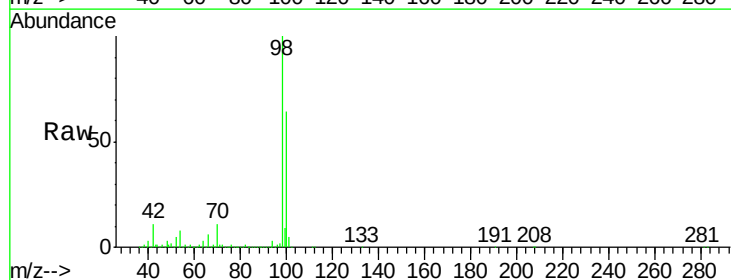
Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

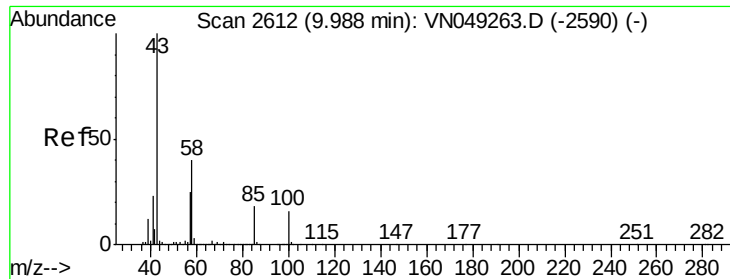
Tot Ion: 88 Resp: 70651
Ion Ratio Lower Upper
88 100
43 32.9 30.9 46.3
58 72.2 58.9 88.3



#50
Toluene-d8
Concen: 48.86 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049518.D
Acq: 25 Jun 2018 18:29

Tgt Ion: 98 Resp: 3507576
Ion Ratio Lower Upper
98 100
100 64.1 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 102.31 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

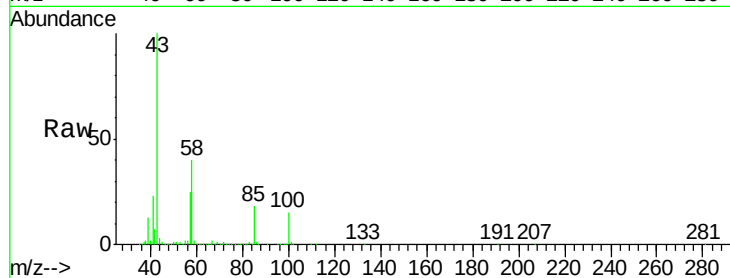
VN0625WBSD01

Tot Ion: 43 Resp: 1487390

Ion Ratio Lower Upper

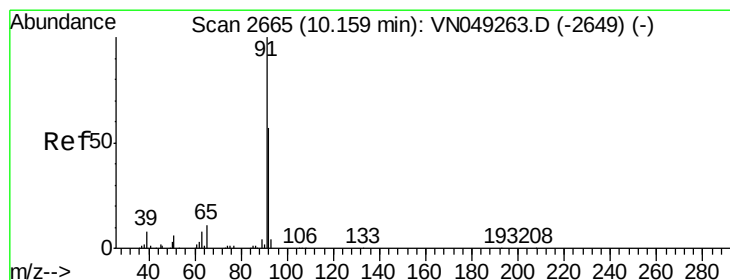
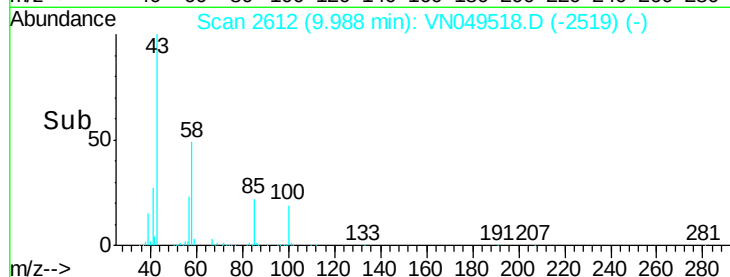
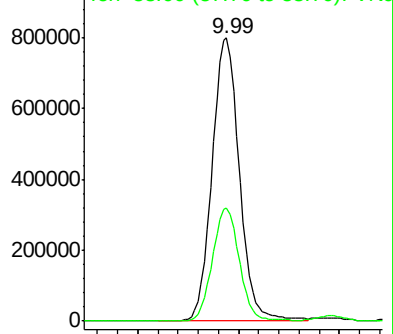
43 100

58 39.5 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.11 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049518.D

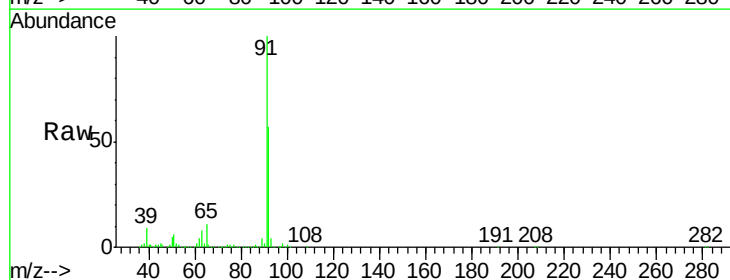
Acq: 25 Jun 2018 18:29

Tgt Ion: 92 Resp: 966613

Ion Ratio Lower Upper

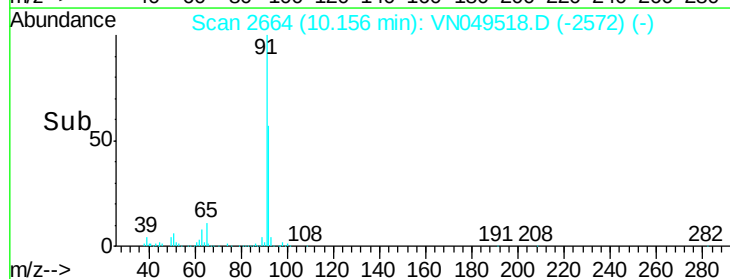
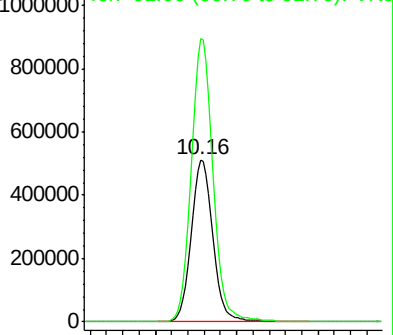
92 100

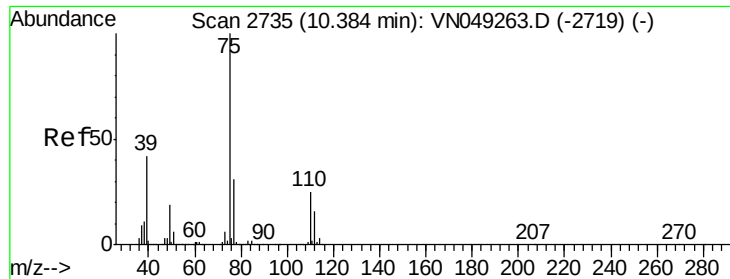
91 175.6 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 19.18 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

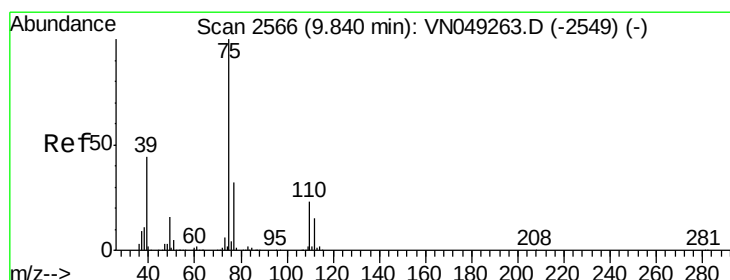
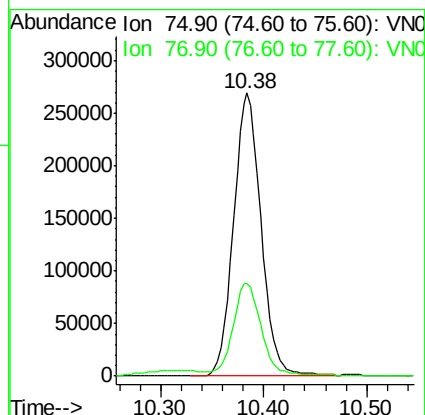
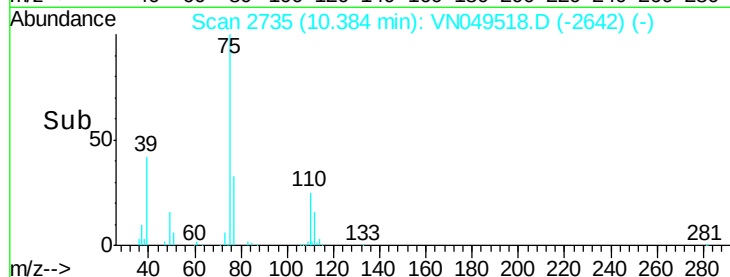
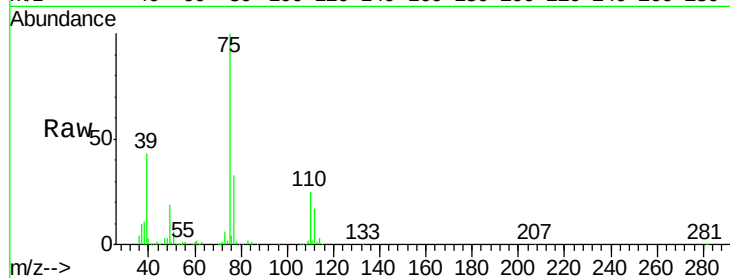
VN0625WBSD01

Tot Ion: 75 Resp: 501086

Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.48 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

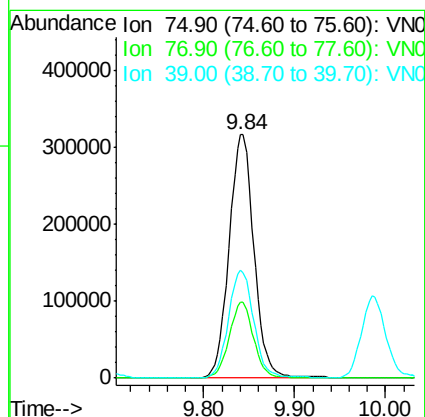
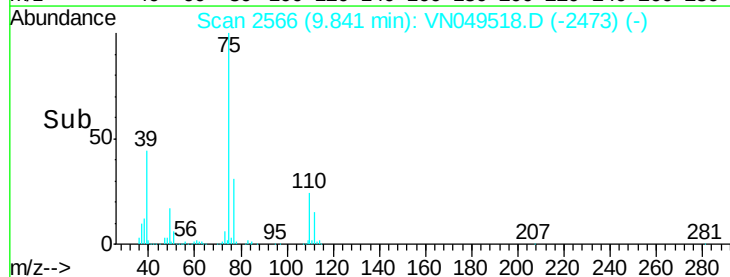
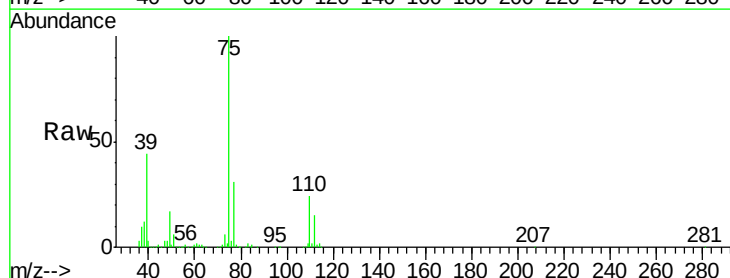
Tgt Ion: 75 Resp: 601090

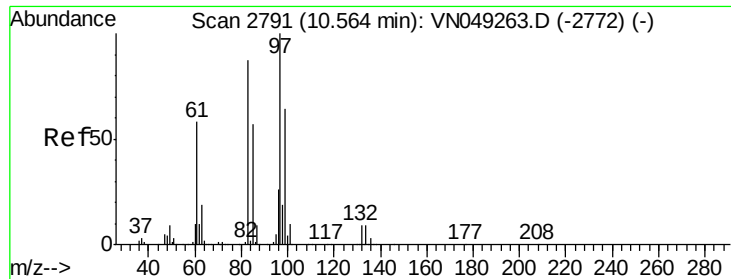
Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

39 44.0 45.1 67.7#

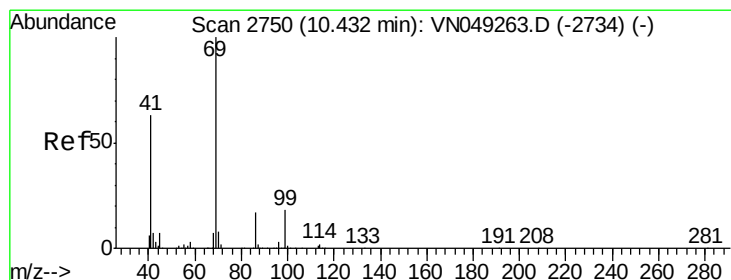
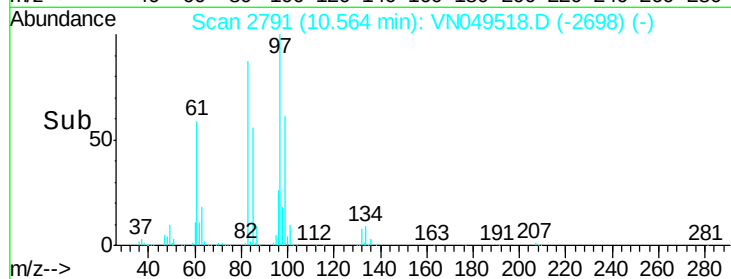
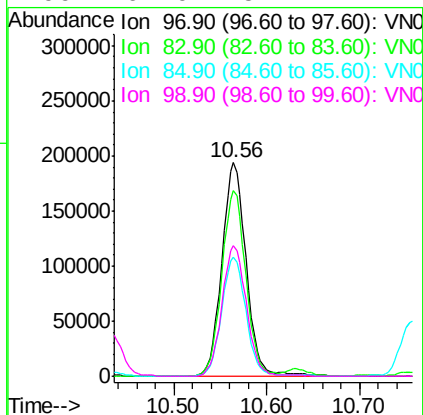
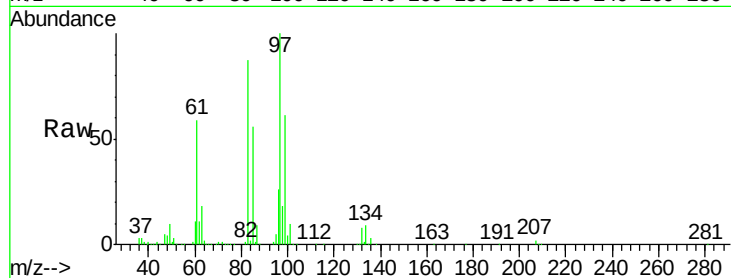




#55
 1,1,2-Trichloroethane
 Concen: 19.68 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

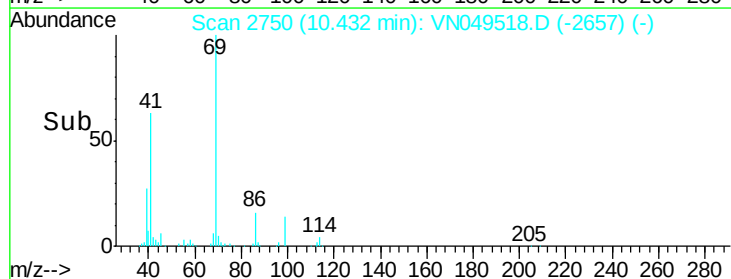
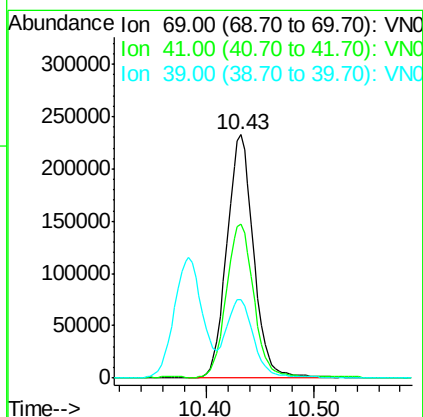
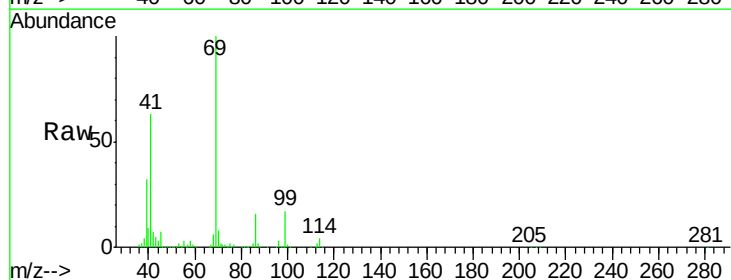
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

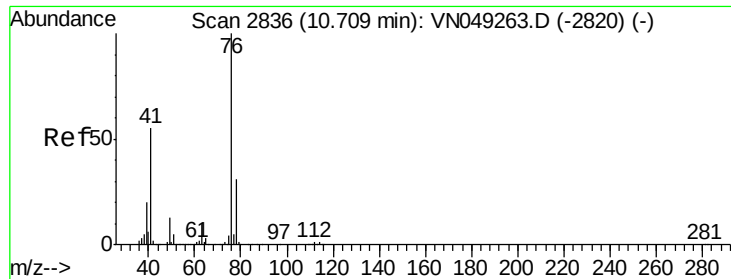
Tot Ion: 97 Resp: 352620
 Ion Ratio Lower Upper
 97 100
 83 86.8 71.5 107.3
 85 56.0 47.0 70.4
 99 61.0 51.4 77.2



#56
 Ethyl methacrylate
 Concen: 19.49 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

Tgt Ion: 69 Resp: 402792
 Ion Ratio Lower Upper
 69 100
 41 64.4 58.4 87.6
 39 32.1 35.5 53.3#

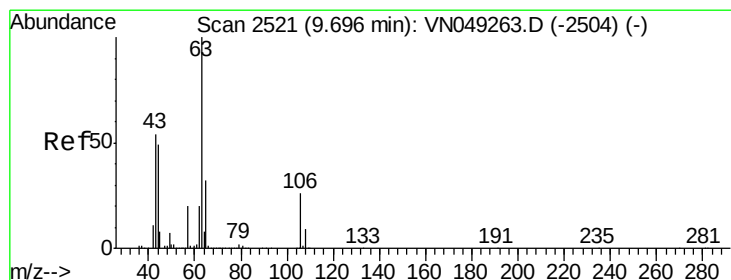
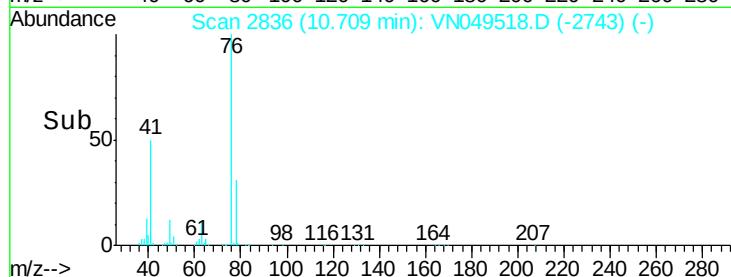
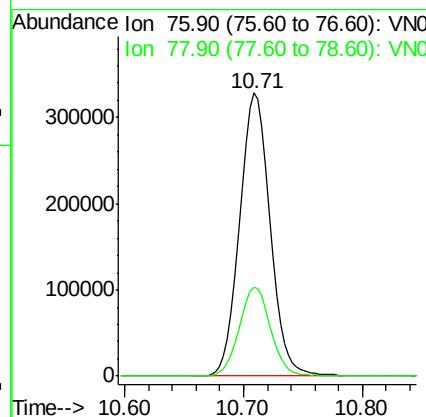
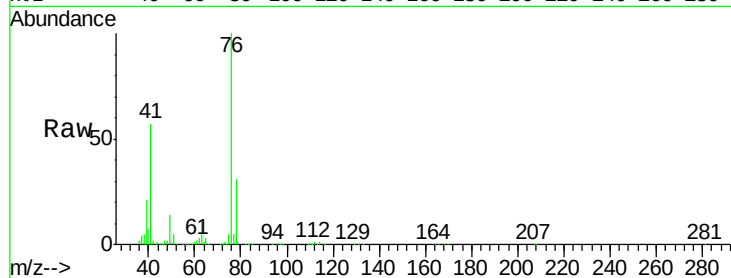




#57
 1,3-Dichloropropane
 Concen: 19.70 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

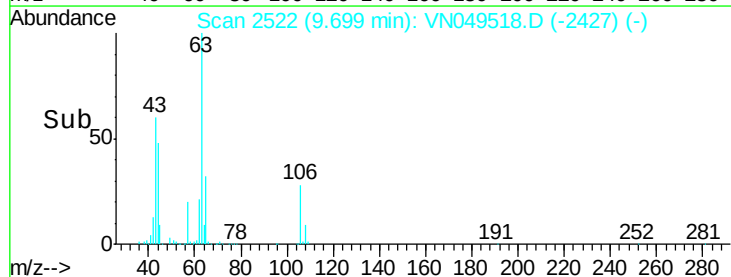
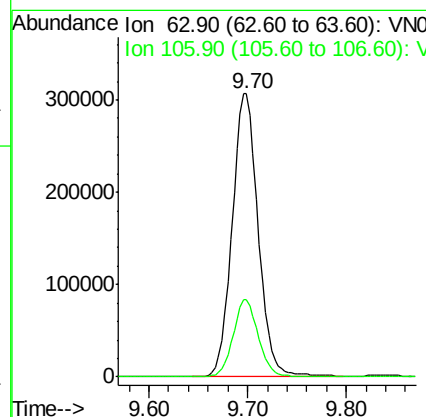
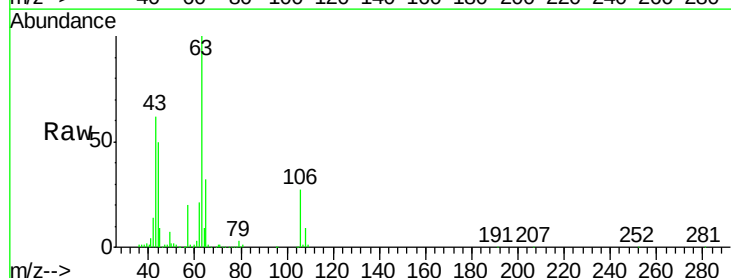
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

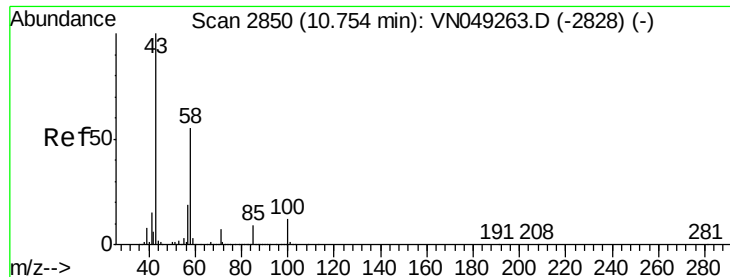
Tot Ion: 76 Resp: 584689
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.63 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

Tgt Ion: 63 Resp: 566737
 Ion Ratio Lower Upper
 63 100
 106 26.4 19.4 29.2





#59

2-Hexanone

Concen: 101.73 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

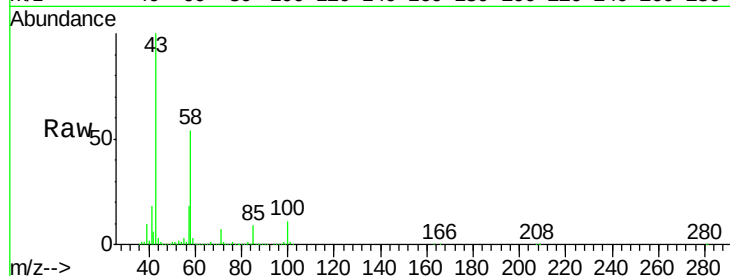
VN0625WBSD01

Tot Ion: 43 Resp: 953554

Ion Ratio Lower Upper

43 100

58 54.9 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2828) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2828) (-)

10.75

500000

400000

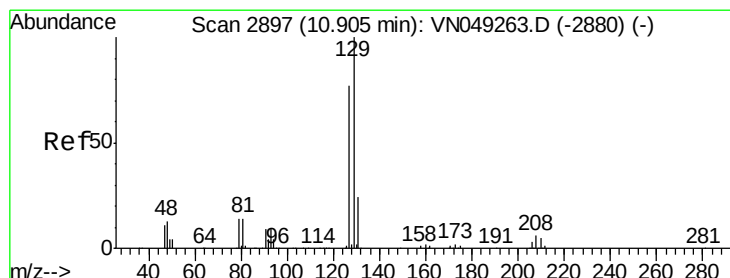
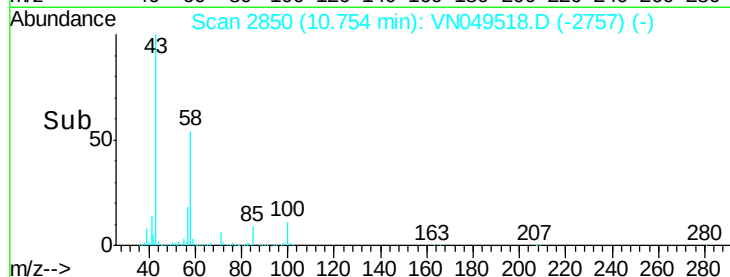
300000

200000

100000

0

Time-->



#60

Dibromochloromethane

Concen: 19.71 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VN049518.D

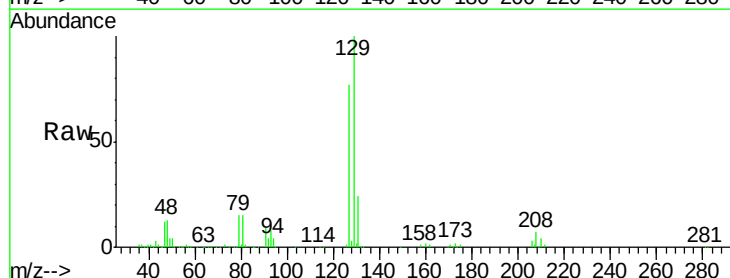
Acq: 25 Jun 2018 18:29

Tgt Ion: 129 Resp: 394000

Ion Ratio Lower Upper

129 100

127 76.5 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): VN049263.D (-2880) (-)

Ion 126.80 (126.50 to 127.50): VN049263.D (-2880) (-)

10.90

250000

200000

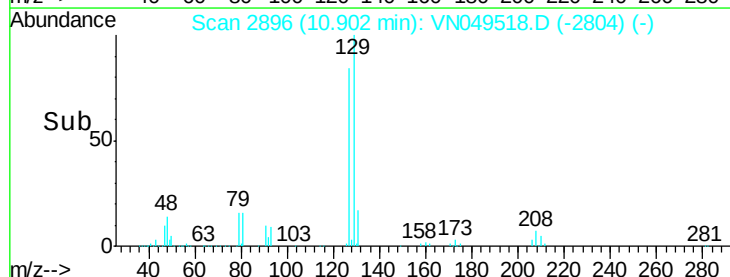
150000

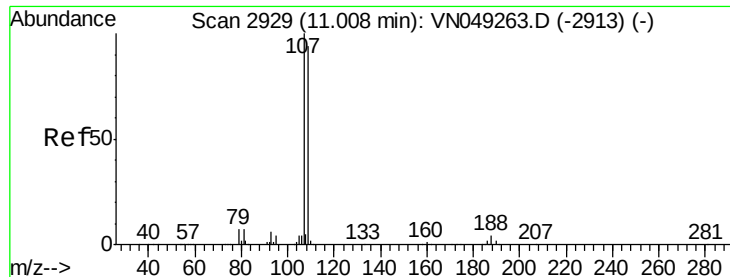
100000

50000

0

Time-->

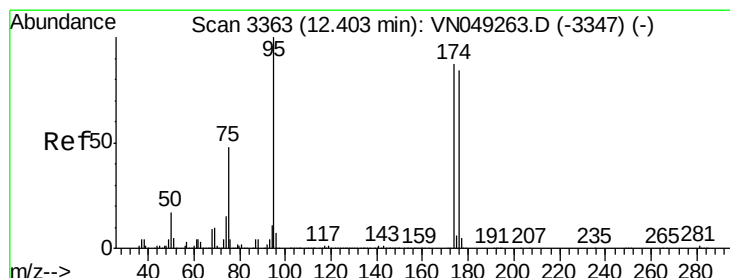
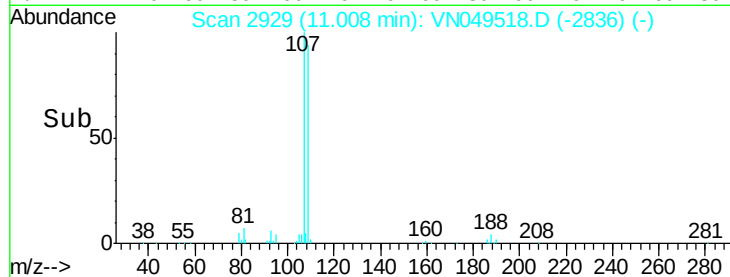
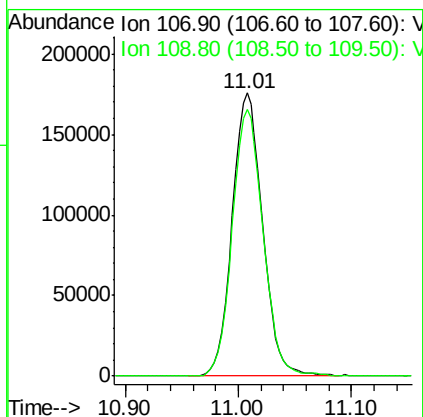
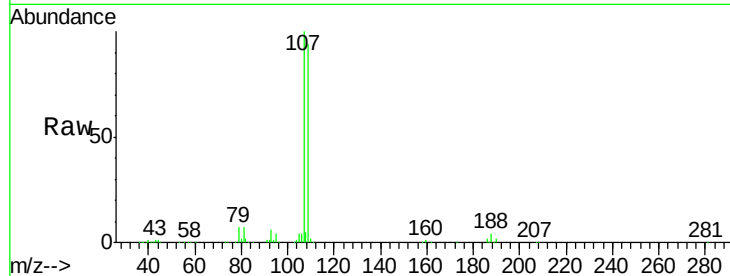




#61
 1,2-Dibromoethane
 Concen: 19.72 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

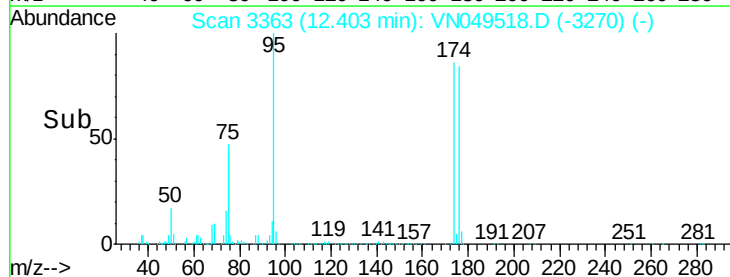
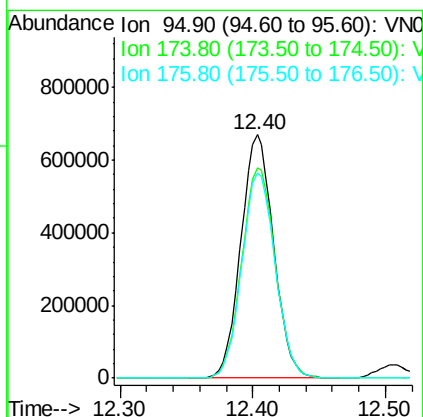
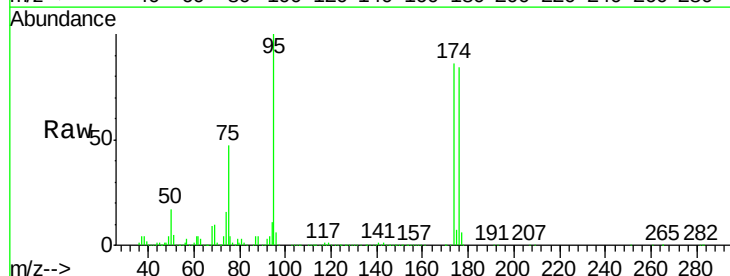
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

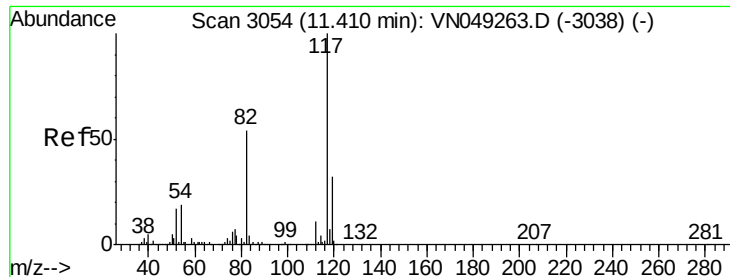
Tot Ion: 107 Resp: 328422
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 48.29 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

Tgt Ion: 95 Resp: 1146174
 Ion Ratio Lower Upper
 95 100
 174 88.8 0.0 165.6
 176 85.9 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: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

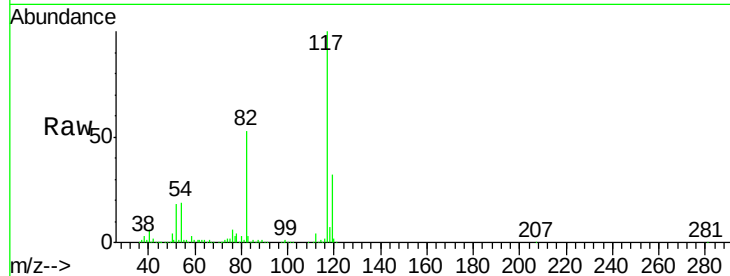
Tot Ion:117 Resp: 2099680

Ion Ratio Lower Upper

117 100

82 53.4 45.9 68.9

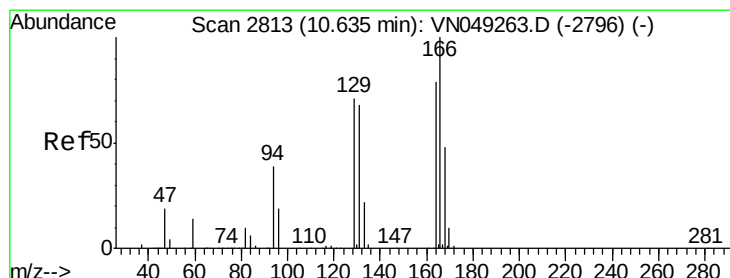
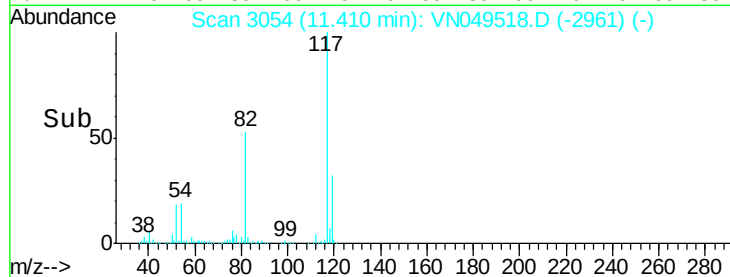
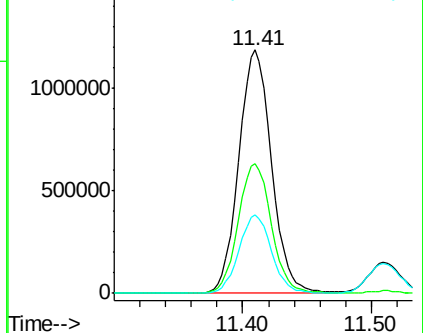
119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 22.19 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Tgt Ion:164 Resp: 477448

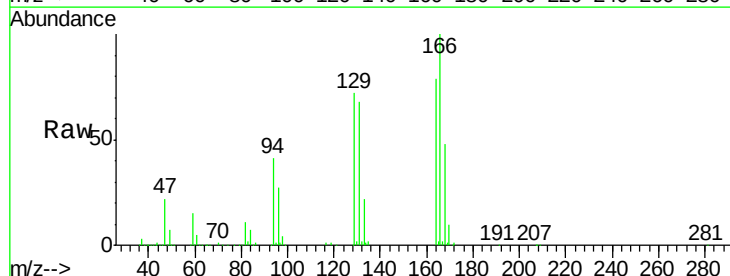
Ion Ratio Lower Upper

164 100

166 126.5 101.4 152.2

129 91.1 74.1 111.1

131 85.5 73.7 110.5

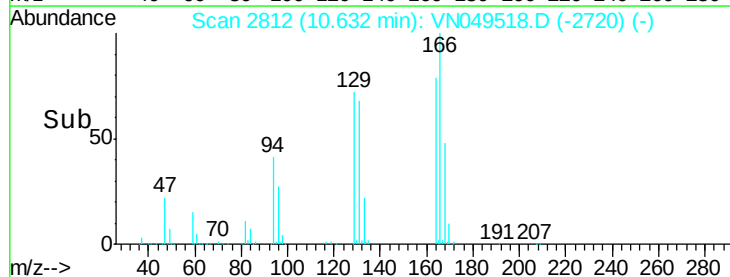
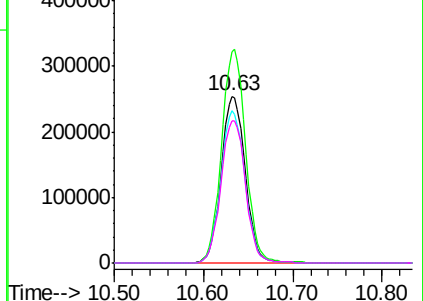


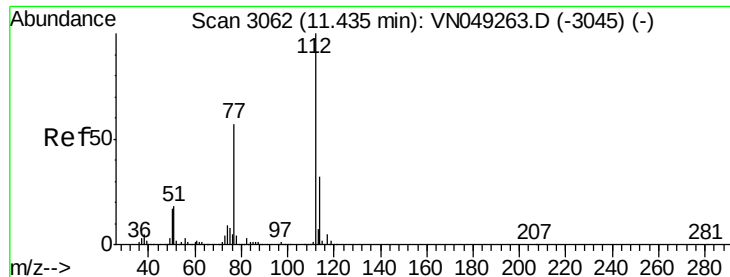
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.38 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

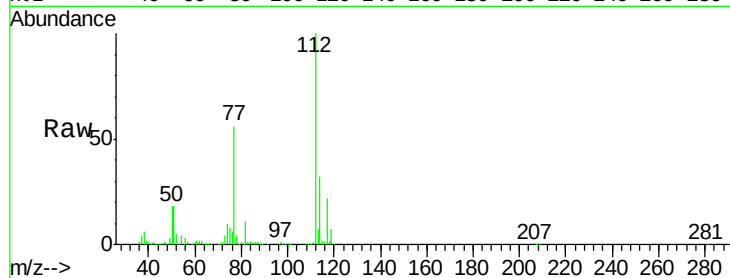
VN0625WBSD01

Tot Ion:112 Resp: 1048239

Ion Ratio Lower Upper

112 100

114 31.7 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.44

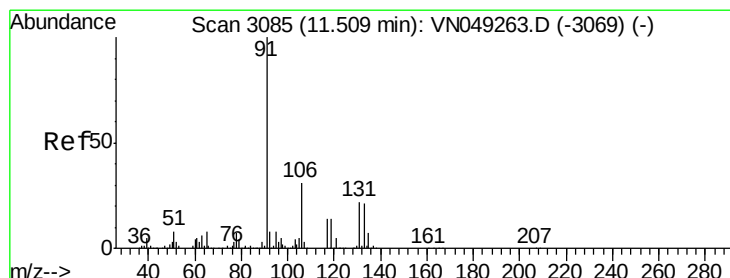
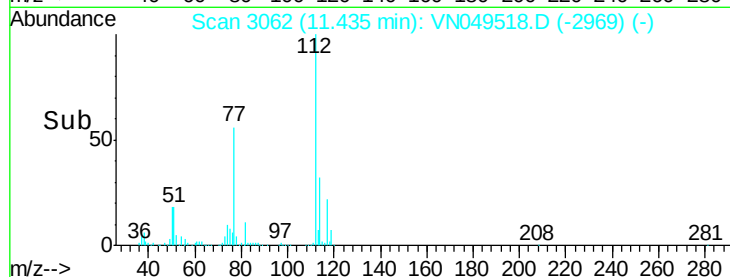
600000

400000

200000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 19.36 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

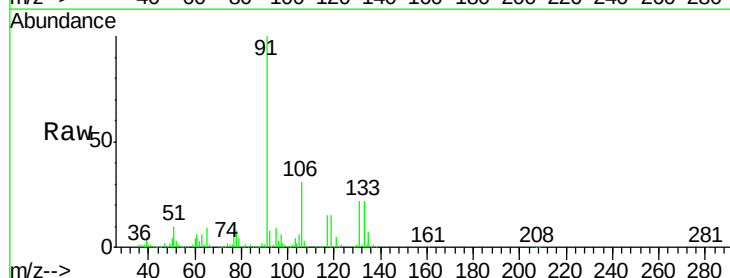
Tgt Ion:131 Resp: 393994

Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.2

119 65.7 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

11.51

500000

400000

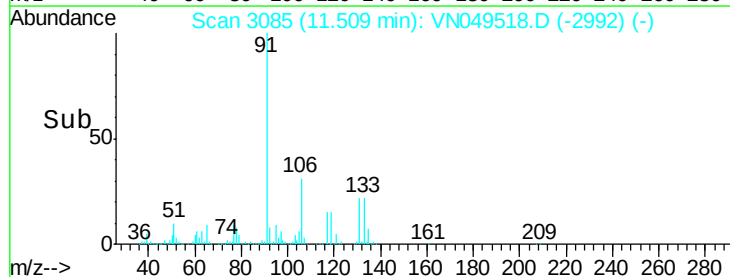
300000

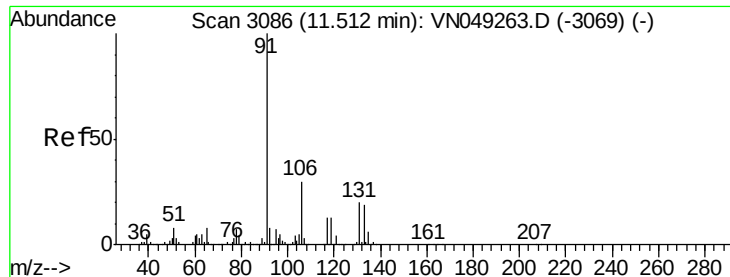
200000

100000

0

Time--> 11.50 11.60





#67

Ethyl Benzene

Concen: 19.63 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

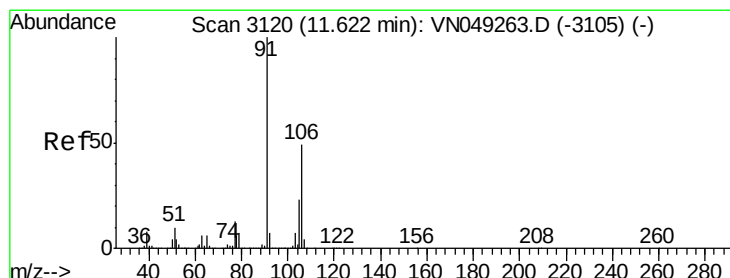
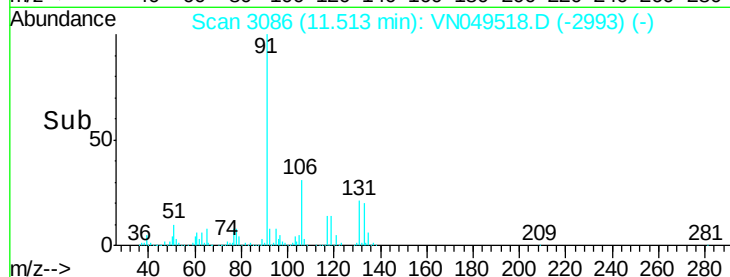
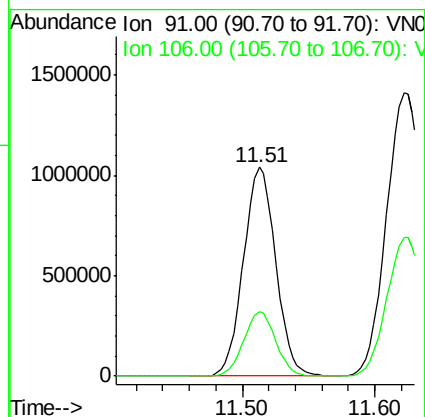
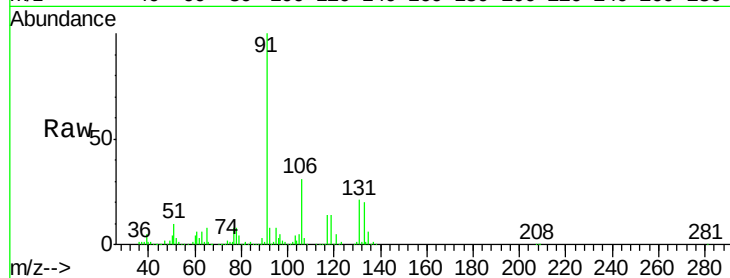
VN0625WBSD01

Tot Ion: 91 Resp: 1761348

Ion Ratio Lower Upper

91 100

106 30.9 23.9 35.9



#68

m/p-Xylenes

Concen: 40.03 ug/l

RT: 11.63 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN049518.D

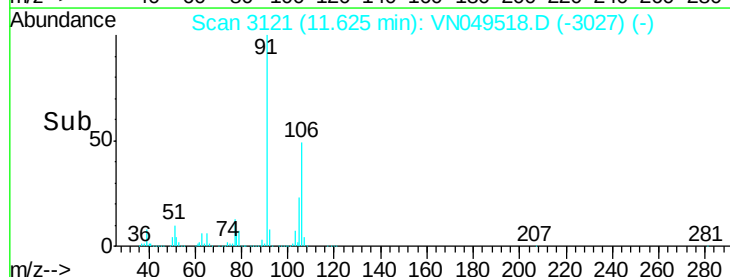
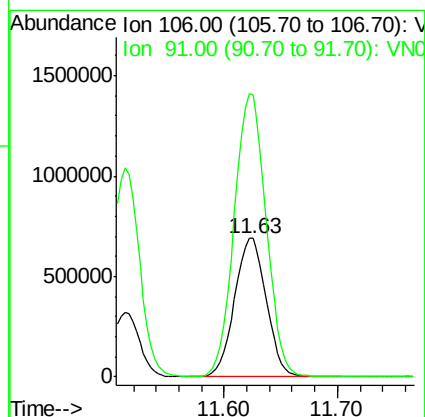
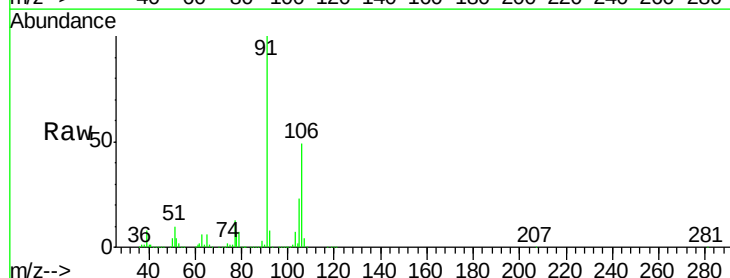
Acq: 25 Jun 2018 18:29

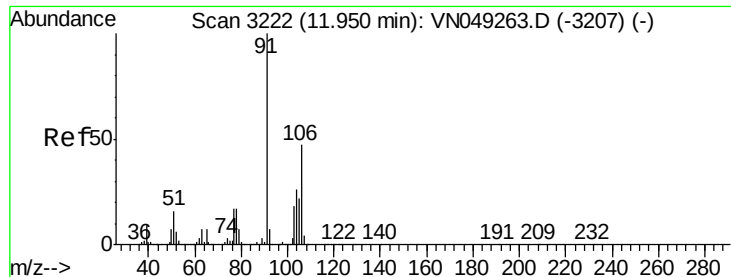
Tgt Ion: 106 Resp: 1347774

Ion Ratio Lower Upper

106 100

91 205.4 167.3 250.9

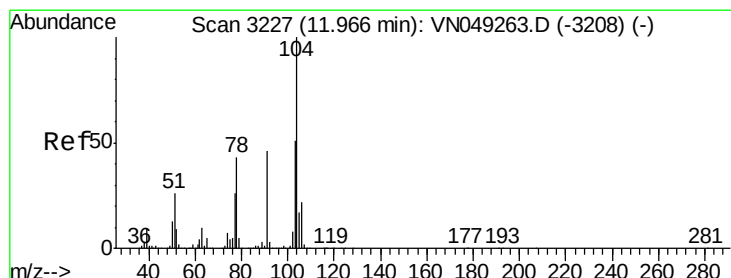
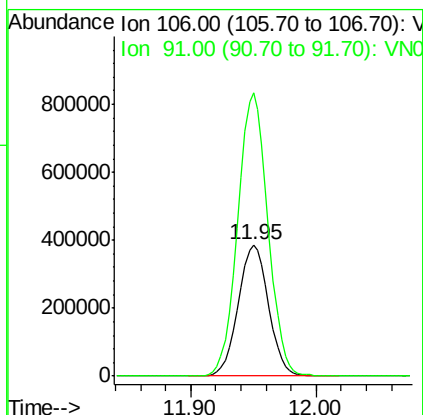
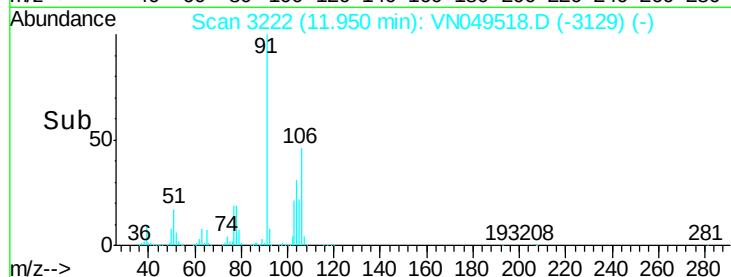
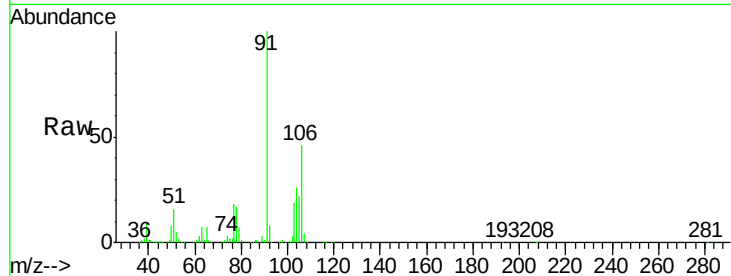




#69
o-Xylene
Concen: 19.95 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049518.D
Acq: 25 Jun 2018 18:29

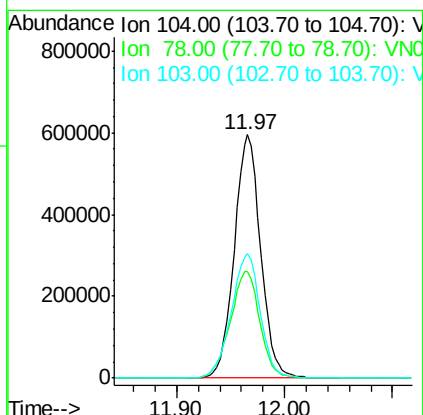
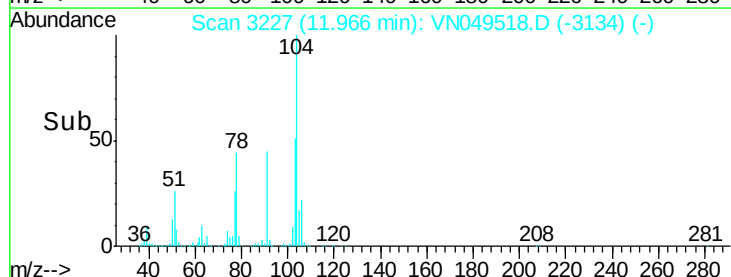
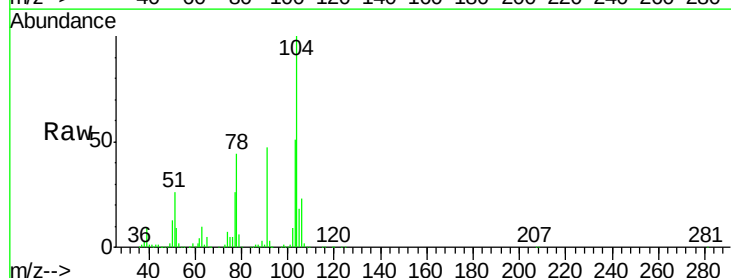
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

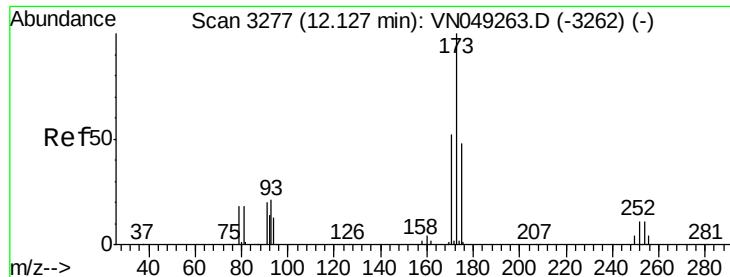
Tot Ion:106 Resp: 646990
Ion Ratio Lower Upper
106 100
91 214.8 111.0 333.0



#70
Styrene
Concen: 19.83 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049518.D
Acq: 25 Jun 2018 18:29

Tgt Ion:104 Resp: 1014611
Ion Ratio Lower Upper
104 100
78 49.2 41.6 62.4
103 56.3 45.4 68.2





#71

Bromoform

Concen: 19.85 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

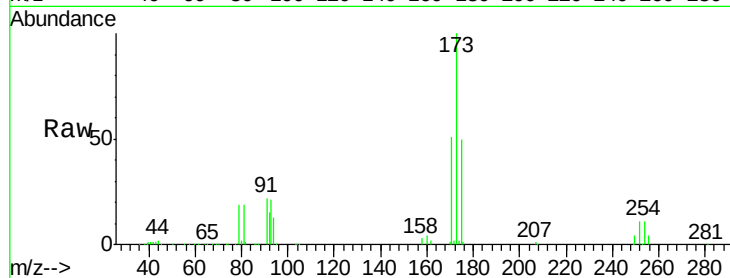
Tot Ion:173 Resp: 261587

Ion Ratio Lower Upper

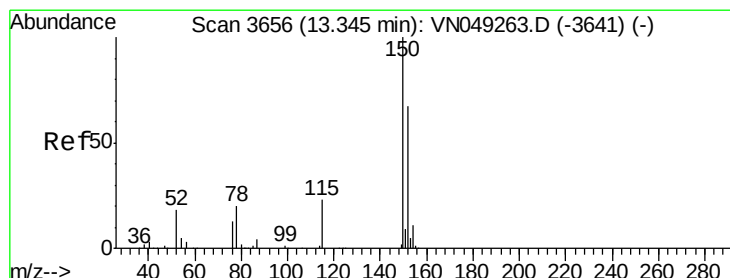
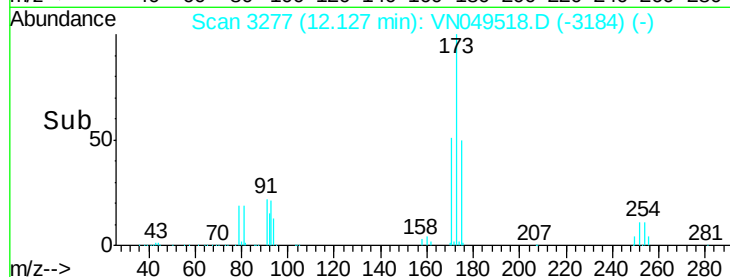
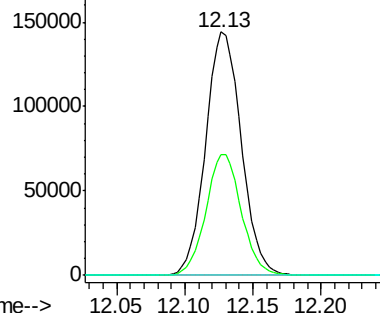
173 100

175 49.2 24.5 73.5

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

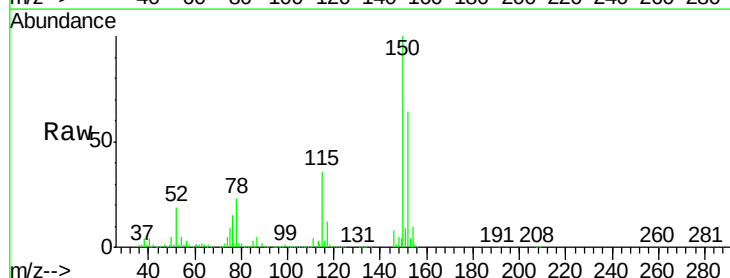
Tgt Ion:152 Resp: 1003850

Ion Ratio Lower Upper

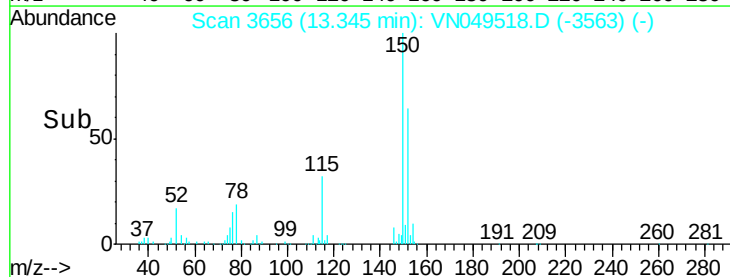
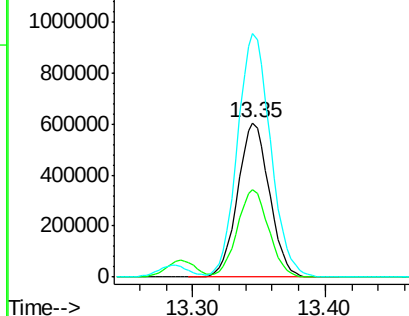
152 100

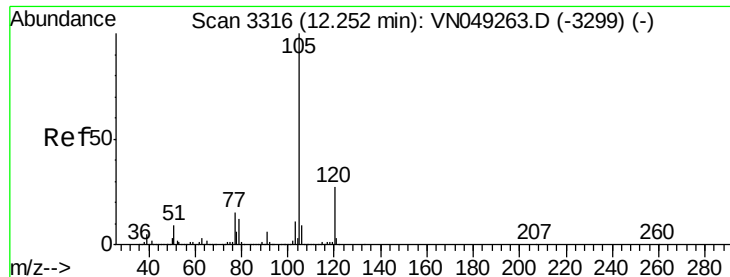
115 56.2 28.7 86.1

150 164.7 0.0 351.0



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





#73

Isopropylbenzene

Concen: 19.52 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

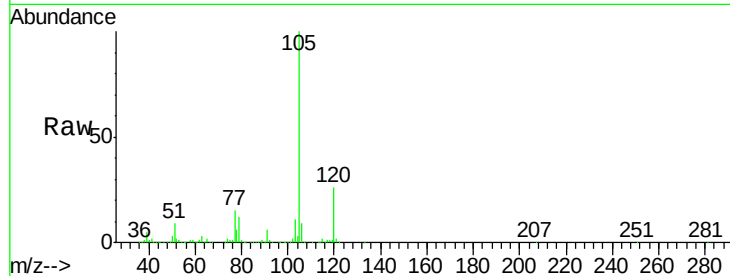
VN0625WBSD01

Tot Ion:105 Resp: 1720747

Ion Ratio Lower Upper

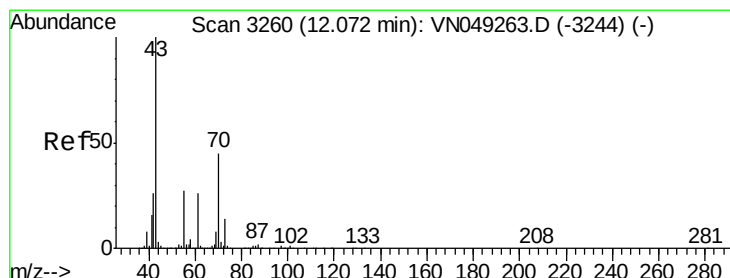
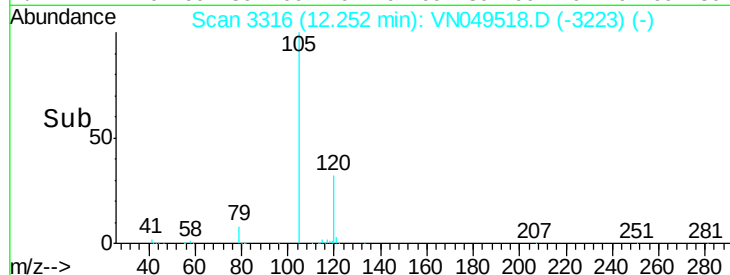
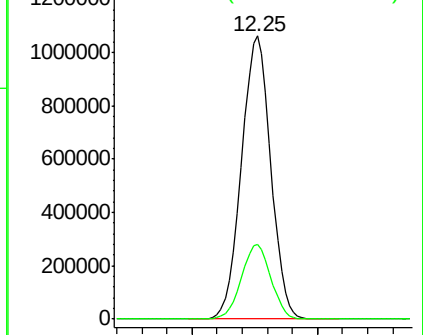
105 100

120 26.6 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: 18.94 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Tgt Ion: 43 Resp: 408800

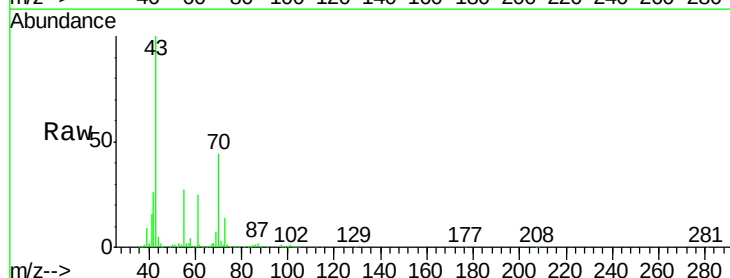
Ion Ratio Lower Upper

43 100

70 43.3 30.3 45.5

55 27.0 19.4 29.2

61 24.8 17.8 26.6

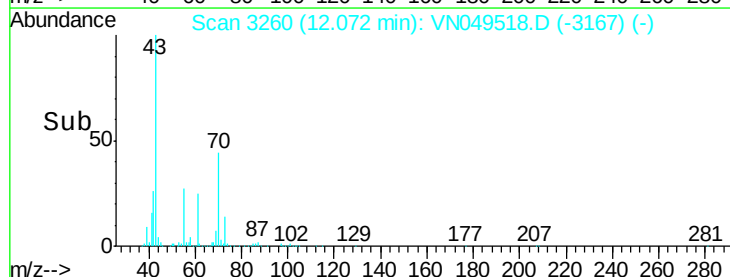
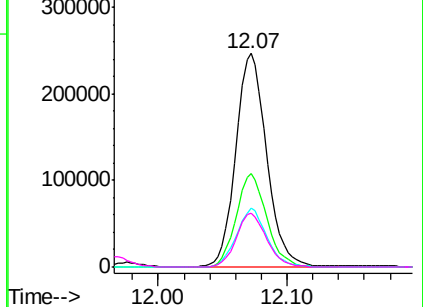


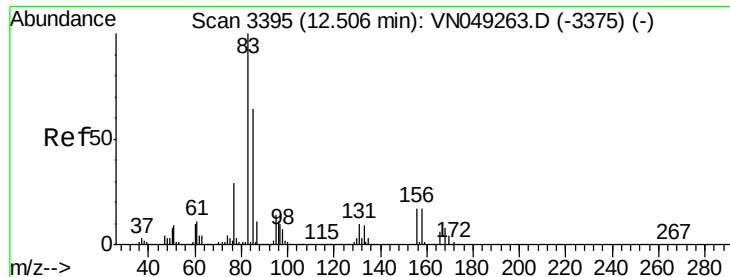
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.03 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

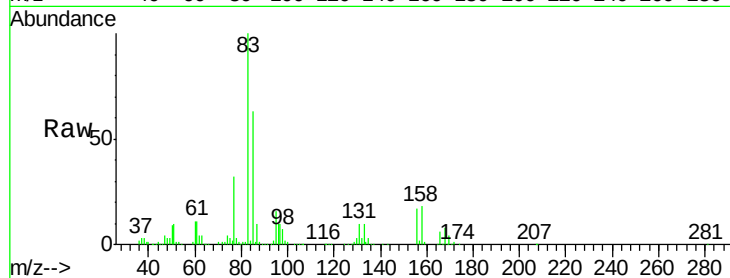
Tot Ion: 83 Resp: 387499

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

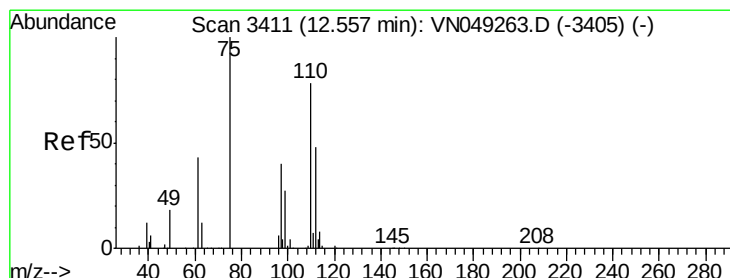
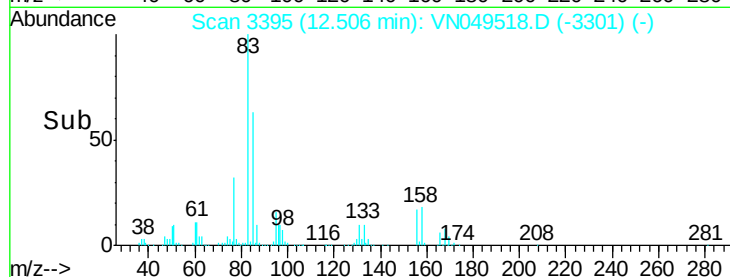
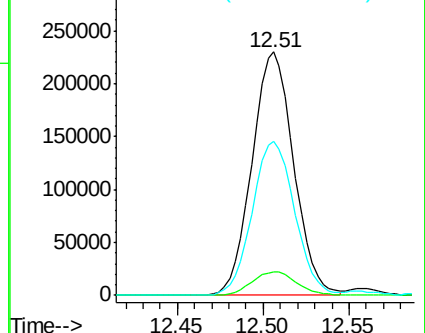
85 64.4 32.0 96.0



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: 29.12 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049518.D

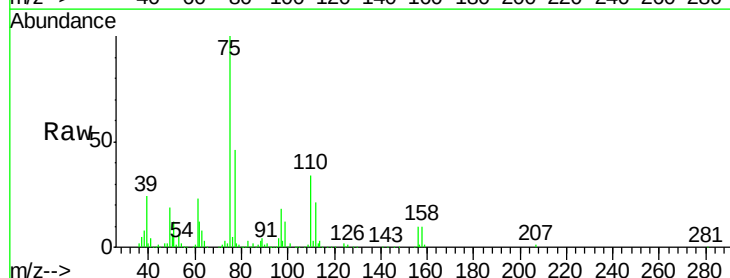
Acq: 25 Jun 2018 18:29

Tgt Ion: 75 Resp: 498692

Ion Ratio Lower Upper

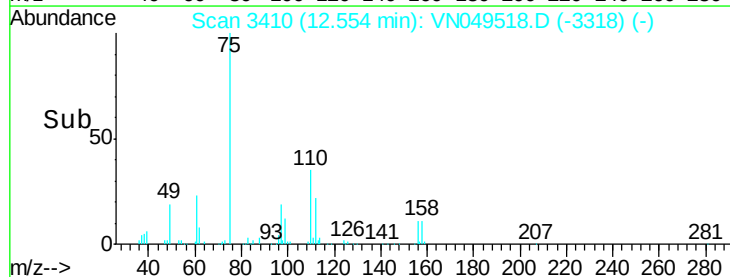
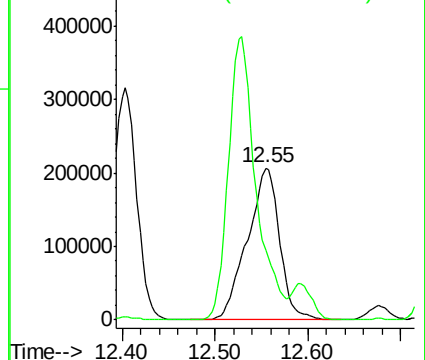
75 100

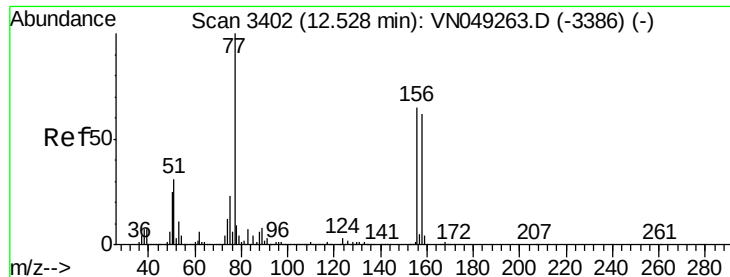
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.73 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

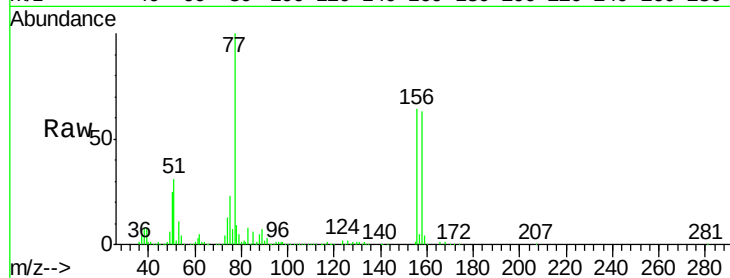
Tot Ion:156 Resp: 435993

Ion Ratio Lower Upper

156 100

77 183.0 100.8 302.4

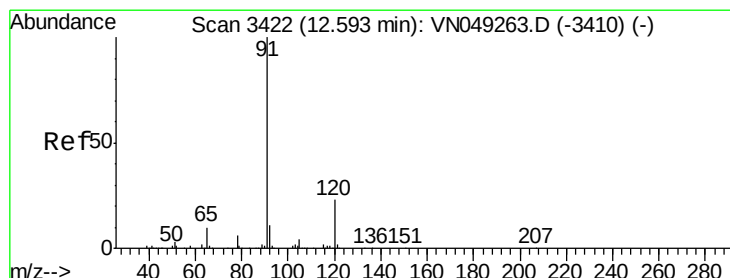
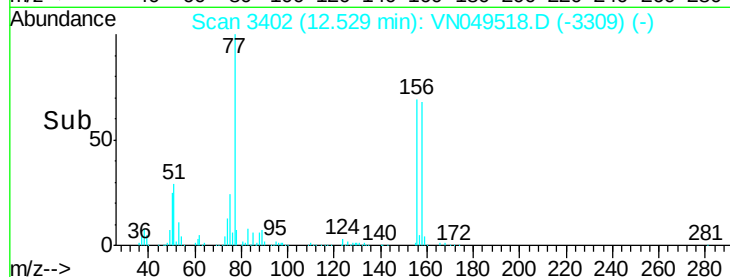
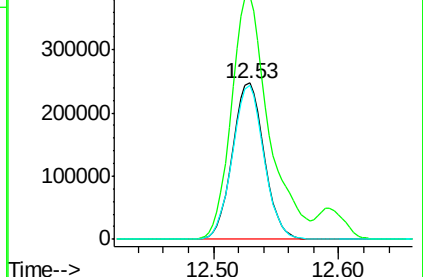
158 97.5 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.71 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049518.D

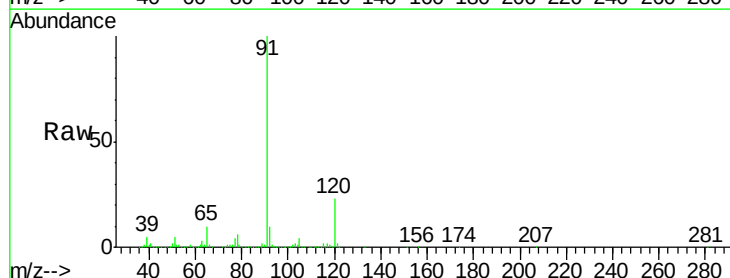
Acq: 25 Jun 2018 18:29

Tgt Ion: 91 Resp: 1907391

Ion Ratio Lower Upper

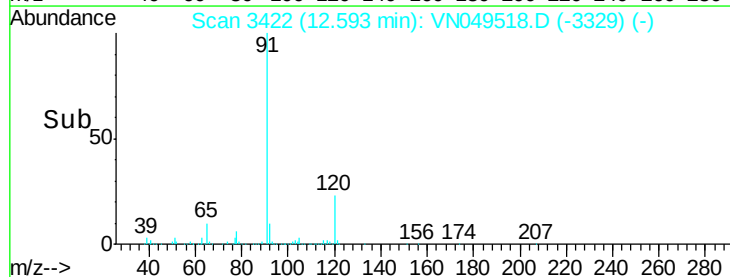
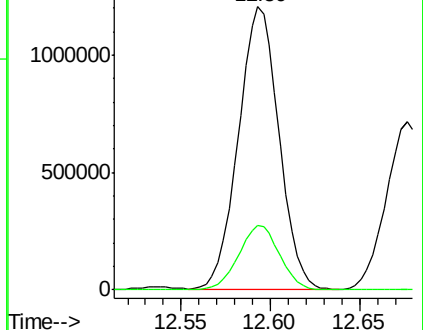
91 100

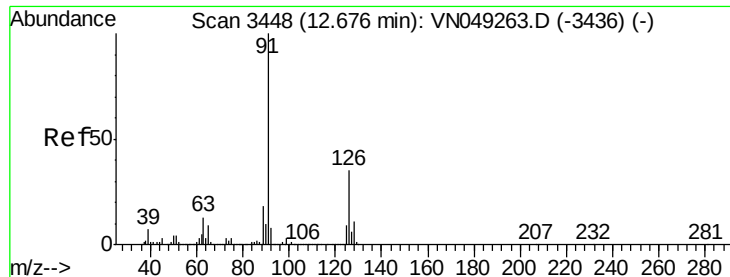
120 23.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.24 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

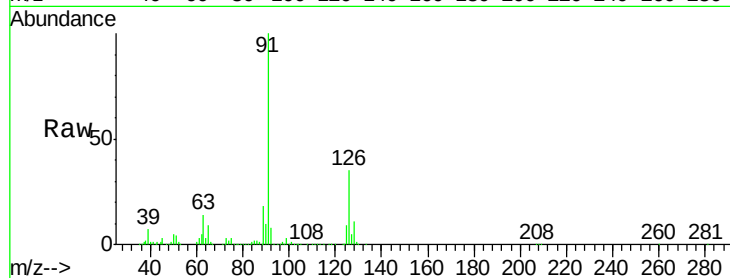
VN0625WBSD01

Tot Ion: 91 Resp: 1180014

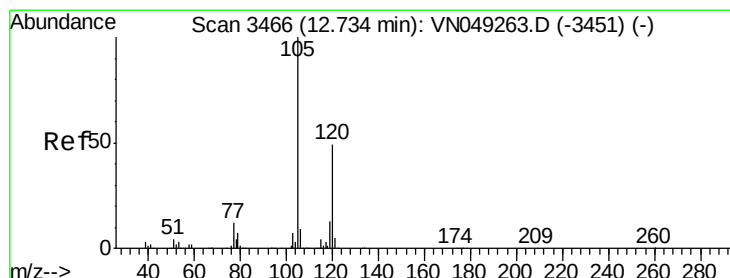
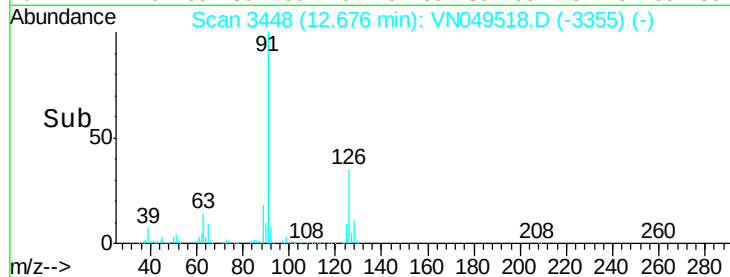
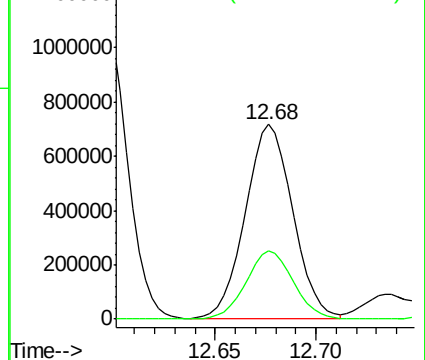
Ion Ratio Lower Upper

91 100

126 35.1 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049518.D (-3355) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.30 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049518.D

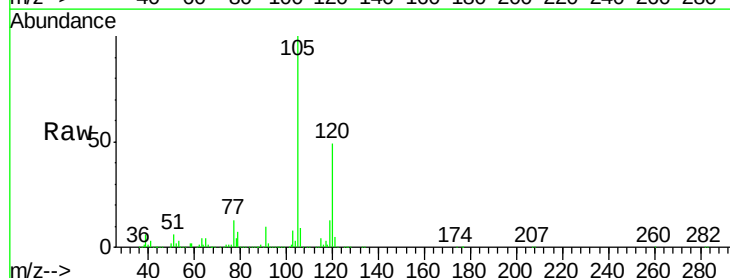
Acq: 25 Jun 2018 18:29

Tgt Ion: 105 Resp: 1406159

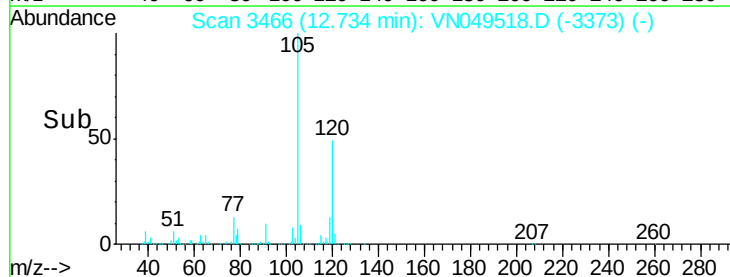
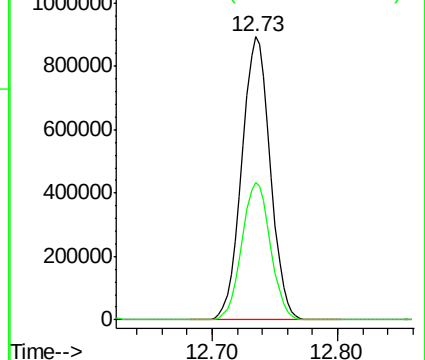
Ion Ratio Lower Upper

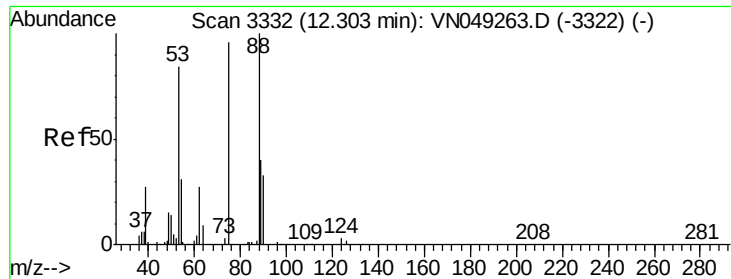
105 100

120 49.0 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049518.D (-3373) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.22 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

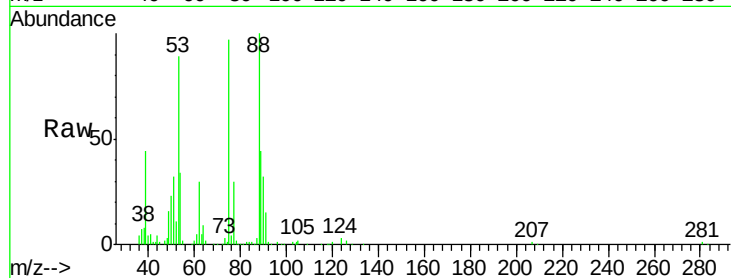
Tot Ion: 75 Resp: 98751

Ion Ratio Lower Upper

75 100

53 96.9 82.7 124.1

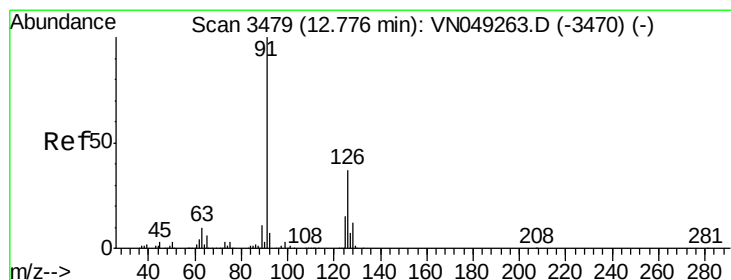
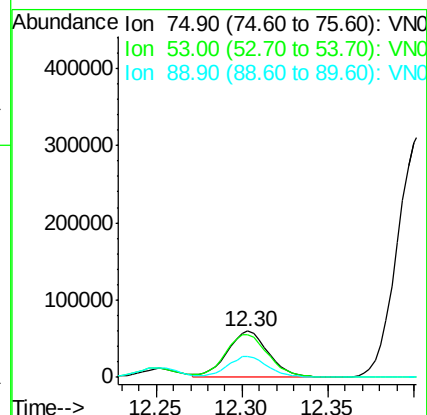
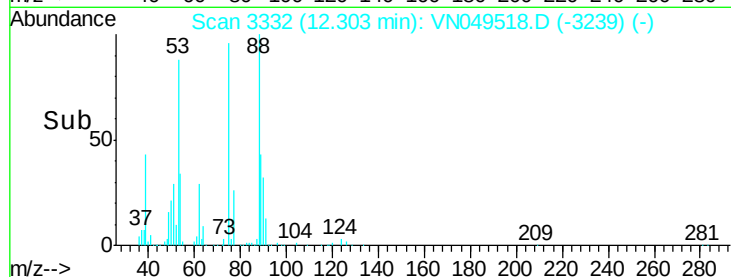
89 45.3 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.64 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049518.D

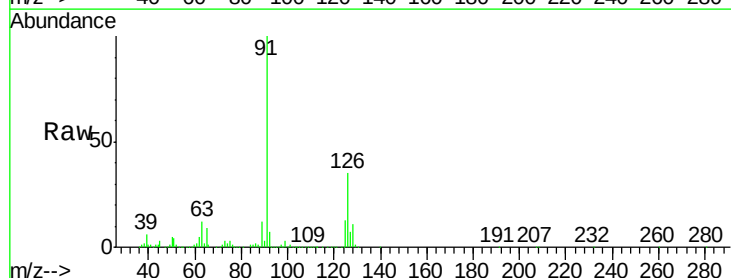
Acq: 25 Jun 2018 18:29

Tgt Ion: 91 Resp: 1162044

Ion Ratio Lower Upper

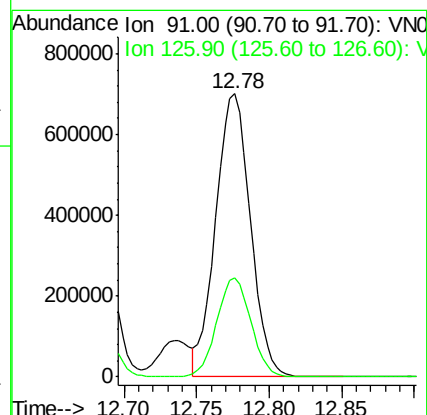
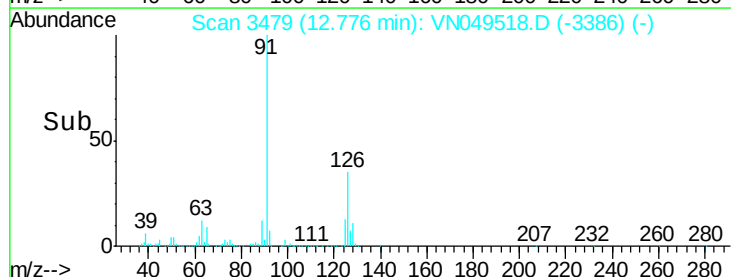
91 100

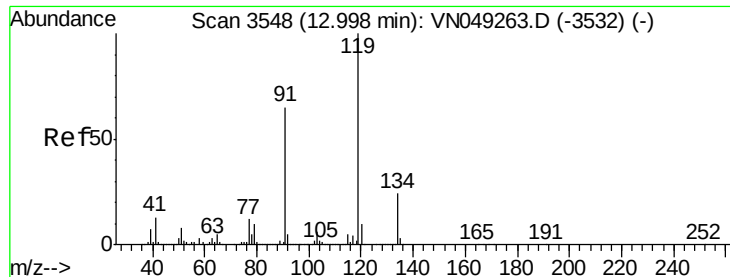
126 34.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.16 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

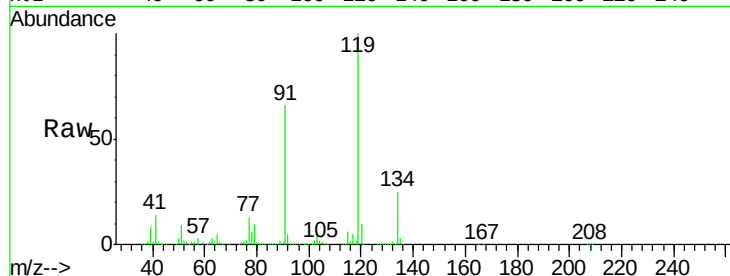
Tot Ion:119 Resp: 1176199

Ion Ratio Lower Upper

119 100

91 65.2 33.7 101.0

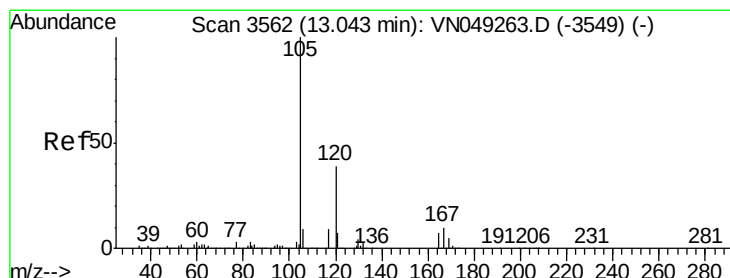
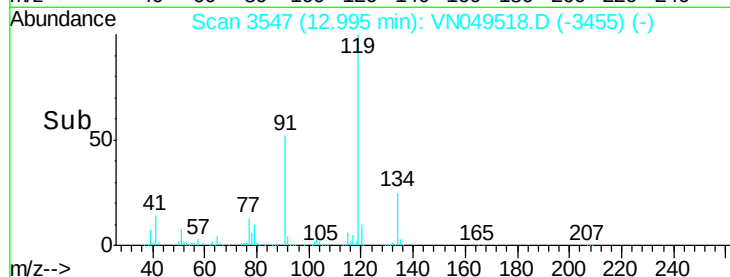
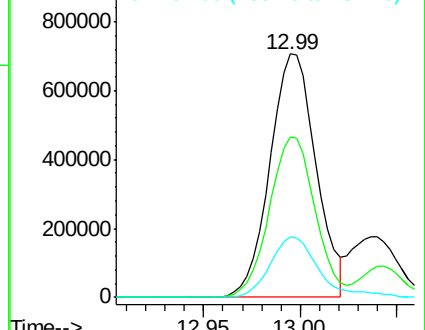
134 26.3 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.26 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049518.D

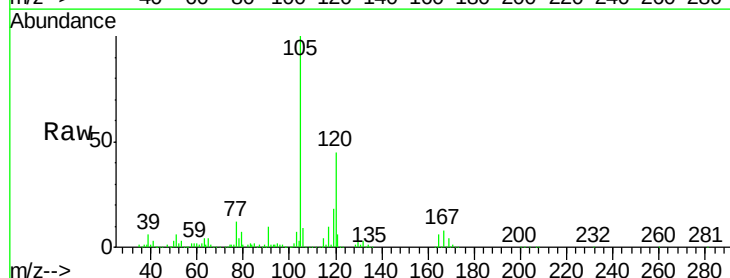
Acq: 25 Jun 2018 18:29

Tgt Ion:105 Resp: 1394570

Ion Ratio Lower Upper

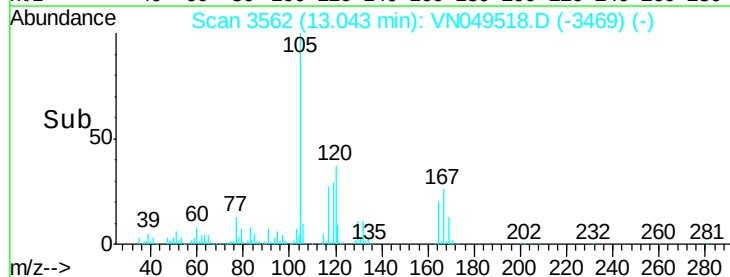
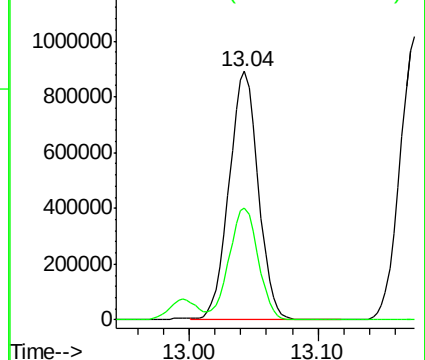
105 100

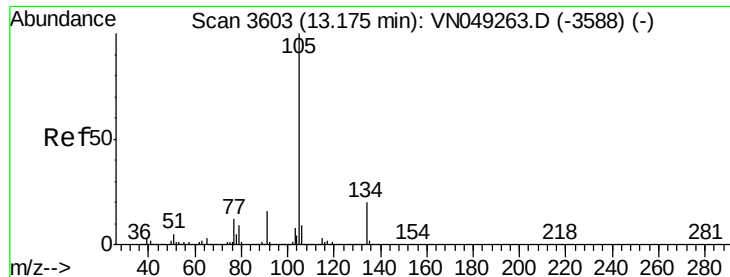
120 45.3 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.35 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

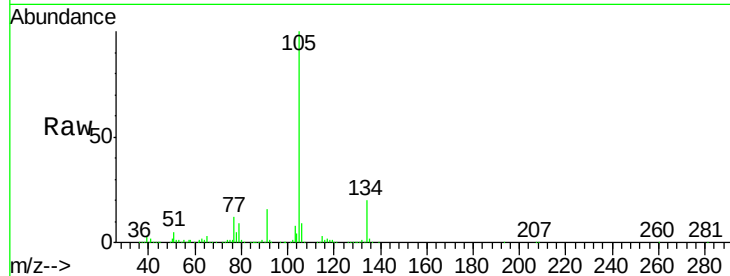
VN0625WBSD01

Tot Ion:105 Resp: 1581107

Ion Ratio Lower Upper

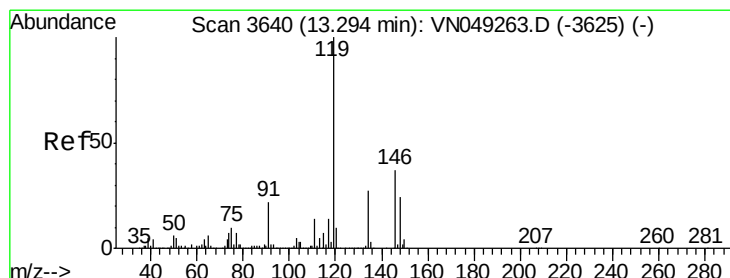
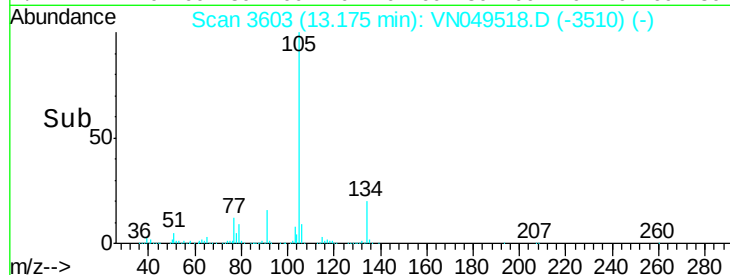
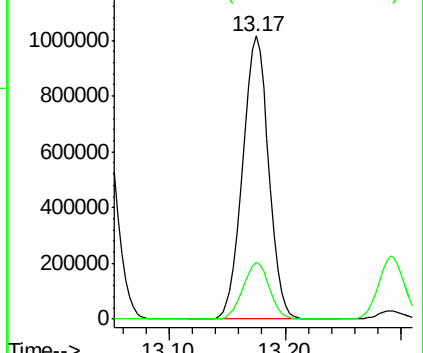
105 100

134 20.3 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: VN049518.D

Acq: 25 Jun 2018 18:29

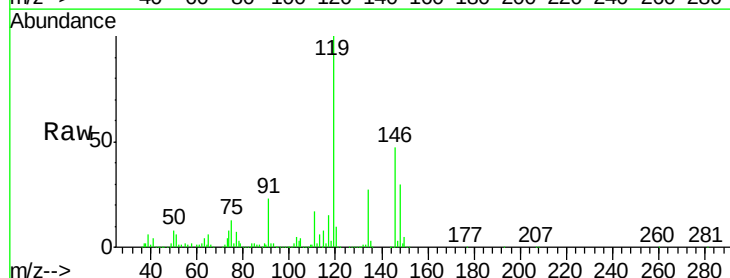
Tgt Ion:119 Resp: 1337144

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

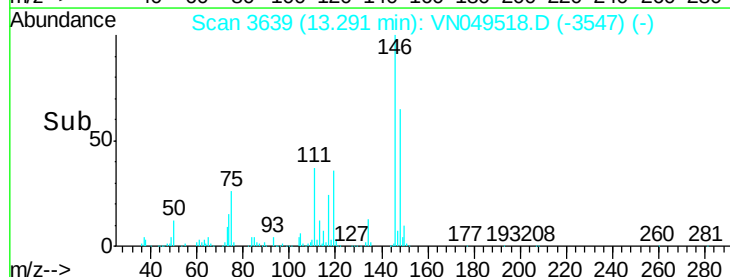
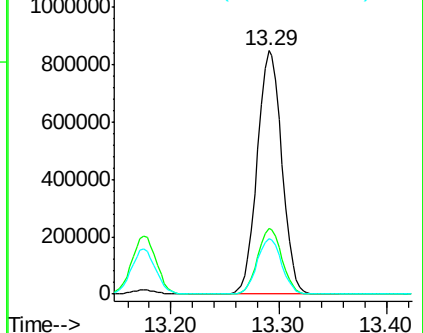
91 22.7 12.1 36.3

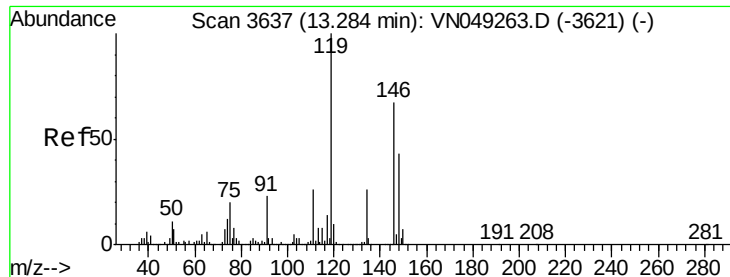


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

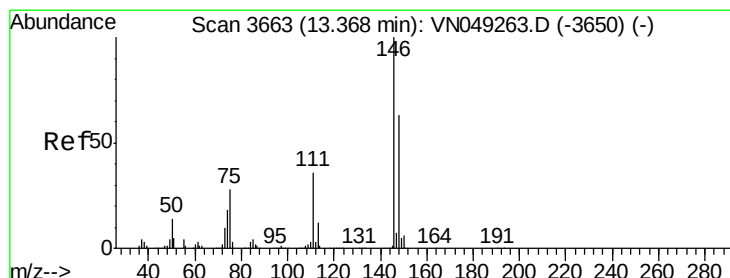
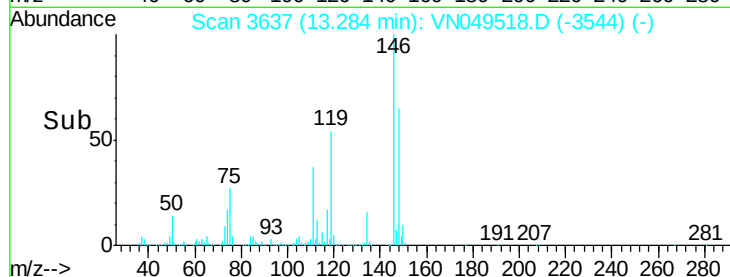
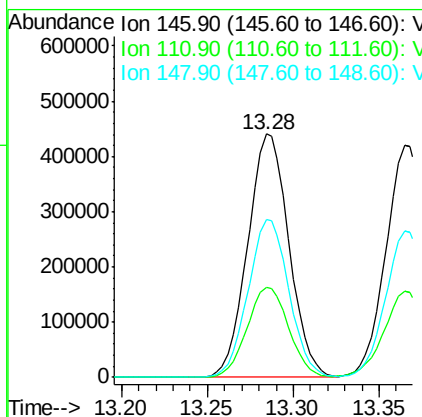
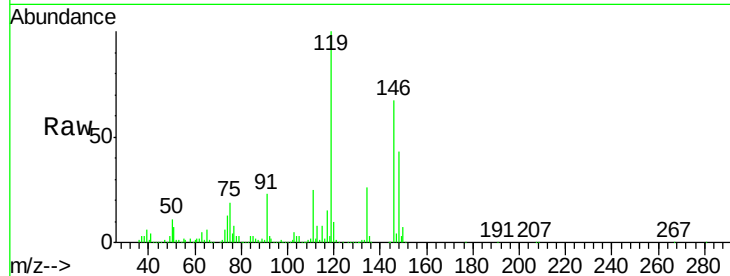




#87
 1,3-Dichlorobenzene
 Concen: 19.11 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

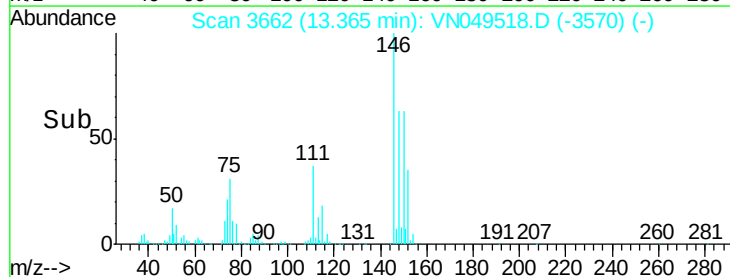
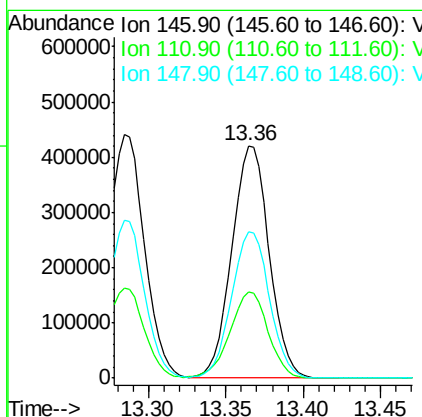
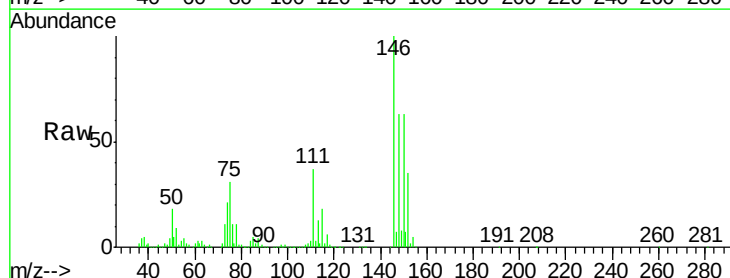
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

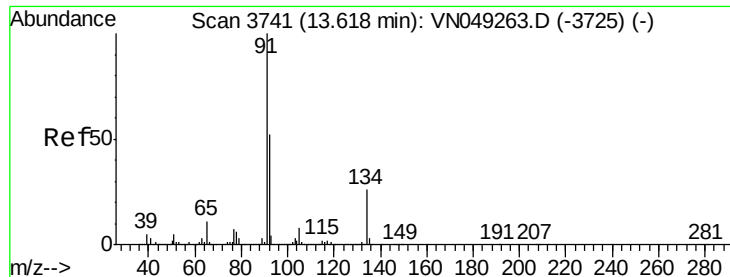
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.9	59.6
148	64.3	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.52 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.1
148	64.0	32.0	96.2





#89

n-Butylbenzene

Concen: 17.76 ug/l

RT: 13.62 min Scan# 3741

Delta R.T. 0.00 min

Lab File: VN049518.D

Acq: 25 Jun 2018 18:29

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

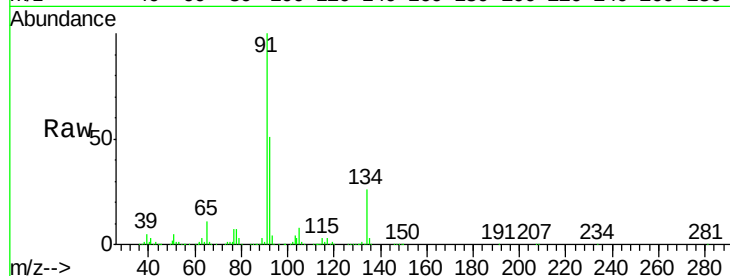
Tot Ion: 91 Resp: 946870

Ion Ratio Lower Upper

91 100

92 51.3 25.1 75.4

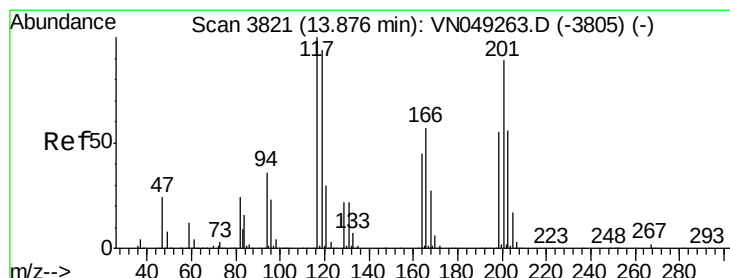
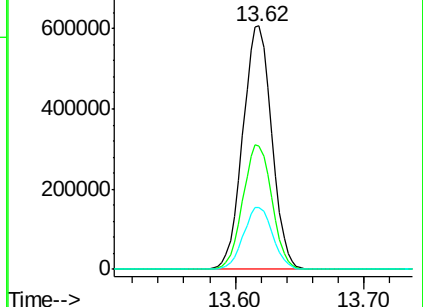
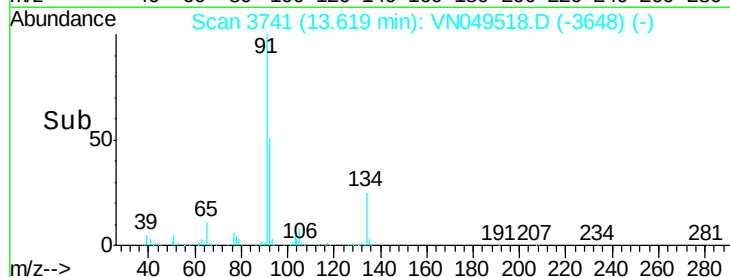
134 25.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN049518.D (-3648) (-)

Ion 92.00 (91.70 to 92.70): VN049518.D (-3648) (-)

Ion 134.00 (133.70 to 134.70): VN049518.D (-3648) (-)



#90

Hexachloroethane

Concen: 20.06 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049518.D

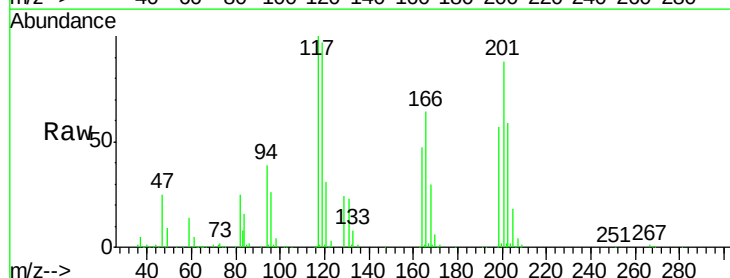
Acq: 25 Jun 2018 18:29

Tgt Ion: 117 Resp: 272292

Ion Ratio Lower Upper

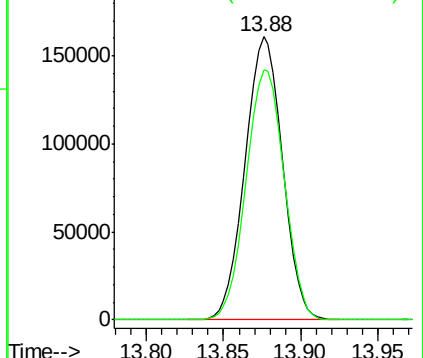
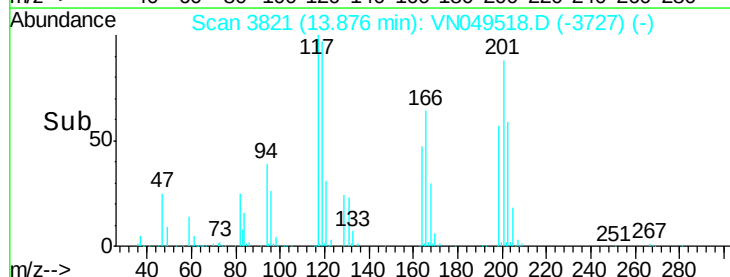
117 100

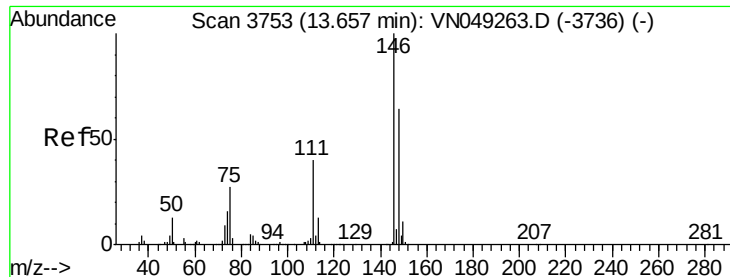
201 89.8 40.1 120.2



Abundance Ion 116.80 (116.50 to 117.50): VN049518.D (-3727) (-)

Ion 200.70 (200.40 to 201.40): VN049518.D (-3727) (-)

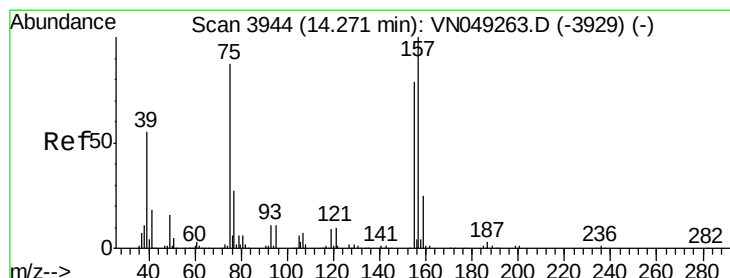
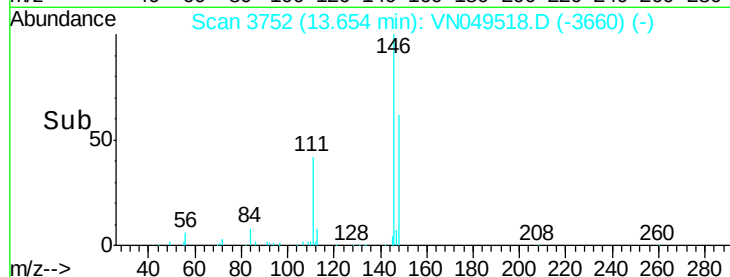
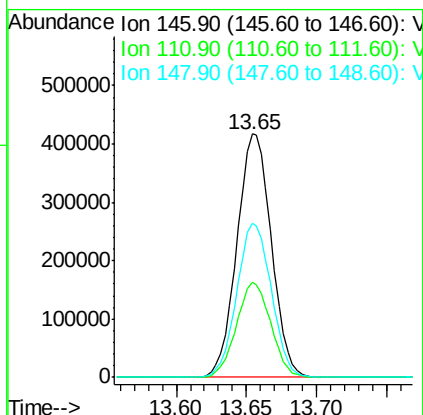
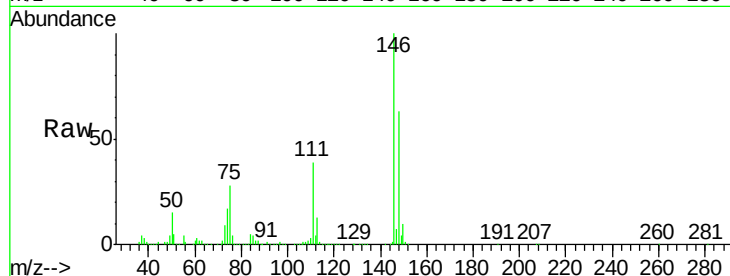




#91
 1,2-Dichlorobenzene
 Concen: 18.99 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

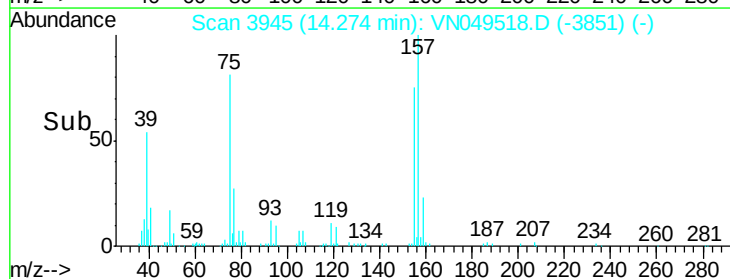
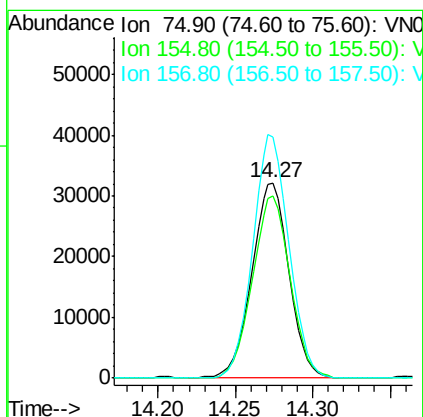
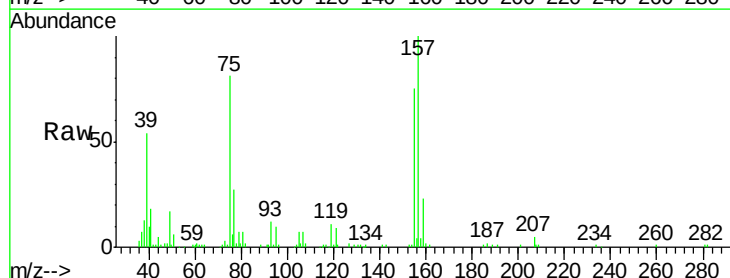
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

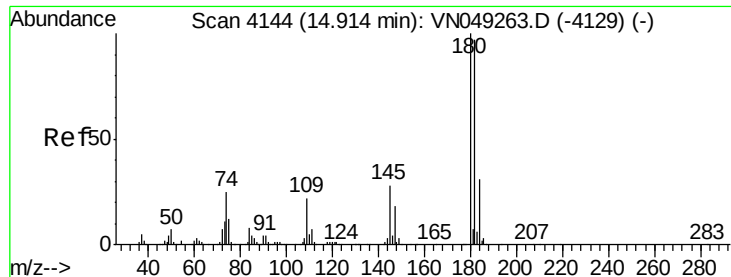
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.8	62.2
148	63.6	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.50 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	38.8	116.3
157	121.3	51.0	153.1

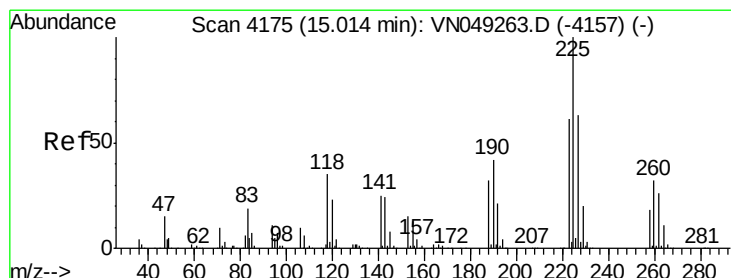
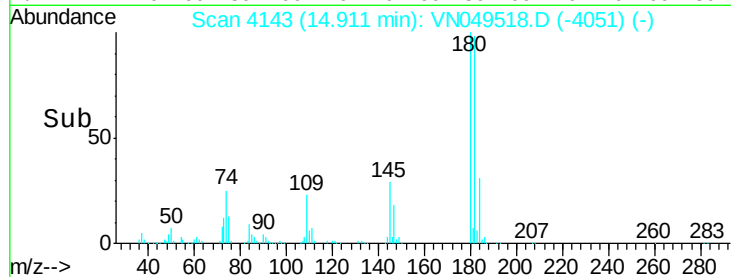
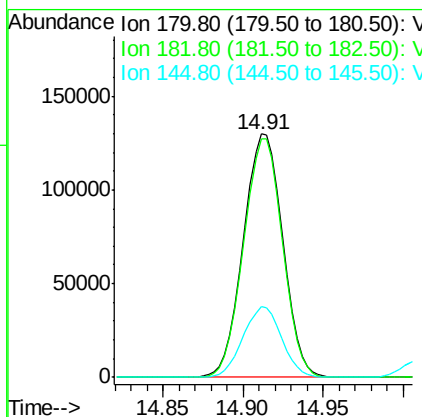
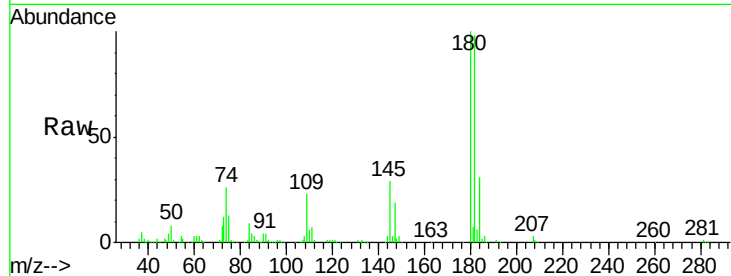




#93
 1,2,4-Trichlorobenzene
 Concen: 16.22 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

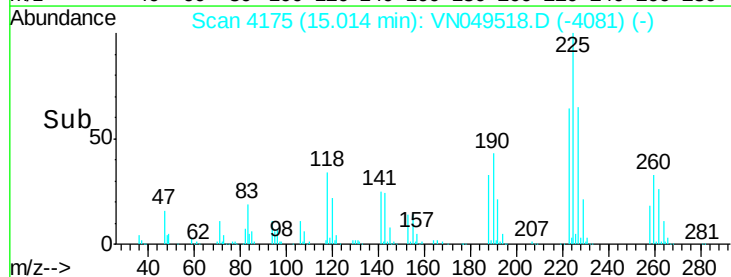
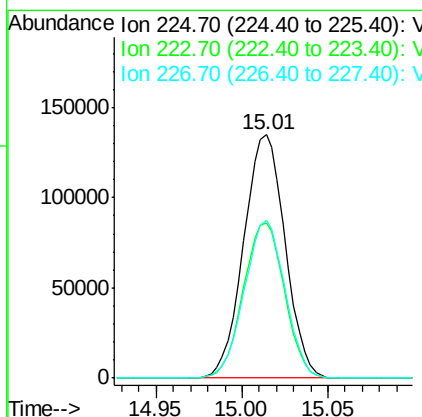
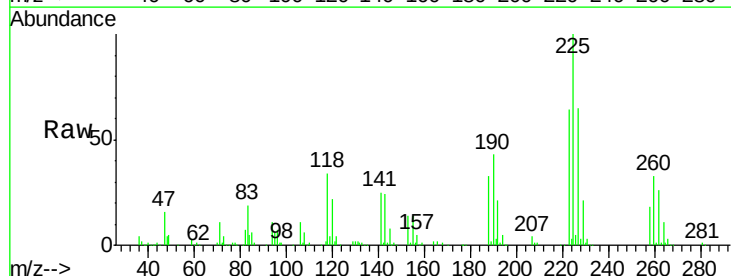
Instrument :
 MSVOA_N
 ClientSampled :
 VN0625WBSD01

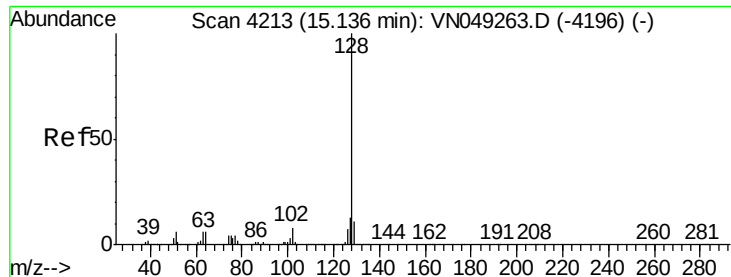
Tot Ion:180 Resp: 218345
 Ion Ratio Lower Upper
 180 100
 182 96.7 46.9 140.8
 145 28.5 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 18.80 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049518.D
 Acq: 25 Jun 2018 18:29

Tgt Ion:225 Resp: 225248
 Ion Ratio Lower Upper
 225 100
 223 63.5 32.1 96.3
 227 63.7 31.8 95.3

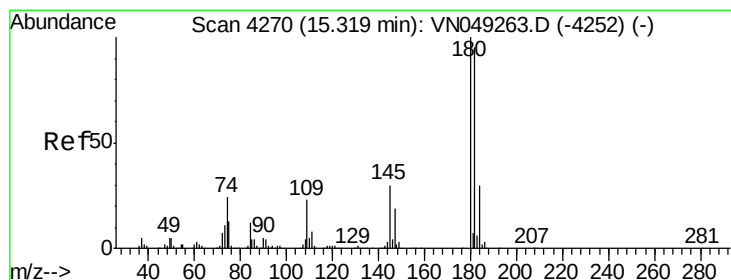
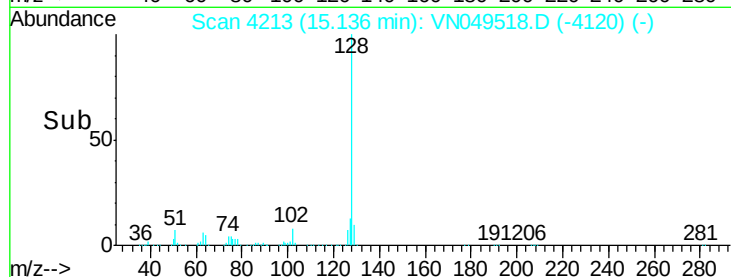
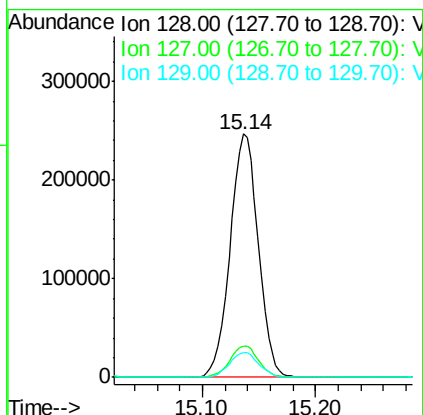
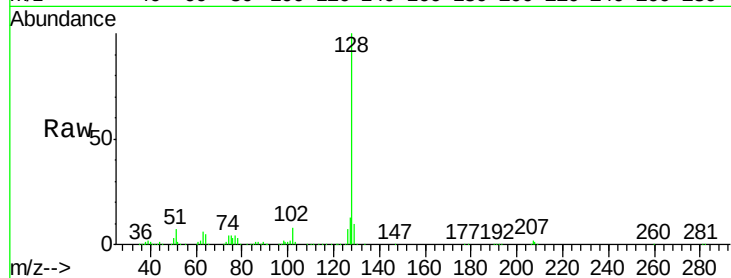




#95
Naphthalene
Concen: 16.77 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049518.D
Acq: 25 Jun 2018 18:29

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion:128 Resp: 426642
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.7 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 16.82 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049518.D
Acq: 25 Jun 2018 18:29

Tgt Ion:180 Resp: 241682
Ion Ratio Lower Upper
180 100
182 96.8 47.3 141.8
145 31.5 15.6 46.7

