

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061618\
 Data File : VN049265.D
 Acq On : 15 Jun 2018 16:10
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 15 16:29:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 15:46:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1611148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2378204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2224691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1191845	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	3059838	117.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	235.24%	
35) Dibromofluoromethane	7.59	113	2771480	140.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	281.60%	
50) Toluene-d8	10.09	98	10921633	142.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.26%	
62) 4-Bromofluorobenzene	12.40	95	3840354	151.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	2462438	106.107	ug/l	100
3) Chloromethane	2.05	50	3081928	129.970	ug/l	98
4) Vinyl Chloride	2.18	62	3380788	139.039	ug/l	99
5) Bromomethane	2.54	94	1907511	130.115	ug/l	98
6) Chloroethane	2.69	64	2052314	124.988	ug/l	99
7) Trichlorofluoromethane	3.01	101	4217325	123.185	ug/l	100
8) Diethyl Ether	3.41	74	1596183	125.550	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	2711120	122.330	ug/l	93
10) Methyl Iodide	3.95	142	3499115	162.380	ug/l	91
11) Tert butyl alcohol	4.80	59	937561	661.158	ug/l	97
12) 1,1-Dichloroethene	3.73	96	2560409	127.235	ug/l	91
13) Acrolein	3.60	56	1073761	556.142	ug/l	99
14) Allyl chloride	4.32	41	4389055	116.141	ug/l	87
15) Acrylonitrile	4.99	53	4690765	614.578	ug/l	98
16) Acetone	3.82	43	3420917	550.325	ug/l	91
17) Carbon Disulfide	4.04	76	7848251	114.323	ug/l	100
18) Methyl Acetate	4.32	43	2155188	82.436	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	7232232	131.902	ug/l	99
20) Methylene Chloride	4.55	84	2888088	114.405	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	2754533	123.474	ug/l	92
22) Diisopropyl ether	5.95	45	8831172	117.076	ug/l	93
24) 1,1-Dichloroethane	5.85	63	5185208	115.352	ug/l	99
25) 2-Butanone	6.84	43	5204428	584.703	ug/l	96
26) 2,2-Dichloropropane	6.82	77	4214355	125.027	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	3163312	130.205	ug/l	92
28) Bromochloromethane	7.19	49	2419934	113.427	ug/l	85
29) Tetrahydrofuran	7.21	42	3400402	593.820	ug/l	94
30) Chloroform	7.37	83	5119438	118.530	ug/l	100
31) Cyclohexane	7.65	56	4746267	105.688	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	4471465	120.197	ug/l	96
36) 1,1-Dichloropropene	7.79	75	4074535	137.129	ug/l	98
37) Ethyl Acetate	6.93	43	2310093	123.157	ug/l #	96
38) Carbon Tetrachloride	7.77	117	4036908	134.860	ug/l	99
39) Methylcyclohexane	9.08	83	4571870	148.951	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.04	78	12018499	133.505	ug/l	98
41) Methacrylonitrile	7.17	41	1385864	130.596	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	3655725	123.048	ug/l	96
43) Isopropyl Acetate	8.17	43	4284691	124.238	ug/l #	93
44) Trichloroethene	8.84	130	3197276	142.234	ug/l	94
45) 1,2-Dichloropropane	9.12	63	3144411	126.992	ug/l	100
46) Dibromomethane	9.21	93	1818644	132.946	ug/l	92
47) Bromodichloromethane	9.40	83	4047621	131.368	ug/l	97
48) Methyl methacrylate	9.20	41	2167514	128.624	ug/l	86
49) 1,4-Dioxane	9.20	88	580966	2919.380	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	11584960	630.751	ug/l	93
52) Toluene	10.16	92	7488995	142.981	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	4348076	148.432	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	4937653	145.456	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	2620275	136.317	ug/l	97
56) Ethyl methacrylate	10.43	69	3577382	154.380	ug/l #	85
57) 1,3-Dichloropropane	10.71	76	4528361	137.377	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	5881900	783.437	ug/l	95
59) 2-Hexanone	10.75	43	7663876	669.650	ug/l	91
60) Dibromochloromethane	10.90	129	3100964	145.470	ug/l	99
61) 1,2-Dibromoethane	11.01	107	2593805	145.903	ug/l	100
64) Tetrachloroethene	10.63	164	3039041	136.343	ug/l	98
65) Chlorobenzene	11.44	112	8308693	144.773	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	3056330	140.006	ug/l	99
67) Ethyl Benzene	11.51	91	14479963	146.250	ug/l	96
68) m/p-Xylenes	11.62	106	11133280	307.499	ug/l #	1
69) o-Xylene	11.95	106	5372541	154.082	ug/l	96
70) Styrene	11.97	104	8955383	162.228	ug/l	97
71) Bromoform	12.13	173	2139619	156.818	ug/l #	99
73) Isopropylbenzene	12.25	105	14136580	123.489	ug/l	97
74) N-amyl acetate	12.07	43	3824586	117.282	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	3114886	106.616	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	4012310	172.546	ug/l #	100
77) Bromobenzene	12.53	156	3577483	127.331	ug/l	91
78) n-propylbenzene	12.59	91	15420536	121.259	ug/l	95
79) 2-Chlorotoluene	12.68	91	9802203	122.219	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	11764796	134.035	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	937250	131.386	ug/l	87
82) 4-Chlorotoluene	12.78	91	9971111	131.070	ug/l	97
83) tert-Butylbenzene	12.99	119	10036500	132.738	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	11997237	137.515	ug/l	98
85) sec-Butylbenzene	13.17	105	13539429	134.316	ug/l	98
86) p-Isopropyltoluene	13.29	119	11981570	146.760	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	6441805	143.839	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	6263784	142.005	ug/l	99
89) n-Butylbenzene	13.62	91	10145969	160.981	ug/l	96
90) Hexachloroethane	13.88	117	2233292	116.059	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	6038424	137.063	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	493421	123.916	ug/l	86
93) 1,2,4-Trichlorobenzene	14.91	180	3339523	206.635	ug/l	99

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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 15 15:46:14 2018
Response via : Initial Calibration

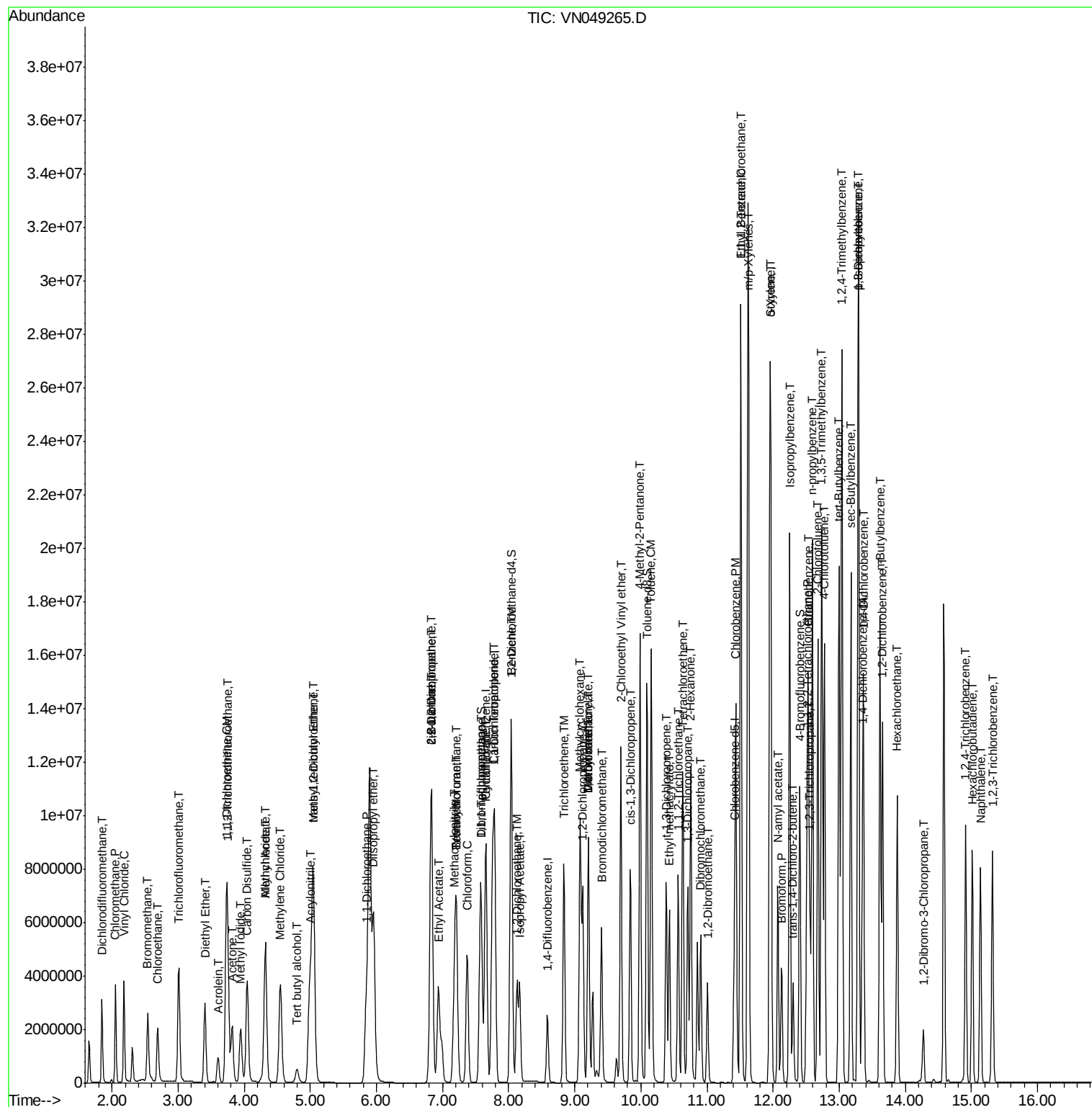
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	1870670	140.413	ug/l	98
95) Naphthalene	15.14	128	7029196	199.701	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	3182968	182.948	ug/l	99

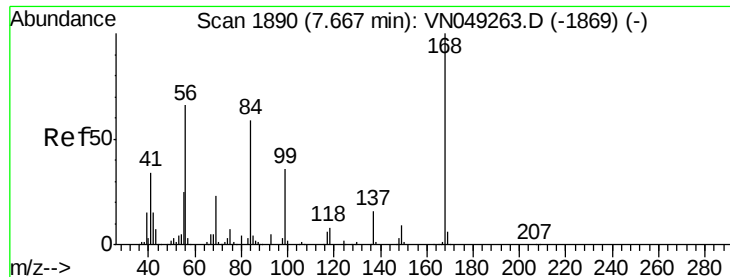
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN061618\
 Data File : VN049265.D
 Acq On : 15 Jun 2018 16:10
 Operator : MD\SY
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: Jun 15 16:29:55 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

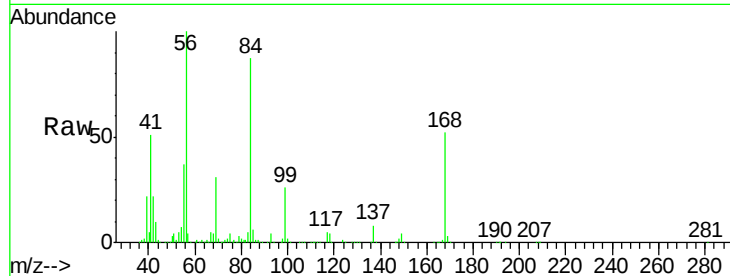
VSTDIC150

Tgt Ion:168 Resp: 1611148

Ion Ratio Lower Upper

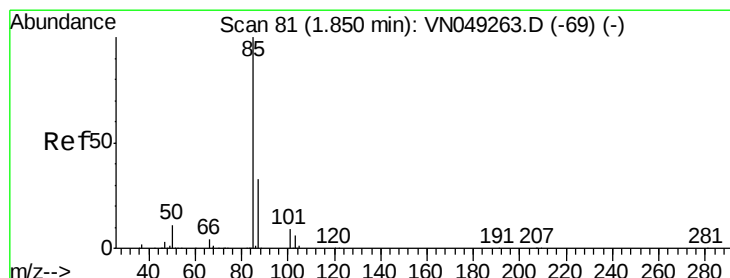
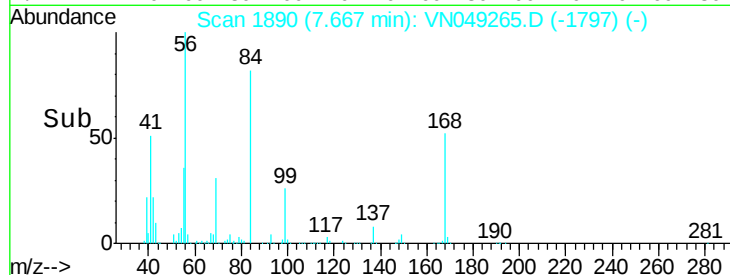
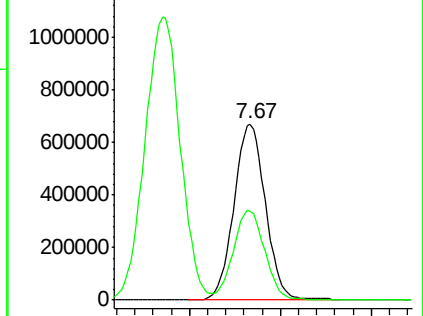
168 100

99 50.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 106.107 ug/l

RT: 1.85 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN049265.D

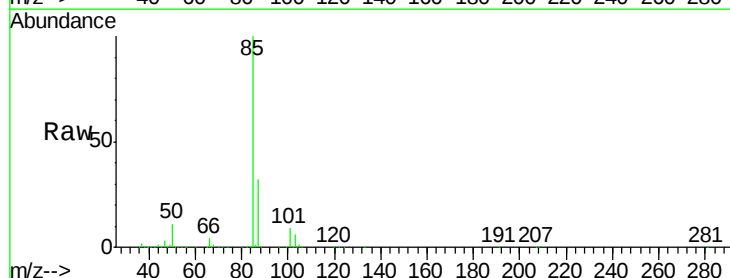
Acq: 15 Jun 2018 16:10

Tgt Ion: 85 Resp: 2462438

Ion Ratio Lower Upper

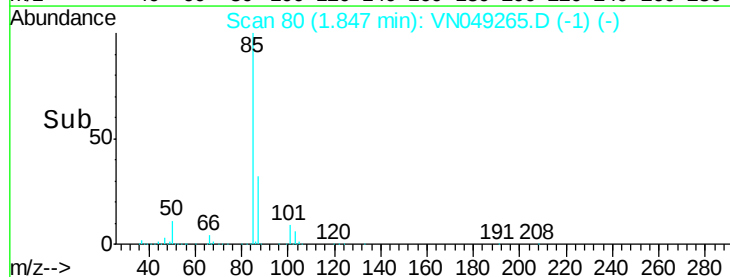
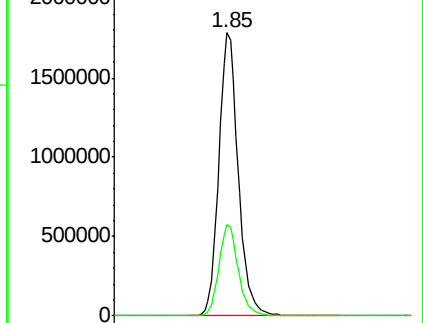
85 100

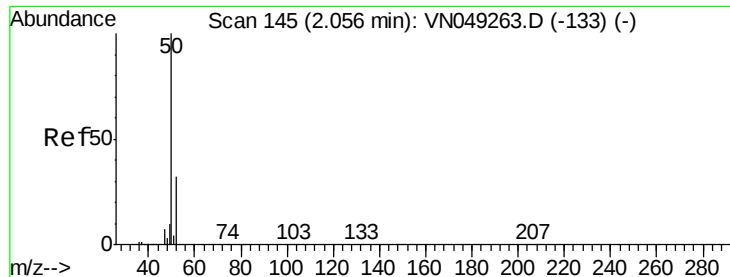
87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 129.970 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

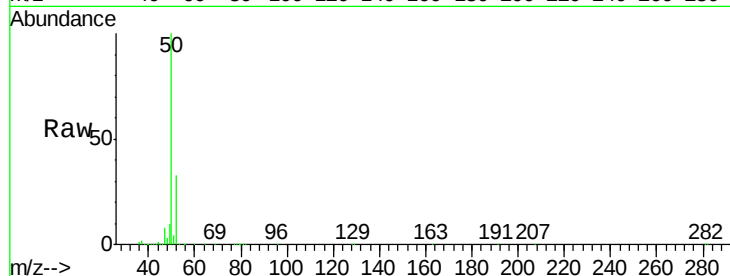
VSTDIC150

Tgt Ion: 50 Resp: 3081928

Ion Ratio Lower Upper

50 100

52 32.7 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN049263.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN049263.D (-133) (-)

2.05

2500000

2000000

1500000

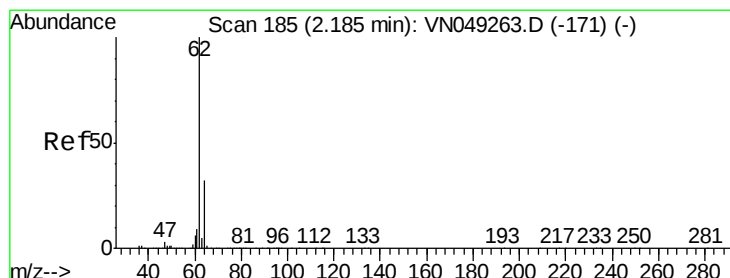
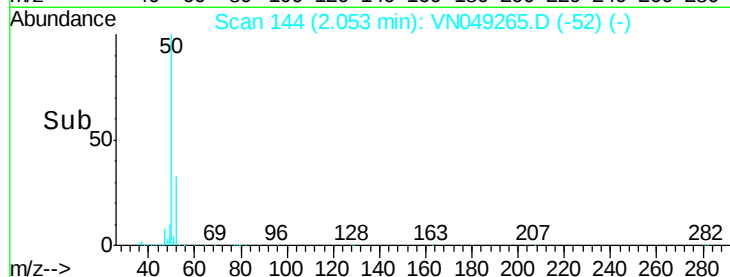
1000000

500000

0

Time-->

1.95 2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 139.039 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049265.D

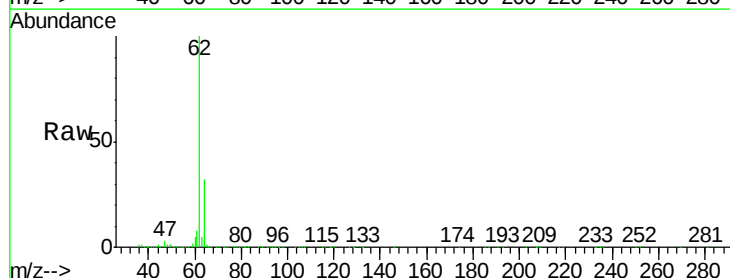
Acq: 15 Jun 2018 16:10

Tgt Ion: 62 Resp: 3380788

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN049263.D (-171) (-)

Ion 63.90 (63.60 to 64.60): VN049263.D (-171) (-)

2.18

2500000

2000000

1500000

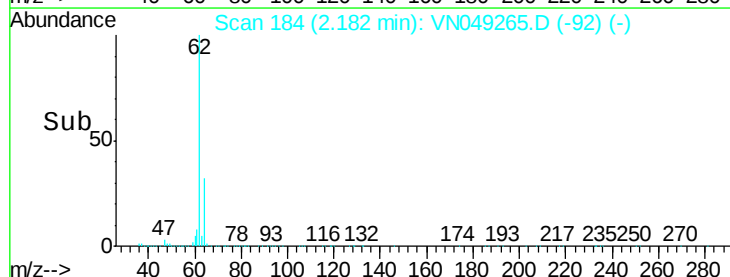
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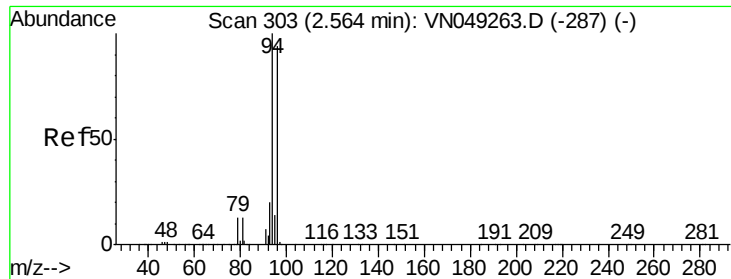
500000

0

Time-->

2.10 2.20 2.30





#5

Bromomethane

Concen: 130.115 ug/l

RT: 2.54 min Scan# 296

Delta R.T. -0.02 min

Lab File: VN049265.D

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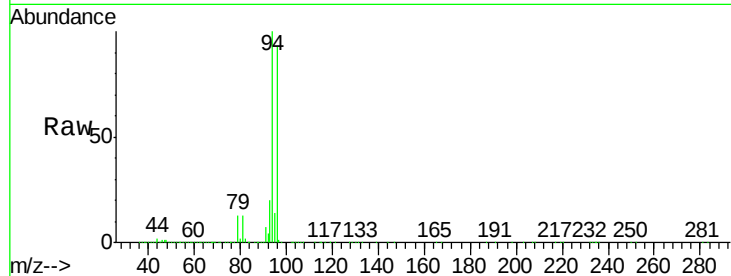
VSTDIC150

Tgt Ion: 94 Resp: 1907511

Ion Ratio Lower Upper

94 100

96 93.2 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN049263.D (-287) (-)

Ion 95.90 (95.60 to 96.60): VN049263.D (-287) (-)

2.54

1000000

800000

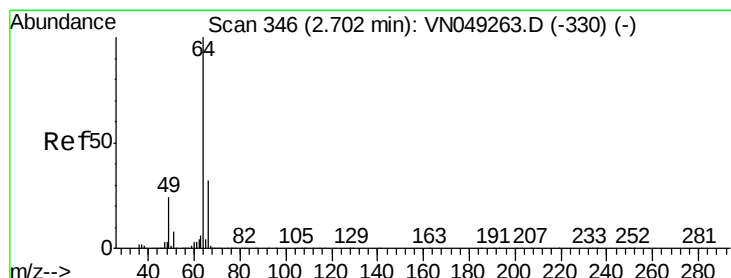
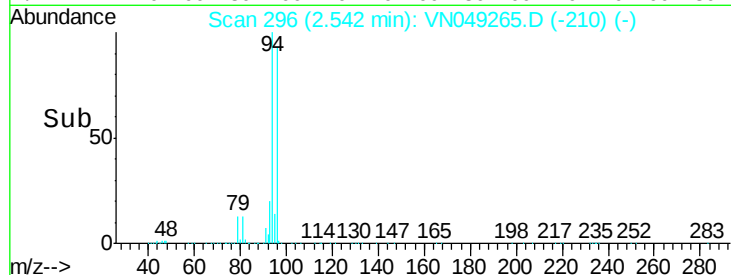
600000

400000

200000

0

Time-->



#6

Chloroethane

Concen: 124.988 ug/l

RT: 2.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VN049265.D

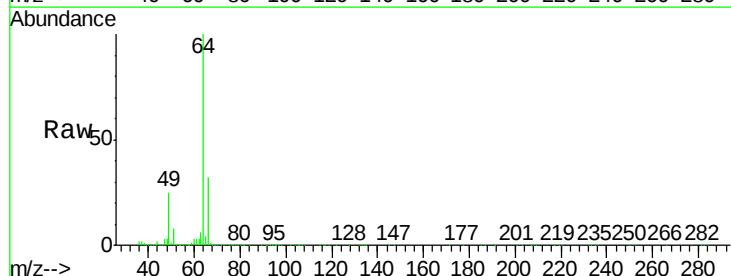
Acq: 15 Jun 2018 16:10

Tgt Ion: 64 Resp: 2052314

Ion Ratio Lower Upper

64 100

66 31.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN049263.D (-330) (-)

Ion 65.90 (65.60 to 66.60): VN049263.D (-330) (-)

2.69

1200000

1000000

800000

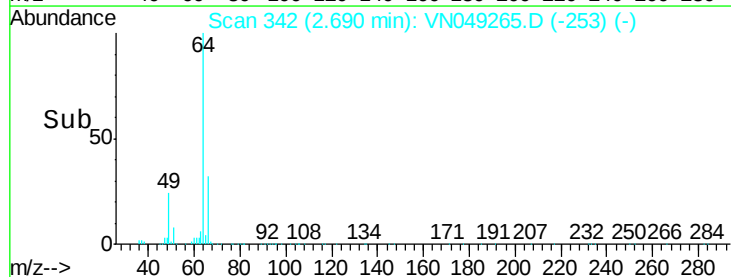
600000

400000

200000

0

Time-->



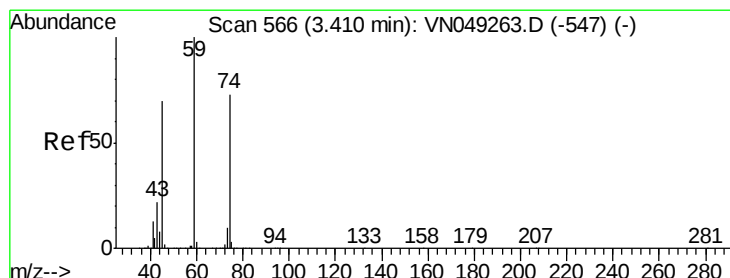
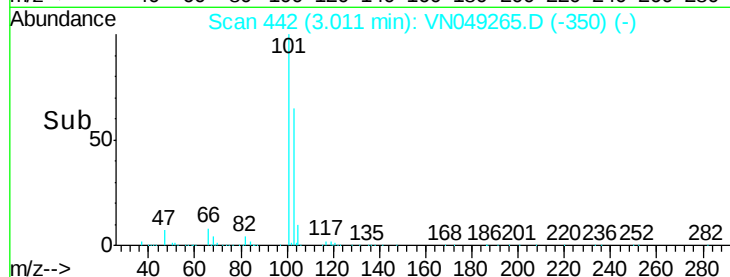
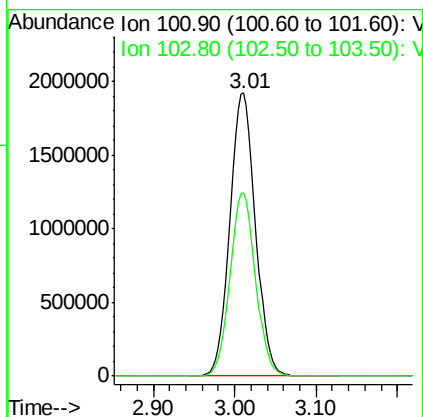
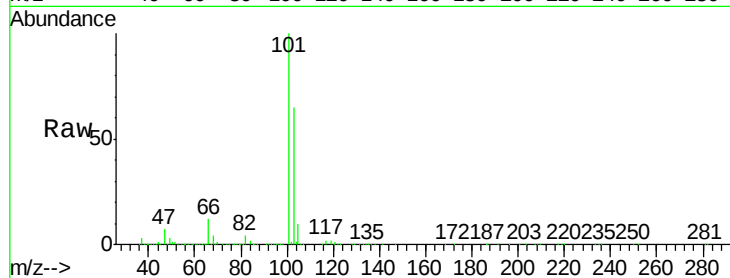


#7

Trichlorofluoromethane
Concen: 123.185 ug/l
RT: 3.01 min Scan# 442
Delta R.T. -0.00 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

Instrument :
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VSTDIC150

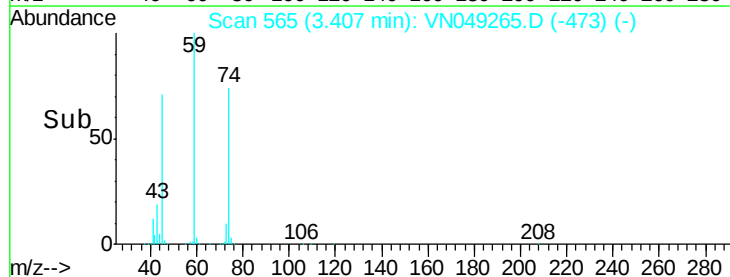
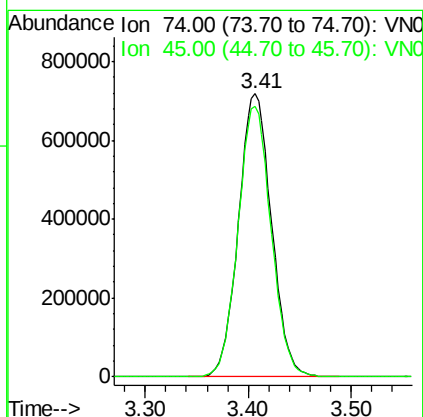
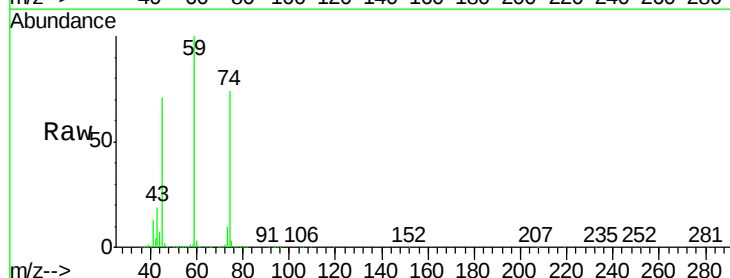
Tgt Ion: 101 Resp: 4217325
Ion Ratio Lower Upper
101 100
103 65.0 51.7 77.5



#8

Diethyl Ether
Concen: 125.550 ug/l
RT: 3.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

Tgt Ion: 74 Resp: 1596183
Ion Ratio Lower Upper
74 100
45 95.6 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 122.330 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

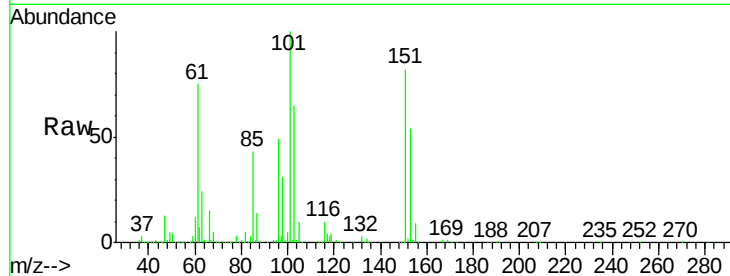
Tgt Ion:101 Resp: 2711120

Ion Ratio Lower Upper

101 100

85 42.2 37.6 56.4

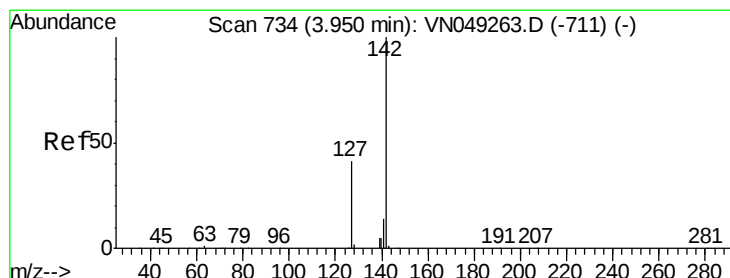
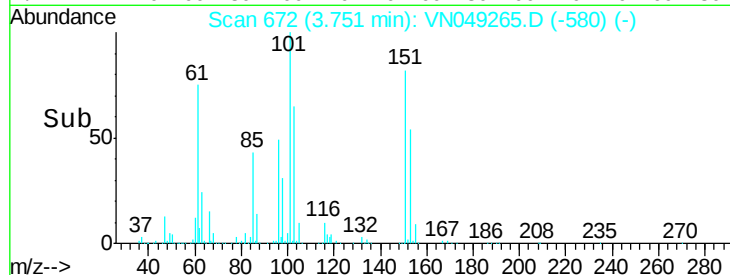
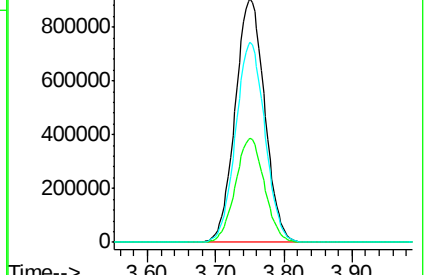
151 81.8 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 162.380 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

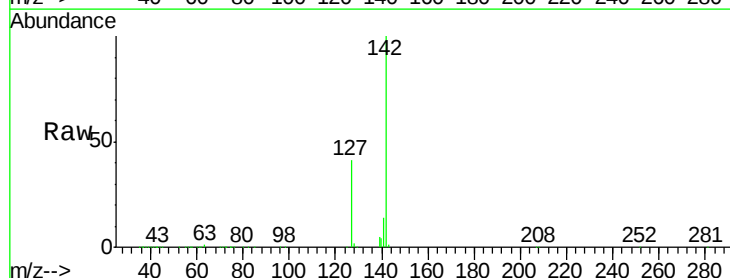
Tgt Ion:142 Resp: 3499115

Ion Ratio Lower Upper

142 100

127 40.2 38.2 57.4

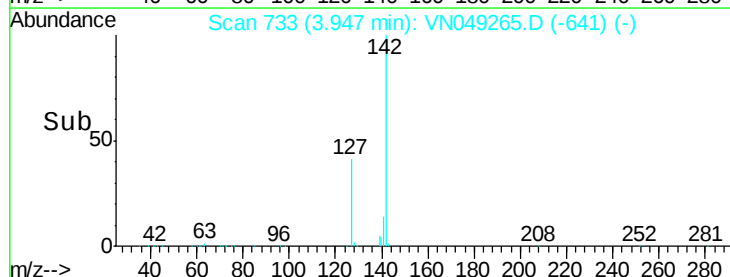
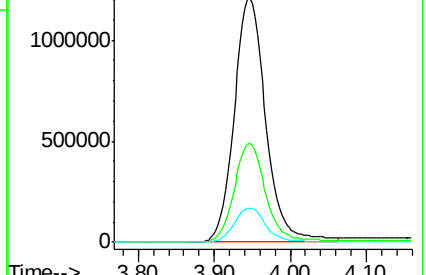
141 14.1 11.9 17.9

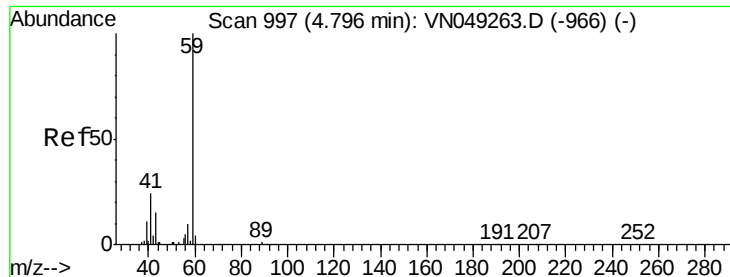


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



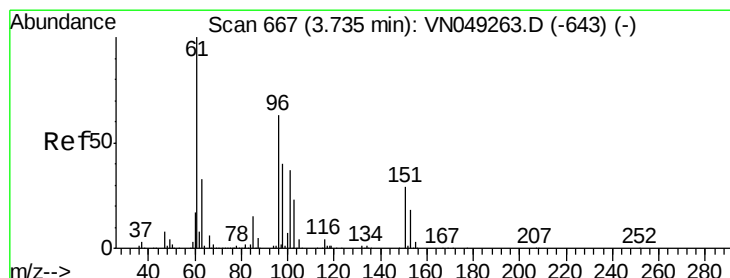
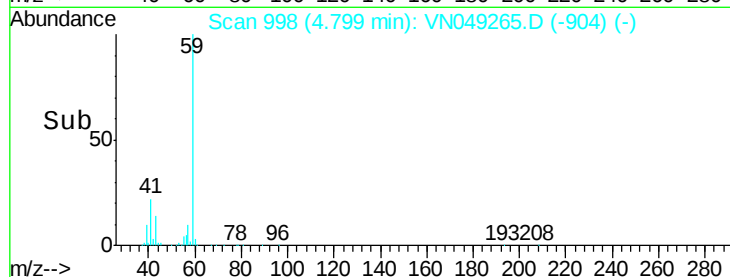
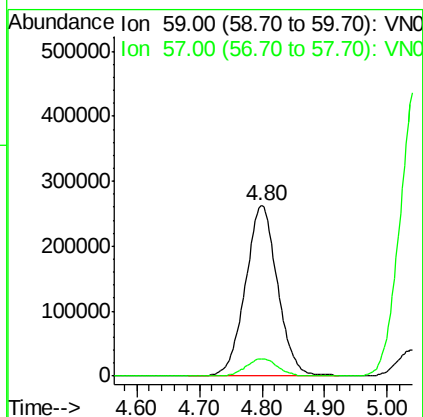
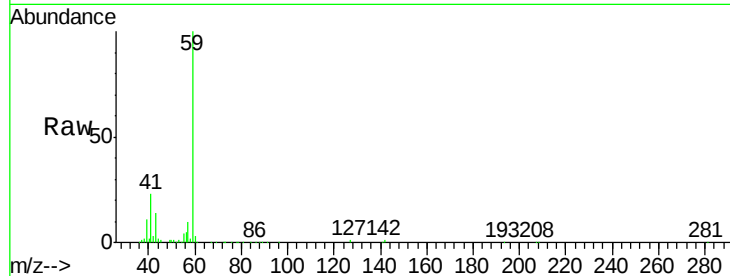


#11

Tert butyl alcohol
 Concen: 661.158 ug/l
 RT: 4.80 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: VN049265.D
 Acq: 15 Jun 2018 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

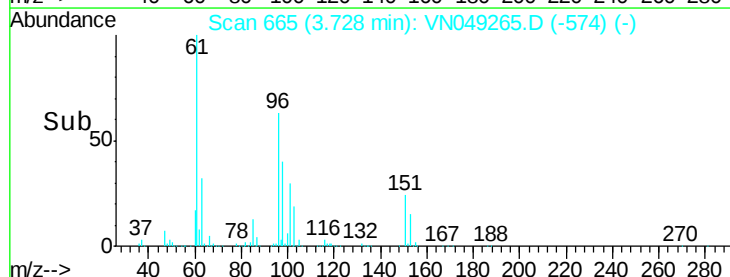
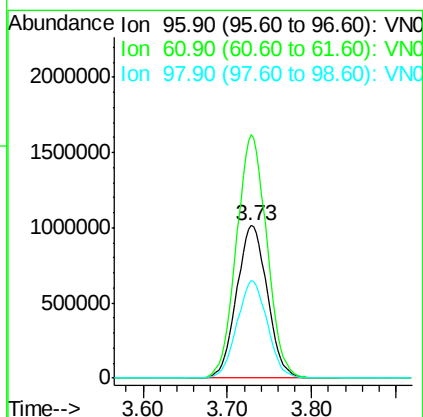
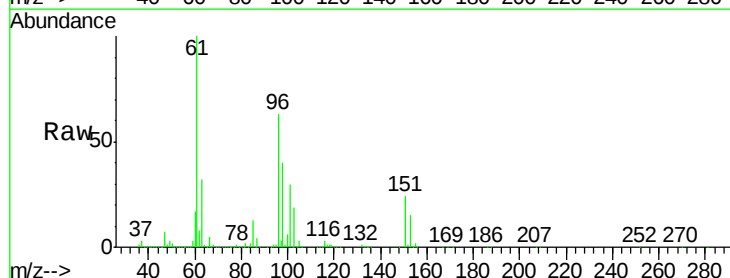
Tgt Ion: 59 Resp: 937561
 Ion Ratio Lower Upper
 59 100
 57 10.2 9.0 13.6

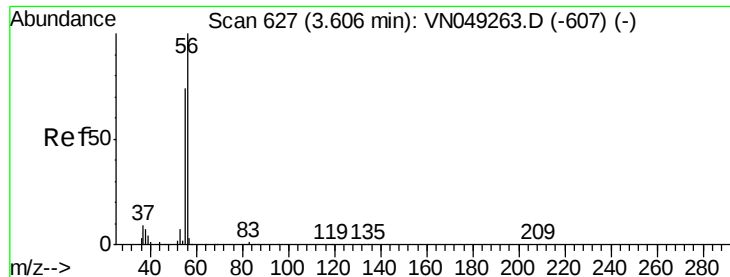


#12

1,1-Dichloroethene
 Concen: 127.235 ug/l
 RT: 3.73 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: VN049265.D
 Acq: 15 Jun 2018 16:10

Tgt Ion: 96 Resp: 2560409
 Ion Ratio Lower Upper
 96 100
 61 159.6 141.0 211.4
 98 63.9 50.4 75.6





#13

Acrolein

Concen: 556.142 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

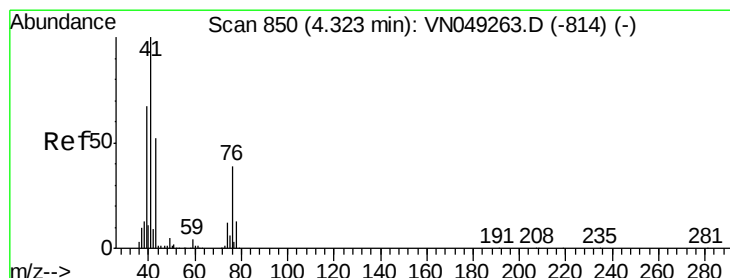
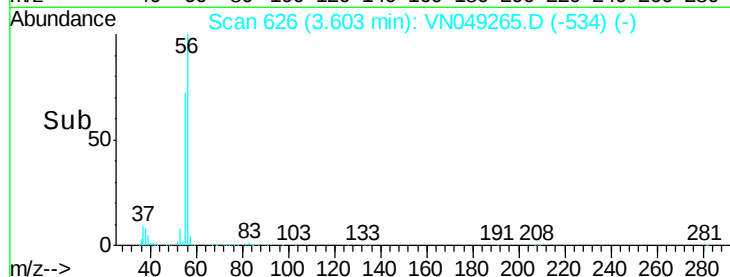
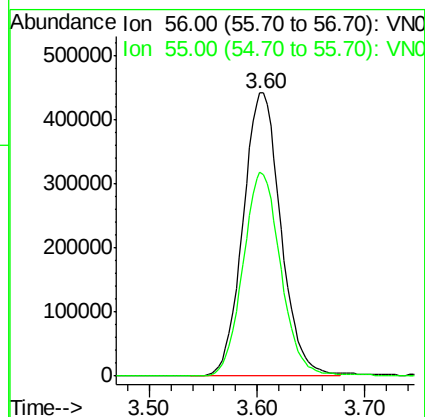
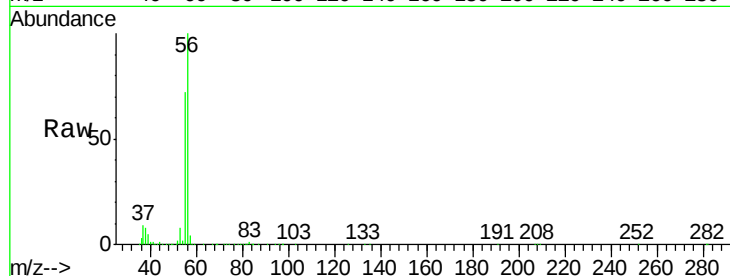
VSTDIC150

Tgt Ion: 56 Resp: 1073761

Ion Ratio Lower Upper

56 100

55 71.8 57.1 85.7



#14

Allyl chloride

Concen: 116.141 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

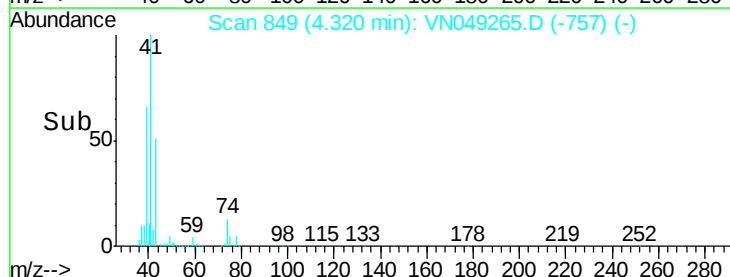
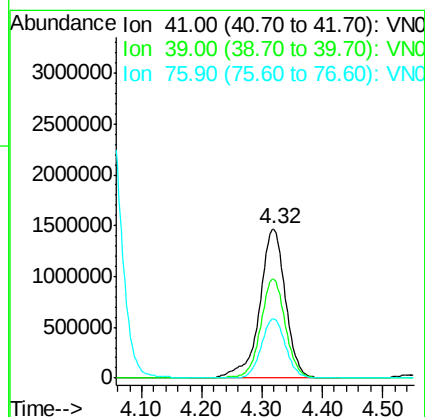
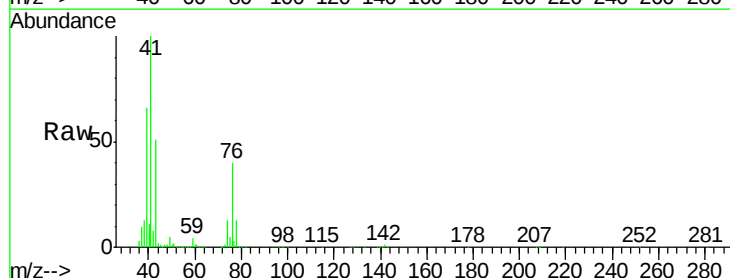
Tgt Ion: 41 Resp: 4389055

Ion Ratio Lower Upper

41 100

39 63.6 62.5 93.7

76 37.3 27.1 40.7



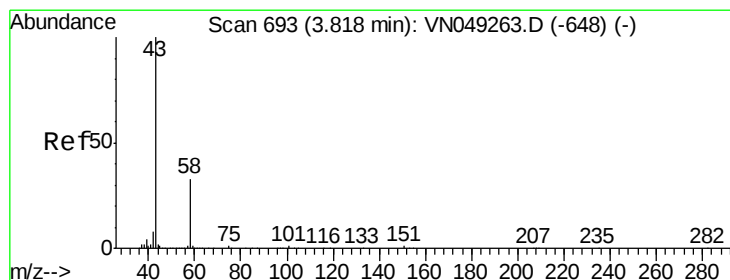
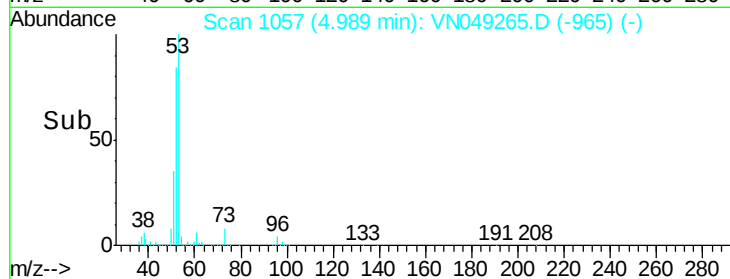
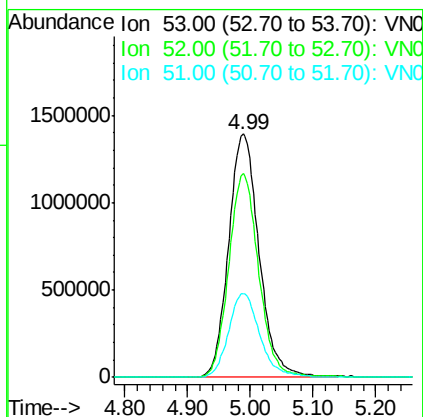
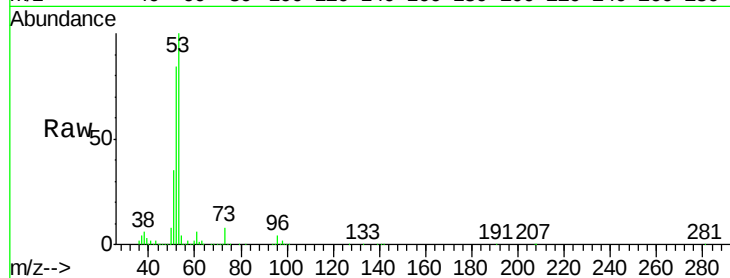


#15
 Acrylonitrile
 Concen: 614.578 ug/l
 RT: 4.99 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: VN049265.D
 Acq: 15 Jun 2018 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 53 Resp: 4690765

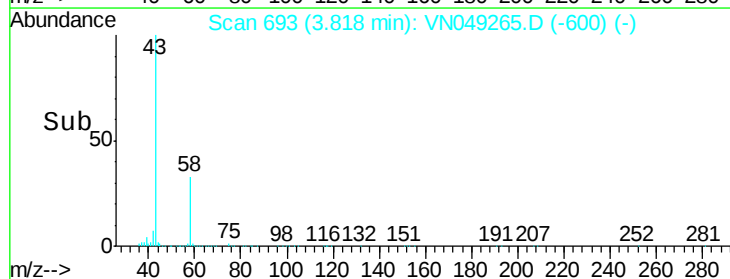
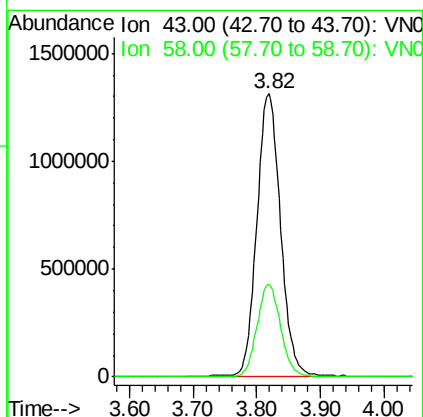
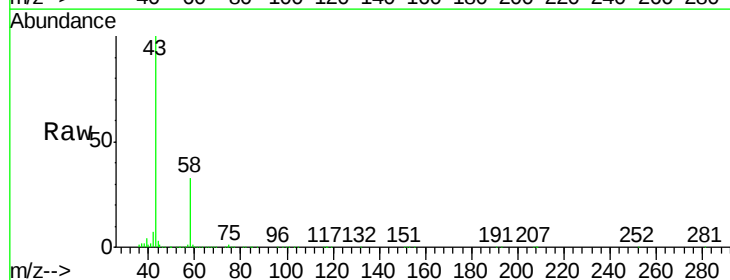
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.6	100.0
51	35.5	29.8	44.8

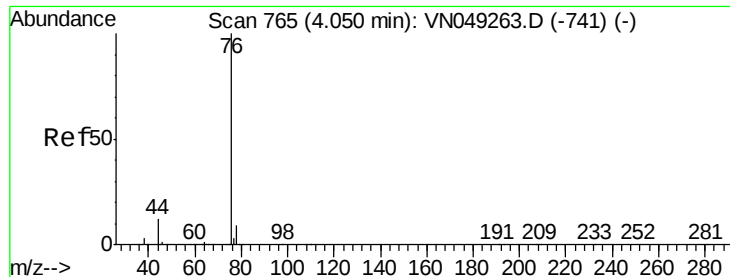


#16
 Acetone
 Concen: 550.325 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VN049265.D
 Acq: 15 Jun 2018 16:10

Tgt Ion: 43 Resp: 3420917

Ion	Ratio	Lower	Upper
43	100		
58	32.8	22.4	33.6

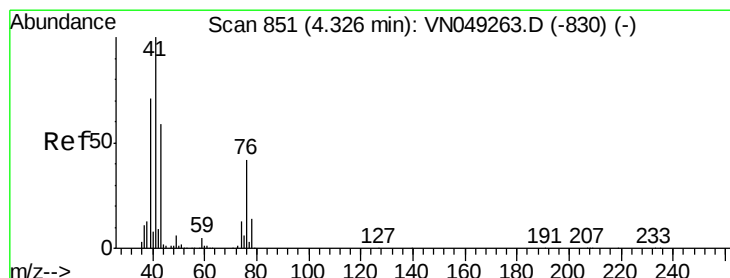
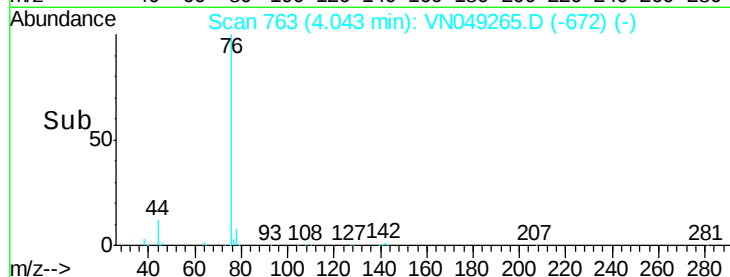
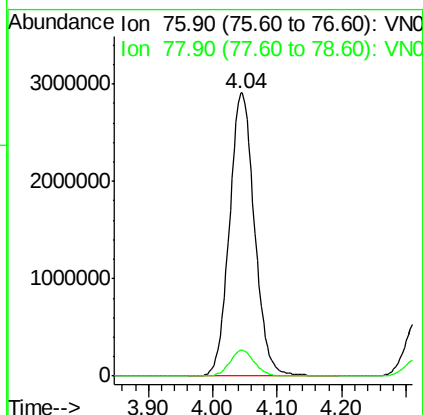
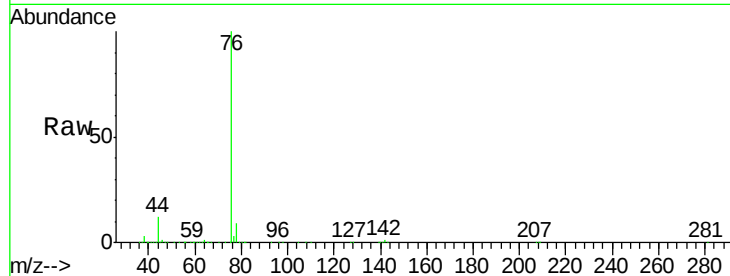




#17
Carbon Disulfide
Concen: 114.323 ug/l
RT: 4.04 min Scan# 763
Delta R.T. -0.01 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

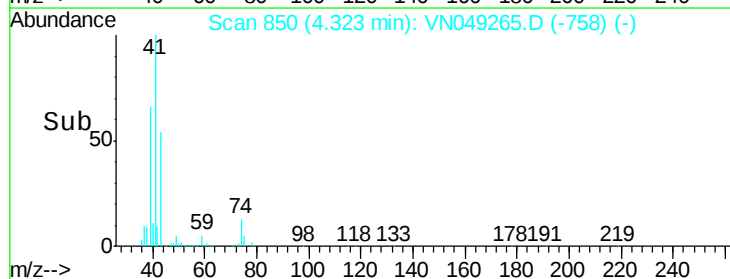
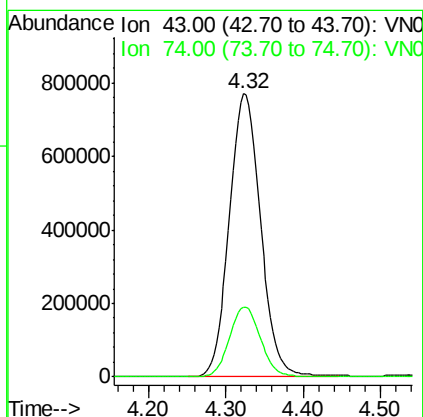
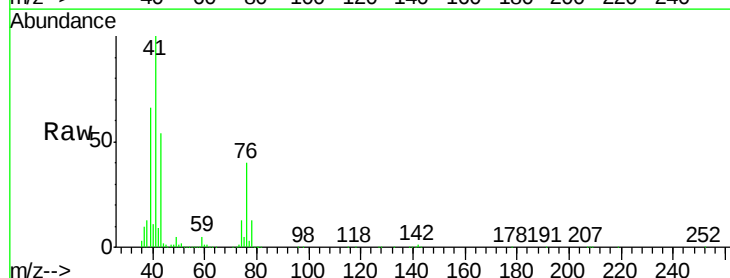
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

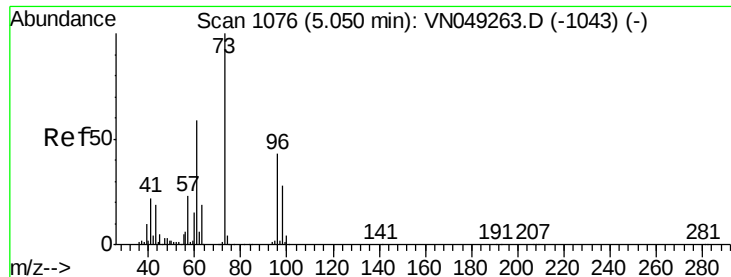
Tgt Ion: 76 Resp: 7848251
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 82.436 ug/l
RT: 4.32 min Scan# 850
Delta R.T. -0.00 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

Tgt Ion: 43 Resp: 2155188
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0



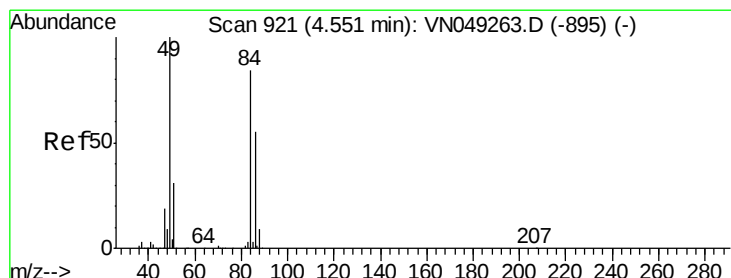
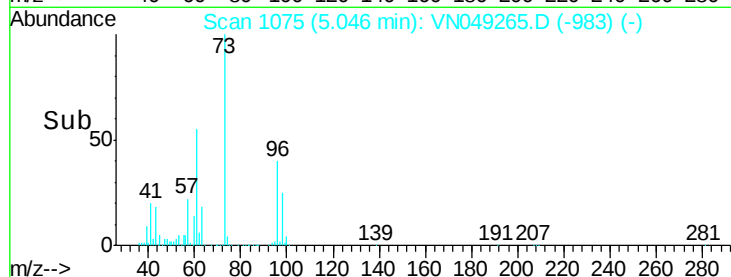
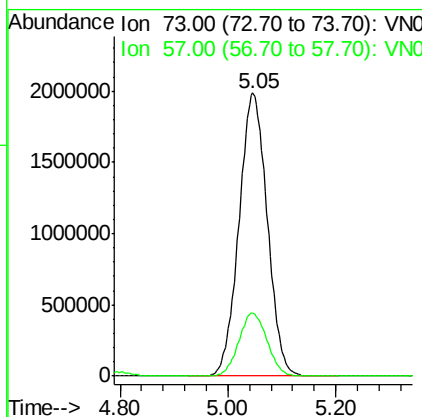
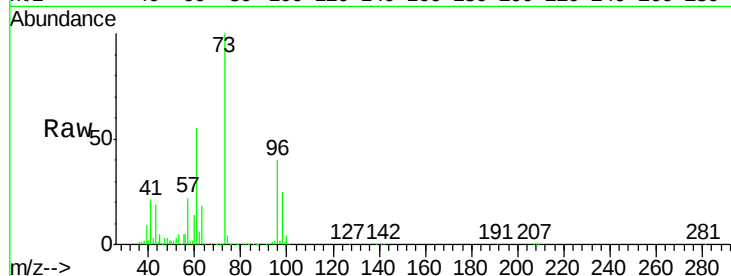


#19

Methyl tert-butyl Ether
Concen: 131.902 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

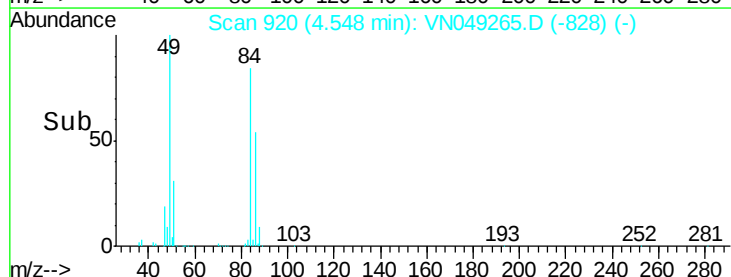
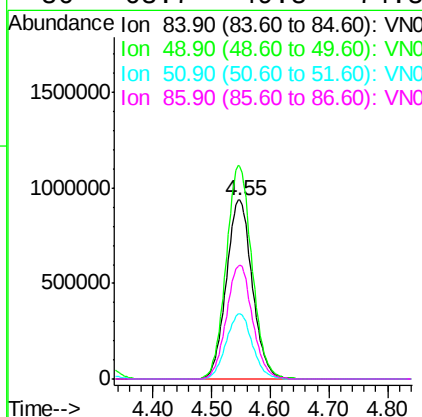
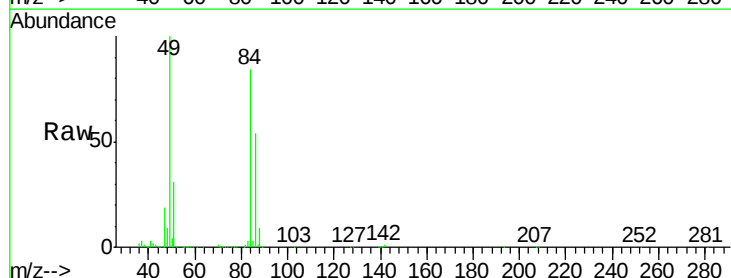
Tgt Ion: 73 Resp: 7232232
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.4



#20

Methylene Chloride
Concen: 114.405 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

Tgt Ion: 84 Resp: 2888088
Ion Ratio Lower Upper
84 100
49 118.5 106.9 160.3
51 36.8 32.7 49.1
86 63.7 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 123.474 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

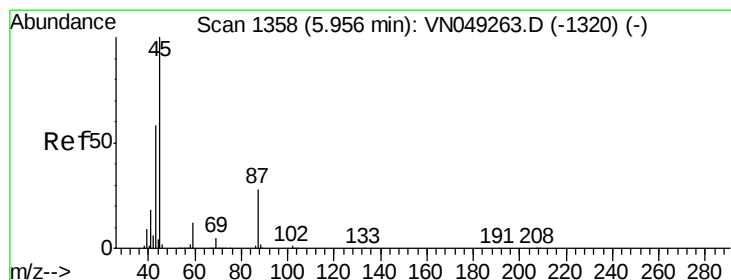
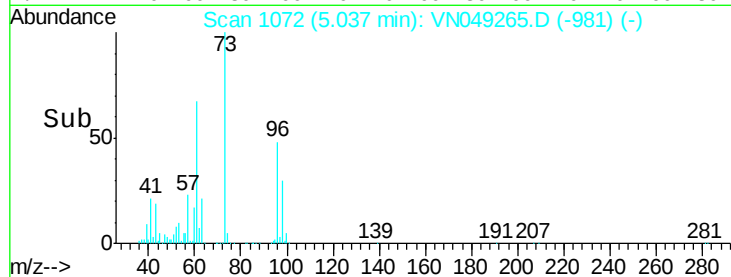
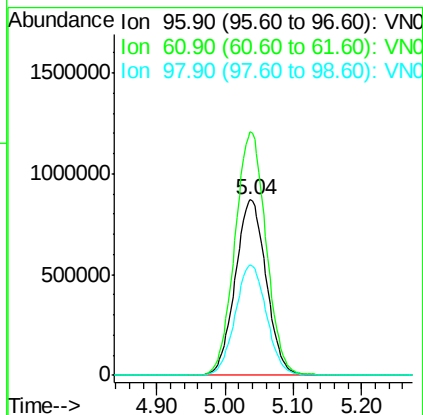
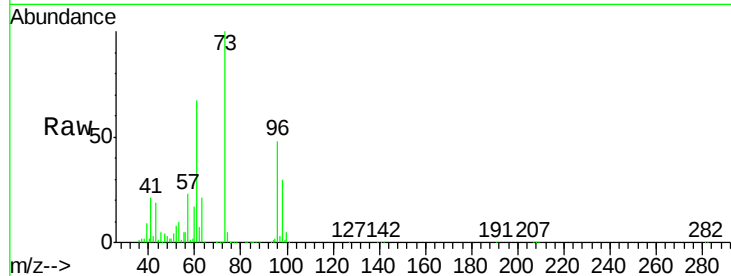
Tgt Ion: 96 Resp: 2754533

Ion Ratio Lower Upper

96 100

61 138.6 121.3 181.9

98 63.0 52.0 78.0



#22

Diisopropyl ether

Concen: 117.076 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Tgt Ion: 45 Resp: 8831172

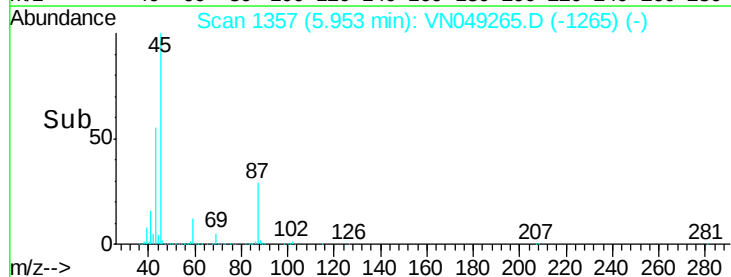
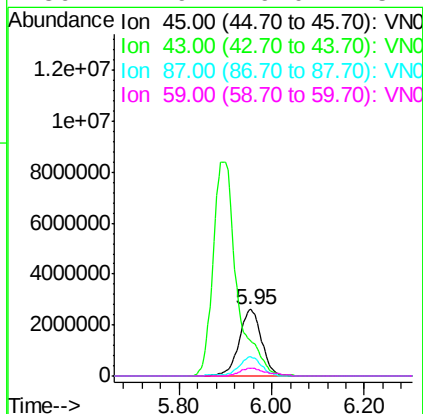
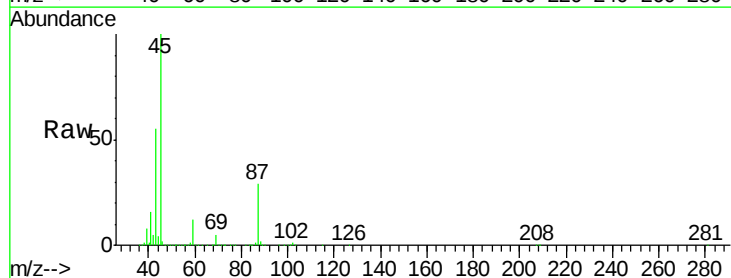
Ion Ratio Lower Upper

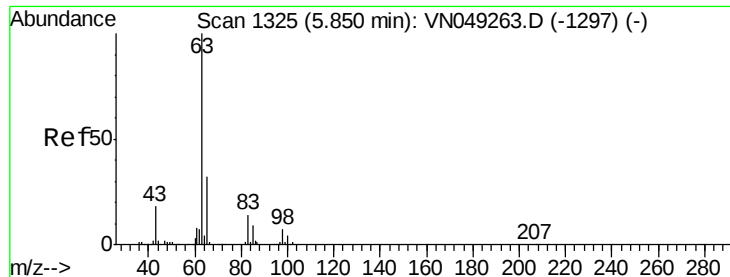
45 100

43 54.7 48.6 72.8

87 28.4 20.2 30.2

59 11.9 9.0 13.4





#24

1,1-Dichloroethane

Concen: 115.352 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

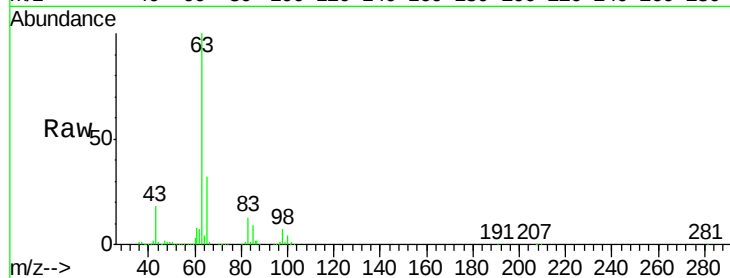
Tgt Ion: 63 Resp: 5185208

Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.8

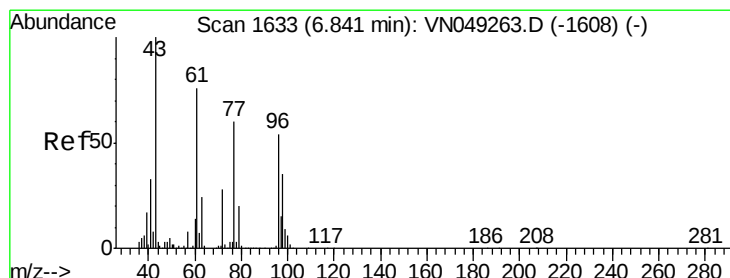
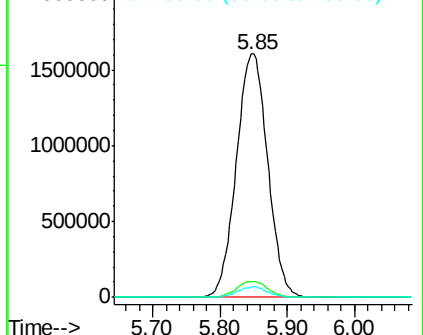
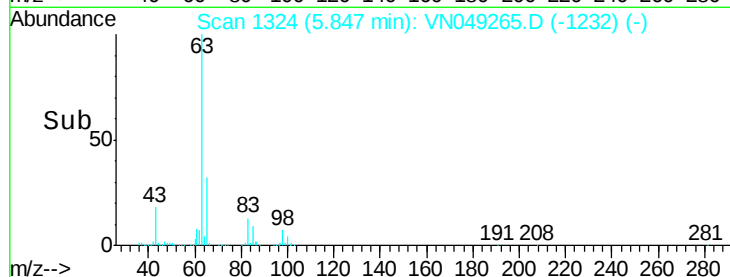
100 4.1 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN049265.D (-1232) (-)

Ion 97.90 (97.60 to 98.60): VN049265.D (-1232) (-)

Ion 99.90 (99.60 to 100.60): VN049265.D (-1232) (-)



#25

2-Butanone

Concen: 584.703 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049265.D

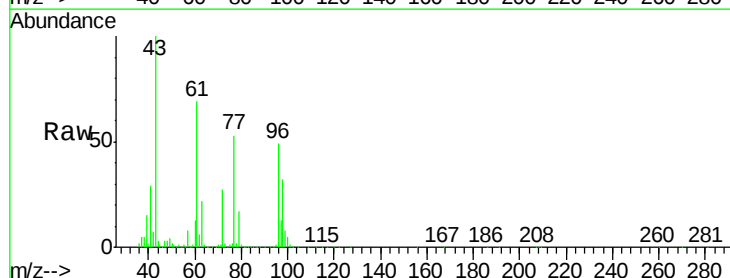
Acq: 15 Jun 2018 16:10

Tgt Ion: 43 Resp: 5204428

Ion Ratio Lower Upper

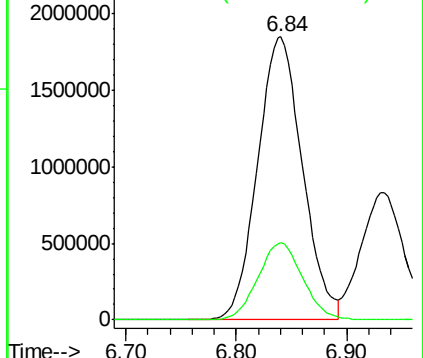
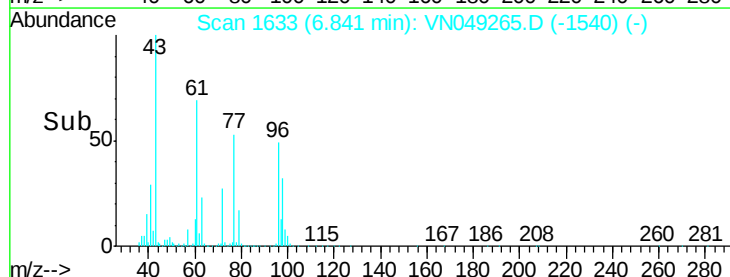
43 100

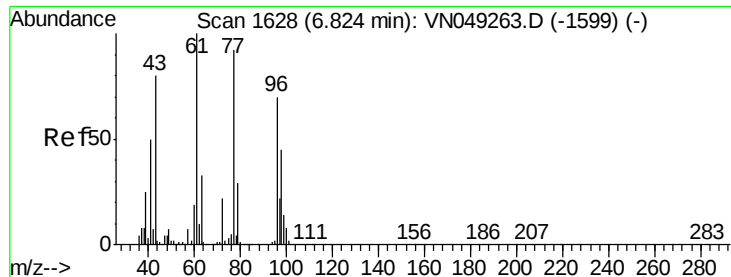
72 27.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN049265.D (-1540) (-)

Ion 72.00 (71.70 to 72.70): VN049265.D (-1540) (-)





#26

2,2-Dichloropropane

Concen: 125.027 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

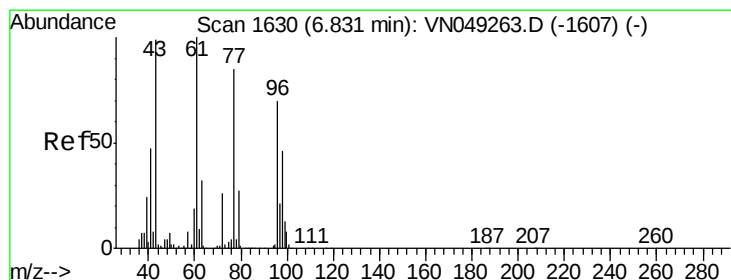
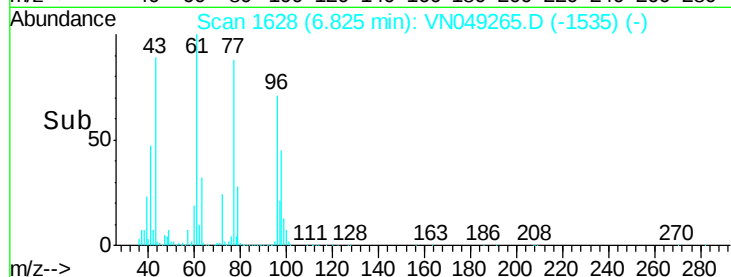
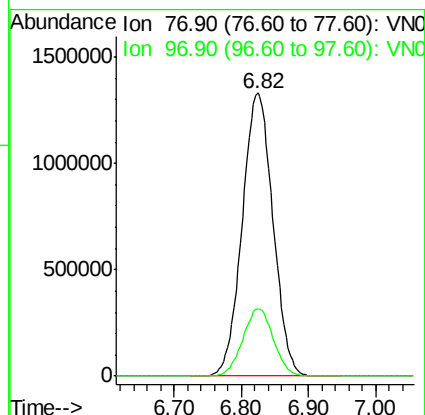
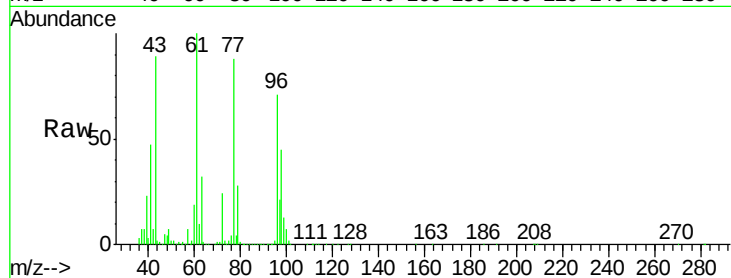
VSTDIC150

Tgt Ion: 77 Resp: 4214355

Ion Ratio Lower Upper

77 100

97 23.7 11.0 33.0



#27

cis-1,2-Dichloroethene

Concen: 130.205 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

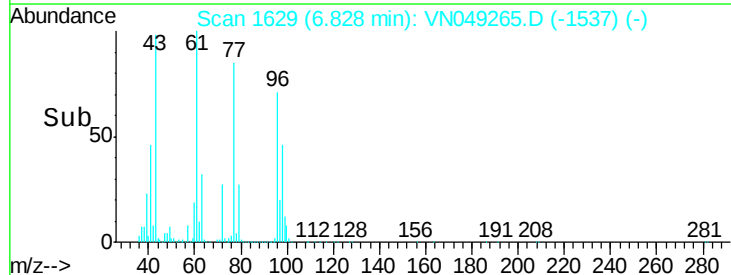
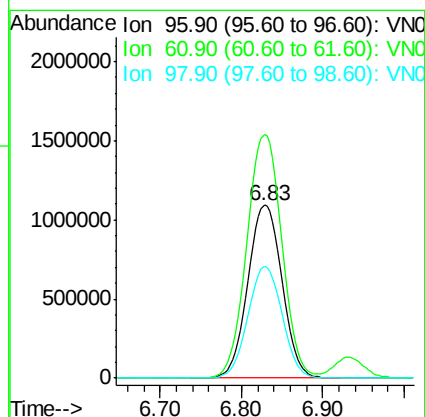
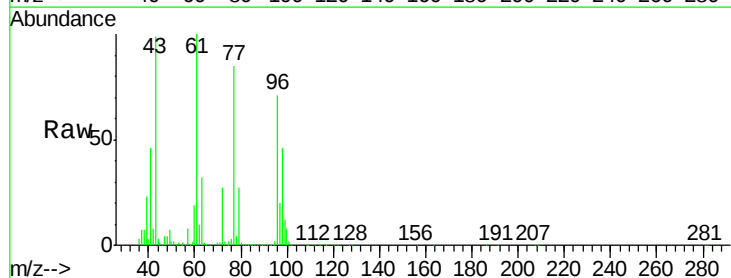
Tgt Ion: 96 Resp: 3163312

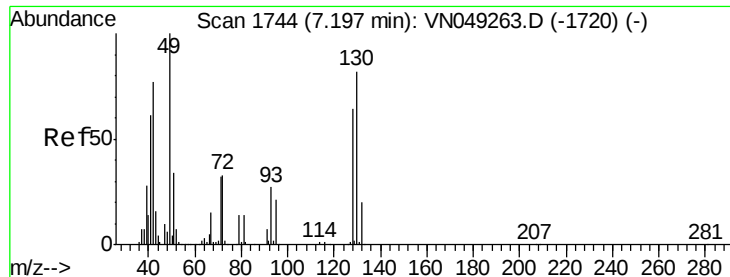
Ion Ratio Lower Upper

96 100

61 143.8 0.0 316.4

98 64.7 0.0 128.4





#28

Bromochloromethane

Concen: 113.427 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

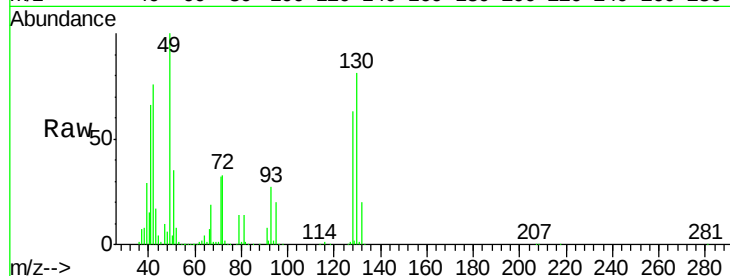
Tgt Ion: 49 Resp: 2419934

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

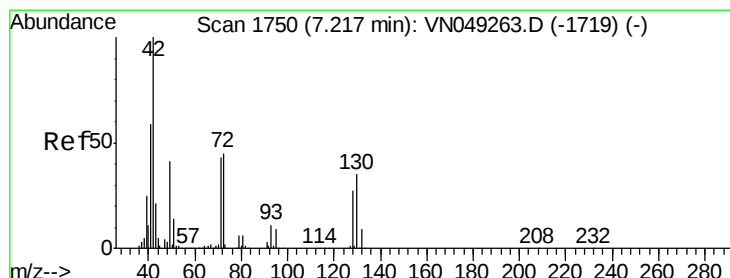
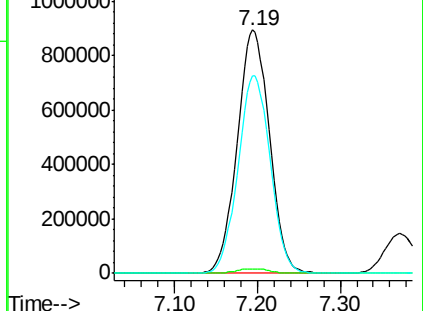
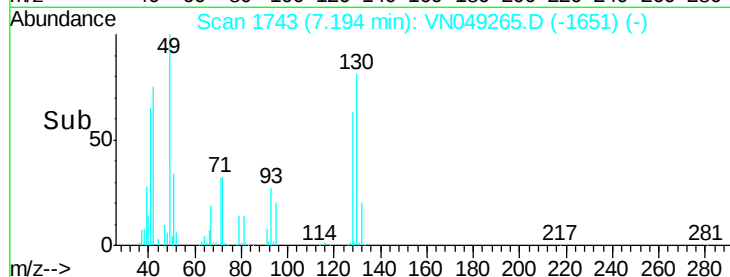
130 81.3 54.9 82.3



Abundance Ion 48.90 (48.60 to 49.60): VN049265.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN049265.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN049265.D (-1651) (-)



#29

Tetrahydrofuran

Concen: 593.820 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

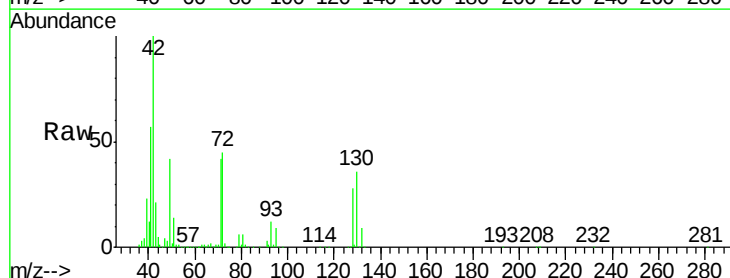
Tgt Ion: 42 Resp: 3400402

Ion Ratio Lower Upper

42 100

72 44.1 32.2 48.4

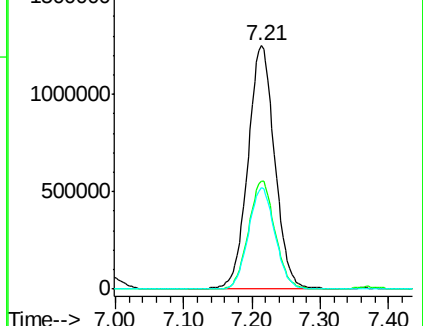
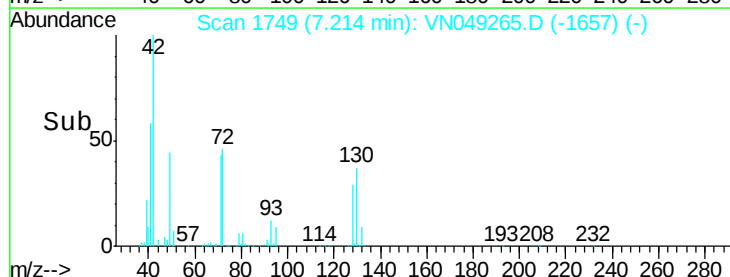
71 41.6 30.5 45.7

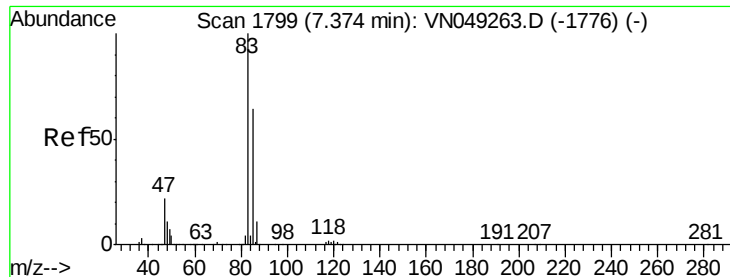


Abundance Ion 42.00 (41.70 to 42.70): VN049265.D (-1657) (-)

Ion 72.00 (71.70 to 72.70): VN049265.D (-1657) (-)

Ion 71.00 (70.70 to 71.70): VN049265.D (-1657) (-)





#30

Chloroform

Concen: 118.530 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

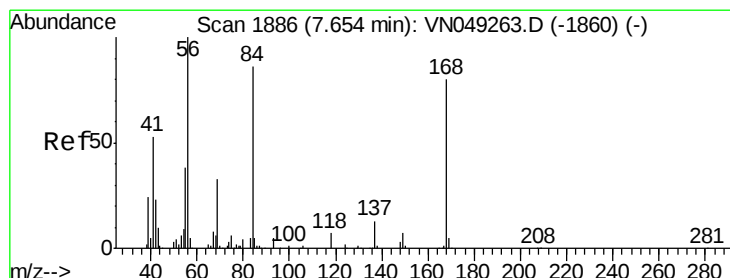
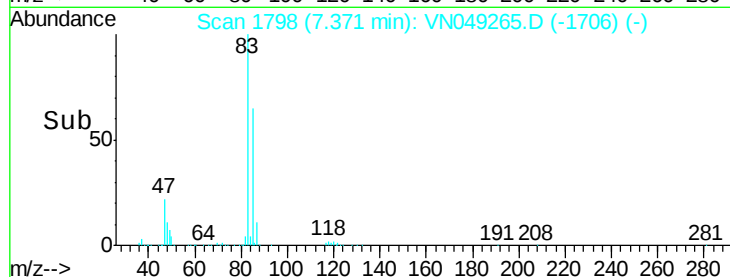
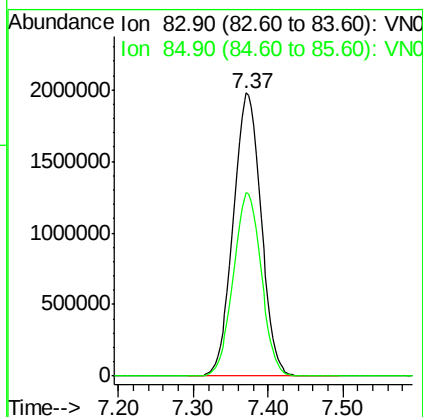
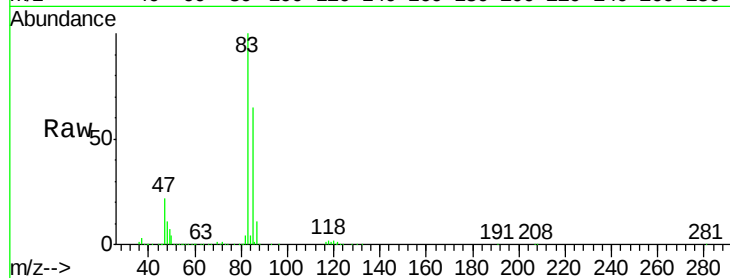
VSTDIC150

Tgt Ion: 83 Resp: 5119438

Ion Ratio Lower Upper

83 100

85 64.9 51.7 77.5



#31

Cyclohexane

Concen: 105.688 ug/l

RT: 7.65 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

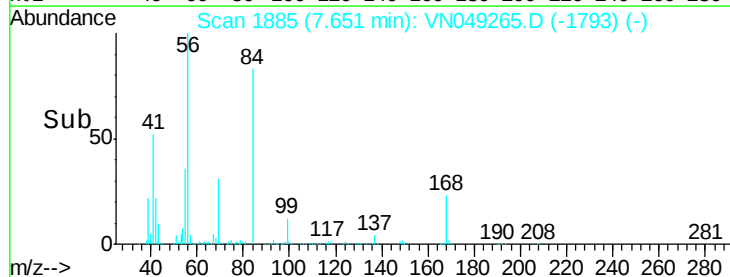
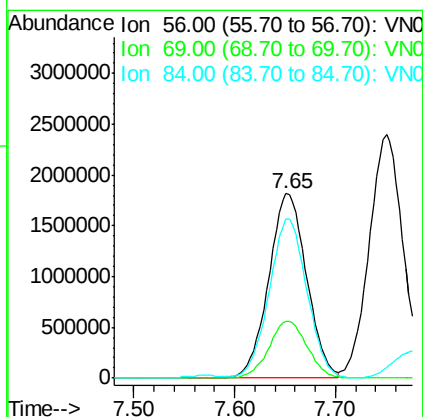
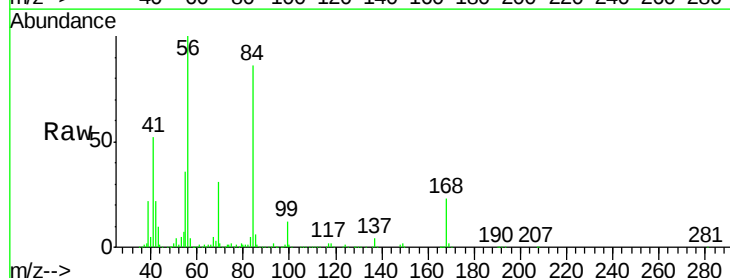
Tgt Ion: 56 Resp: 4746267

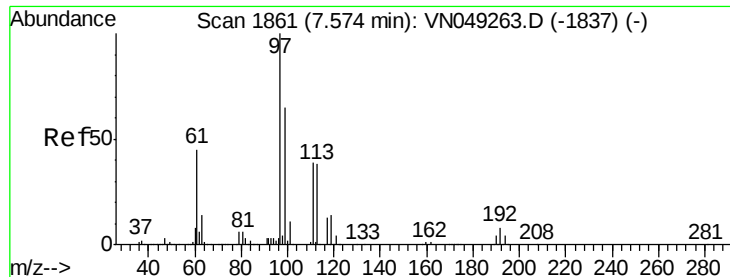
Ion Ratio Lower Upper

56 100

69 30.8 25.0 37.4

84 84.9 64.6 96.8





#32

1,1,1-Trichloroethane

Concen: 120.197 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

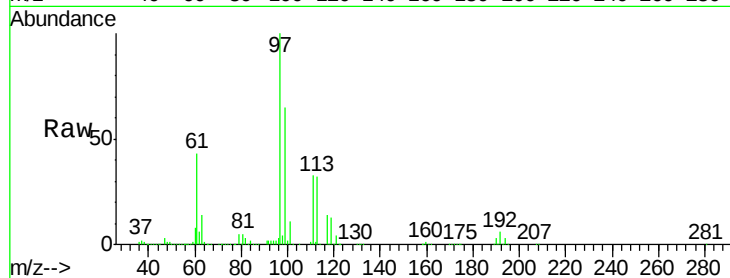
Tgt Ion: 97 Resp: 4471465

Ion Ratio Lower Upper

97 100

99 64.9 50.5 75.7

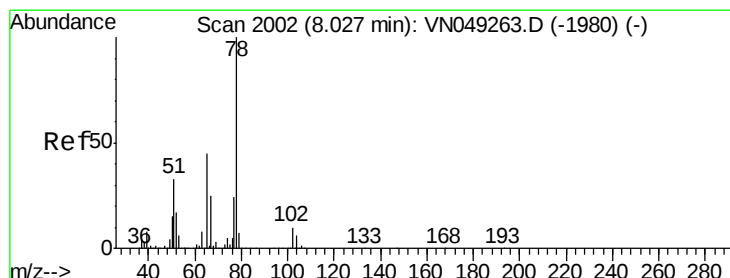
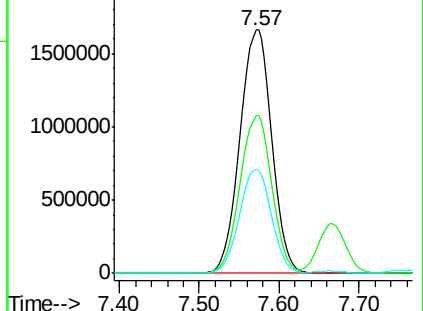
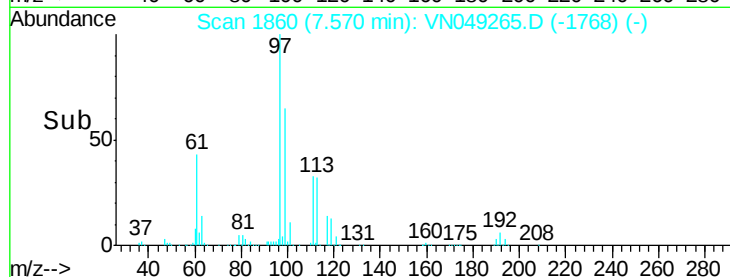
61 43.0 37.9 56.9



Abundance Ion 96.90 (96.60 to 97.60): VN049265.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN049265.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN049265.D (-1768) (-)



#33

1,2-Dichloroethane-d4

Concen: 117.620 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049265.D

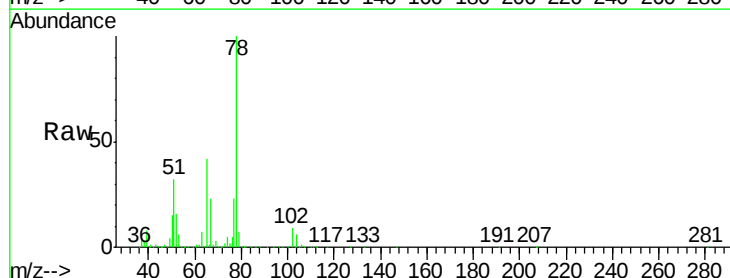
Acq: 15 Jun 2018 16:10

Tgt Ion: 65 Resp: 3059838

Ion Ratio Lower Upper

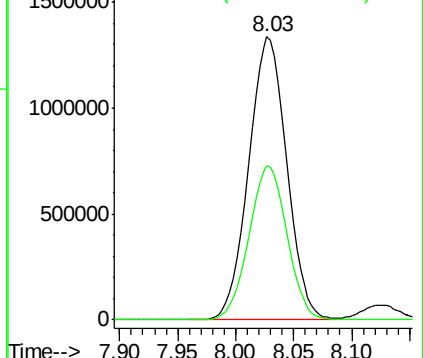
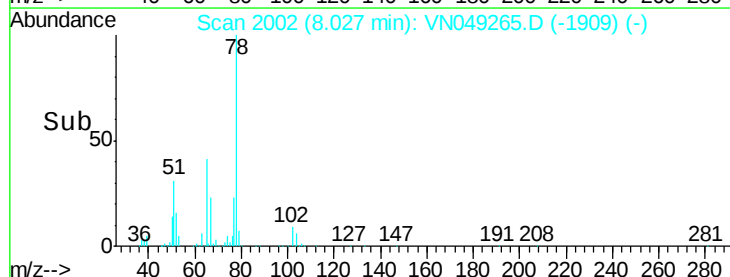
65 100

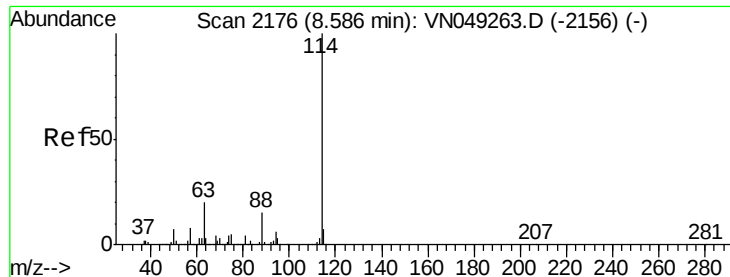
67 54.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049265.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049265.D (-1909) (-)

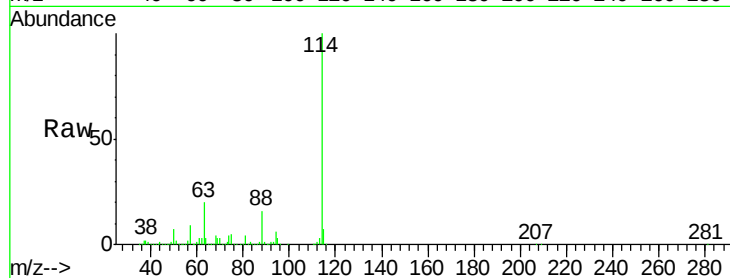




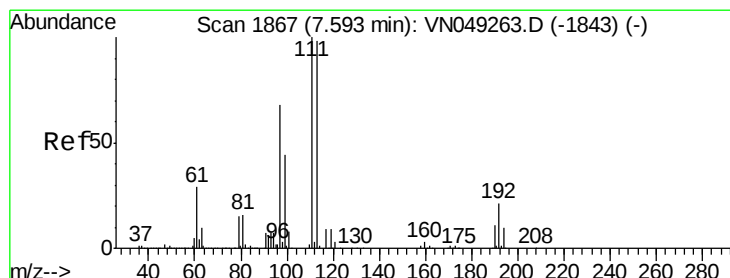
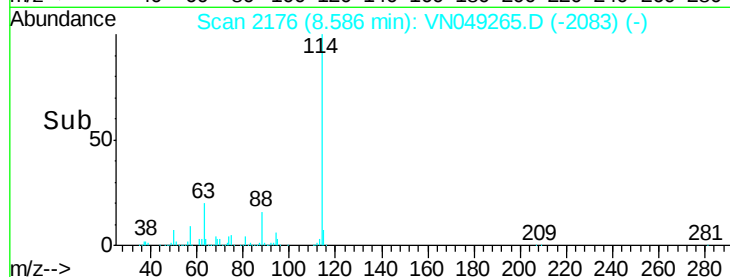
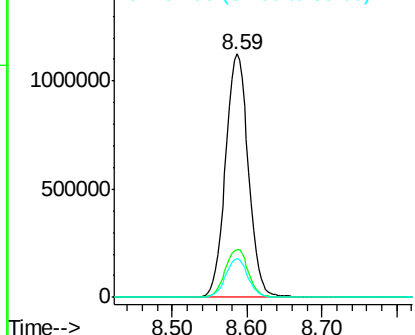
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049265.D
 Acq: 15 Jun 2018 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:114 Resp: 2378204
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 44.4
 88 15.9 0.0 31.4

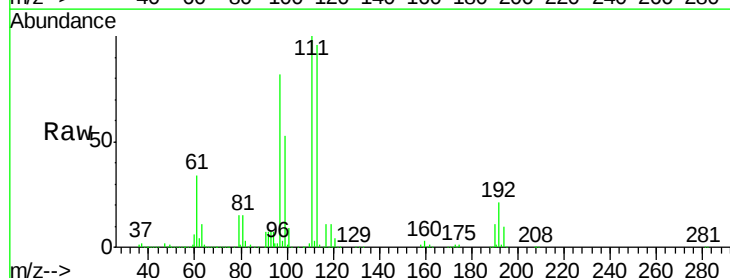


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

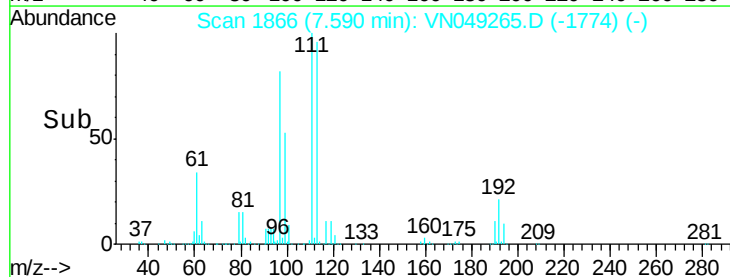
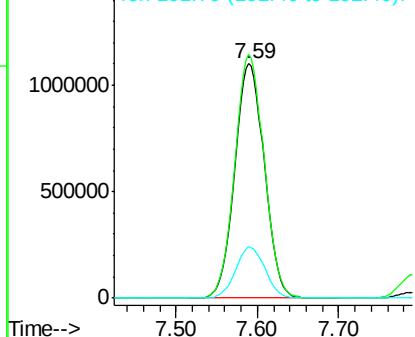


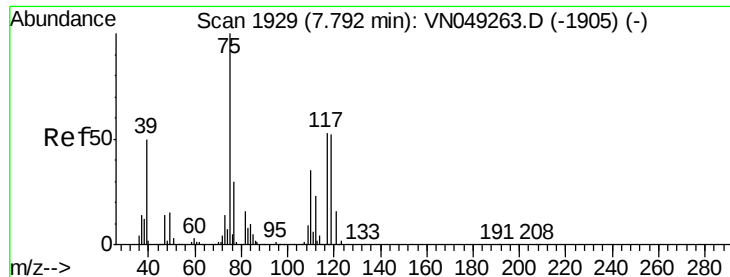
#35
 Dibromofluoromethane
 Concen: 140.799 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049265.D
 Acq: 15 Jun 2018 16:10

Tgt Ion:113 Resp: 2771480
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 21.7 15.0 22.6



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





#36

1,1-Dichloropropene

Concen: 137.129 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

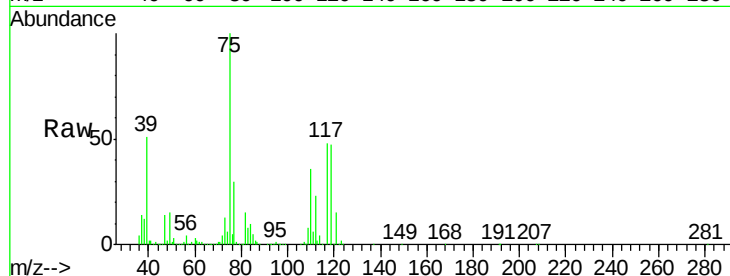
Tgt Ion: 75 Resp: 4074535

Ion Ratio Lower Upper

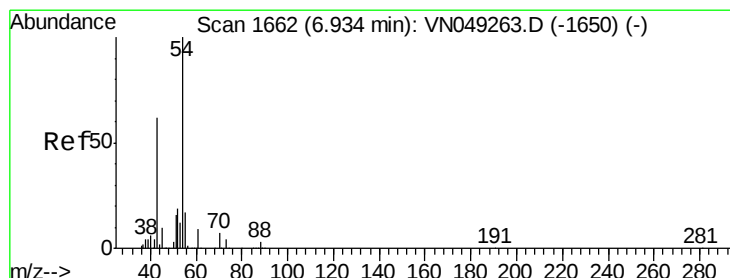
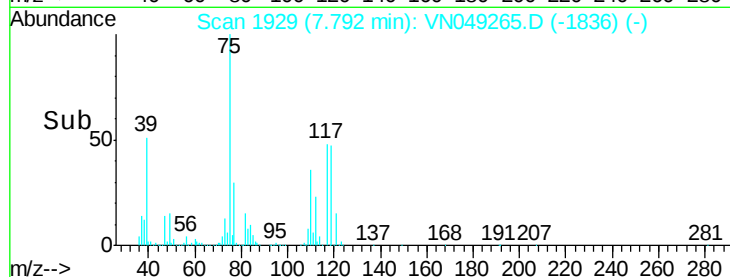
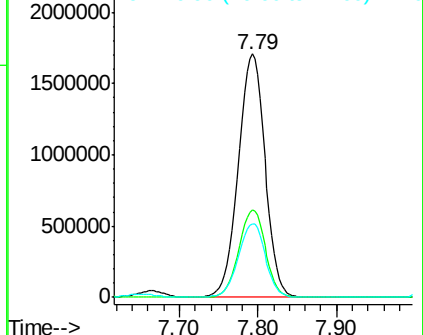
75 100

110 35.8 17.0 50.9

77 30.6 24.4 36.6



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



#37

Ethyl Acetate

Concen: 123.157 ug/l

RT: 6.93 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

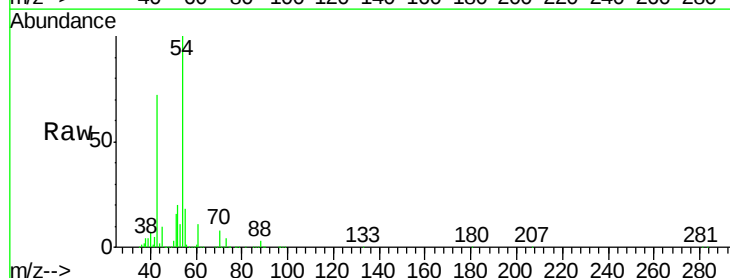
Tgt Ion: 43 Resp: 2310093

Ion Ratio Lower Upper

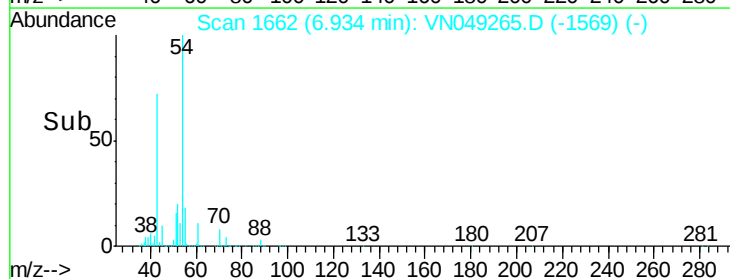
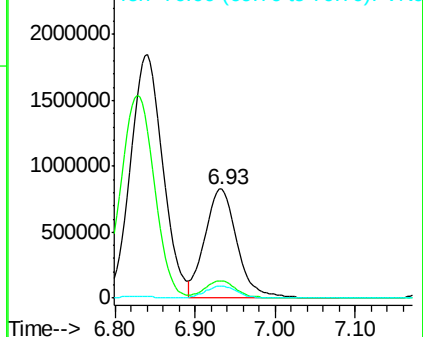
43 100

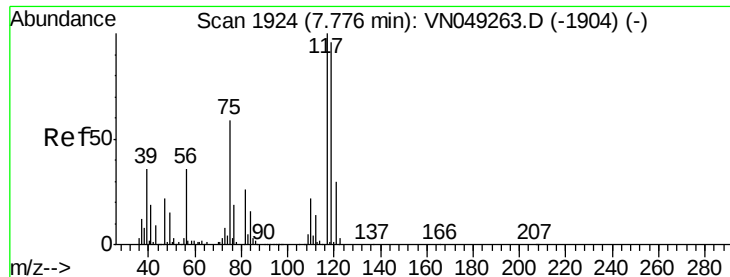
61 15.1 11.0 16.4

70 10.8 7.2 10.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 70.00 (69.70 to 70.70): VNO





#38

Carbon Tetrachloride

Concen: 134.860 ug/l

RT: 7.77 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

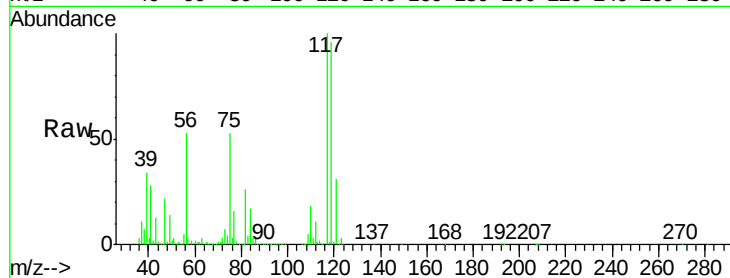
Tgt Ion:117 Resp: 4036908

Ion Ratio Lower Upper

117 100

119 96.2 75.6 113.4

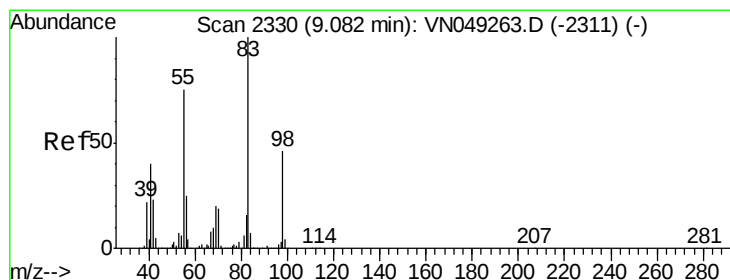
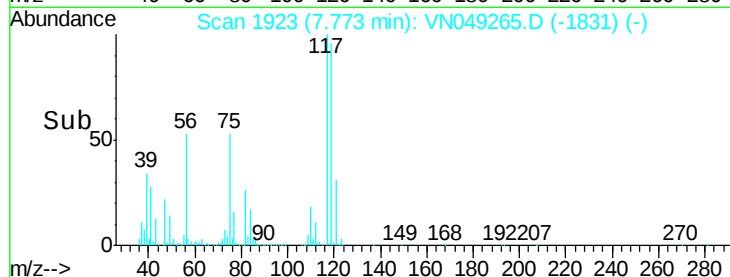
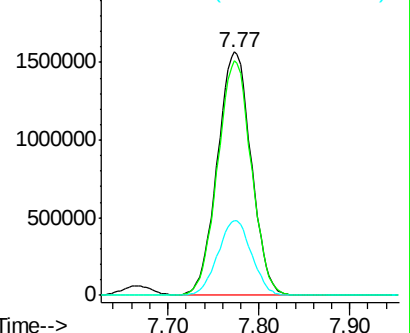
121 30.7 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 148.951 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

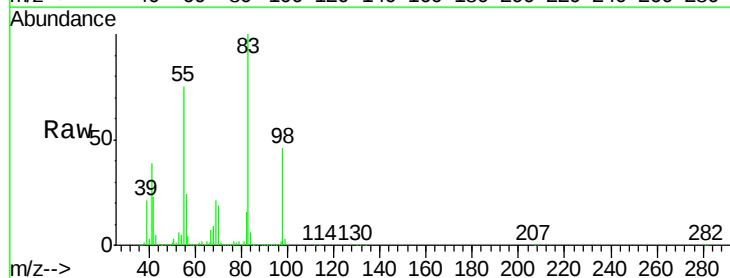
Tgt Ion: 83 Resp: 4571870

Ion Ratio Lower Upper

83 100

55 74.6 65.1 97.7

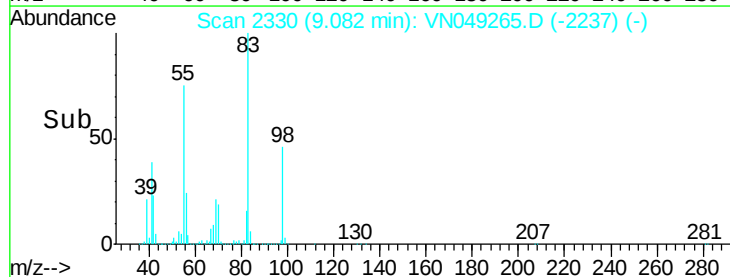
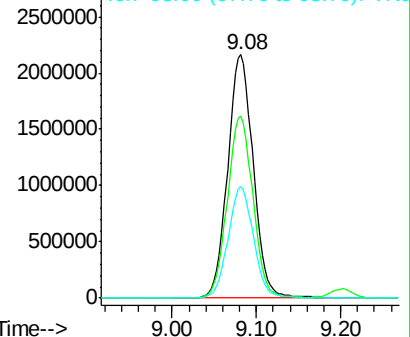
98 45.7 36.5 54.7

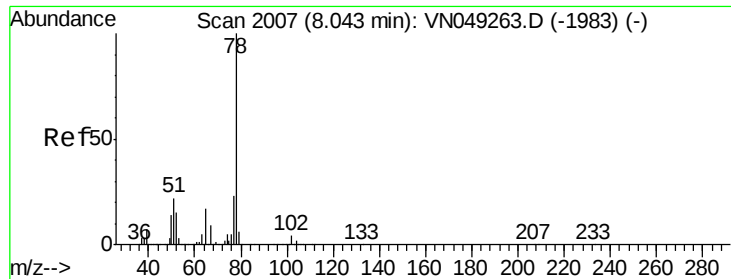


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 133.505 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

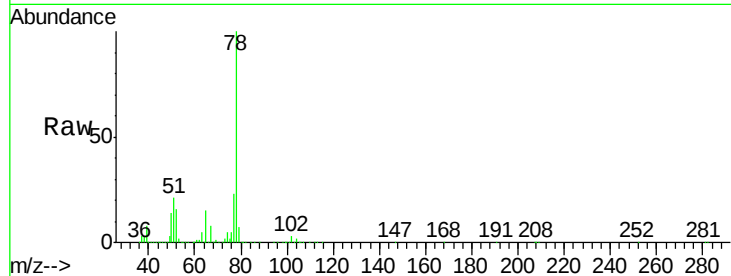
VSTDIC150

Tgt Ion: 78 Resp:12018499

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VN049265.D (-1914) (-)

Ion 77.00 (76.70 to 77.70): VN049265.D (-1914) (-)

8.04

6000000

5000000

4000000

3000000

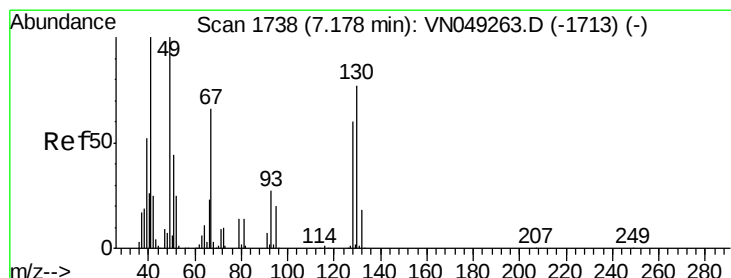
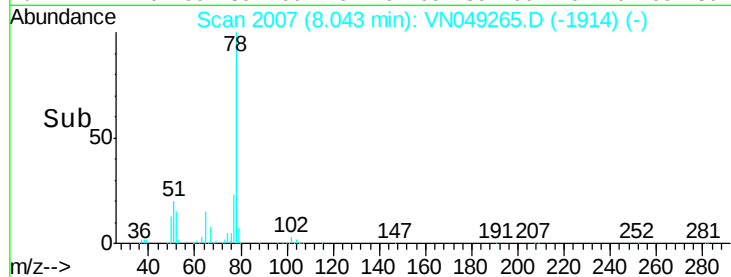
2000000

1000000

0

7.90 8.00 8.10 8.20 8.30

Time-->



#41

Methacrylonitrile

Concen: 130.596 ug/l

RT: 7.17 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Tgt Ion: 41 Resp: 1385864

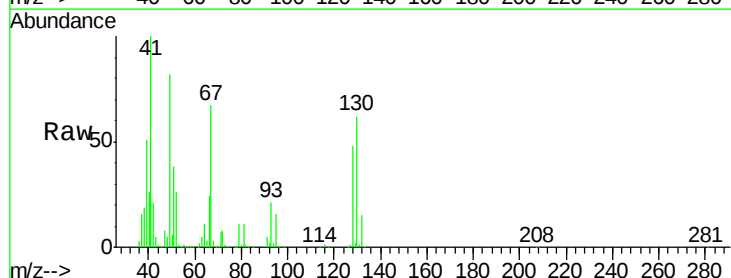
Ion Ratio Lower Upper

41 100

39 58.6 0.0 0.0#

67 78.9 0.0 0.0#

52 30.8 0.0 0.0#



Abundance Ion 41.00 (40.70 to 41.70): VN049265.D (-1645) (-)

Ion 39.00 (38.70 to 39.70): VN049265.D (-1645) (-)

Ion 67.00 (66.70 to 67.70): VN049265.D (-1645) (-)

Ion 52.00 (51.70 to 52.70): VN049265.D (-1645) (-)

1000000

800000

600000

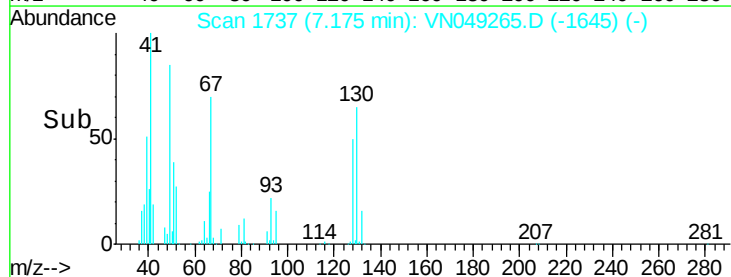
400000

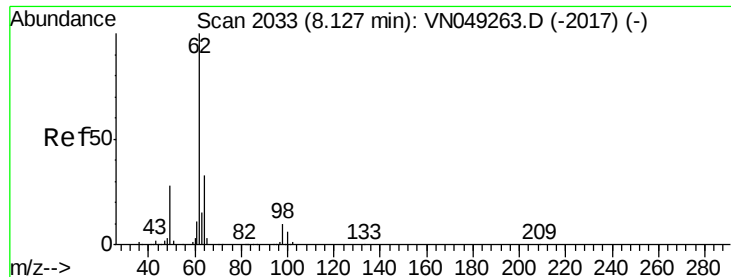
200000

0

7.05 7.10 7.15 7.20

Time-->





#42

1,2-Dichloroethane

Concen: 123.048 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

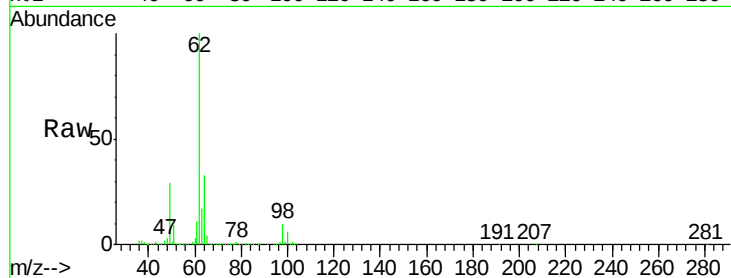
VSTDIC150

Tgt Ion: 62 Resp: 3655725

Ion Ratio Lower Upper

62 100

98 9.5 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VN049265.D (-1940) (-)

Ion 97.90 (97.60 to 98.60): VN049265.D (-1940) (-)

8.12

1500000

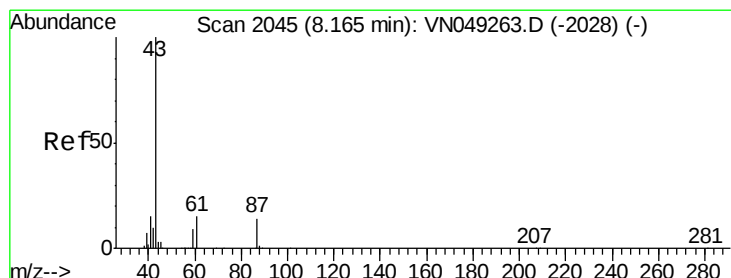
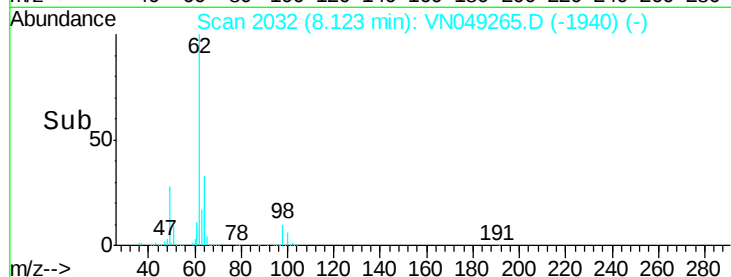
1000000

500000

0

Time-->

8.00 8.10 8.20 8.30



#43

Isopropyl Acetate

Concen: 124.238 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

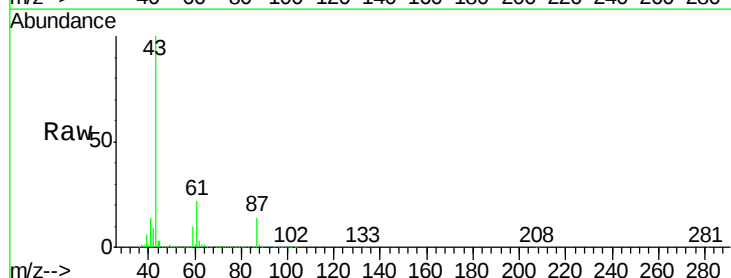
Tgt Ion: 43 Resp: 4284691

Ion Ratio Lower Upper

43 100

61 21.6 14.2 21.4#

87 13.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049265.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049265.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049265.D (-1952) (-)

8.17

2500000

2000000

1500000

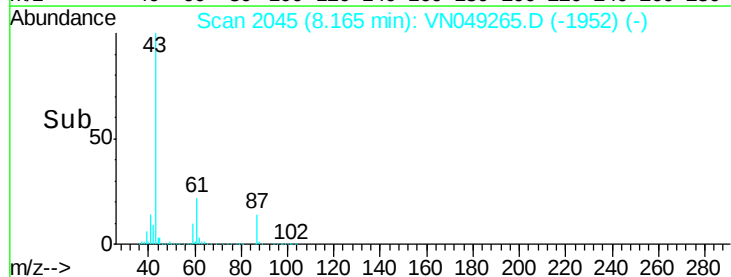
1000000

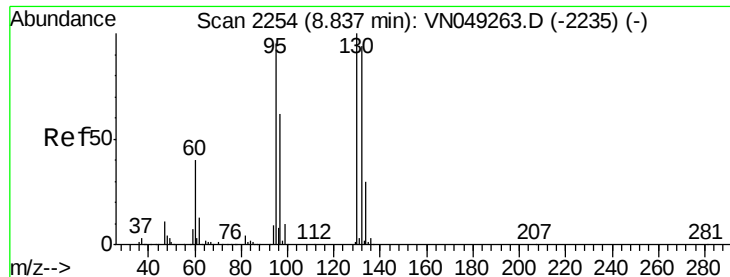
500000

0

Time-->

8.10 8.20





#44

Trichloroethene

Concen: 142.234 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

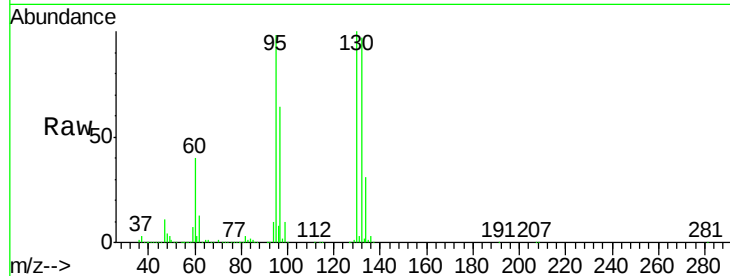
VSTDIC150

Tgt Ion:130 Resp: 3197276

Ion Ratio Lower Upper

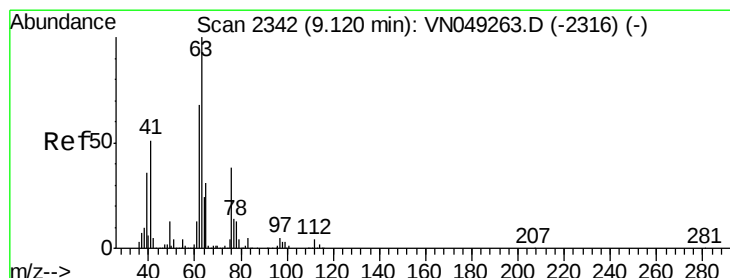
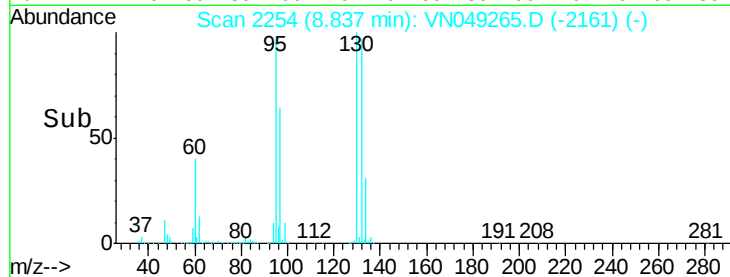
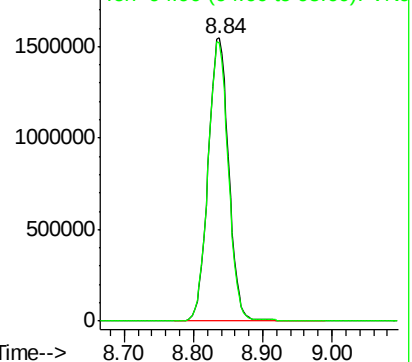
130 100

95 98.3 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#45

1,2-Dichloropropane

Concen: 126.992 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049265.D

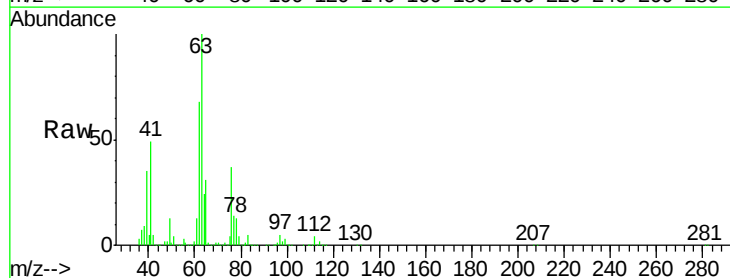
Acq: 15 Jun 2018 16:10

Tgt Ion: 63 Resp: 3144411

Ion Ratio Lower Upper

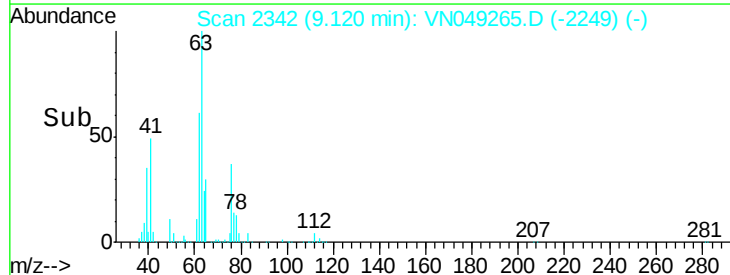
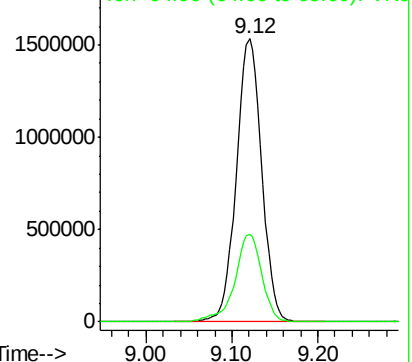
63 100

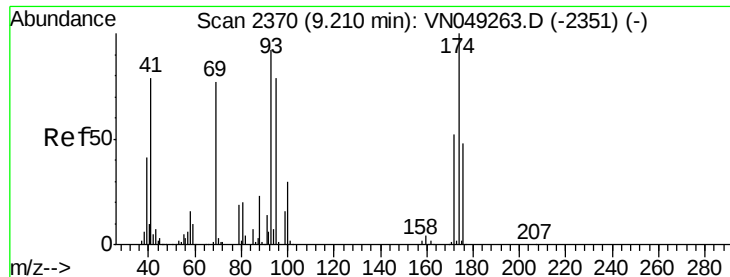
65 31.0 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#46

Dibromomethane

Concen: 132.946 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

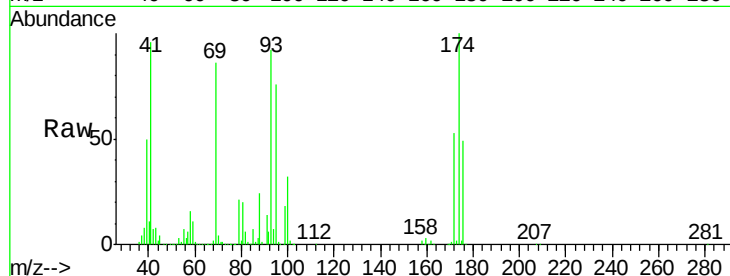
Tgt Ion: 93 Resp: 1818644

Ion Ratio Lower Upper

93 100

95 83.4 67.2 100.8

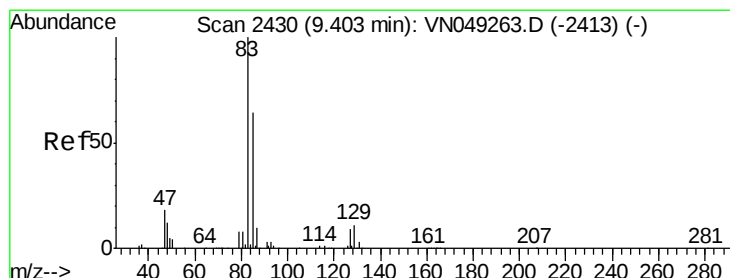
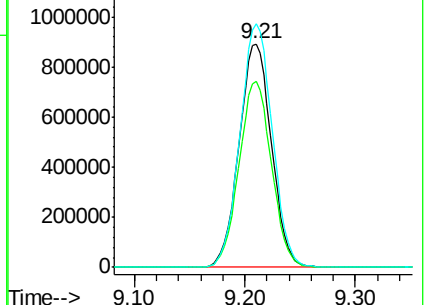
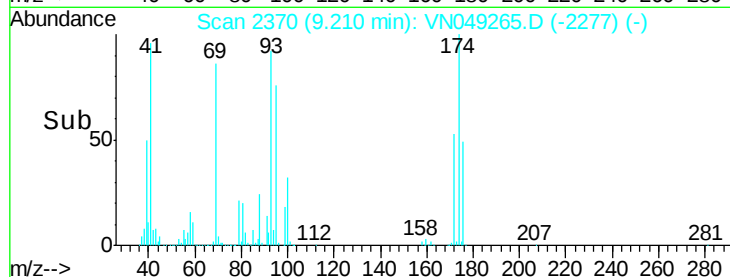
174 108.6 75.6 113.4



Abundance Ion 92.80 (92.50 to 93.50): VN049265.D (-2277) (-)

Ion 94.80 (94.50 to 95.50): VN049265.D (-2277) (-)

Ion 173.70 (173.40 to 174.40): VN049265.D (-2277) (-)



#47

Bromodichloromethane

Concen: 131.368 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

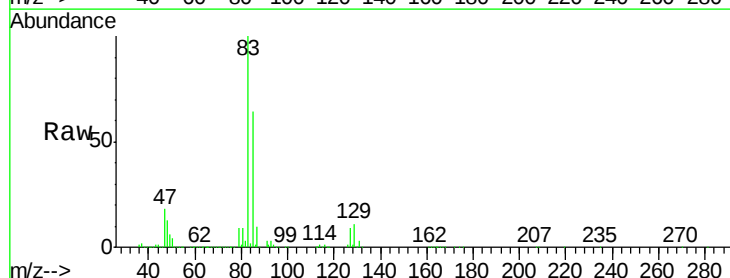
Tgt Ion: 83 Resp: 4047621

Ion Ratio Lower Upper

83 100

85 63.8 49.4 74.0

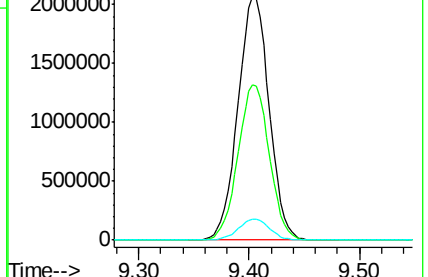
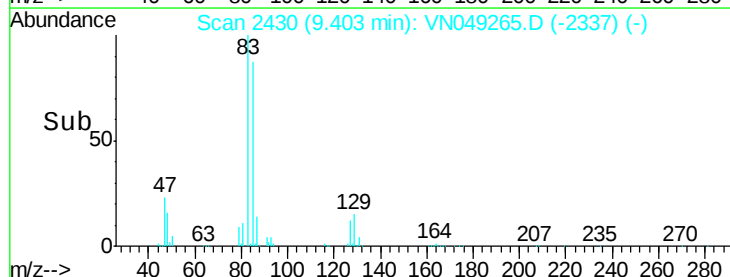
127 8.7 6.3 9.5

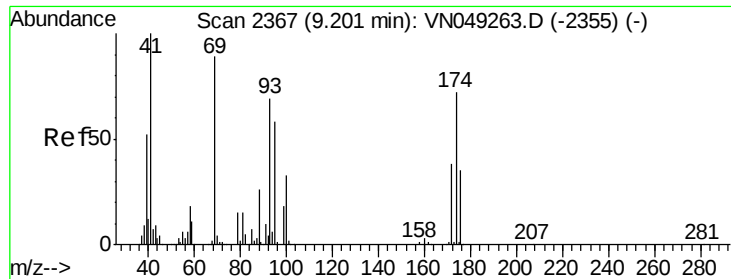


Abundance Ion 82.90 (82.60 to 83.60): VN049265.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049265.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049265.D (-2337) (-)

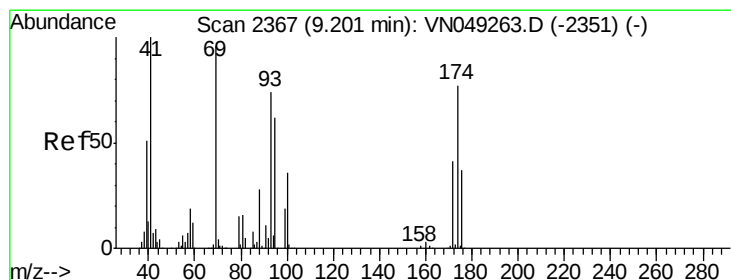
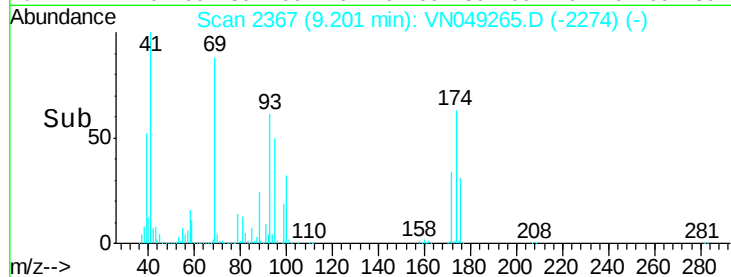
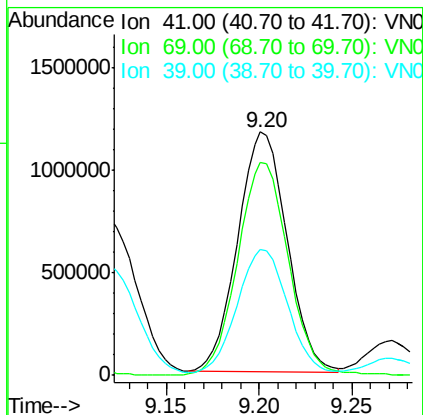
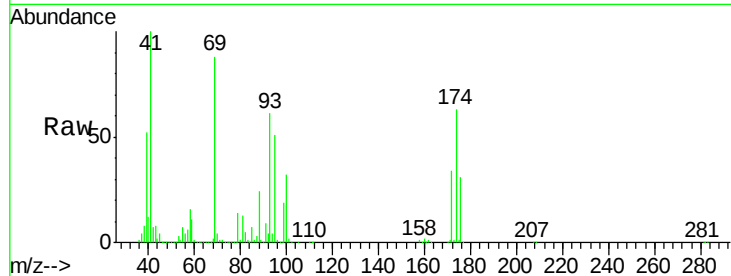




#48
Methyl methacrylate
Concen: 128.624 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

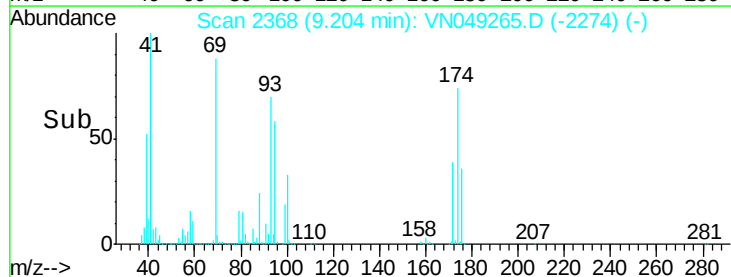
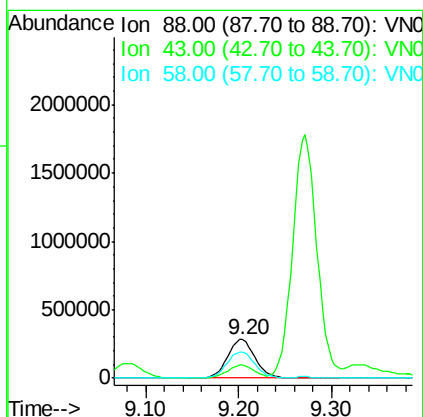
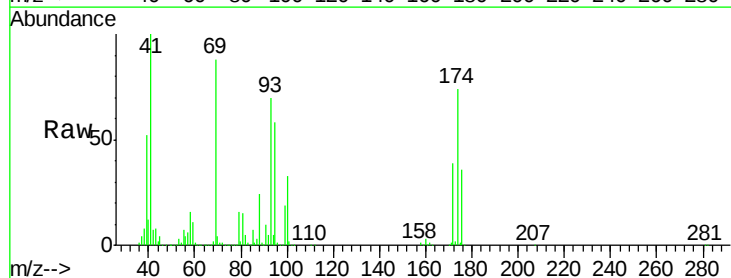
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

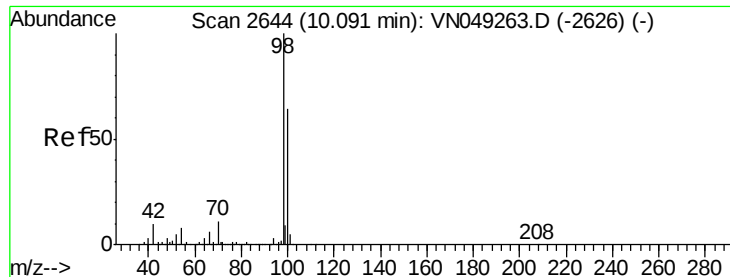
Tgt Ion: 41 Resp: 2167514
Ion Ratio Lower Upper
41 100
69 91.4 62.0 93.0
39 54.5 50.6 75.8



#49
1,4-Dioxane
Concen: 2919.380 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

Tgt Ion: 88 Resp: 580966
Ion Ratio Lower Upper
88 100
43 31.4 30.9 46.3
58 68.5 58.9 88.3

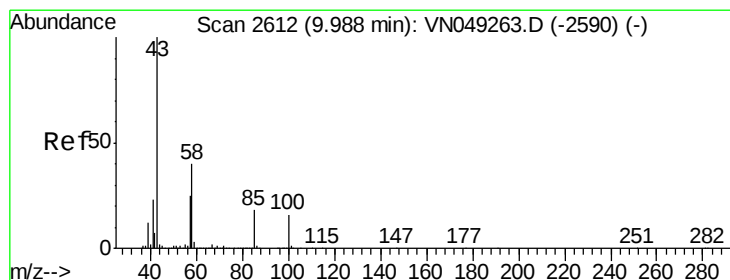
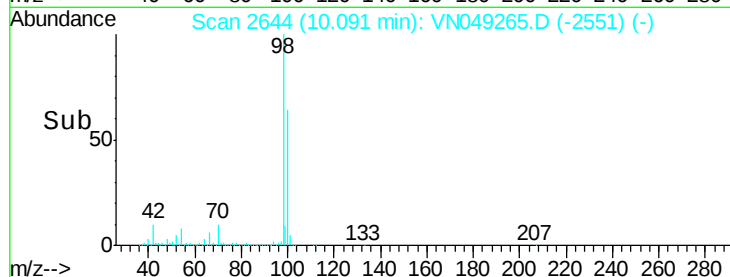
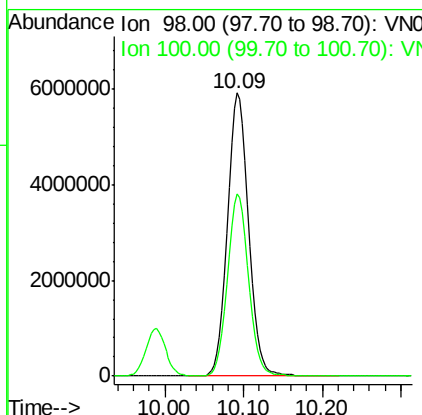
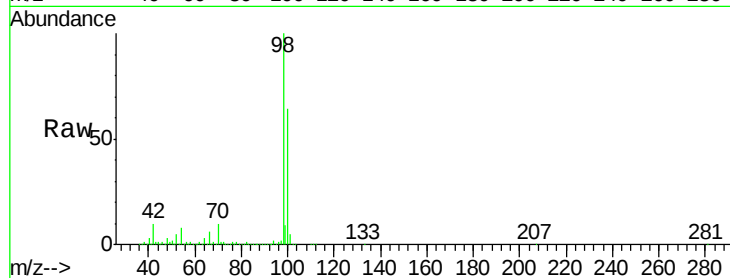




#50
Toluene-d8
Concen: 142.628 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

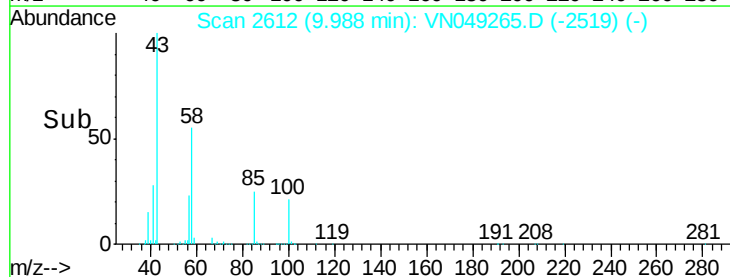
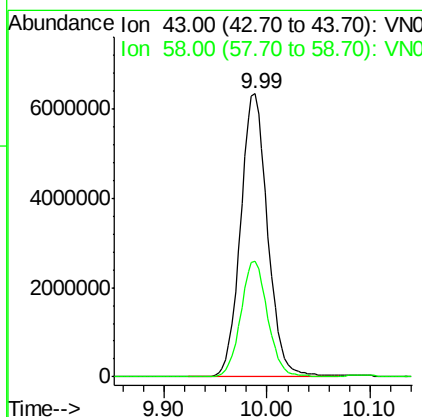
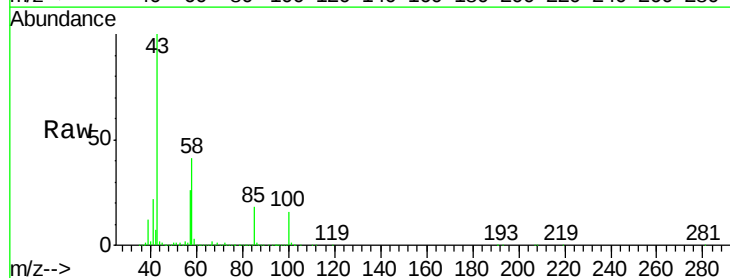
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

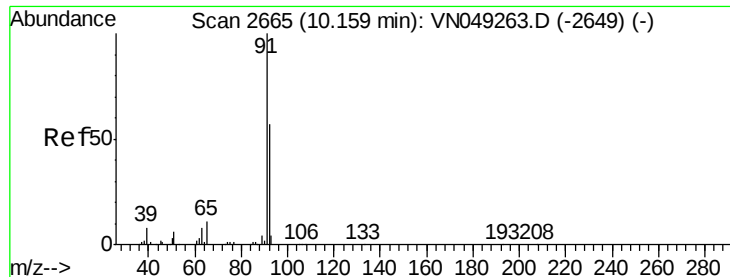
Tgt Ion: 98 Resp:10921633
Ion Ratio Lower Upper
98 100
100 64.2 49.8 74.8



#51
4-Methyl-2-Pentanone
Concen: 630.751 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

Tgt Ion: 43 Resp:11584960
Ion Ratio Lower Upper
43 100
58 40.7 29.0 43.6





#52

Toluene

Concen: 142.981 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

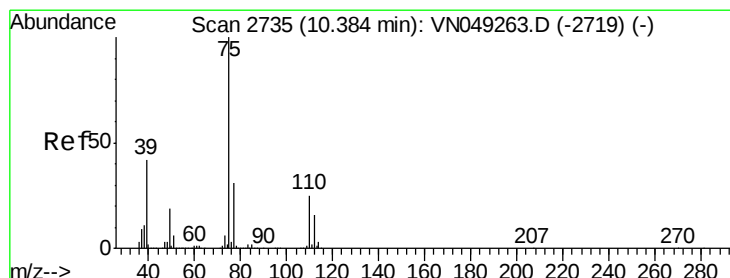
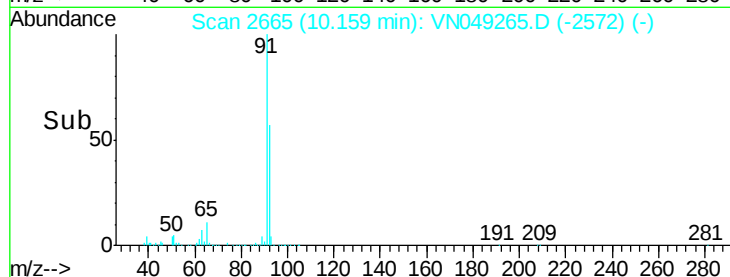
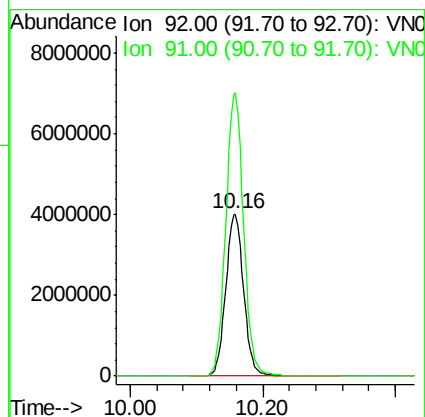
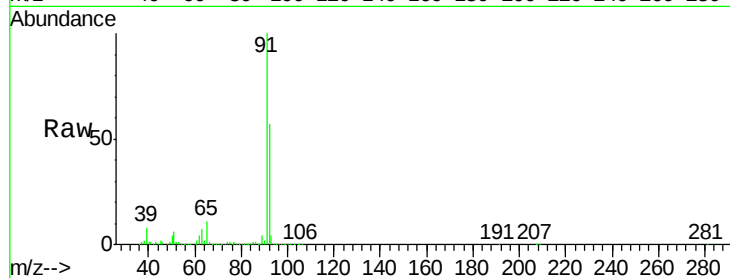
VSTDIC150

Tgt Ion: 92 Resp: 7488995

Ion Ratio Lower Upper

92 100

91 174.3 143.4 215.2



#53

t-1,3-Dichloropropene

Concen: 148.432 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049265.D

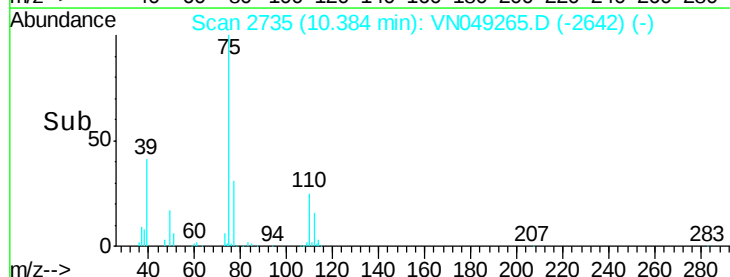
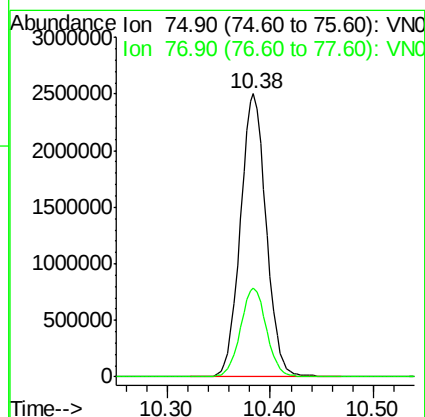
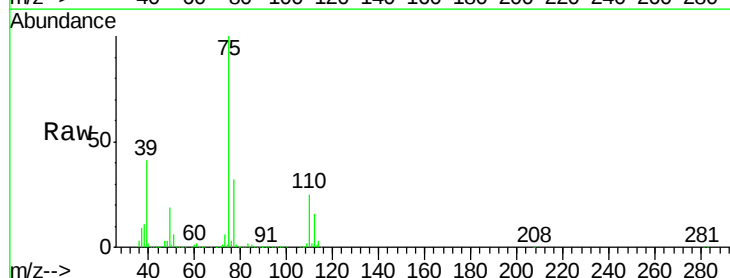
Acq: 15 Jun 2018 16:10

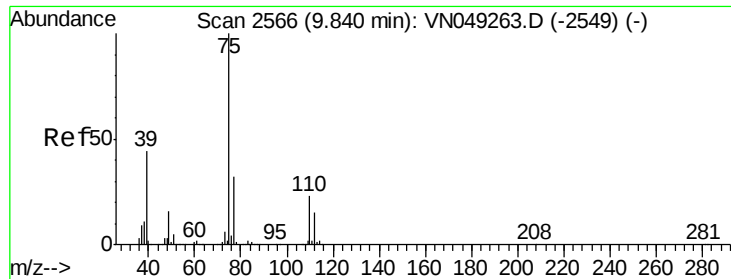
Tgt Ion: 75 Resp: 4348076

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8



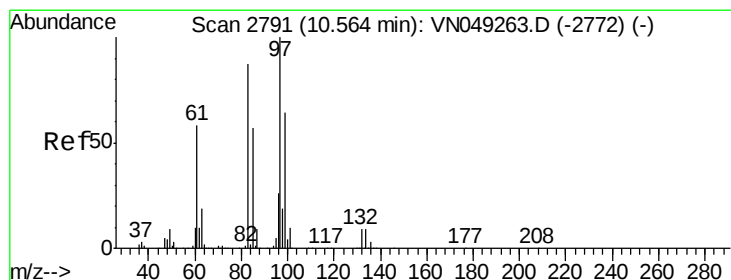
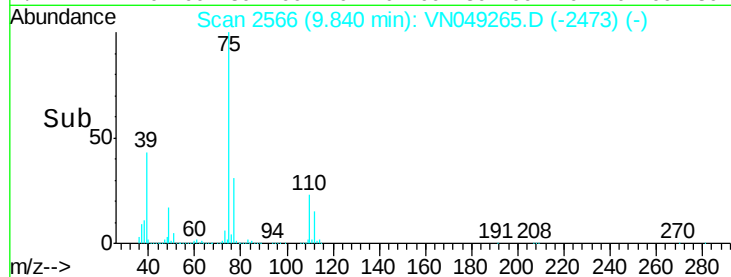
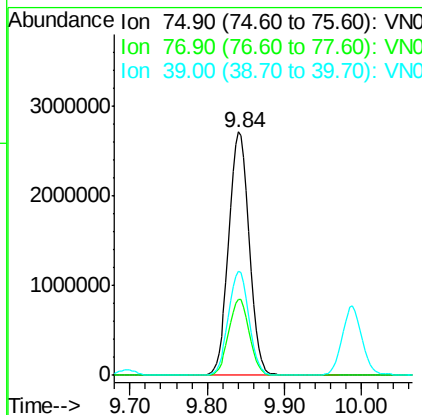
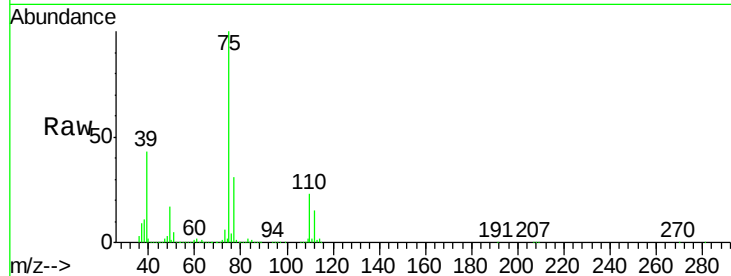


#54

cis-1,3-Dichloropropene
 Concen: 145.456 ug/l
 RT: 9.84 min Scan# 2566
 Delta R.T. 0.00 min
 Lab File: VN049265.D
 Acq: 15 Jun 2018 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

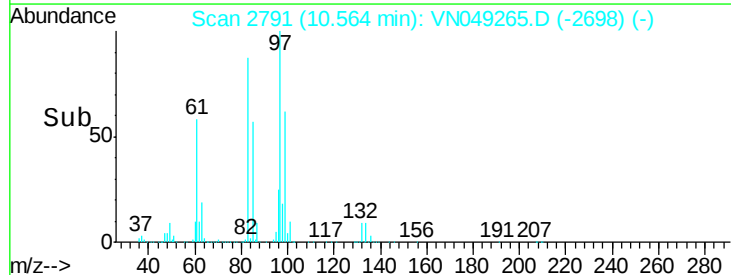
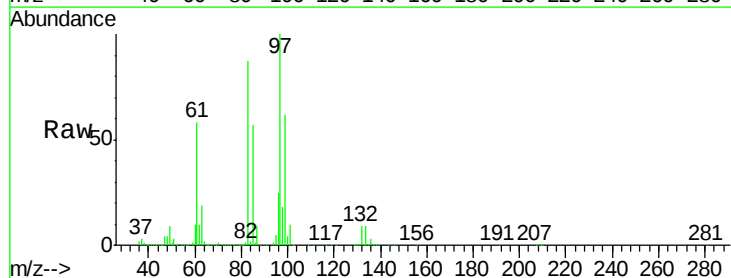
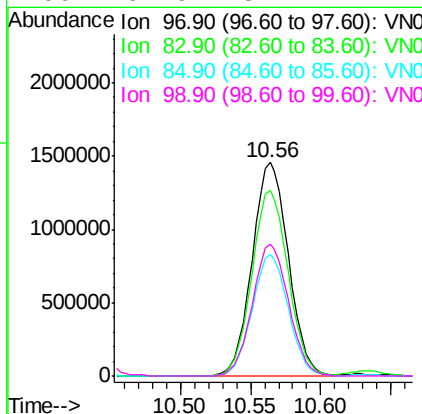
Tgt Ion: 75 Resp: 4937653
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.8 37.2
 39 43.0 45.1 67.7#

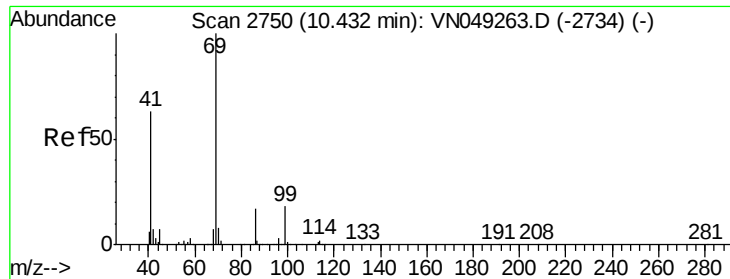


#55

1,1,2-Trichloroethane
 Concen: 136.317 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049265.D
 Acq: 15 Jun 2018 16:10

Tgt Ion: 97 Resp: 2620275
 Ion Ratio Lower Upper
 97 100
 83 86.8 71.5 107.3
 85 56.7 47.0 70.4
 99 61.9 51.4 77.2





#56

Ethyl methacrylate

Concen: 154.380 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

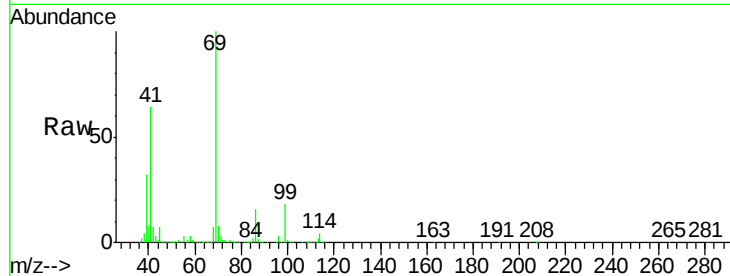
Tgt Ion: 69 Resp: 3577382

Ion Ratio Lower Upper

69 100

41 63.9 58.4 87.6

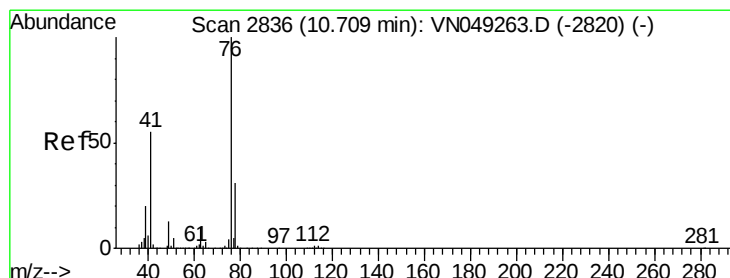
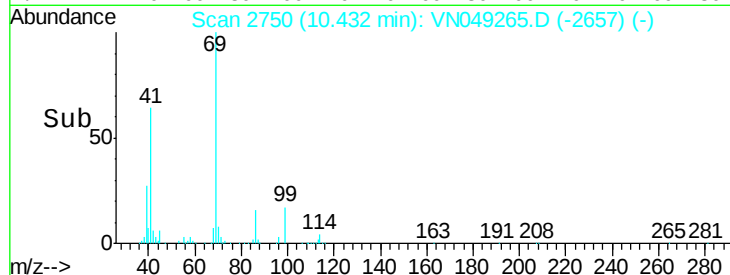
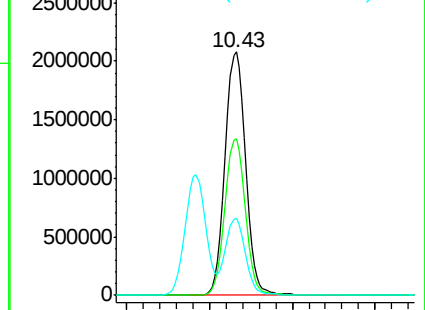
39 30.6 35.5 53.3#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 137.377 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049265.D

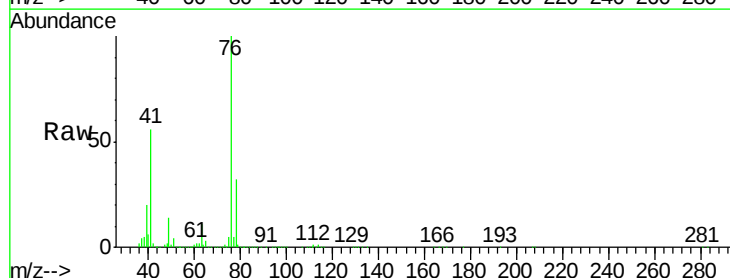
Acq: 15 Jun 2018 16:10

Tgt Ion: 76 Resp: 4528361

Ion Ratio Lower Upper

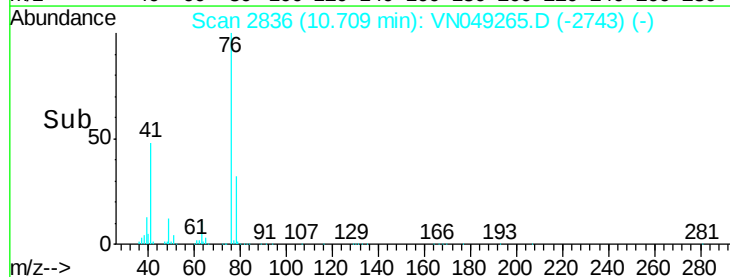
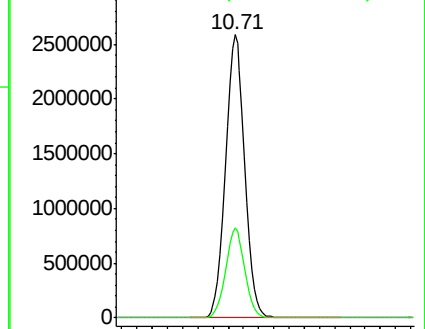
76 100

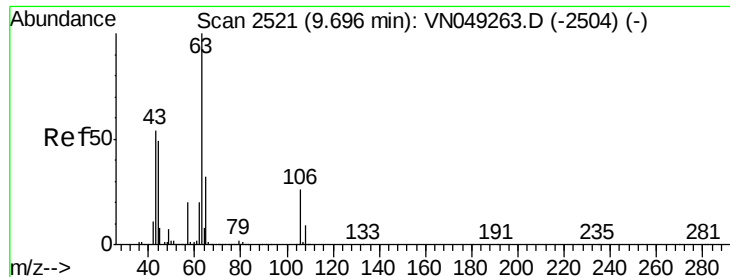
78 31.7 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

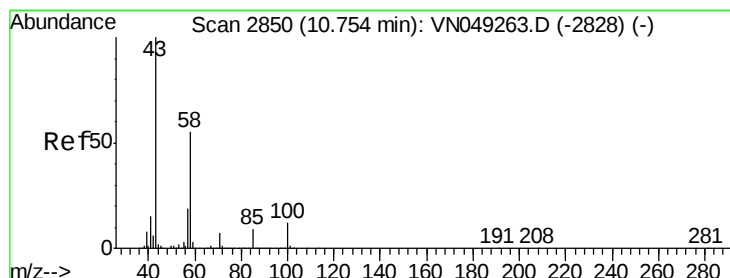
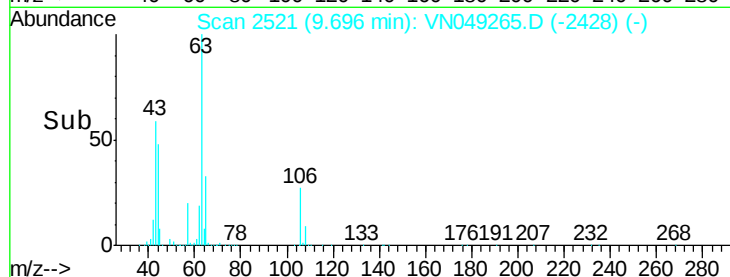
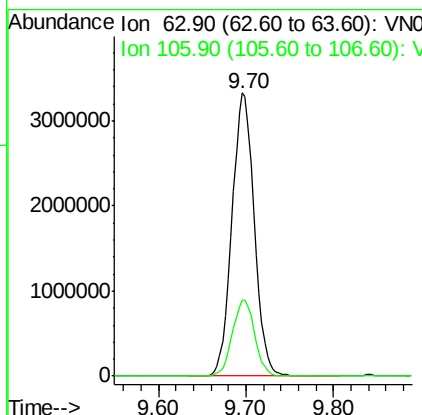
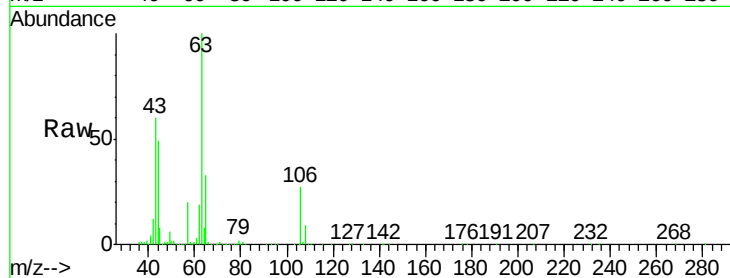




#58
2-Chloroethyl Vinyl ether
Concen: 783.437 ug/l
RT: 9.70 min Scan# 2521
Delta R.T. 0.00 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

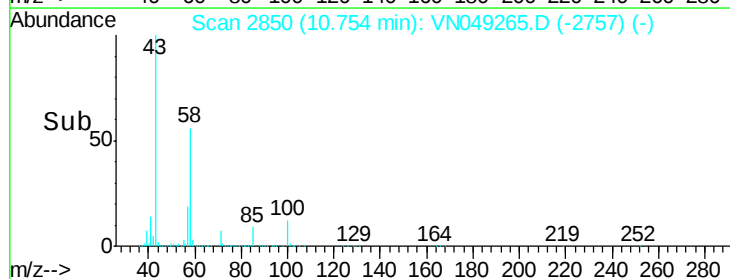
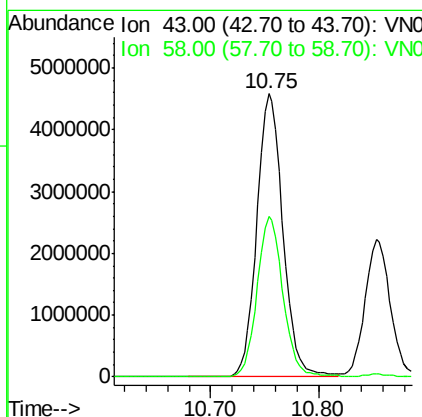
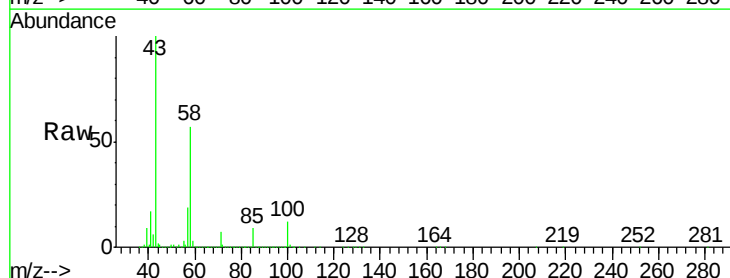
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

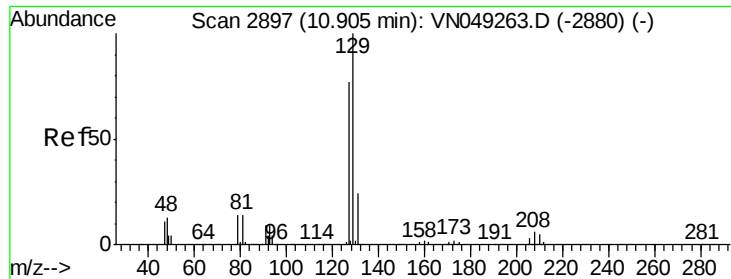
Tgt Ion: 63 Resp: 5881900
Ion Ratio Lower Upper
63 100
106 26.9 19.4 29.2



#59
2-Hexanone
Concen: 669.650 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

Tgt Ion: 43 Resp: 7663876
Ion Ratio Lower Upper
43 100
58 56.4 25.2 75.6





#60

Dibromochloromethane

Concen: 145.470 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

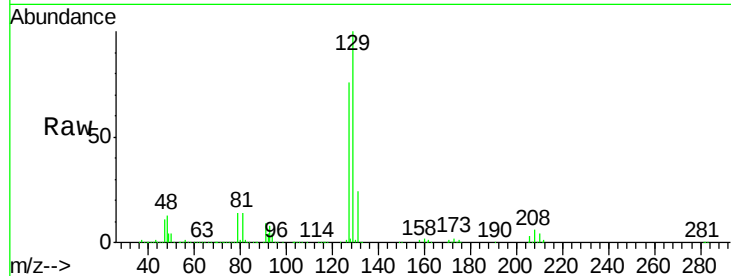
VSTDIC150

Tgt Ion:129 Resp: 3100964

Ion Ratio Lower Upper

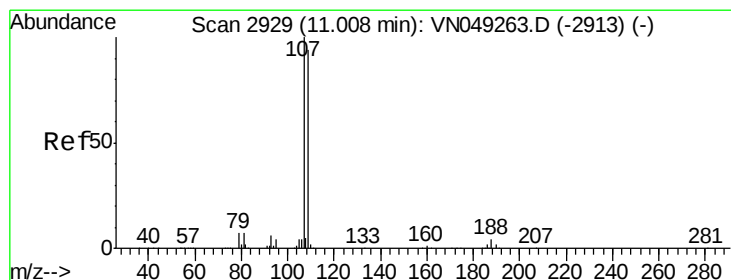
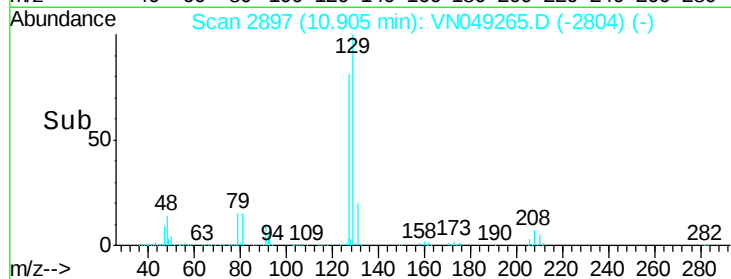
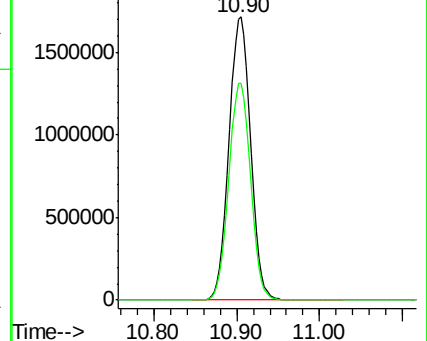
129 100

127 77.3 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 145.903 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049265.D

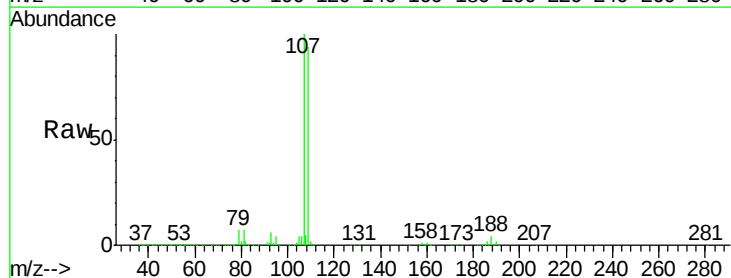
Acq: 15 Jun 2018 16:10

Tgt Ion:107 Resp: 2593805

Ion Ratio Lower Upper

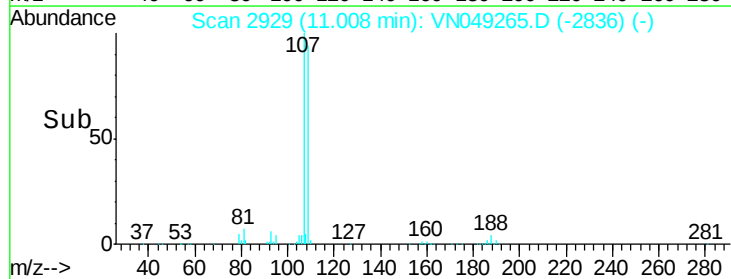
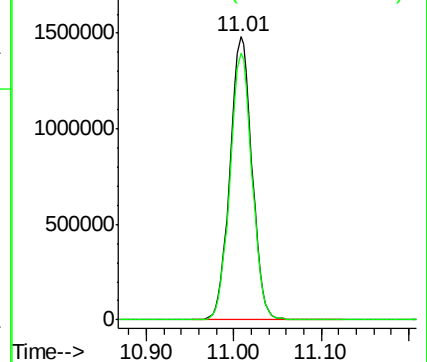
107 100

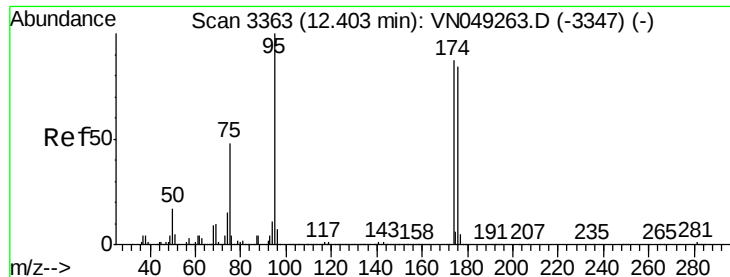
109 94.2 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 151.111 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

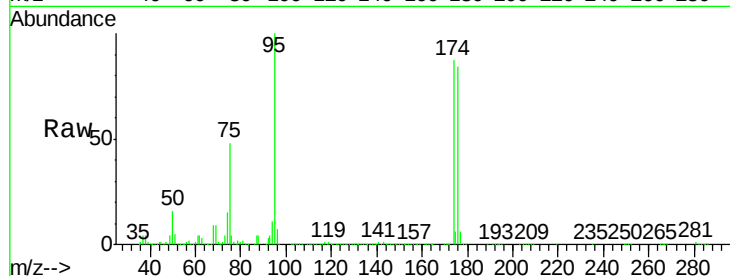
Tgt Ion: 95 Resp: 3840354

Ion Ratio Lower Upper

95 100

174 87.2 0.0 165.6

176 84.7 0.0 157.4

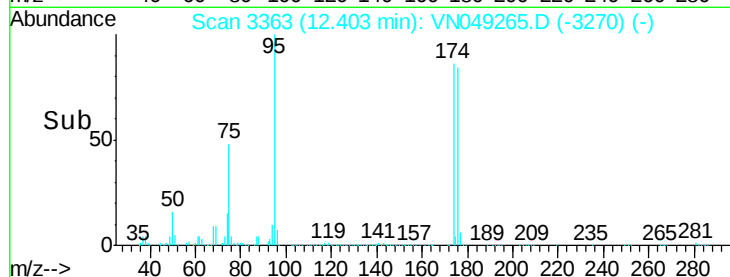


Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)

Time-->



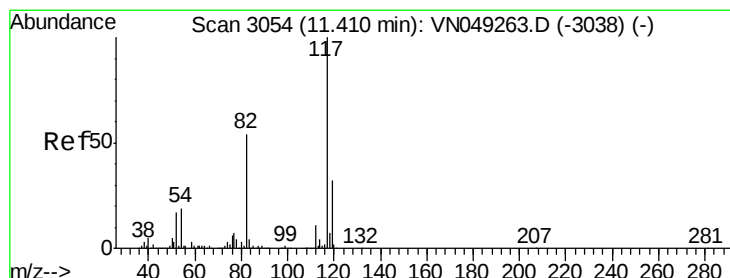
Abundance

Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

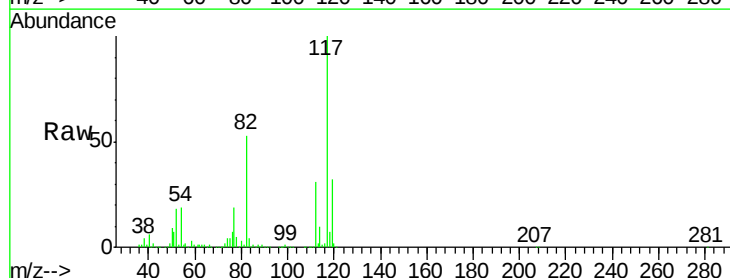
Tgt Ion: 117 Resp: 2224691

Ion Ratio Lower Upper

117 100

82 53.2 45.9 68.9

119 32.2 25.5 38.3

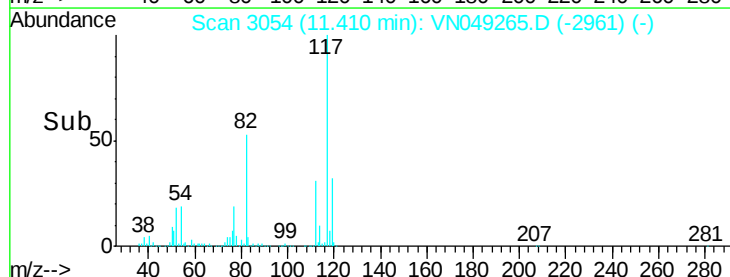


Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049263.D (-3038) (-)

Time-->



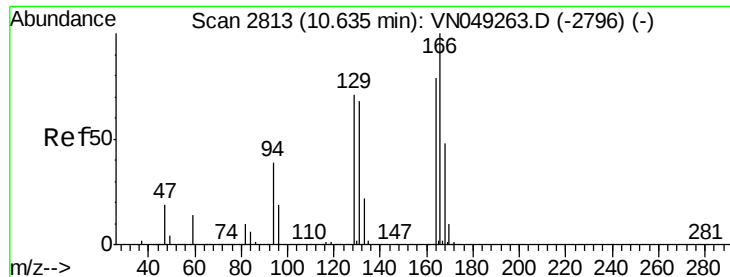
Abundance

Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049263.D (-3038) (-)

Time-->



#64

Tetrachloroethene

Concen: 136.343 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:164 Resp: 3039041

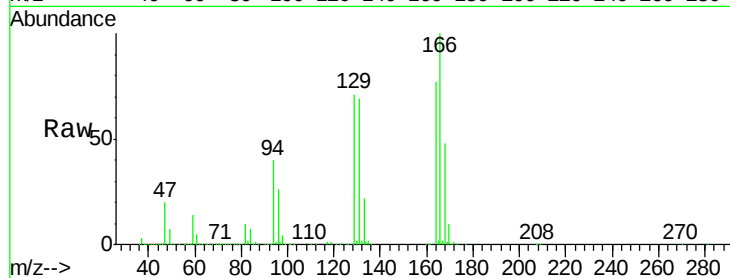
Ion Ratio Lower Upper

164 100

166 129.4 101.4 152.2

129 91.8 74.1 111.1

131 88.7 73.7 110.5

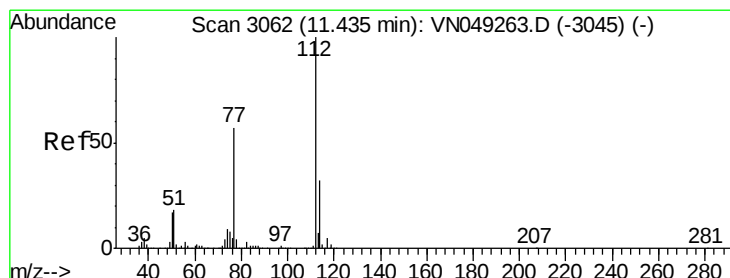
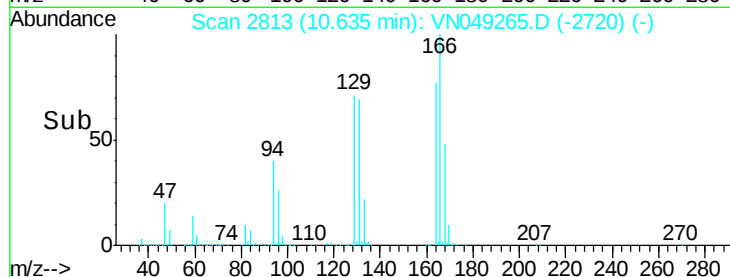
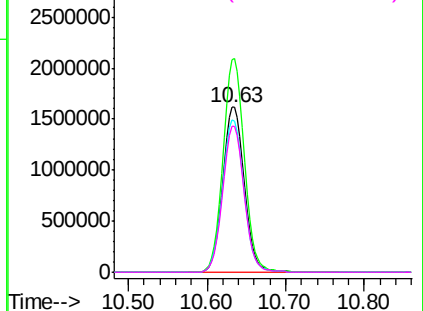


Abundance Ion 163.80 (163.50 to 164.50): V

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: 144.773 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049265.D

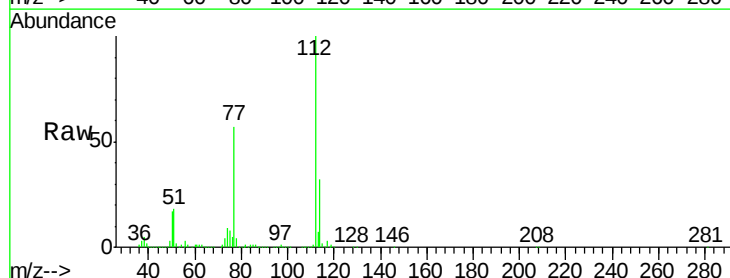
Acq: 15 Jun 2018 16:10

Tgt Ion:112 Resp: 8308693

Ion Ratio Lower Upper

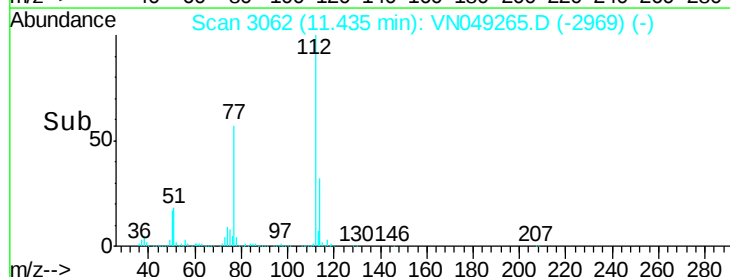
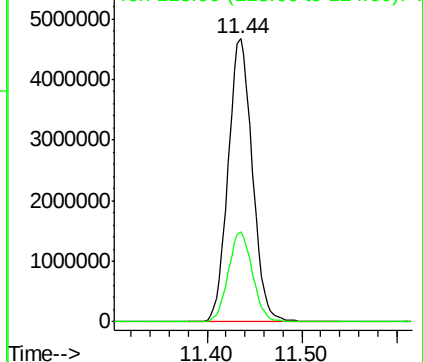
112 100

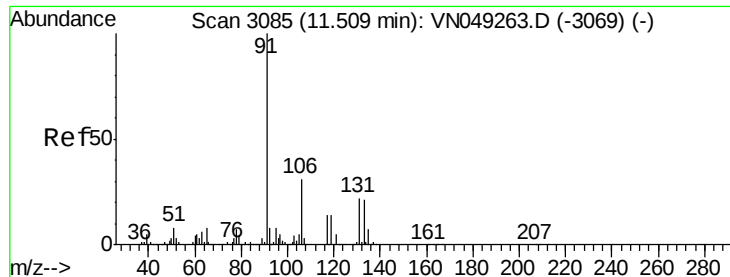
114 31.8 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 140.006 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

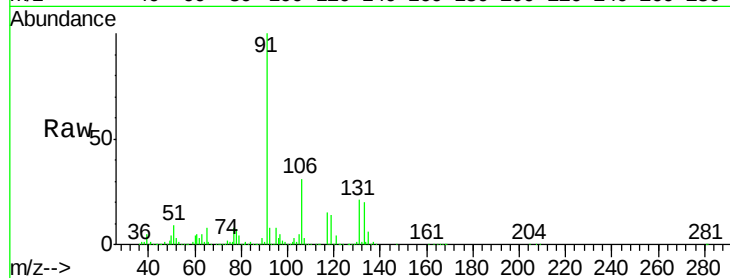
Tgt Ion:131 Resp: 3056330

Ion Ratio Lower Upper

131 100

133 95.0 48.0 144.2

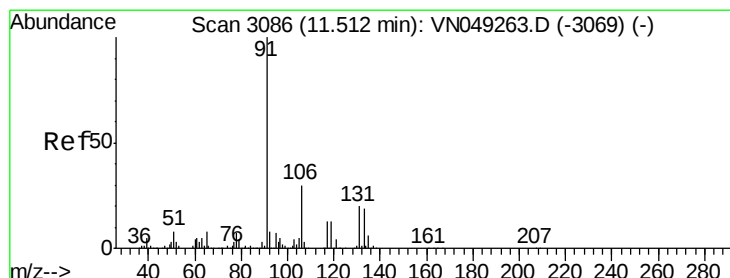
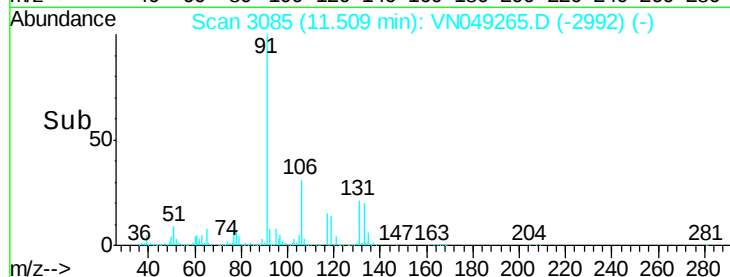
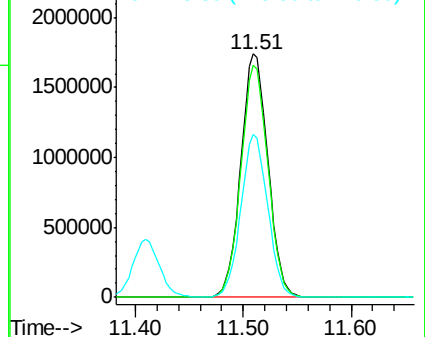
119 66.2 33.6 100.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 146.250 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049265.D

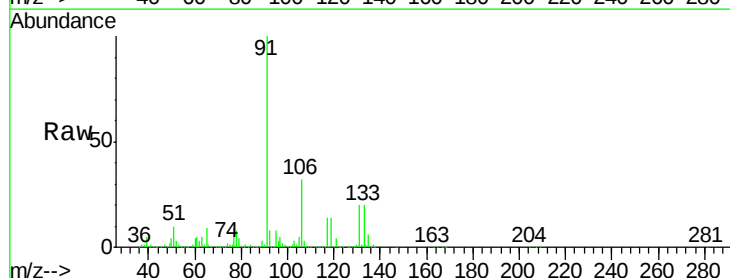
Acq: 15 Jun 2018 16:10

Tgt Ion: 91 Resp:14479963

Ion Ratio Lower Upper

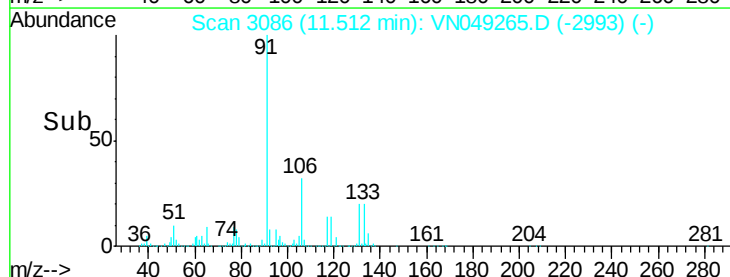
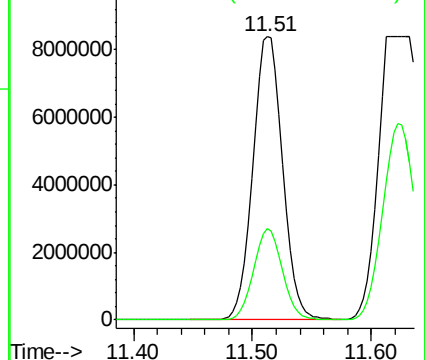
91 100

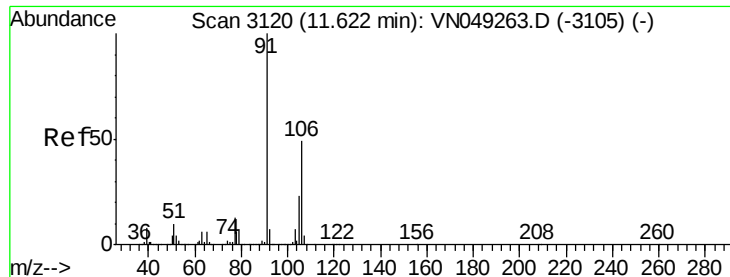
106 32.2 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

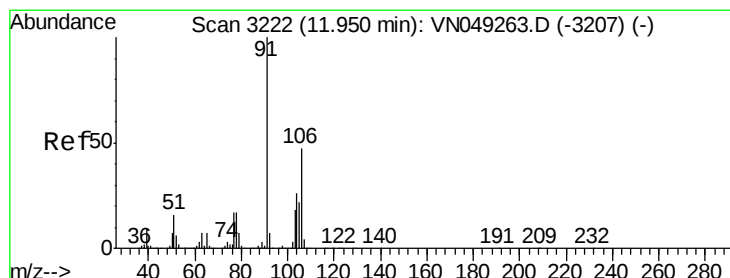
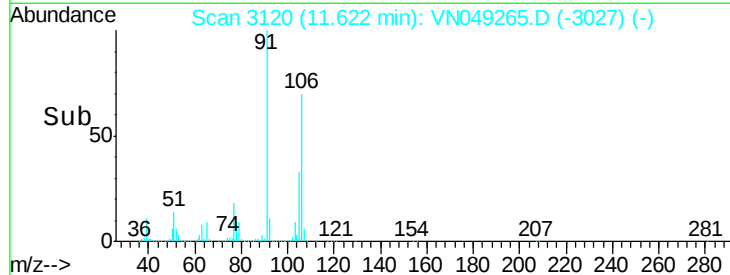
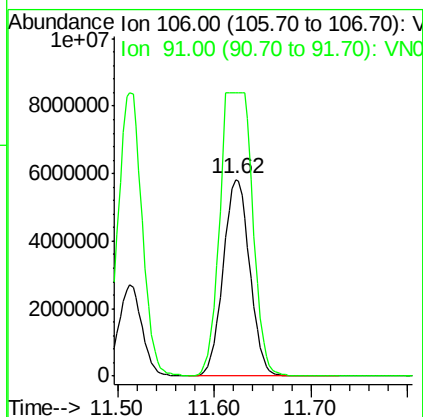
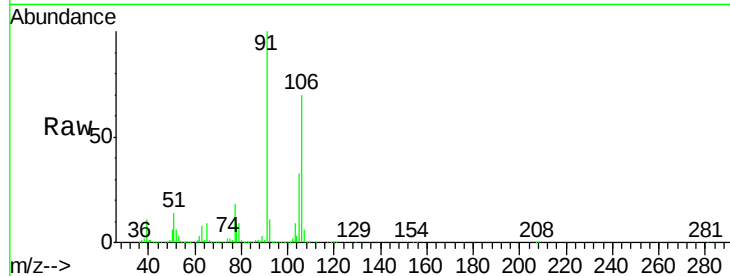




#68
m/p-Xylenes
Concen: 307.499 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

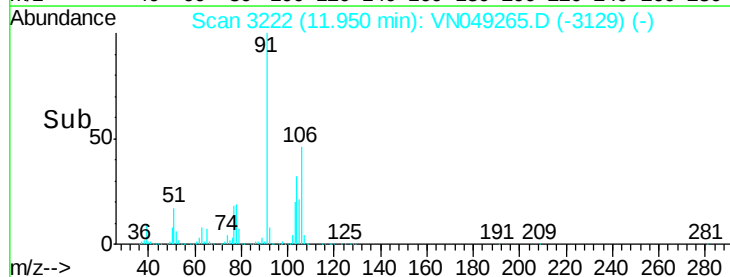
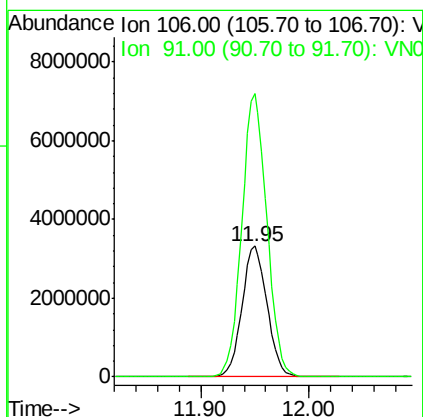
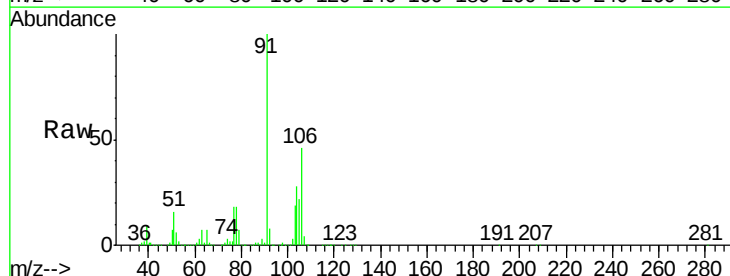
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

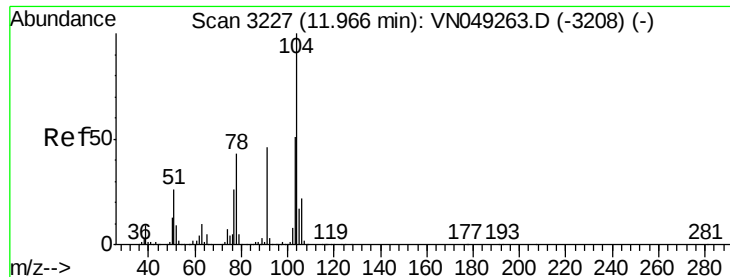
Tgt Ion:106 Resp:11133280
Ion Ratio Lower Upper
106 100
91 0.0 167.3 250.9#



#69
o-Xylene
Concen: 154.082 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

Tgt Ion:106 Resp: 5372541
Ion Ratio Lower Upper
106 100
91 216.2 111.0 333.0

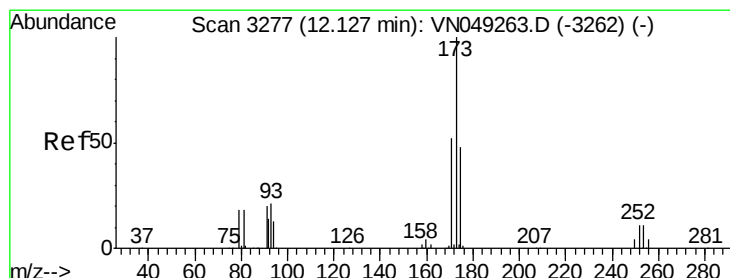
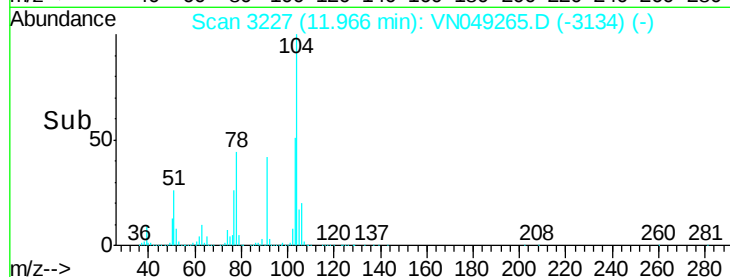
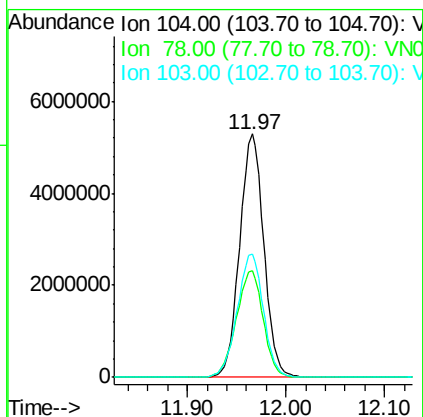
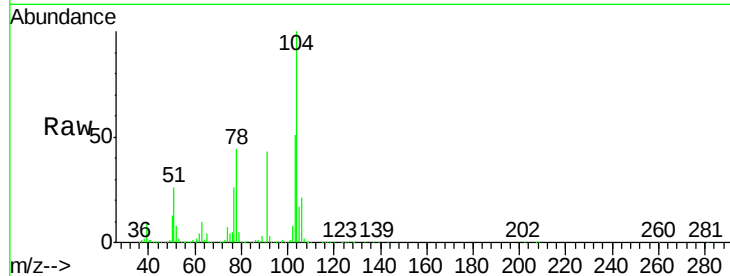




#70
Styrene
Concen: 162.228 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

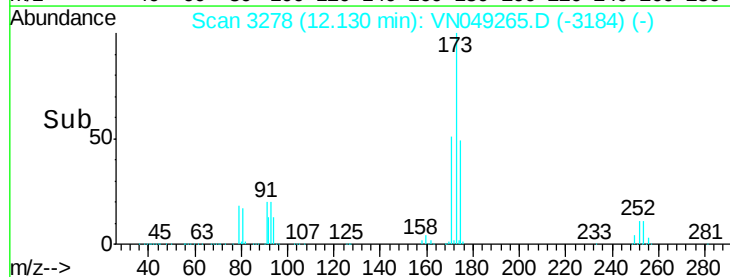
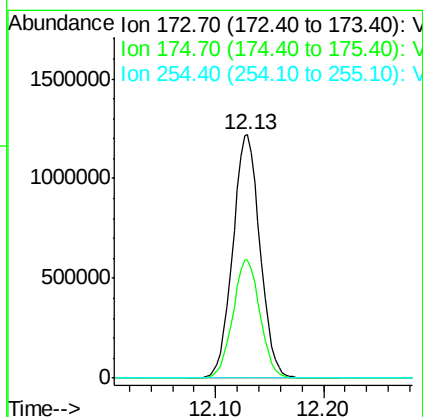
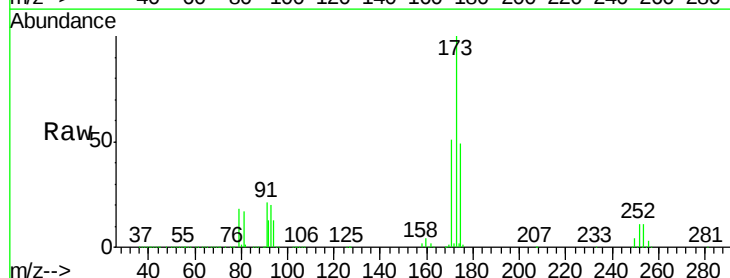
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

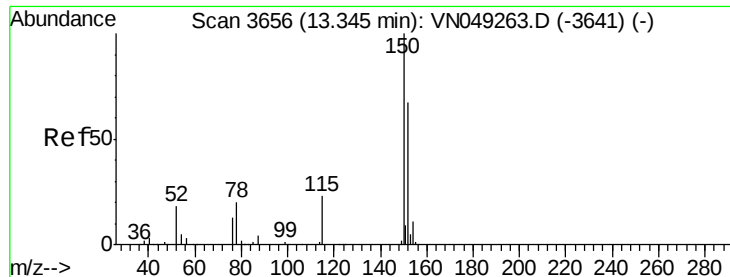
Tgt Ion:104 Resp: 8955383
Ion Ratio Lower Upper
104 100
78 48.8 41.6 62.4
103 55.2 45.4 68.2



#71
Bromoform
Concen: 156.818 ug/l
RT: 12.13 min Scan# 3278
Delta R.T. 0.00 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

Tgt Ion:173 Resp: 2139619
Ion Ratio Lower Upper
173 100
175 48.5 24.5 73.5
254 0.1 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

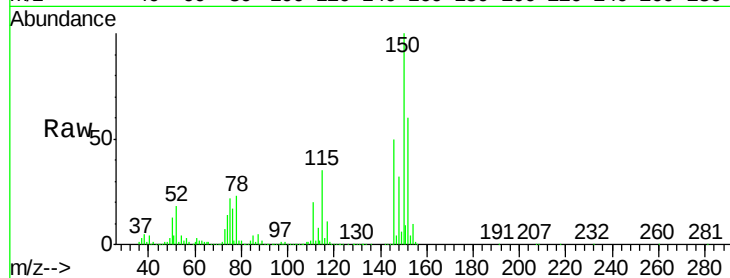
Tgt Ion:152 Resp: 1191845

Ion Ratio Lower Upper

152 100

115 56.7 28.7 86.1

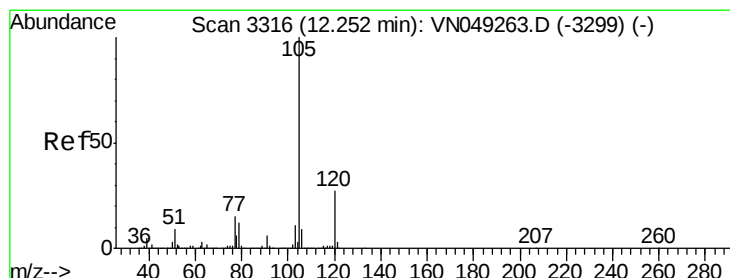
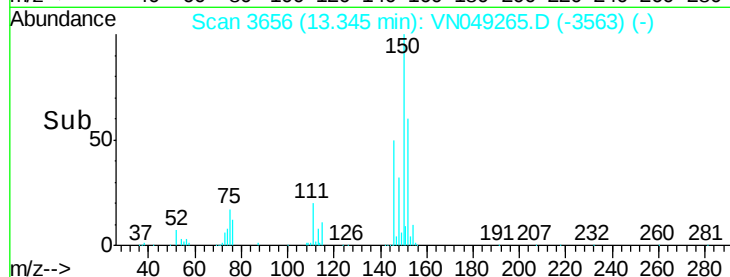
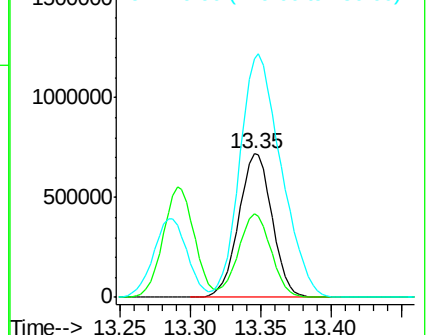
150 209.9 0.0 351.0



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: 123.489 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049265.D

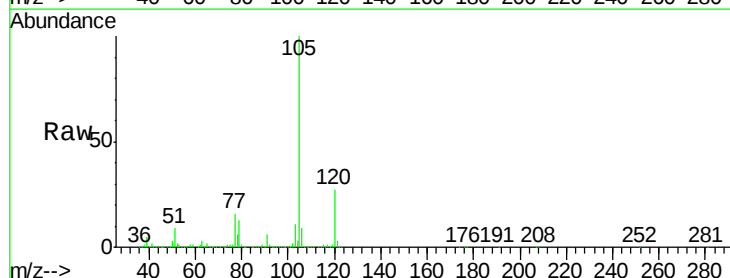
Acq: 15 Jun 2018 16:10

Tgt Ion:105 Resp:14136580

Ion Ratio Lower Upper

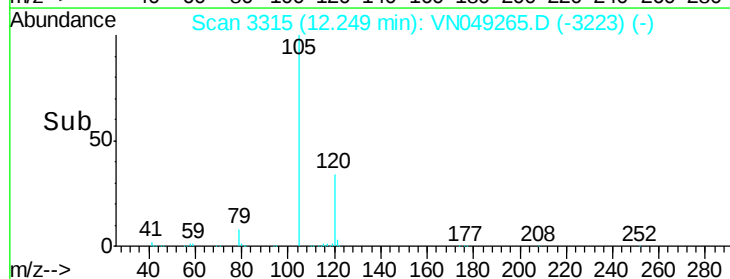
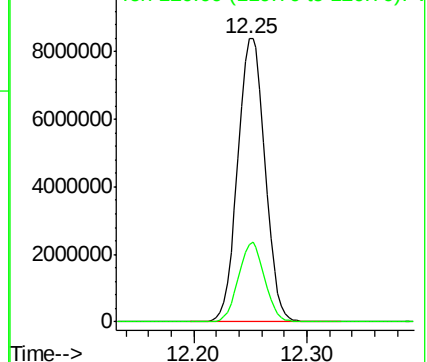
105 100

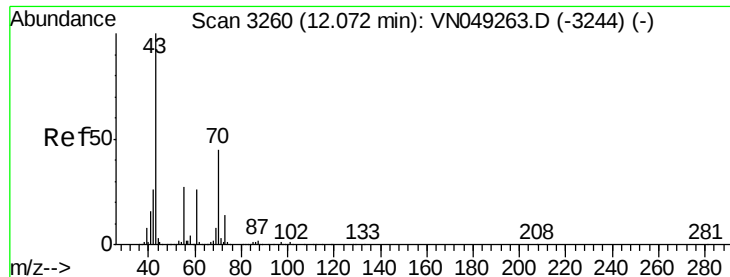
120 26.9 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 117.282 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 3824586

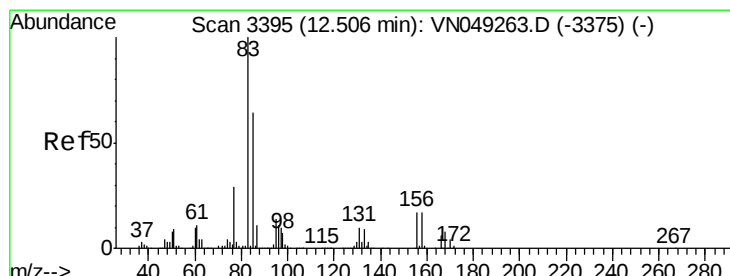
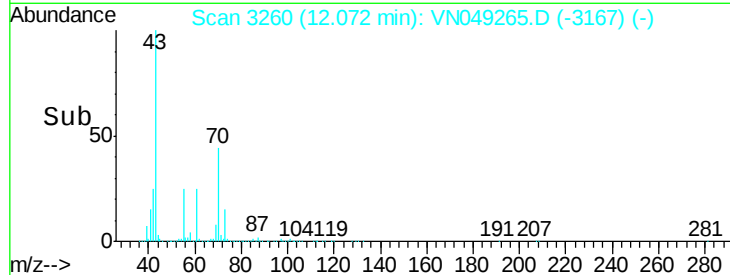
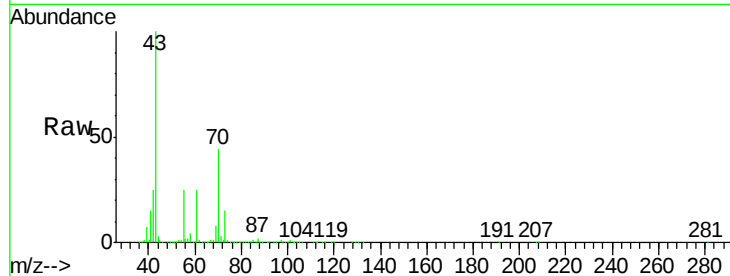
Ion	Ratio	Lower	Upper
43	100		
70	44.1	30.3	45.5
55	25.1	19.4	29.2
61	25.3	17.8	26.6

Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 106.616 ug/l

RT: 12.51 min Scan# 3395

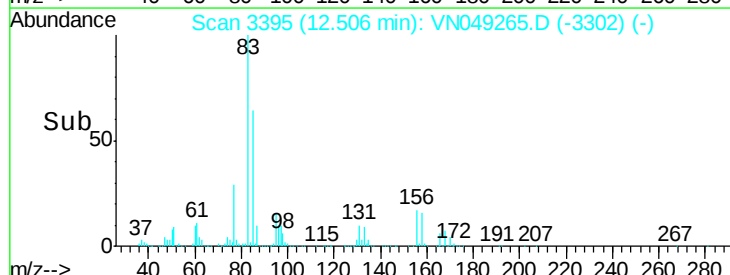
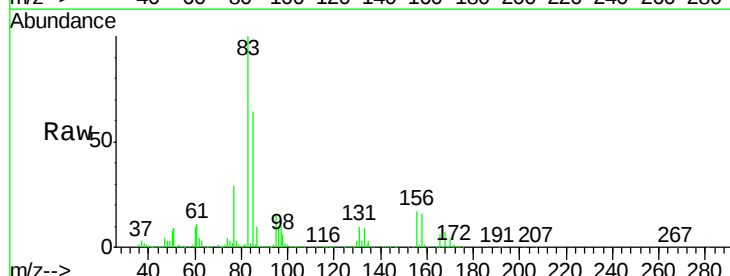
Delta R.T. 0.00 min

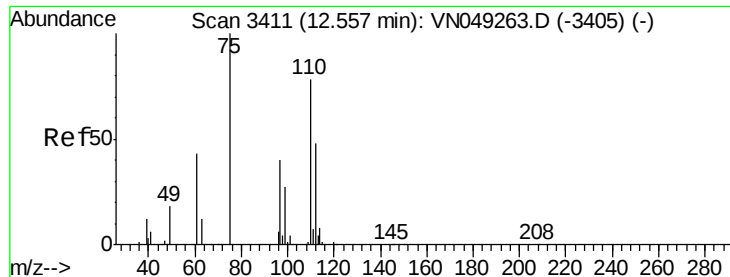
Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Tgt Ion: 83 Resp: 3114886

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.0	15.0
85	64.0	32.0	96.0





#76

1,2,3-Trichloropropane

Concen: 172.546 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

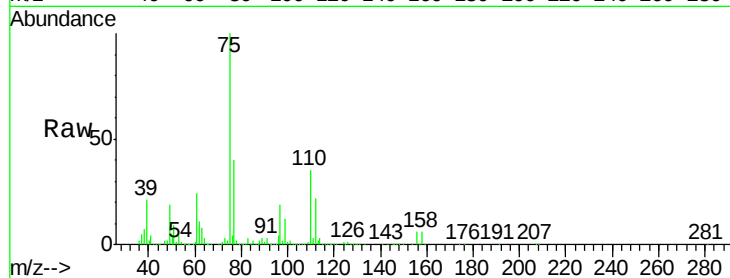
VSTDIC150

Tgt Ion: 75 Resp: 4012310

Ion Ratio Lower Upper

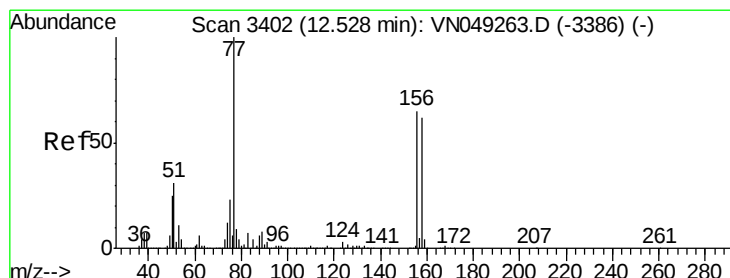
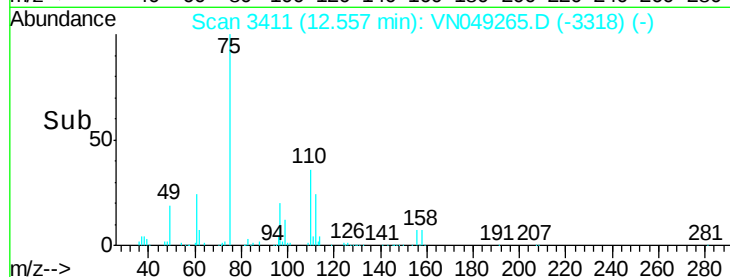
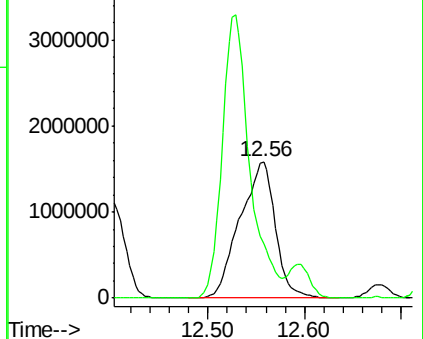
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049265.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN049265.D (-3405) (-)



#77

Bromobenzene

Concen: 127.331 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

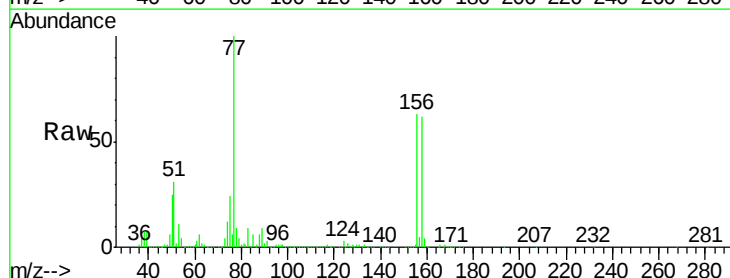
Tgt Ion: 156 Resp: 3577483

Ion Ratio Lower Upper

156 100

77 182.4 100.8 302.4

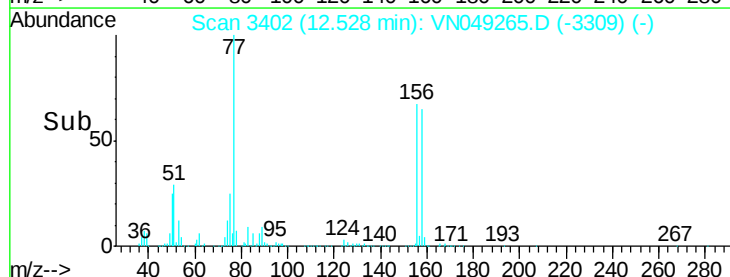
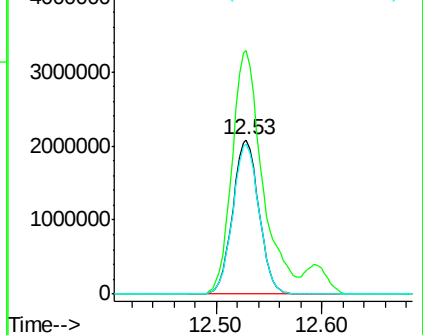
158 97.4 49.3 147.9

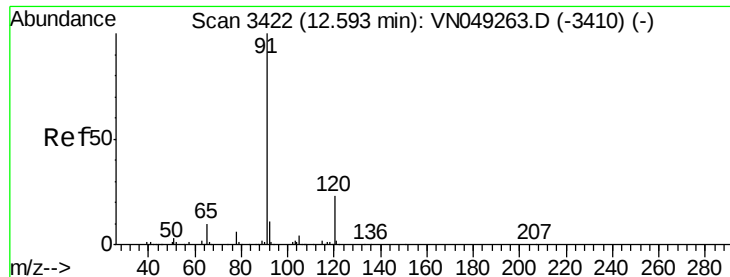


Abundance Ion 155.80 (155.50 to 156.50): VN049265.D (-3386) (-)

Ion 77.00 (76.70 to 77.70): VN049265.D (-3386) (-)

Ion 157.80 (157.50 to 158.50): VN049265.D (-3386) (-)





#78

n-propylbenzene

Concen: 121.259 ug/l

RT: 12.59 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

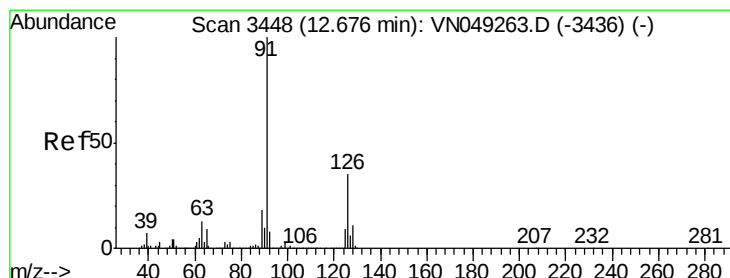
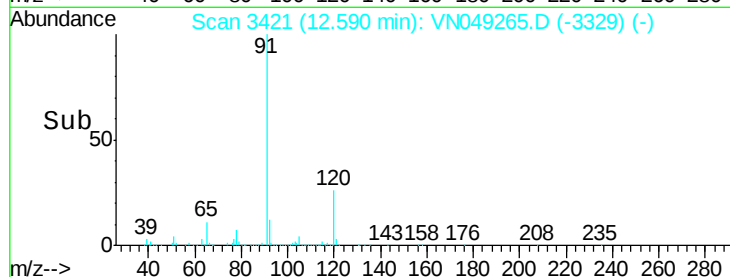
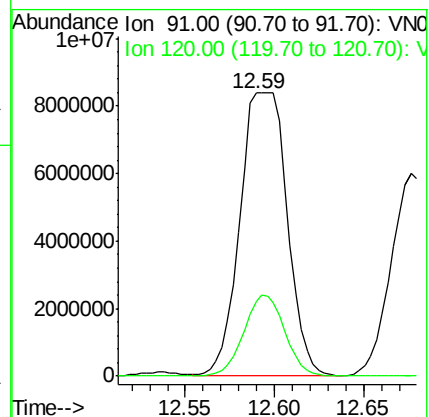
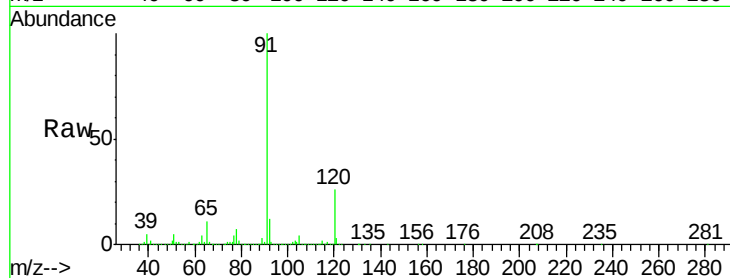
VSTDIC150

Tgt Ion: 91 Resp:15420536

Ion Ratio Lower Upper

91 100

120 24.8 11.2 33.5



#79

2-Chlorotoluene

Concen: 122.219 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049265.D

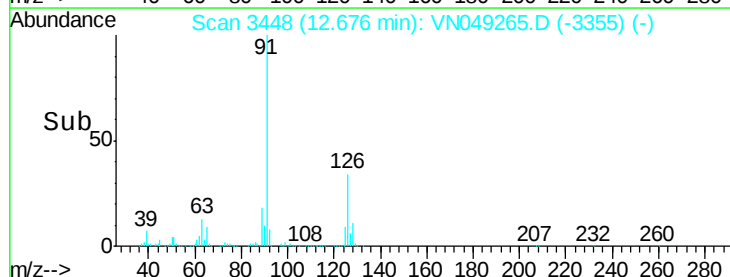
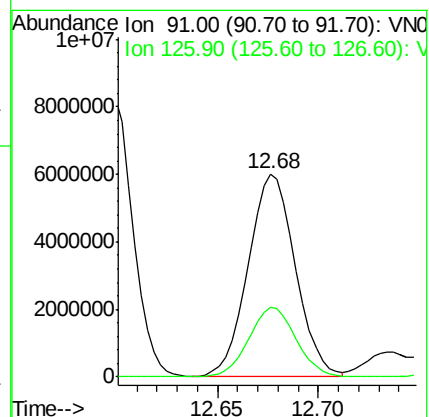
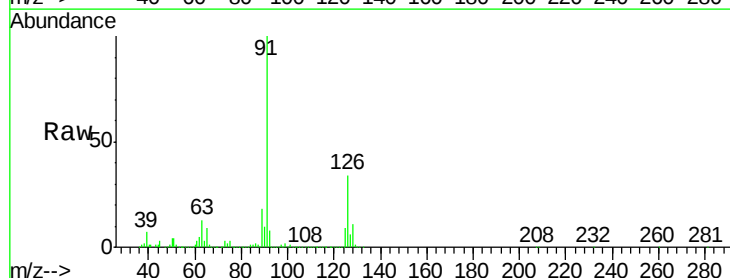
Acq: 15 Jun 2018 16:10

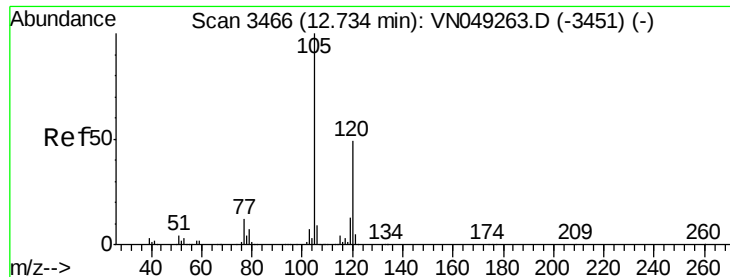
Tgt Ion: 91 Resp: 9802203

Ion Ratio Lower Upper

91 100

126 34.6 16.6 49.8

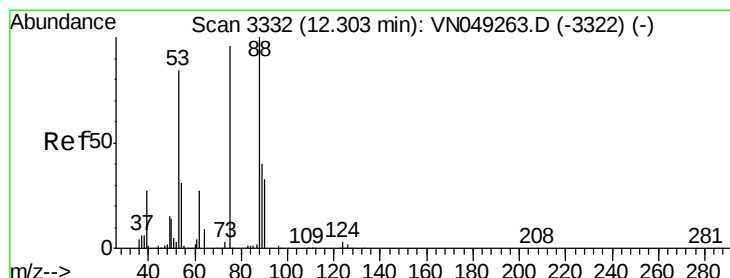
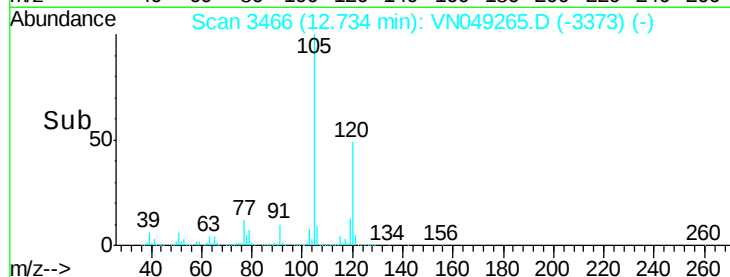
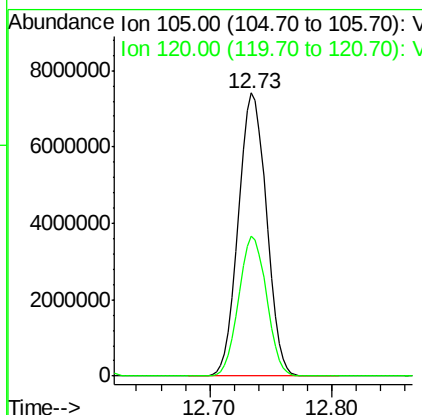
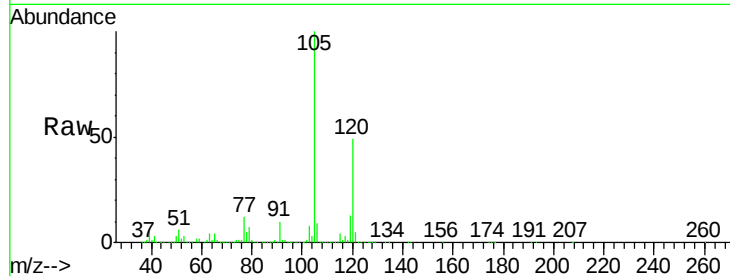




#80
 1,3,5-Trimethylbenzene
 Concen: 134.035 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN049265.D
 Acq: 15 Jun 2018 16:10

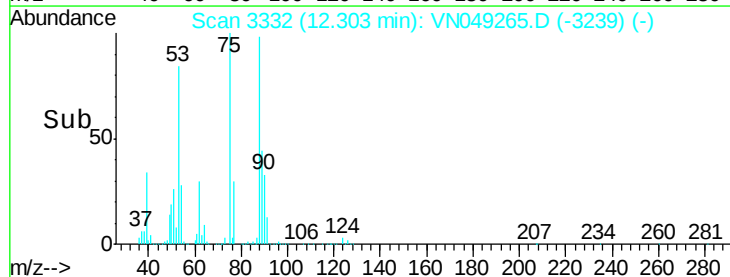
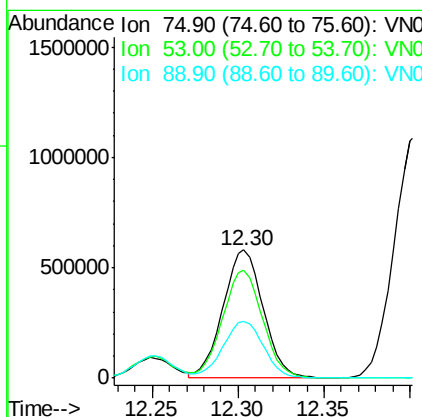
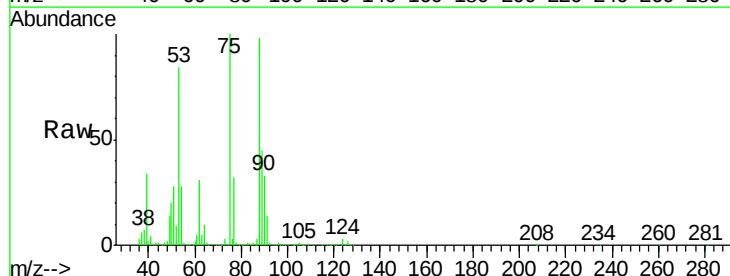
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

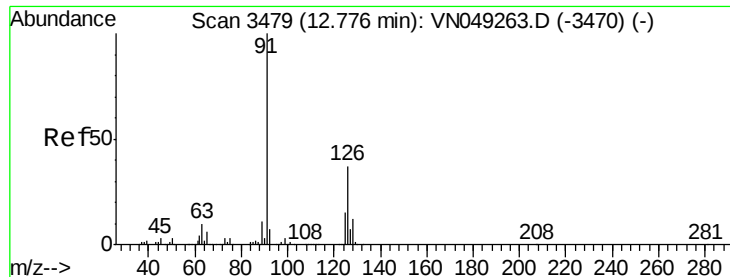
Tgt Ion:105 Resp:11764796
 Ion Ratio Lower Upper
 105 100
 120 49.1 23.5 70.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.386 ug/l
 RT: 12.30 min Scan# 3332
 Delta R.T. 0.00 min
 Lab File: VN049265.D
 Acq: 15 Jun 2018 16:10

Tgt Ion: 75 Resp: 937250
 Ion Ratio Lower Upper
 75 100
 53 85.3 82.7 124.1
 89 45.1 36.5 54.7

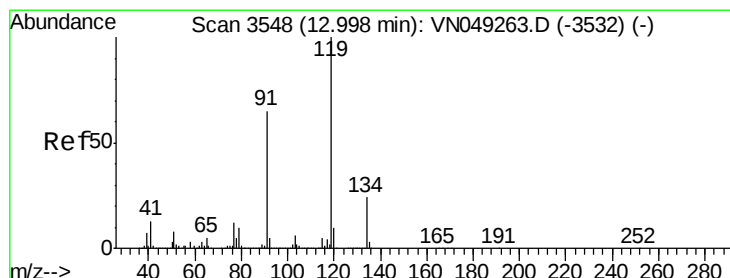
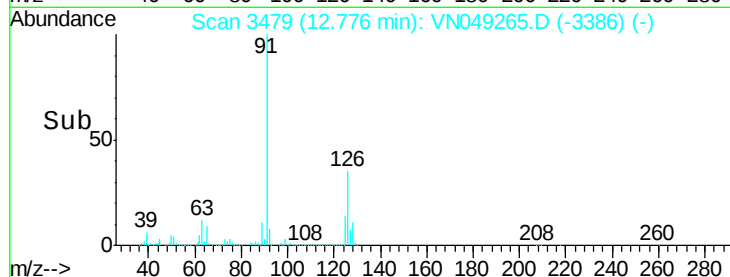
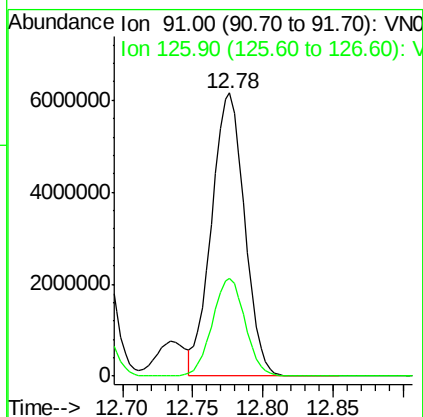
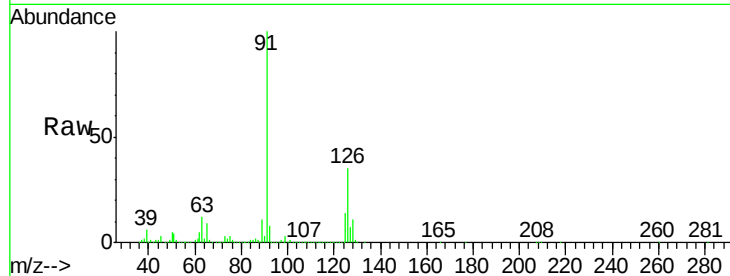




#82
4-Chlorotoluene
Concen: 131.070 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

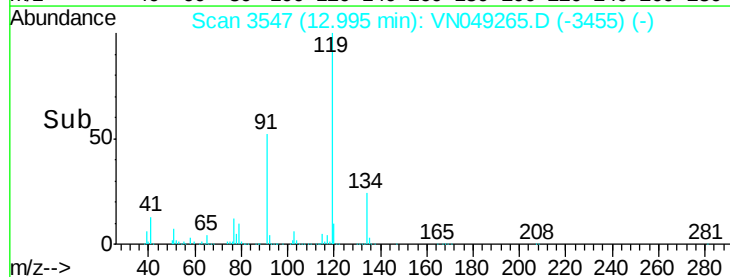
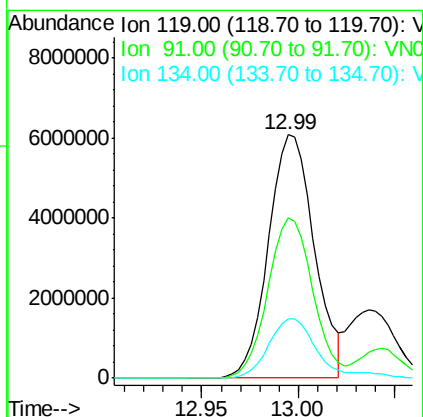
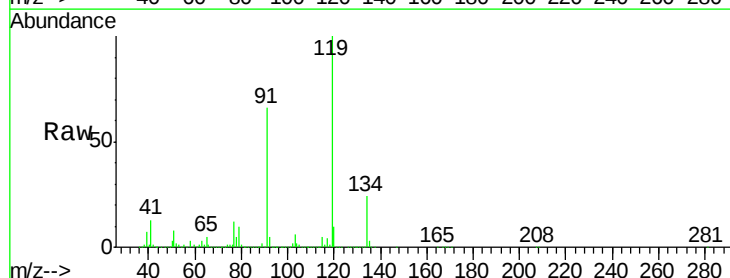
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

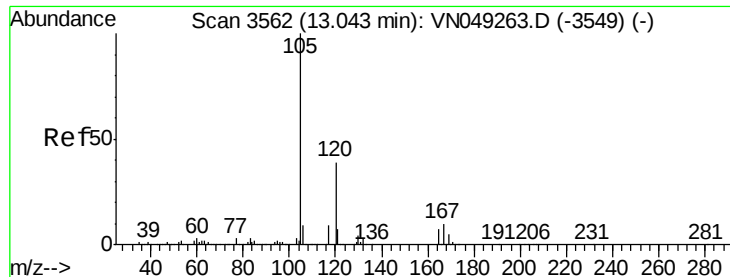
Tgt Ion: 91 Resp: 9971111
Ion Ratio Lower Upper
91 100
126 34.3 16.4 49.1



#83
tert-Butylbenzene
Concen: 132.738 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN049265.D
Acq: 15 Jun 2018 16:10

Tgt Ion: 119 Resp: 10036500
Ion Ratio Lower Upper
119 100
91 64.3 33.7 101.0
134 26.0 12.9 38.6

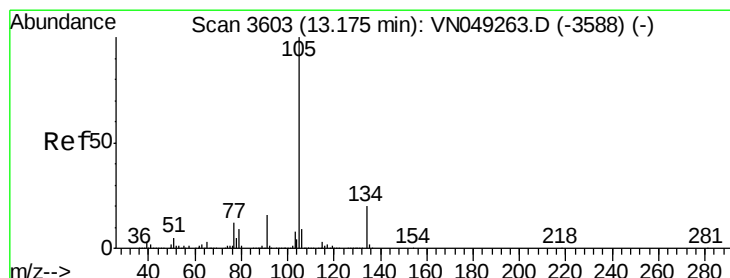
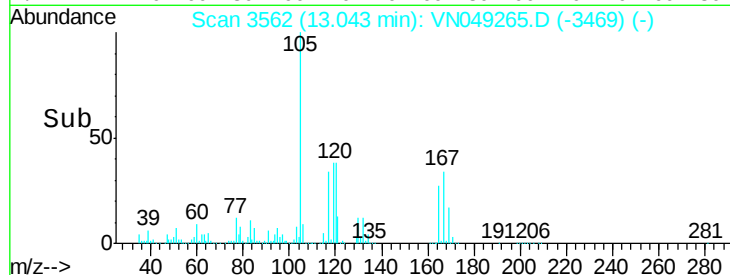
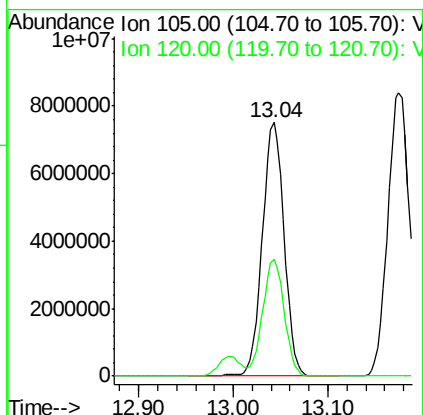
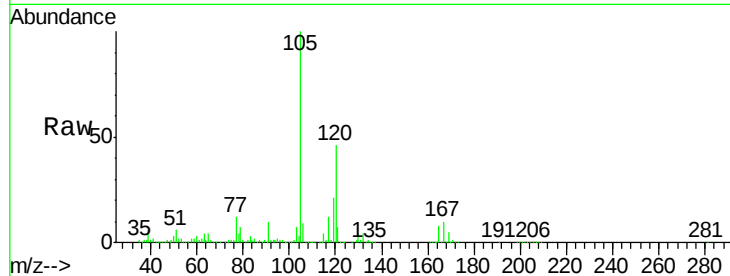




#84
 1,2,4-Trimethylbenzene
 Concen: 137.515 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049265.D
 Acq: 15 Jun 2018 16:10

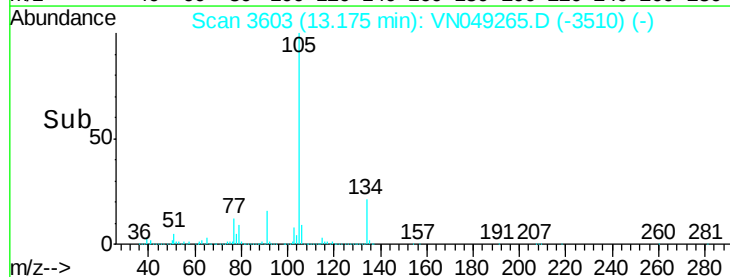
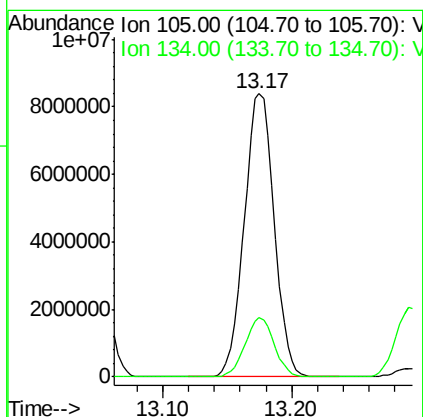
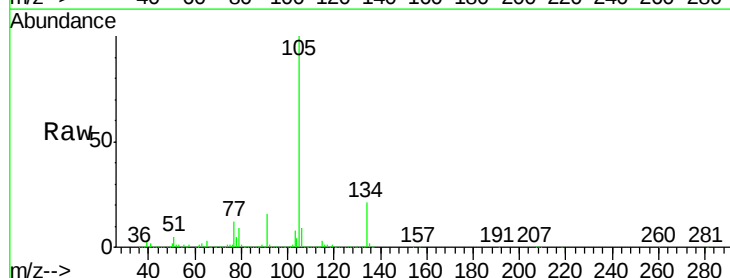
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

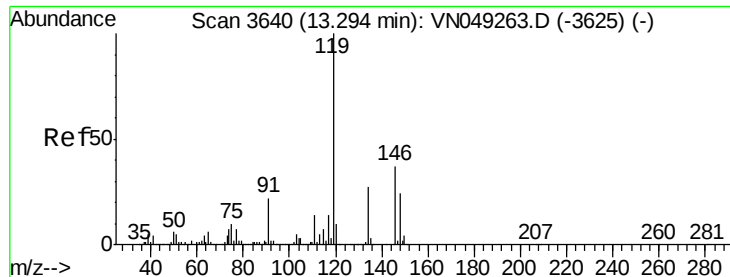
Tgt Ion:105 Resp:11997237
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 134.316 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049265.D
 Acq: 15 Jun 2018 16:10

Tgt Ion:105 Resp:13539429
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3

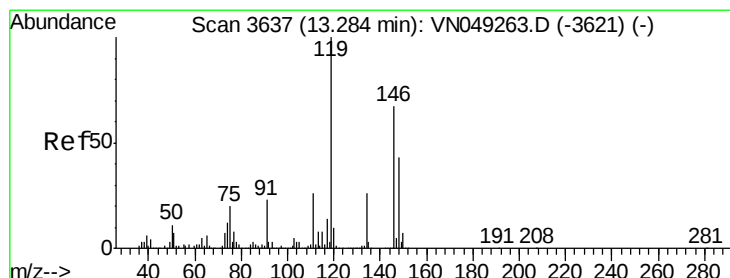
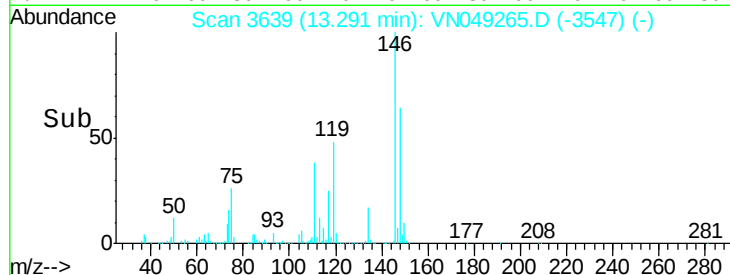
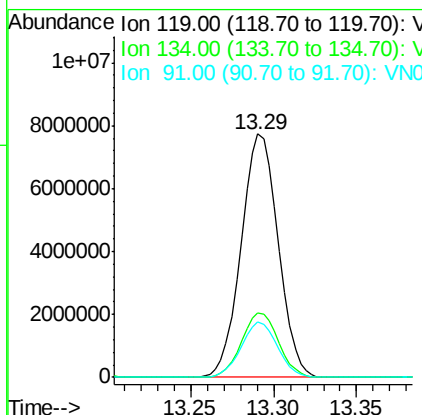
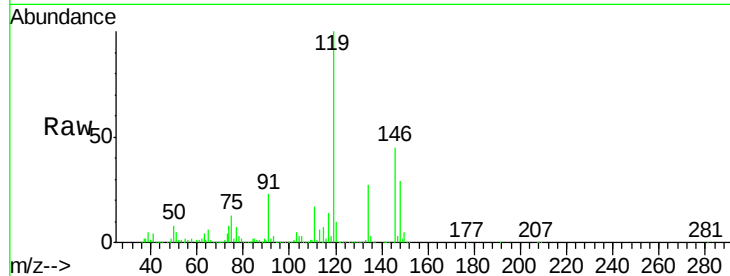




#86
 p-Isopropyltoluene
 Concen: 146.760 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: VN049265.D
 Acq: 15 Jun 2018 16:10

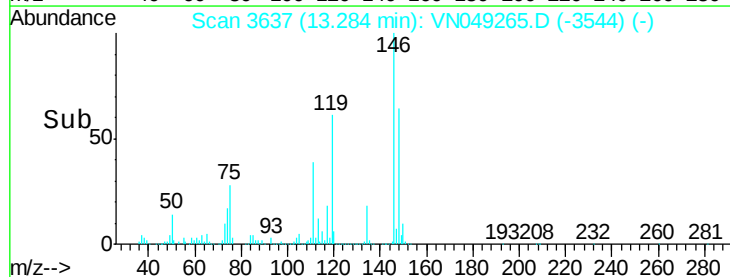
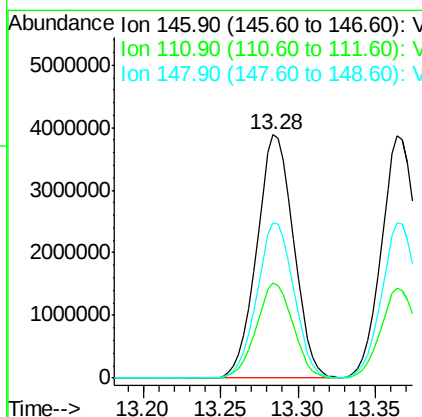
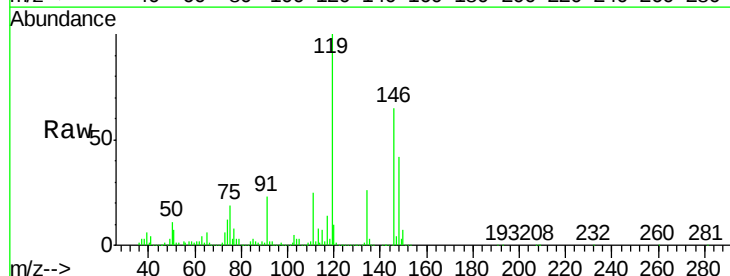
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

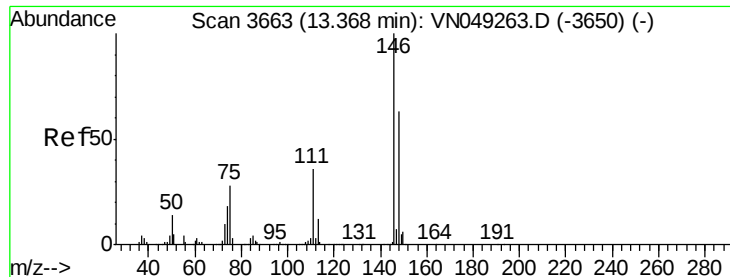
Tgt Ion:119 Resp:11981570
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.6
 91 22.3 12.1 36.3



#87
 1,3-Dichlorobenzene
 Concen: 143.839 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049265.D
 Acq: 15 Jun 2018 16:10

Tgt Ion:146 Resp: 6441805
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.9 59.6
 148 64.1 32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 142.005 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

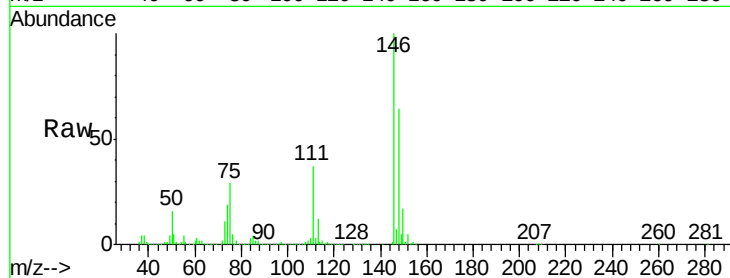
Tgt Ion:146 Resp: 6263784

Ion Ratio Lower Upper

146 100

111 37.2 19.1 57.1

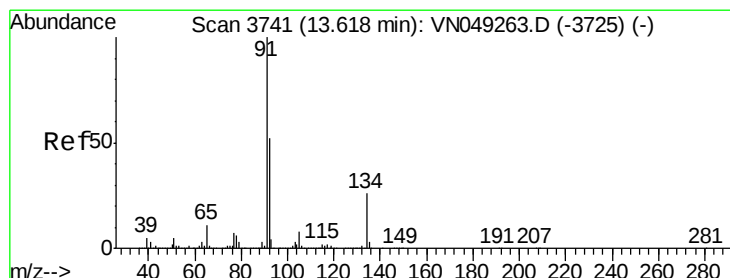
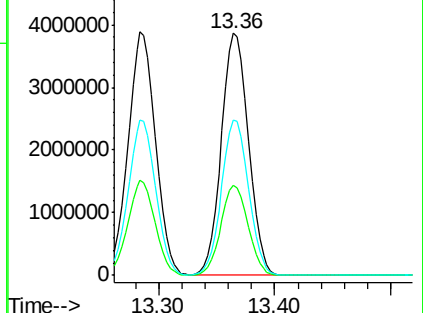
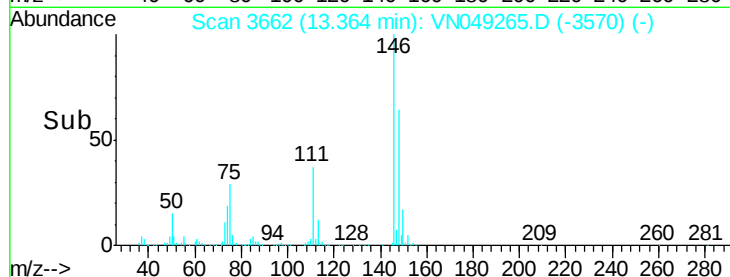
148 64.0 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 160.981 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

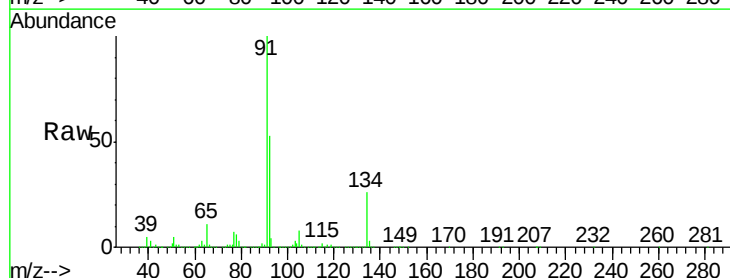
Tgt Ion: 91 Resp:10145969

Ion Ratio Lower Upper

91 100

92 52.6 25.1 75.4

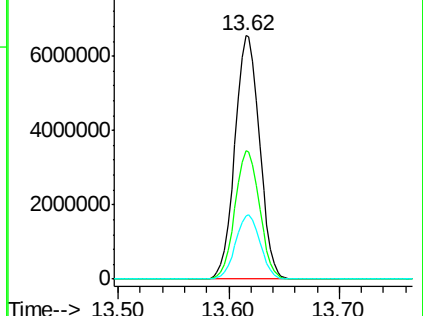
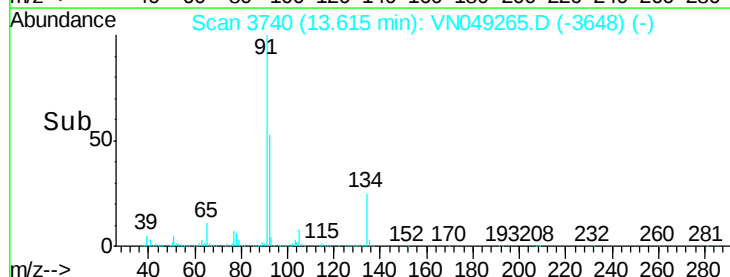
134 26.4 12.0 36.0

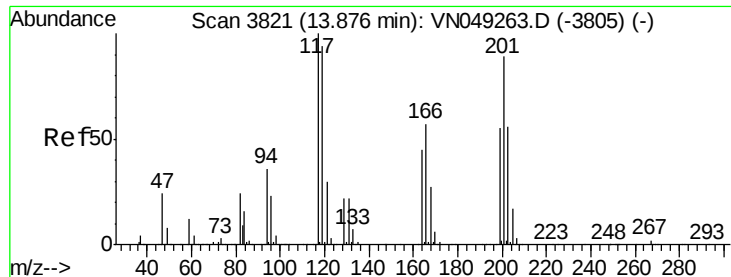


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 116.059 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampled :

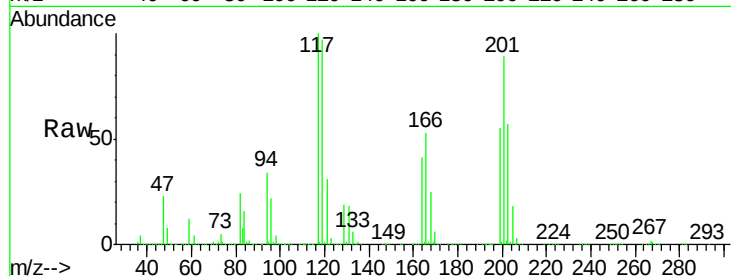
VSTDIC150

Tgt Ion:117 Resp: 2233292

Ion Ratio Lower Upper

117 100

201 89.8 40.1 120.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.88

1500000

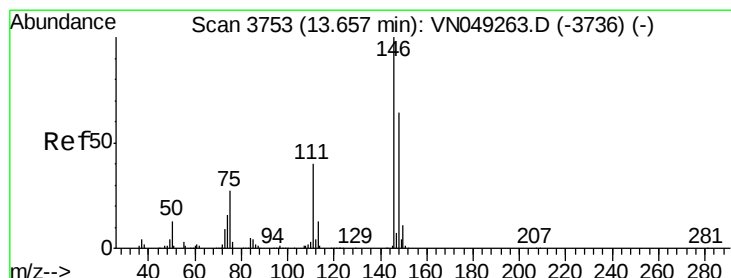
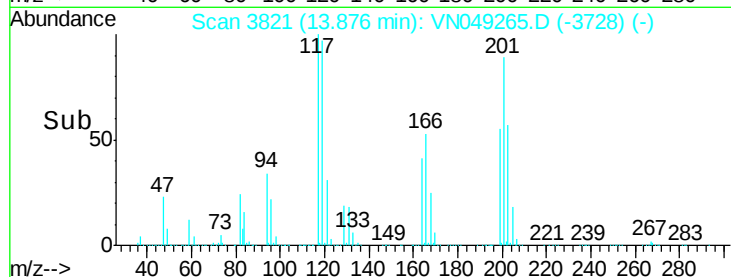
1000000

500000

0

Time-->

13.80 13.85 13.90 13.95



#91

1,2-Dichlorobenzene

Concen: 137.063 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

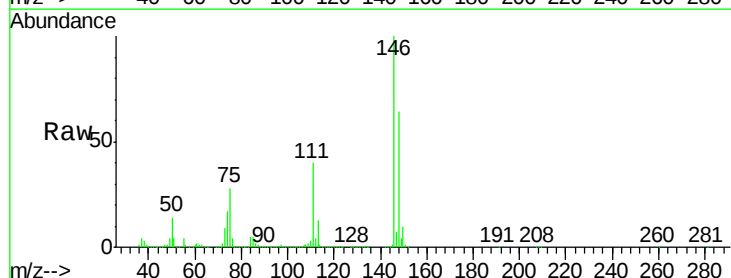
Tgt Ion:146 Resp: 6038424

Ion Ratio Lower Upper

146 100

111 39.9 20.8 62.2

148 64.2 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.65

5000000

4000000

3000000

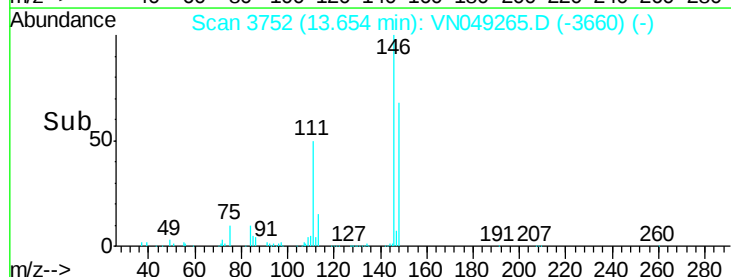
2000000

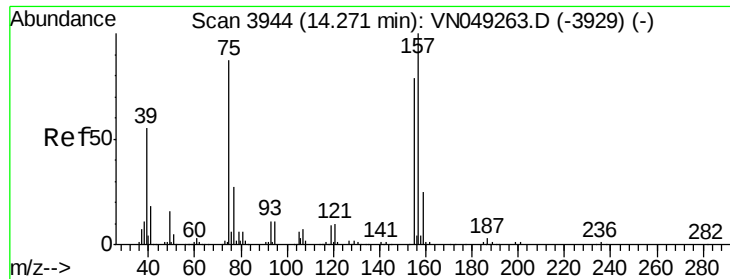
1000000

0

Time-->

13.60 13.70





#92

1,2-Dibromo-3-Chloropropane

Concen: 123.916 ug/l

RT: 14.27 min Scan# 3945

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

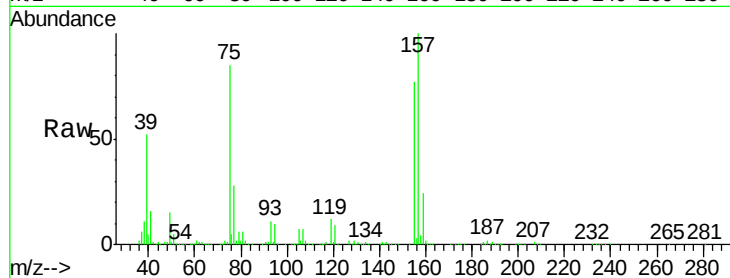
Tgt Ion: 75 Resp: 493421

Ion Ratio Lower Upper

75 100

155 89.7 38.8 116.3

157 116.5 51.0 153.1

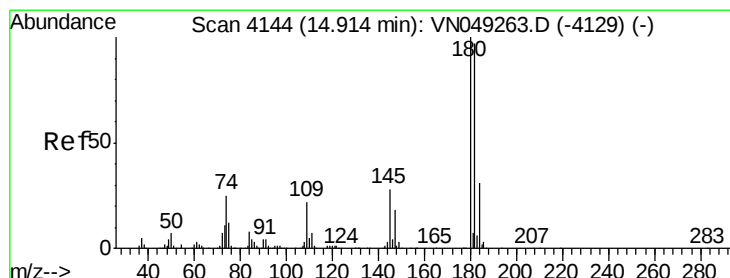
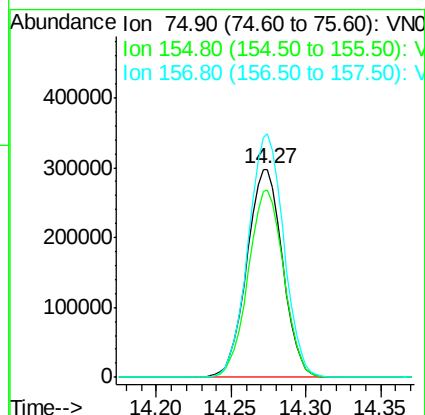
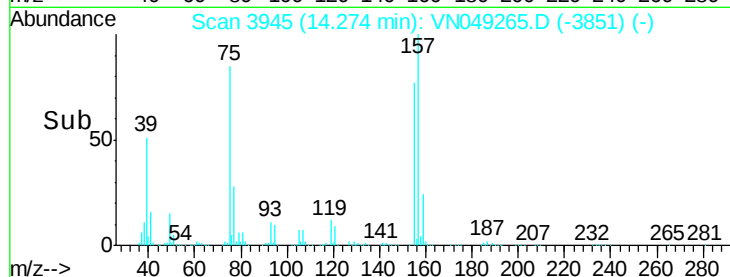


Abundance Ion 74.90 (74.60 to 75.60): VN049263.D (-3929) (-)

Ion 154.80 (154.50 to 155.50): VN049263.D (-3929) (-)

Ion 156.80 (156.50 to 157.50): VN049263.D (-3929) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 206.635 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. -0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

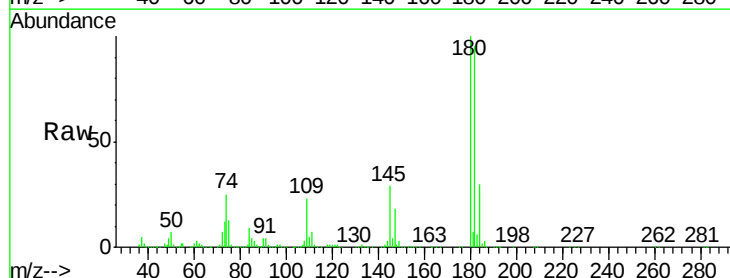
Tgt Ion: 180 Resp: 3339523

Ion Ratio Lower Upper

180 100

182 94.8 46.9 140.8

145 28.6 14.7 44.1

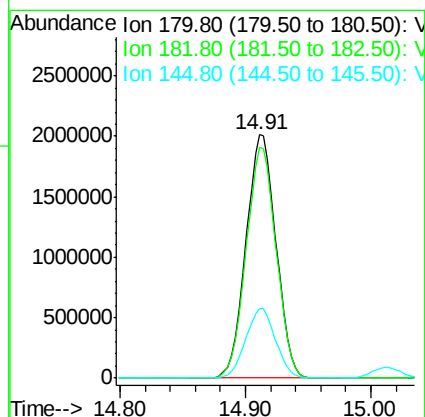
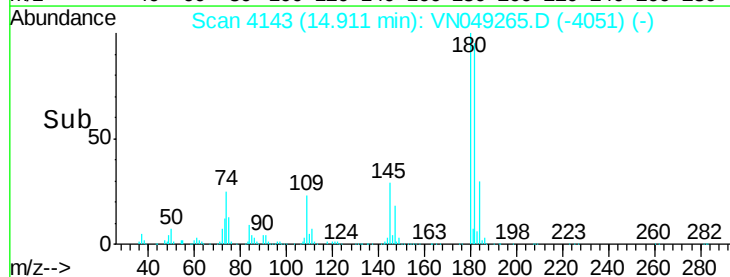


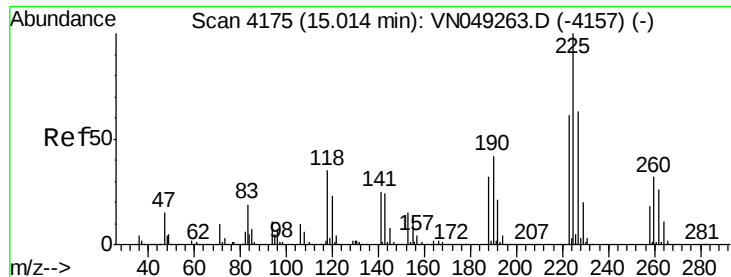
Abundance Ion 179.80 (179.50 to 180.50): VN049263.D (-4129) (-)

Ion 181.80 (181.50 to 182.50): VN049263.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN049263.D (-4129) (-)

Time-->





#94

Hexachlorobutadiene

Concen: 140.413 ug/l

RT: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

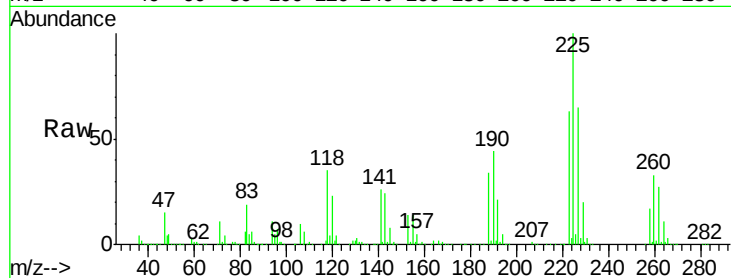
Tgt Ion:225 Resp: 1870670

Ion Ratio Lower Upper

225 100

223 62.4 32.1 96.3

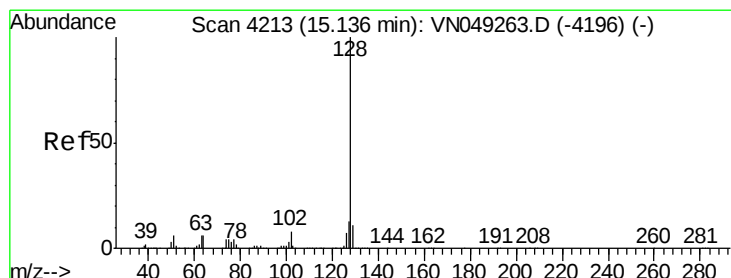
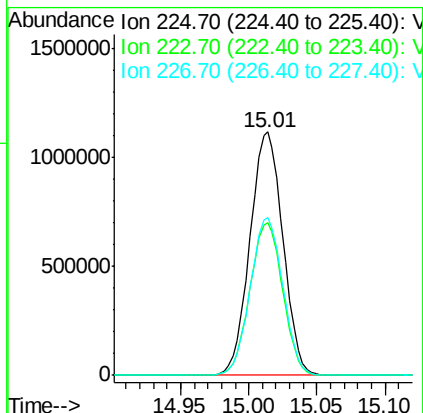
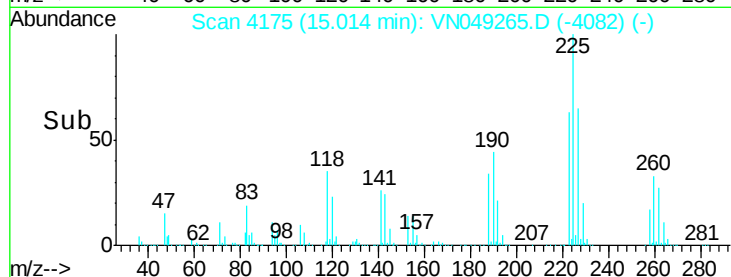
227 64.1 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 199.701 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049265.D

Acq: 15 Jun 2018 16:10

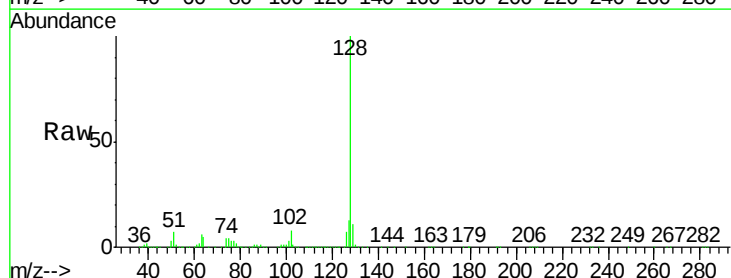
Tgt Ion:128 Resp: 7029196

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

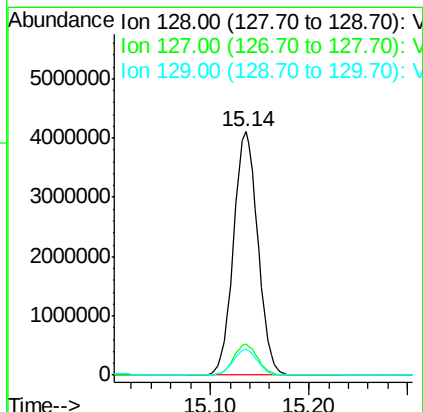
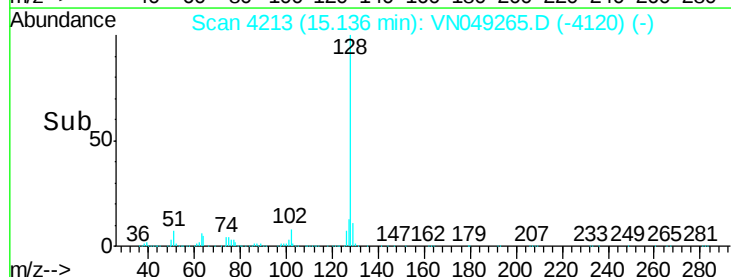
129 10.6 8.5 12.7

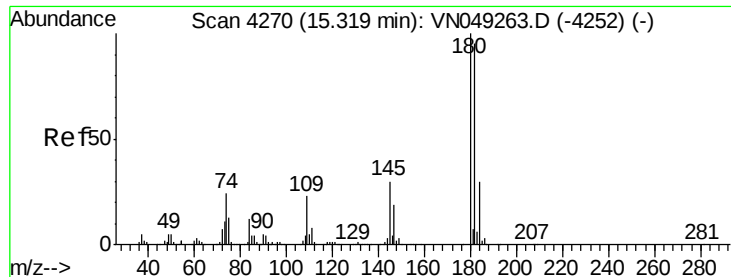


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

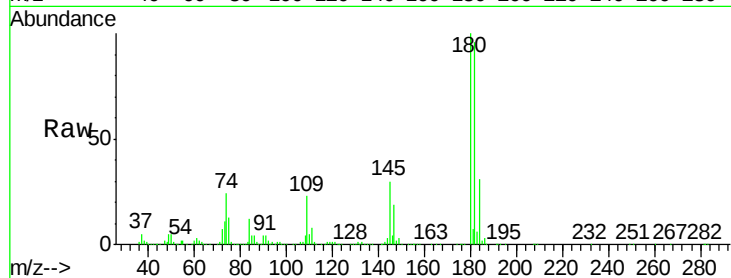




#96
 1,2,3-Trichlorobenzene
 Concen: 182.948 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. -0.00 min
 Lab File: VN049265.D
 Acq: 15 Jun 2018 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	141.8
145	30.3	15.6	46.7



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

