

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051620\
 Data File : VN061418.D
 Acq On : 15 May 2020 20:12
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: May 16 03:03:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051620W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 02:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	145981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	268274	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	238898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	98035	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	967	0.661 ug/l	93
3) Chloromethane	2.03	50	2753	1.434 ug/l #	85
4) Vinyl Chloride	2.16	62	3820	1.633 ug/l	99
6) Chloroethane	2.68	64	3320	2.194 ug/l #	83
7) Trichlorofluoromethane	2.98	101	5670	2.158 ug/l	100
8) Diethyl Ether	3.38	74	953m	0.974 ug/l	
9) 1,1,2-Trichlorotrifluoroet	3.71	101	1228	0.816 ug/l #	76
12) 1,1-Dichloroethene	3.69	96	1582	1.043 ug/l #	77
14) Allyl chloride	4.28	41	3139	1.146 ug/l #	47
15) Acrylonitrile	4.94	53	3233m	3.582 ug/l	
16) Acetone	3.77	43	4378	4.021 ug/l	92
17) Carbon Disulfide	4.01	76	4493	1.098 ug/l #	94
18) Methyl Acetate	4.28	43	2114m	0.718 ug/l	
19) Methyl tert-butyl Ether	4.99	73	5753	0.987 ug/l	97
20) Methylene Chloride	4.51	84	1708	0.960 ug/l #	92
21) trans-1,2-Dichloroethene	4.99	96	1793m	1.075 ug/l	
22) Diisopropyl ether	5.90	45	5516	0.855 ug/l #	75
23) Vinyl Acetate	5.84	43	23376	4.504 ug/l	98
24) 1,1-Dichloroethane	5.80	63	3111	0.909 ug/l #	82
25) 2-Butanone	6.78	43	4769m	3.738 ug/l	
26) 2,2-Dichloropropane	6.77	77	3164	1.093 ug/l #	74
27) cis-1,2-Dichloroethene	6.78	96	1962	0.993 ug/l	98
28) Bromochloromethane	7.15	49	1150m	0.699 ug/l	
29) Tetrahydrofuran	7.16	42	3152	3.651 ug/l	96
30) Chloroform	7.33	83	3512	1.007 ug/l #	81
32) 1,1,1-Trichloroethane	7.53	97	2951	0.966 ug/l #	51
36) 1,1-Dichloropropene	7.75	75	2884	1.085 ug/l #	88
37) Ethyl Acetate	6.88	43	2410m	0.810 ug/l	
38) Carbon Tetrachloride	7.73	117	1813	0.844 ug/l	95
39) Methylcyclohexane	9.04	83	3142	1.037 ug/l	98
40) Benzene	8.00	78	7854	0.987 ug/l	91
41) Methacrylonitrile	7.12	41	939	0.731 ug/l #	76
42) 1,2-Dichloroethane	8.09	62	2750	0.920 ug/l #	76
43) Isopropyl Acetate	8.13	43	4565	0.906 ug/l #	86

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 ALS Vial : 12 Sample Multiplier: 1

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 ClientSampleId :
 VSTDIC001

Quant Time: May 16 03:03:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051620W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 02:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	1945	0.909	ug/l	96
45) 1,2-Dichloropropane	9.09	63	1838	0.870	ug/l	98
46) Dibromomethane	9.18	93	1170	0.887	ug/l	98
47) Bromodichloromethane	9.37	83	2933	1.036	ug/l #	83
48) Methyl methacrylate	9.17	41	2016	0.889	ug/l	91
49) 1,4-Dioxane	9.17	88	187	7.685	ug/l #	35
51) 4-Methyl-2-Pentanone	9.95	43	11533	3.945	ug/l	93
52) Toluene	10.12	92	4496	0.930	ug/l	89
53) t-1,3-Dichloropropene	10.36	75	2936	0.921	ug/l	91
54) cis-1,3-Dichloropropene	9.81	75	3300	0.980	ug/l #	88
55) 1,1,2-Trichloroethane	10.53	97	1642	0.857	ug/l	92
56) Ethyl methacrylate	10.40	69	2701	0.935	ug/l #	77
57) 1,3-Dichloropropane	10.68	76	2826	0.844	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.66	63	5318	3.512	ug/l	95
59) 2-Hexanone	10.72	43	7480	3.549	ug/l	87
60) Dibromochloromethane	10.87	129	1756	0.870	ug/l	94
61) 1,2-Dibromoethane	10.98	107	1715	0.892	ug/l	92
64) Tetrachloroethene	10.61	164	1875	0.923	ug/l	91
65) Chlorobenzene	11.41	112	5153	1.086	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	1611	0.946	ug/l #	64
67) Ethyl Benzene	11.48	91	8737	0.983	ug/l	97
68) m/p-Xylenes	11.60	106	6305	1.932	ug/l	95
69) o-Xylene	11.92	106	3163	1.009	ug/l	93
70) Styrene	11.94	104	4803	0.912	ug/l	95
71) Bromoform	12.10	173	1045	0.846	ug/l #	88
73) Isopropylbenzene	12.22	105	8040	1.109	ug/l	99
74) N-amyl acetate	12.05	43	3071	0.870	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.48	83	2570	1.160	ug/l #	90
76) 1,2,3-Trichloropropane	12.53	75	2026m	0.993	ug/l	
77) Bromobenzene	12.50	156	1793	1.083	ug/l	96
78) n-propylbenzene	12.57	91	9555	1.115	ug/l	95
79) 2-Chlorotoluene	12.65	91	5807	1.152	ug/l	94
80) 1,3,5-Trimethylbenzene	12.71	105	6599	1.096	ug/l	100
82) 4-Chlorotoluene	12.75	91	5776	1.087	ug/l	96
83) tert-Butylbenzene	12.97	119	6229	1.235	ug/l	90
84) 1,2,4-Trimethylbenzene	13.01	105	6285	1.017	ug/l	95
85) sec-Butylbenzene	13.15	105	7766	1.126	ug/l	94
86) p-Isopropyltoluene	13.26	119	5946	0.957	ug/l	91
87) 1,3-Dichlorobenzene	13.26	146	3015	0.987	ug/l	96
88) 1,4-Dichlorobenzene	13.34	146	3422m	1.094	ug/l	
89) n-Butylbenzene	13.59	91	5615	0.988	ug/l	98
90) Hexachloroethane	13.85	117	897	1.467	ug/l	77
91) 1,2-Dichlorobenzene	13.63	146	2948	1.005	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.25	75	474	1.024	ug/l	64
93) 1,2,4-Trichlorobenzene	14.89	180	1485	0.846	ug/l	82
94) Hexachlorobutadiene	14.99	225	504	0.694	ug/l	86
95) Naphthalene	15.11	128	4687	0.821	ug/l	95
96) 1,2,3-Trichlorobenzene	15.29	180	1649	0.952	ug/l	90

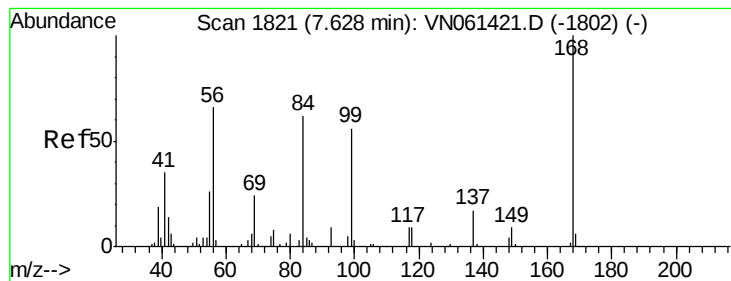
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051620\
Data File : VN061418.D
Acq On : 15 May 2020 20:12
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Sample : VSTDICC001
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Instrument :
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ClientSampleId :
VSTDICC001

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051620W.M
Quant Title : SW846 8260
QLast Update : Sat May 16 02:35:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.01 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

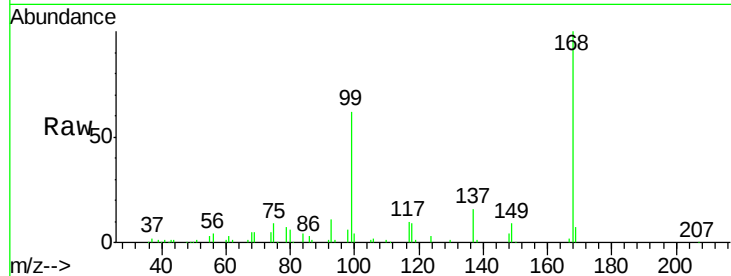
VSTDIC001

Tot Ion:168 Resp: 145981

Ion Ratio Lower Upper

168 100

99 61.8 49.9 74.9



Abundance Ion 167.90 (167.60 to 168.60): VN061418.D (-1728) (-)

Ion 98.90 (98.60 to 99.60): VN061418.D (-1728) (-)

7.62

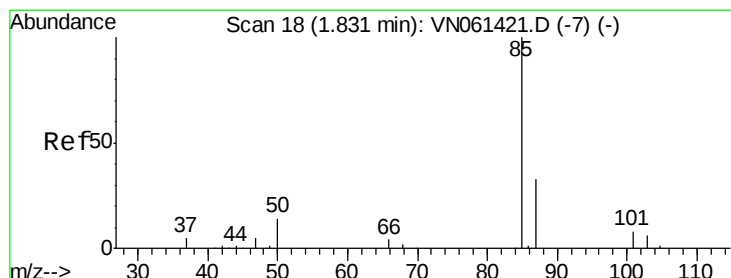
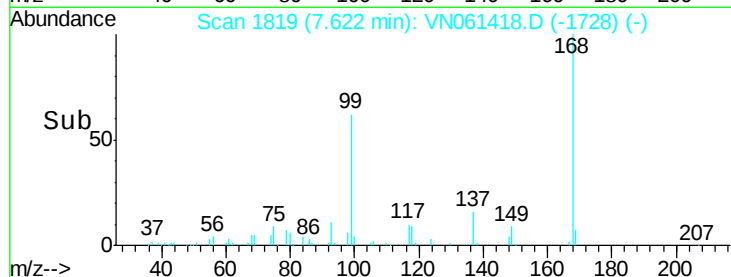
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 0.661 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061418.D

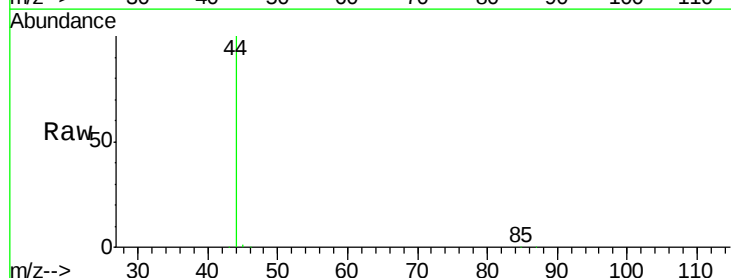
Acq: 15 May 2020 20:12

Tgt Ion: 85 Resp: 967

Ion Ratio Lower Upper

85 100

87 28.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN061418.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN061418.D (-1) (-)

1.83

800

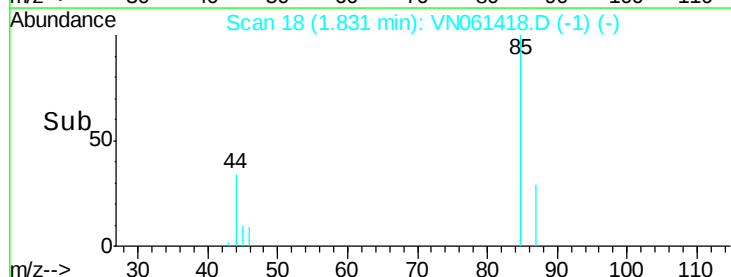
600

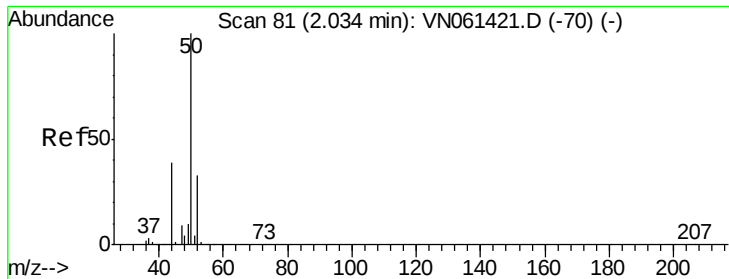
400

200

0

Time--> 1.80 1.82 1.84 1.86





#3

Chloromethane

Concen: 1.434 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

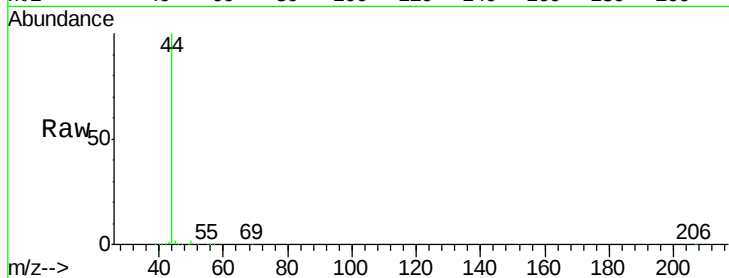
VSTDIC001

Tot Ion: 50 Resp: 2753

Ion Ratio Lower Upper

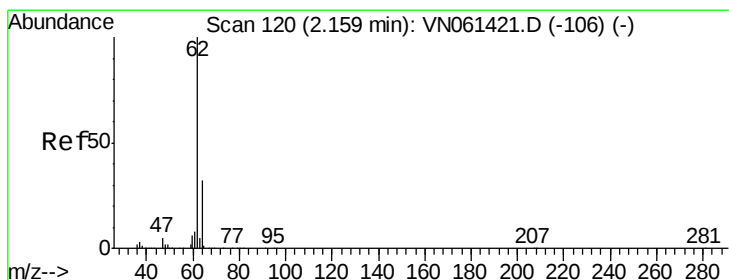
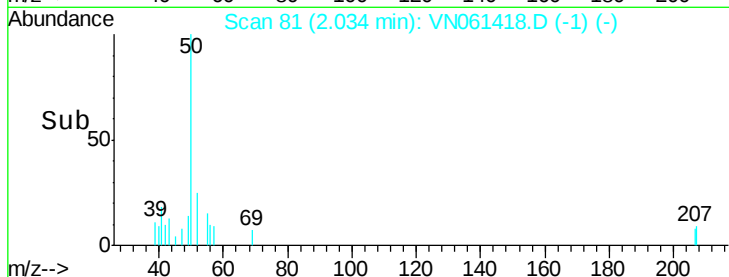
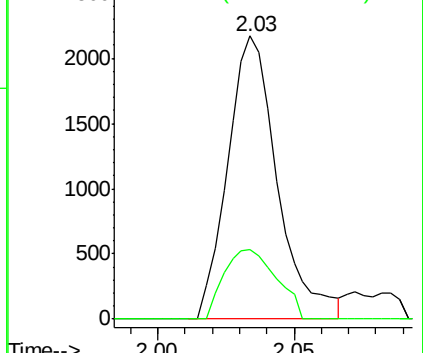
50 100

52 24.6 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 1.633 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061418.D

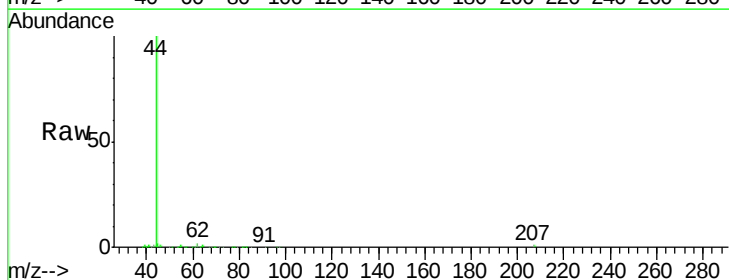
Acq: 15 May 2020 20:12

Tgt Ion: 62 Resp: 3820

Ion Ratio Lower Upper

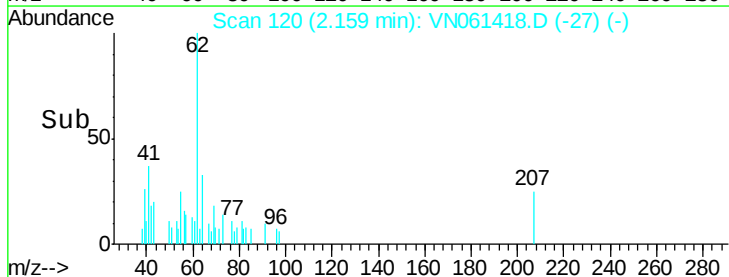
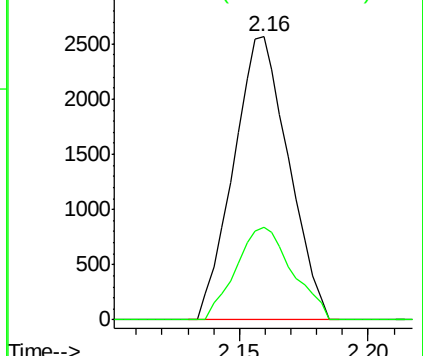
62 100

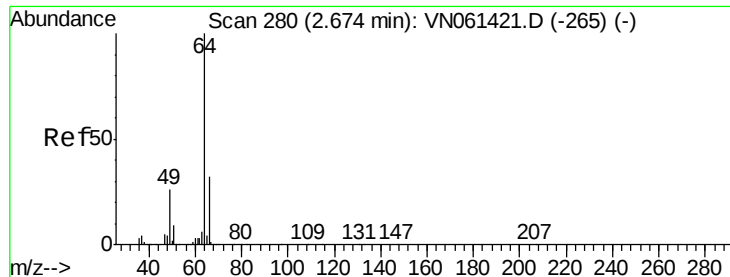
64 32.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#6

Chloroethane

Concen: 2.194 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

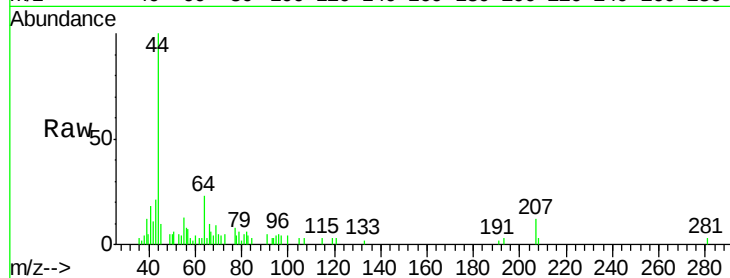
VSTDIC001

Tot Ion: 64 Resp: 3320

Ion Ratio Lower Upper

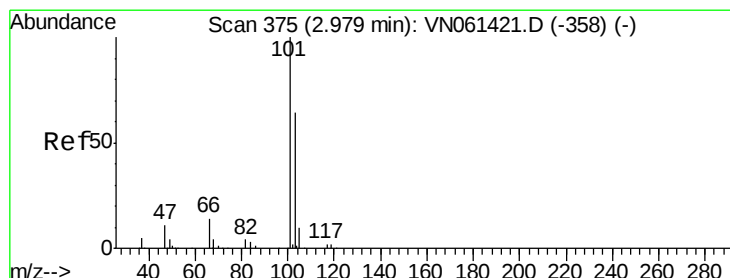
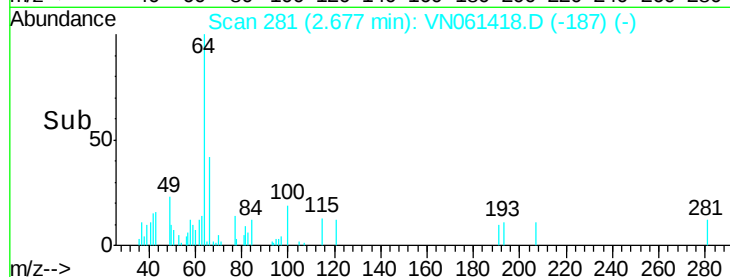
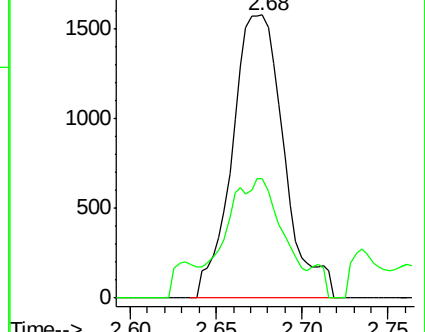
64 100

66 42.1 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VN061418.D (-187) (-)

Ion 65.90 (65.60 to 66.60): VN061418.D (-187) (-)



#7

Trichlorofluoromethane

Concen: 2.158 ug/l

RT: 2.98 min Scan# 375

Delta R.T. 0.00 min

Lab File: VN061418.D

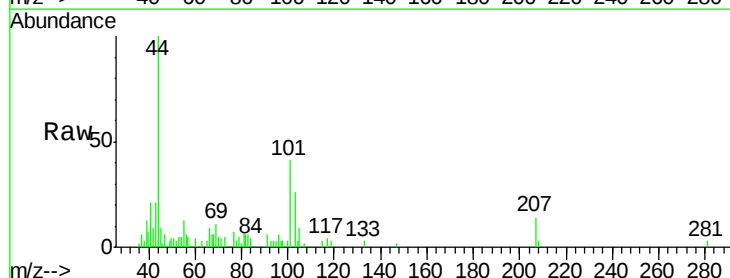
Acq: 15 May 2020 20:12

Tgt Ion: 101 Resp: 5670

Ion Ratio Lower Upper

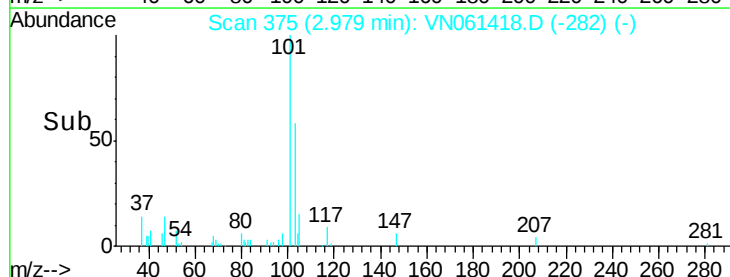
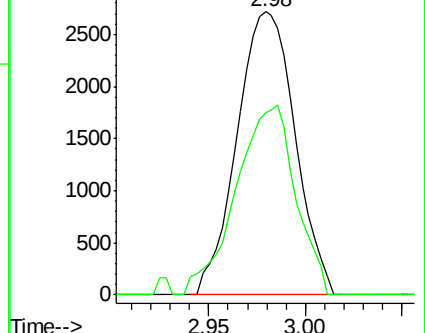
101 100

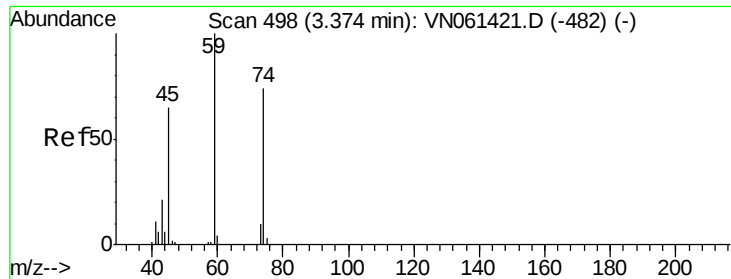
103 64.2 51.4 77.0



Abundance Ion 100.90 (100.60 to 101.60): VN061418.D (-282) (-)

Ion 102.80 (102.50 to 103.50): VN061418.D (-282) (-)





#8

Diethyl Ether

Concen: 0.974 ug/l m

RT: 3.38 min Scan# 500

Delta R.T. 0.01 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampled :

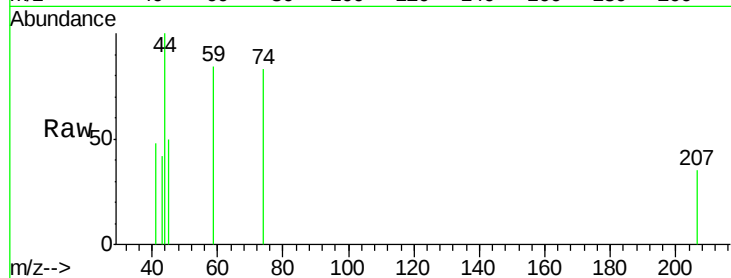
VSTDIC001

Tot Ion: 74 Resp: 953

Ion Ratio Lower Upper

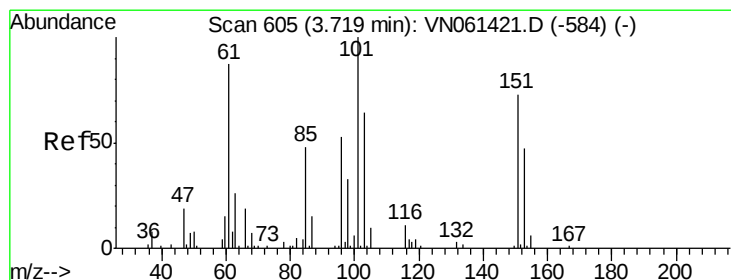
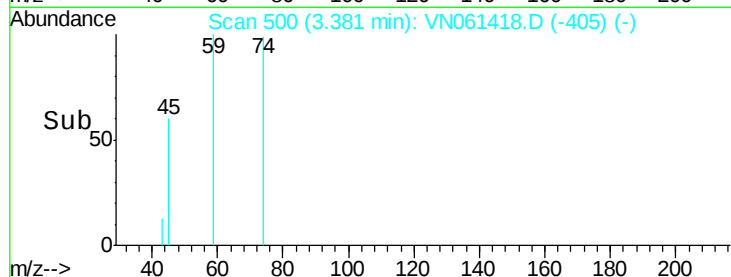
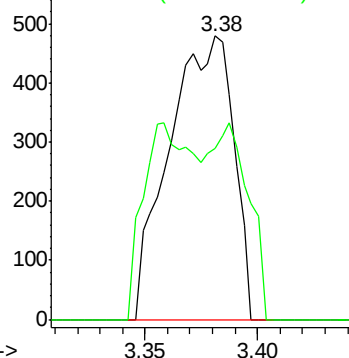
74 100

45 55.2 45.2 135.6



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.816 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.01 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

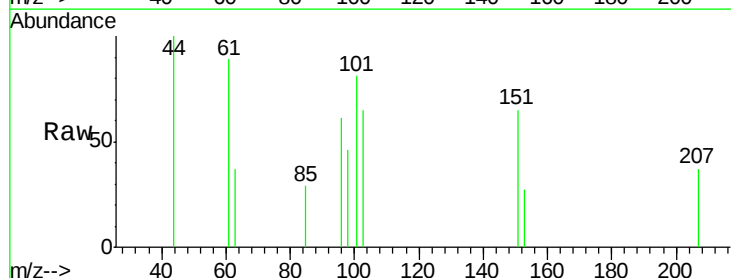
Tgt Ion: 101 Resp: 1228

Ion Ratio Lower Upper

101 100

85 15.7 38.4 57.6#

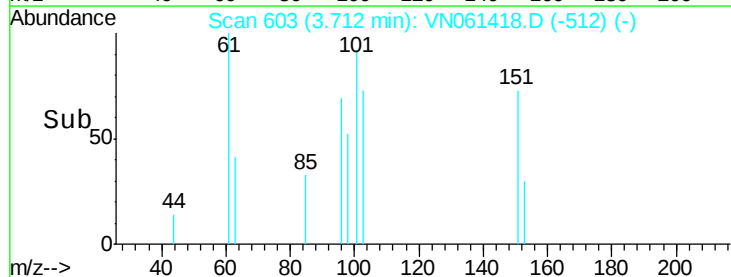
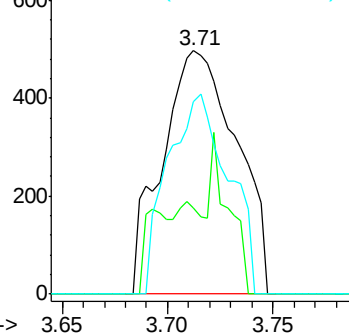
151 66.0 57.8 86.8

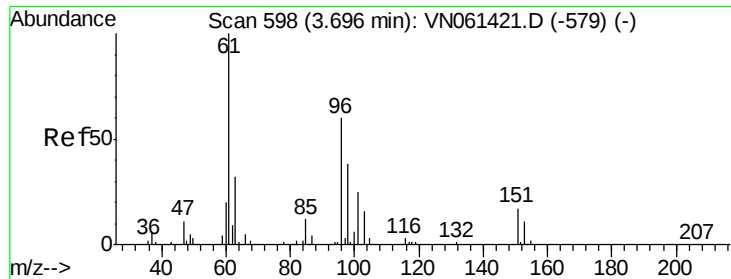


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.043 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

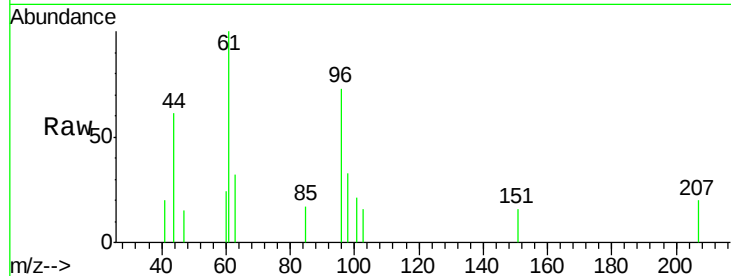
Tot Ion: 96 Resp: 1582

Ion Ratio Lower Upper

96 100

61 136.7 133.9 200.9

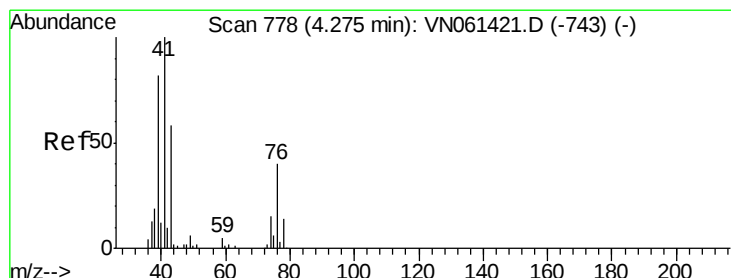
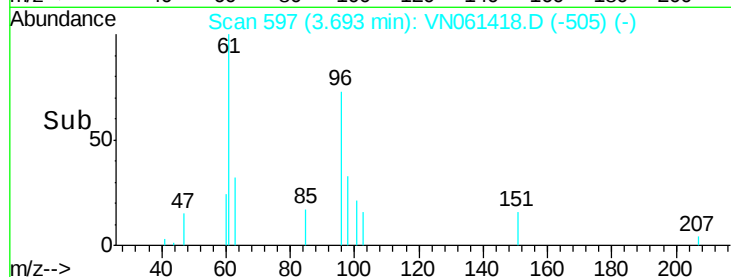
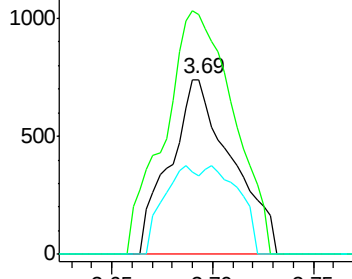
98 44.9 50.4 75.6#



Abundance Ion 95.90 (95.60 to 96.60): VN061418.D (-505) (-)

Ion 60.90 (60.60 to 61.60): VN061418.D (-505) (-)

Ion 97.90 (97.60 to 98.60): VN061418.D (-505) (-)



#14

Allyl chloride

Concen: 1.146 ug/l

RT: 4.28 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

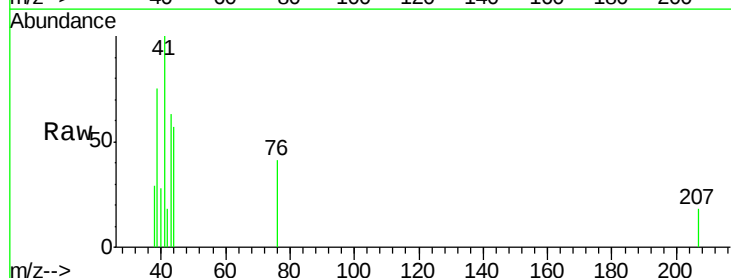
Tgt Ion: 41 Resp: 3139

Ion Ratio Lower Upper

41 100

39 18.7 63.4 95.2#

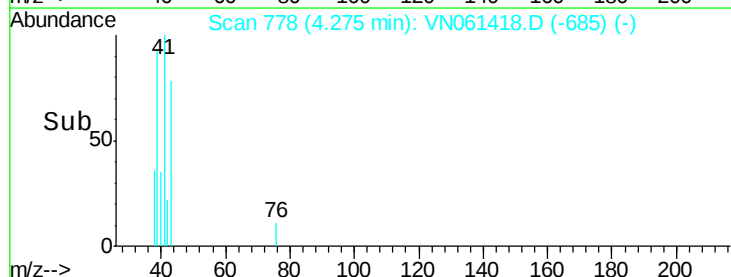
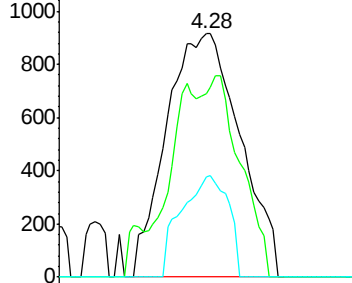
76 26.8 30.7 46.1#

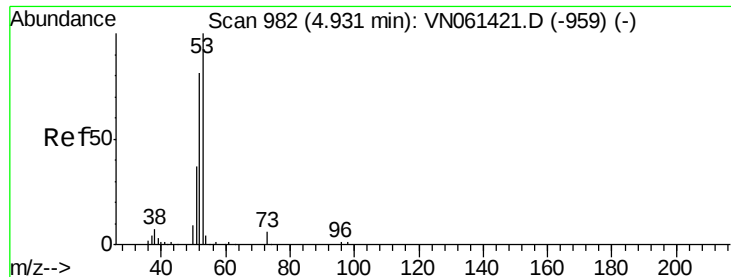


Abundance Ion 41.00 (40.70 to 41.70): VN061418.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061418.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061418.D (-685) (-)





#15

Acrylonitrile

Concen: 3.582 ug/l m

RT: 4.94 min Scan# 985

Delta R.T. 0.01 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

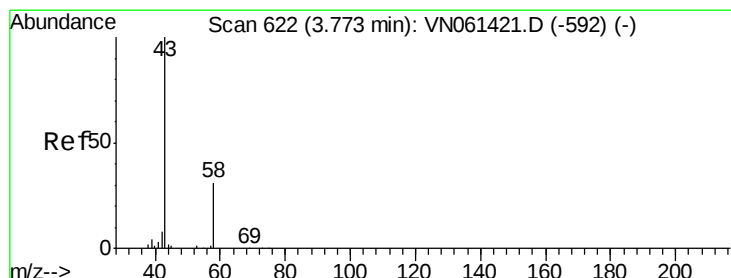
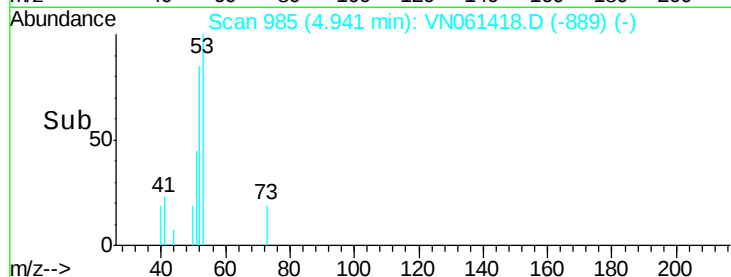
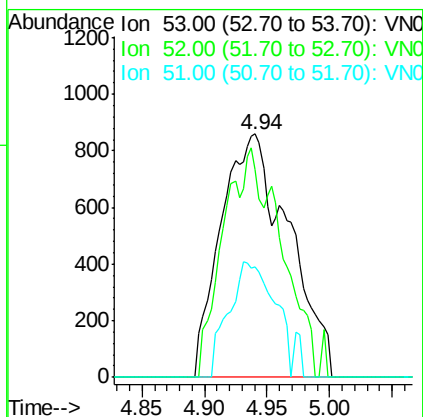
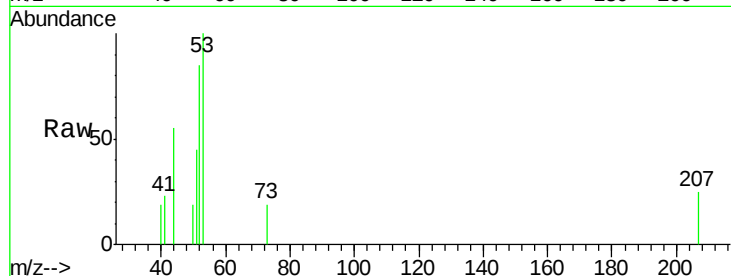
Tot Ion: 53 Resp: 3233

Ion Ratio Lower Upper

53 100

52 27.1 64.4 96.6#

51 32.2 29.3 43.9



#16

Acetone

Concen: 4.021 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061418.D

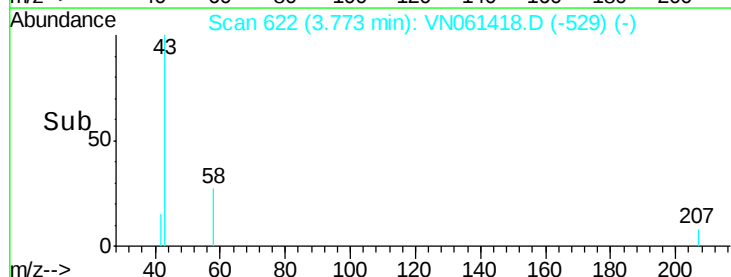
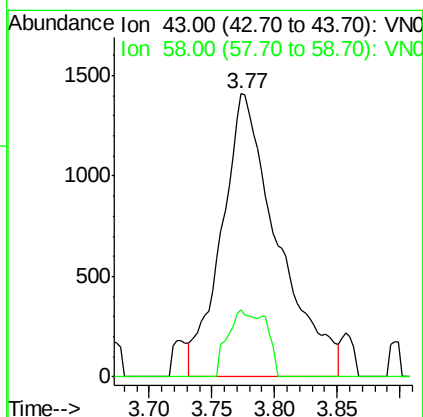
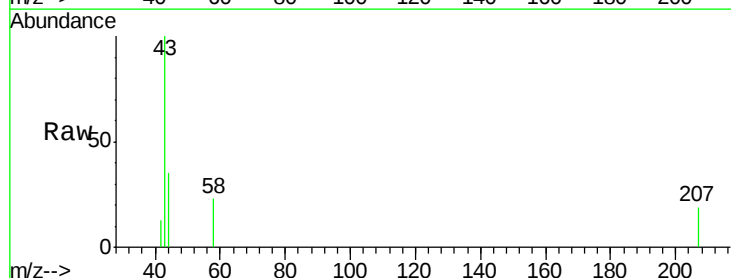
Acq: 15 May 2020 20:12

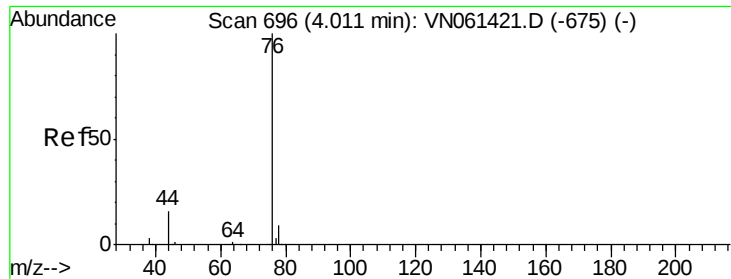
Tgt Ion: 43 Resp: 4378

Ion Ratio Lower Upper

43 100

58 26.5 24.6 36.8

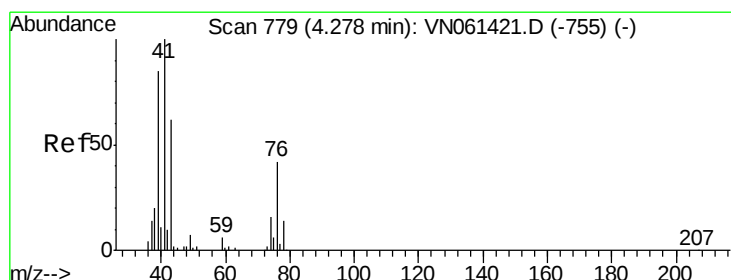
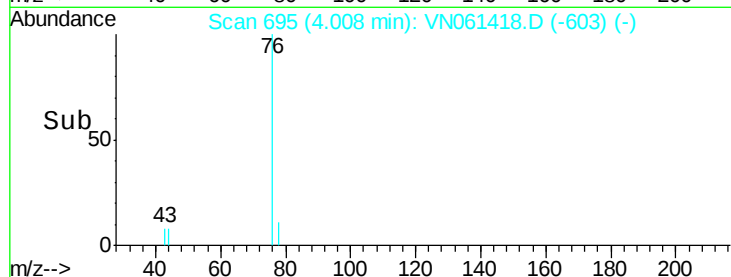
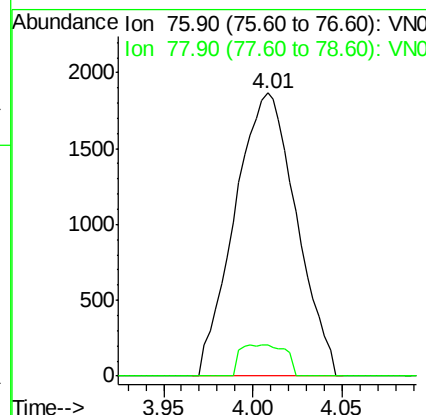
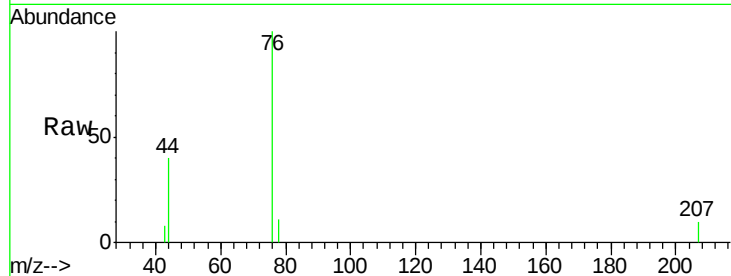




#17
Carbon Disulfide
Concen: 1.098 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

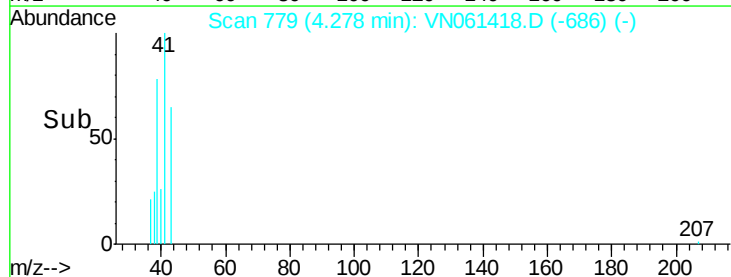
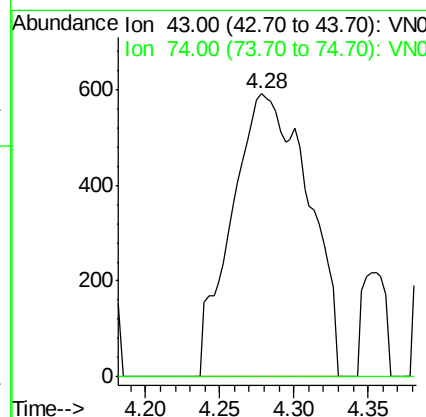
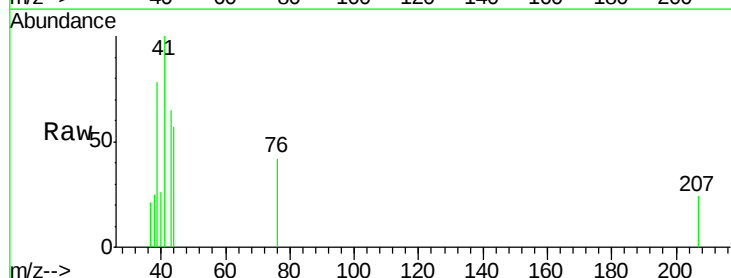
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

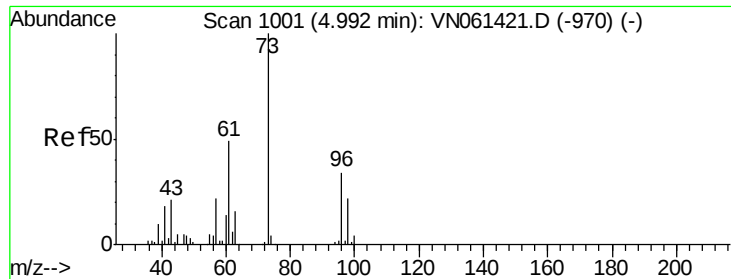
Tot Ion: 76 Resp: 4493
Ion Ratio Lower Upper
76 100
78 11.3 7.2 10.8#



#18
Methyl Acetate
Concen: 0.718 ug/l m
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 43 Resp: 2114
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#

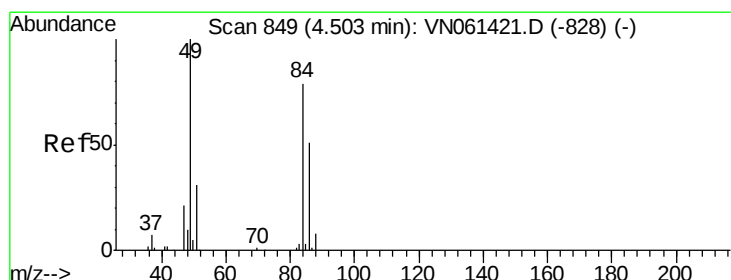
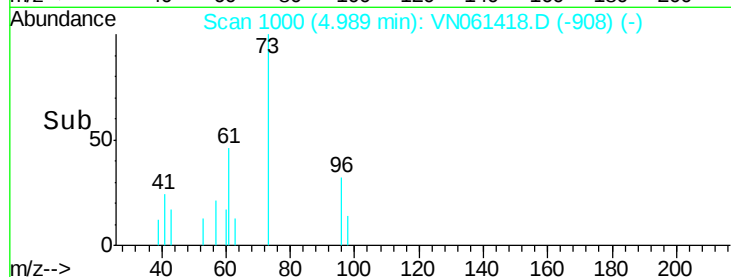
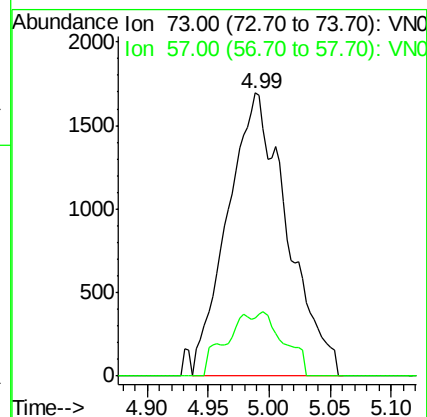
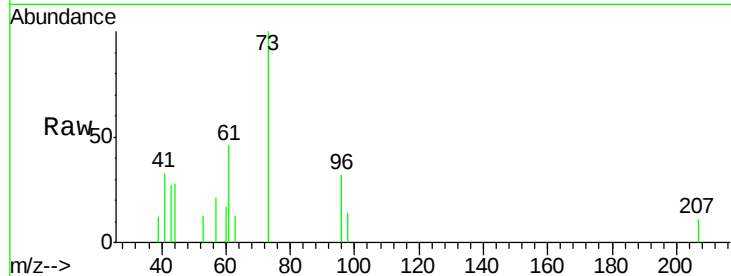




#19
Methvl tert-butvl Ether
Concen: 0.987 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

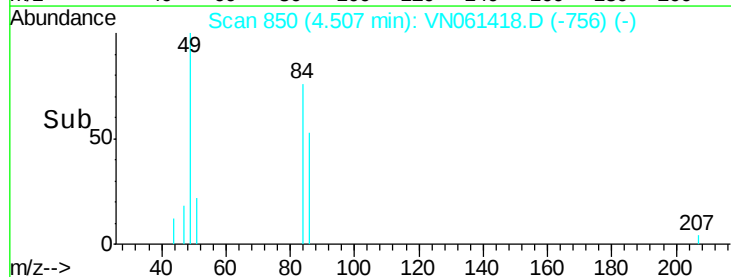
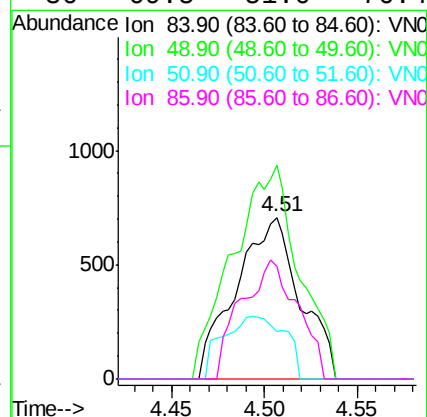
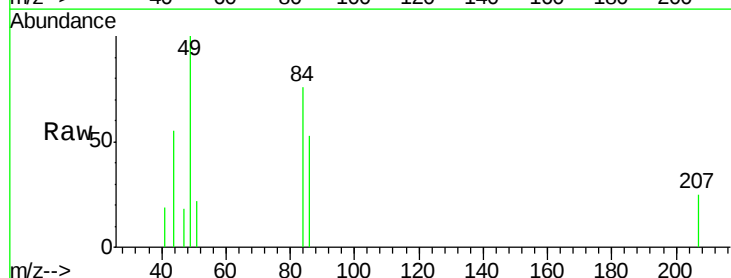
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

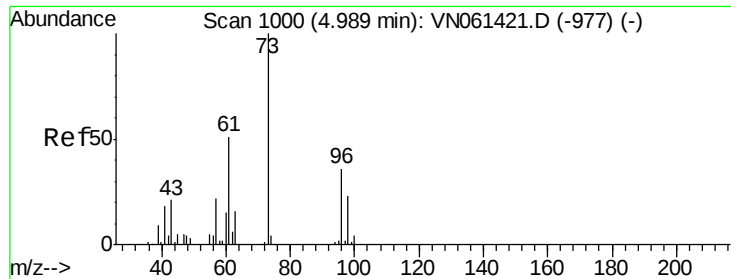
Tot Ion: 73 Resp: 5753
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4



#20
Methylene Chloride
Concen: 0.960 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 84 Resp: 1708
Ion Ratio Lower Upper
84 100
49 132.1 101.0 151.4
51 29.5 31.6 47.4#
86 69.5 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 1.075 ug/l m

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

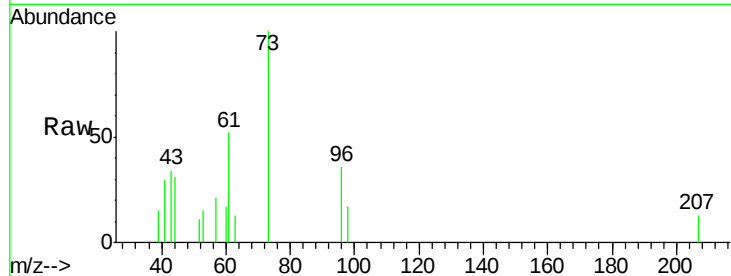
Tot Ion: 96 Resp: 1793

Ion Ratio Lower Upper

96 100

61 146.5 113.8 170.6

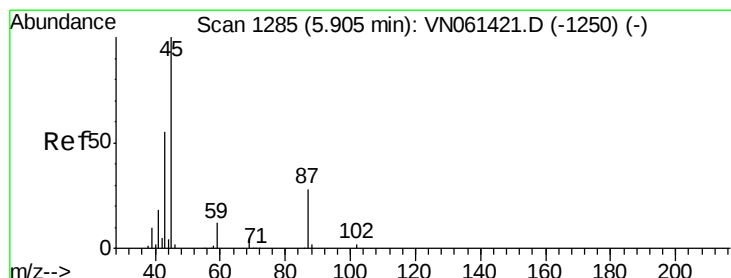
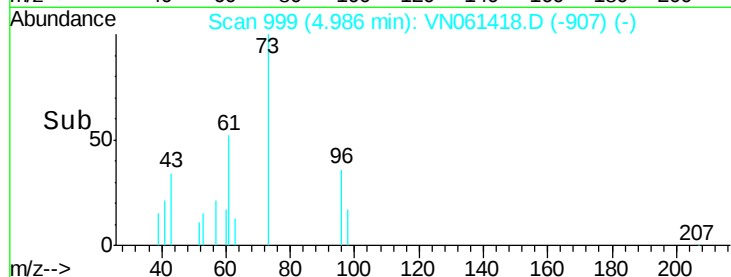
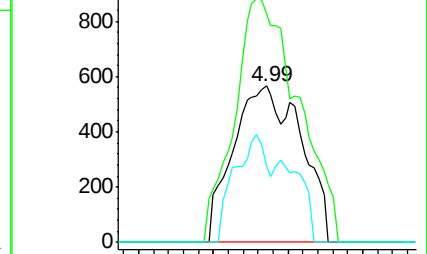
98 48.8 50.8 76.2#



Abundance Ion 95.90 (95.60 to 96.60): VN061418.D (-997) (-)

Ion 60.90 (60.60 to 61.60): VN061418.D (-997) (-)

Ion 97.90 (97.60 to 98.60): VN061418.D (-997) (-)



#22

Diisopropyl ether

Concen: 0.855 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Tgt Ion: 45 Resp: 5516

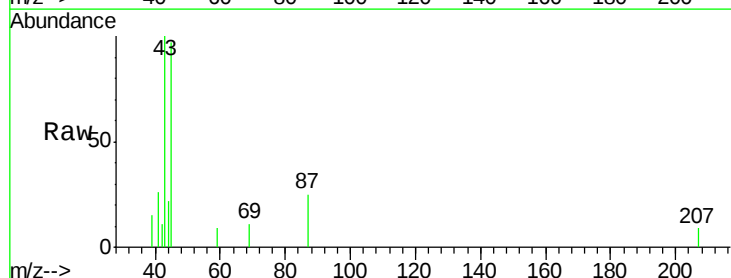
Ion Ratio Lower Upper

45 100

43 90.5 49.1 73.7#

87 26.1 23.0 34.4

59 9.0 9.4 14.0#

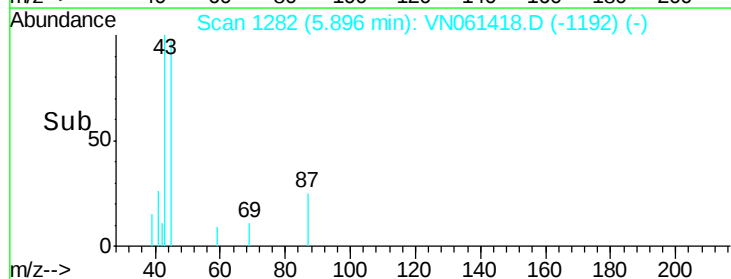
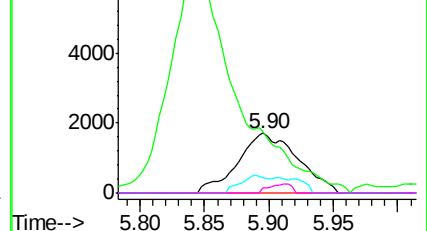


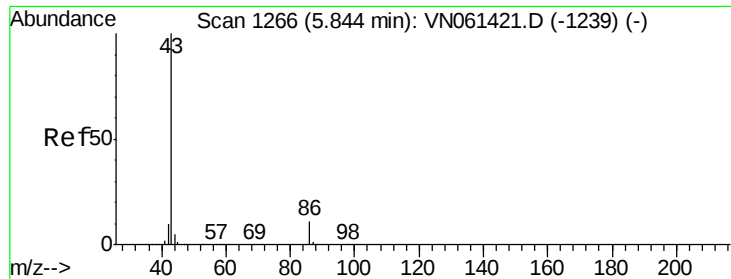
Abundance Ion 45.00 (44.70 to 45.70): VN061418.D (-1192) (-)

Ion 43.00 (42.70 to 43.70): VN061418.D (-1192) (-)

Ion 87.00 (86.70 to 87.70): VN061418.D (-1192) (-)

Ion 59.00 (58.70 to 59.70): VN061418.D (-1192) (-)





#23

Vinyl Acetate

Concen: 4.504 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

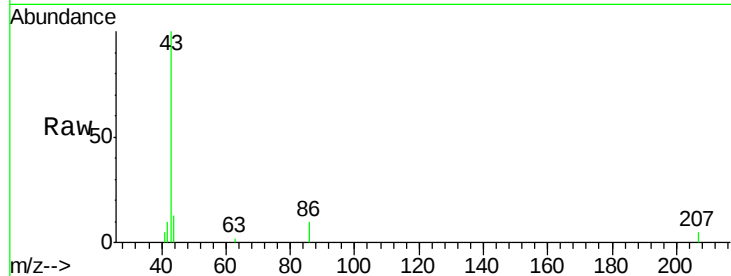
VSTDIC001

Tot Ion: 43 Resp: 23376

Ion Ratio Lower Upper

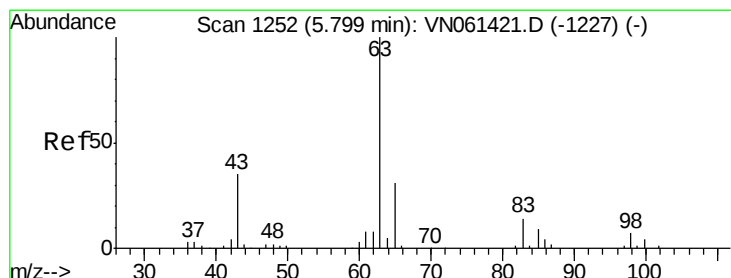
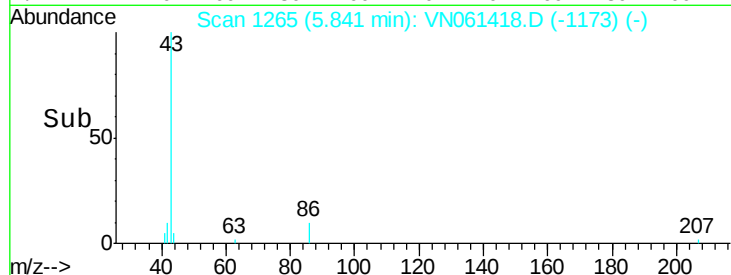
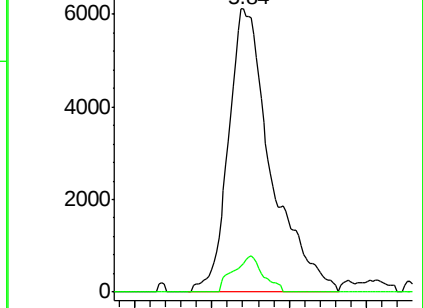
43 100

86 10.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN061418.D (-1173) (-)

Ion 86.00 (85.70 to 86.70): VN061418.D (-1173) (-)



#24

1,1-Dichloroethane

Concen: 0.909 ug/l

RT: 5.80 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

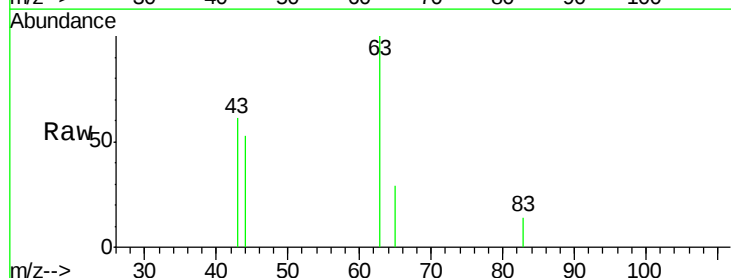
Tgt Ion: 63 Resp: 3111

Ion Ratio Lower Upper

63 100

98 0.0 3.6 10.9#

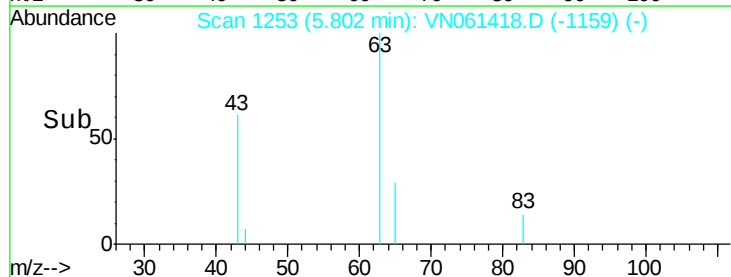
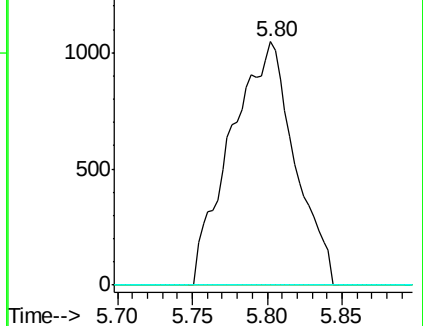
100 0.0 2.1 6.2#

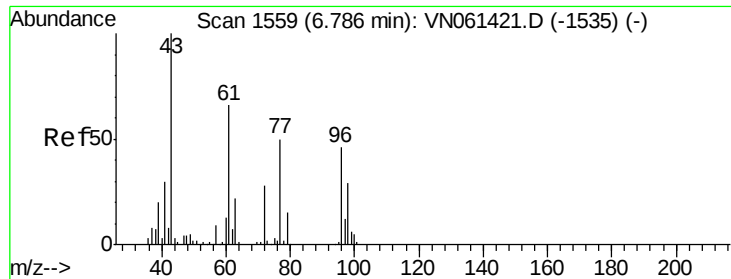


Abundance Ion 62.90 (62.60 to 63.60): VN061418.D (-1159) (-)

Ion 97.90 (97.60 to 98.60): VN061418.D (-1159) (-)

Ion 99.90 (99.60 to 100.60): VN061418.D (-1159) (-)

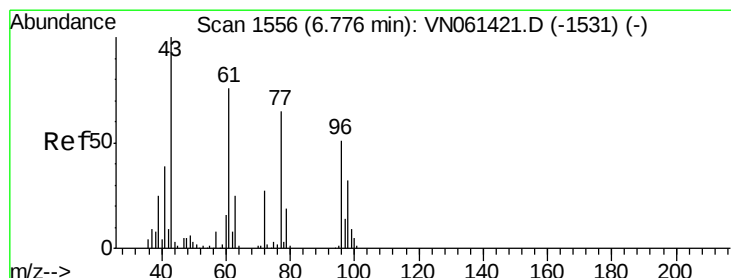
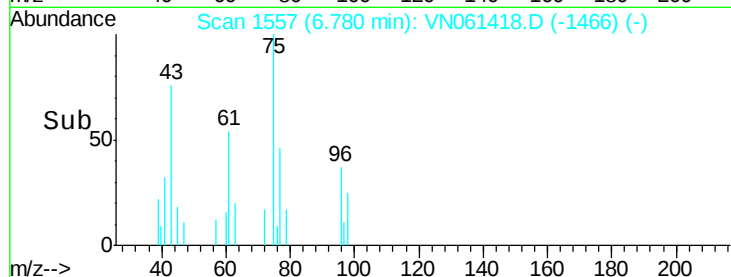
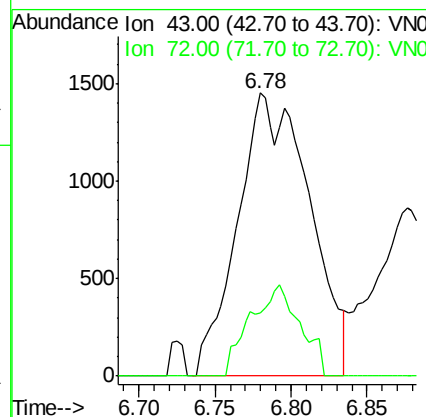
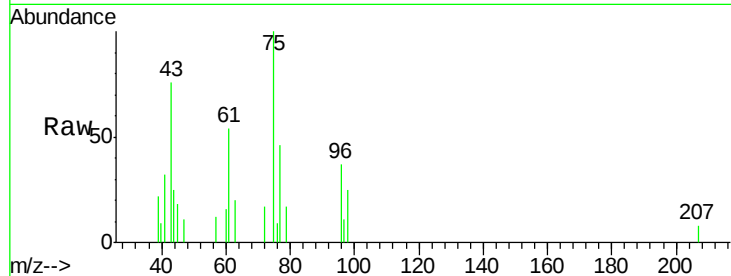




#25
 2-Butanone
 Concen: 3.738 ug/l m
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

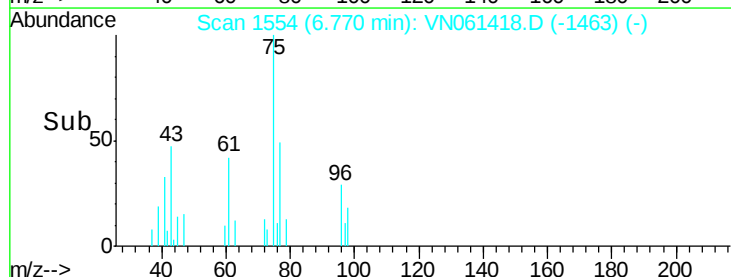
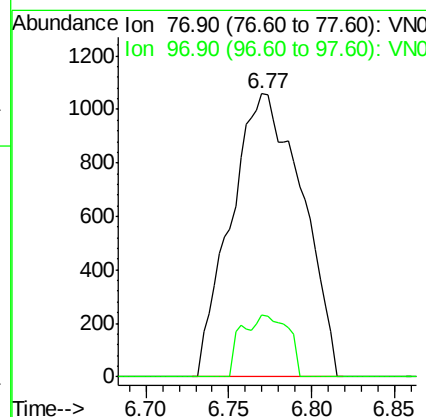
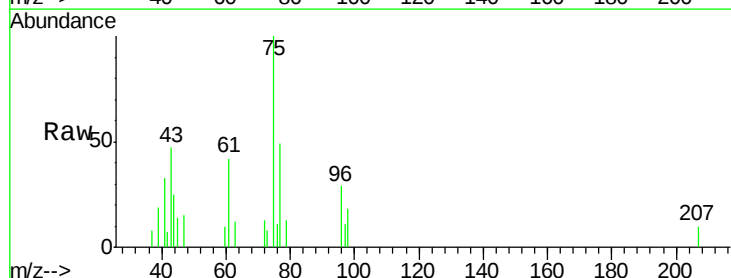
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

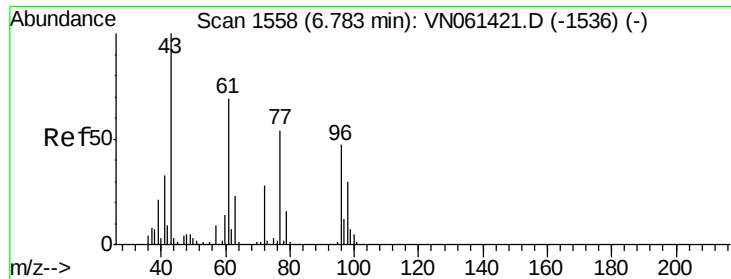
Tot Ion: 43 Resp: 4769
 Ion Ratio Lower Upper
 43 100
 72 22.5 22.6 33.8#



#26
 2,2-Dichloropropane
 Concen: 1.093 ug/l
 RT: 6.77 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion: 77 Resp: 3164
 Ion Ratio Lower Upper
 77 100
 97 9.8 11.1 33.3#

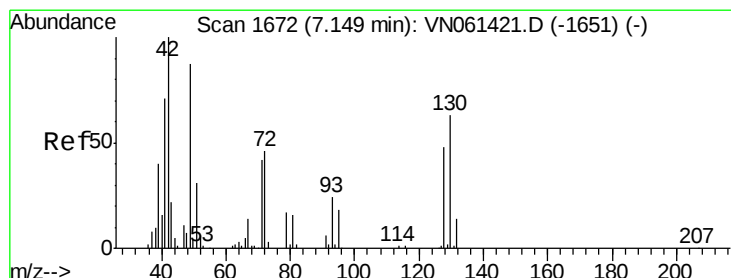
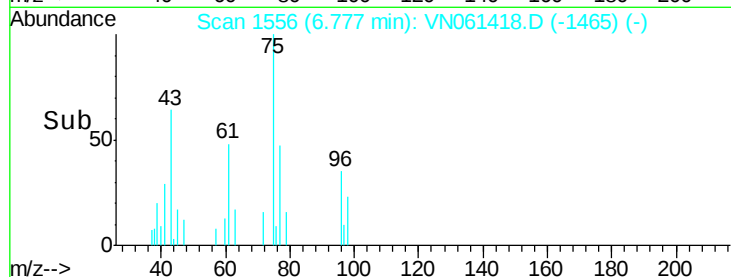
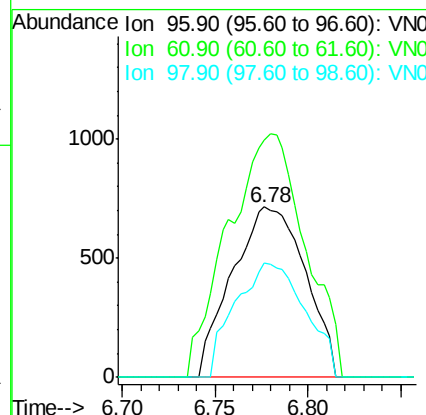
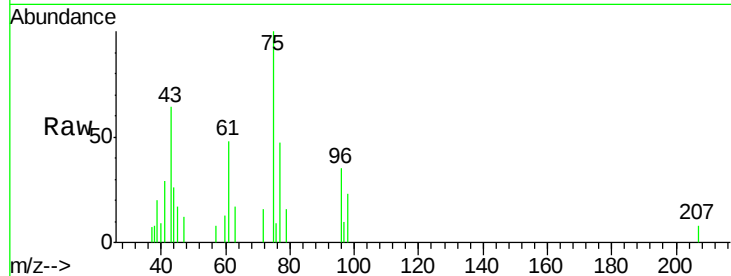




#27
 cis-1,2-Dichloroethene
 Concen: 0.993 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

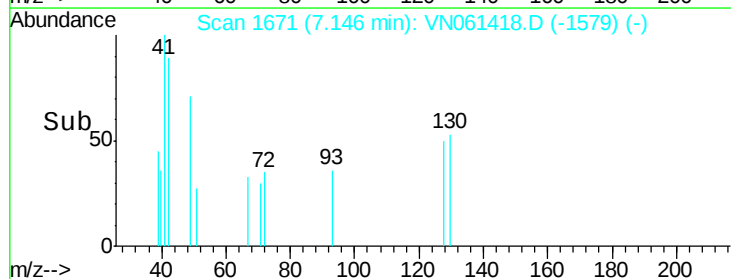
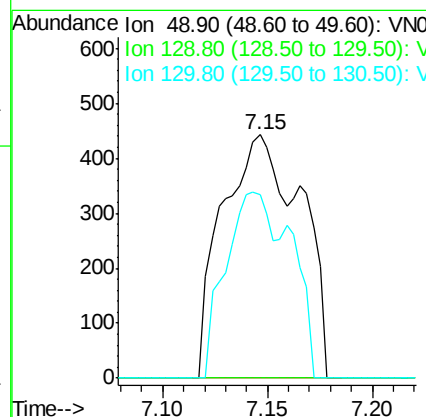
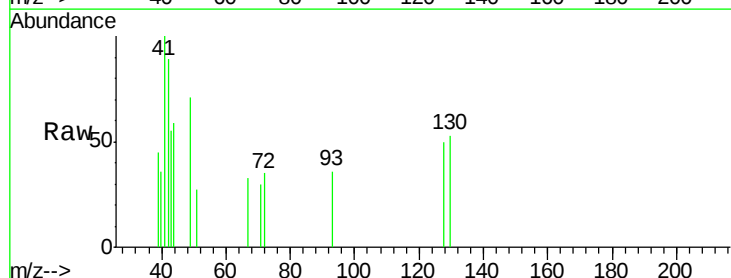
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

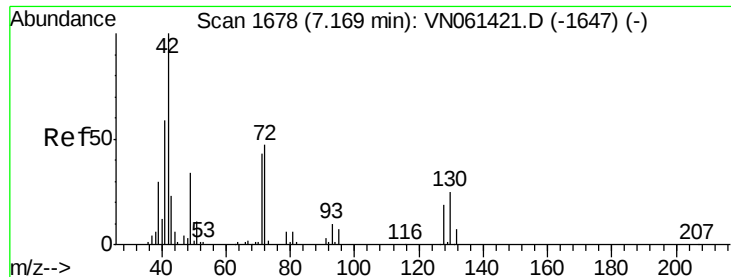
Tot Ion: 96 Resp: 1962
 Ion Ratio Lower Upper
 96 100
 61 149.7 0.0 293.0
 98 64.0 0.0 127.4



#28
 Bromochloromethane
 Concen: 0.699 ug/l m
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion: 49 Resp: 1150
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 48.3 57.4 86.0#





#29

Tetrahydrofuran

Concen: 3.651 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.01 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

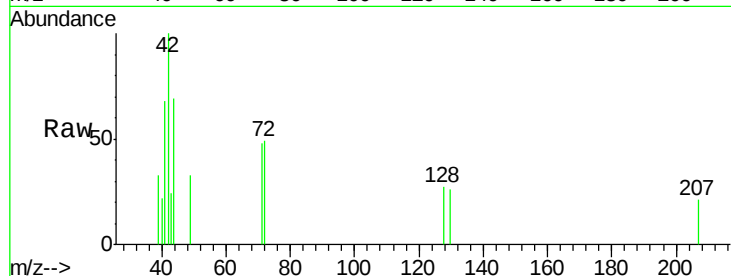
Tot Ion: 42 Resp: 3152

Ion Ratio Lower Upper

42 100

72 43.6 37.1 55.7

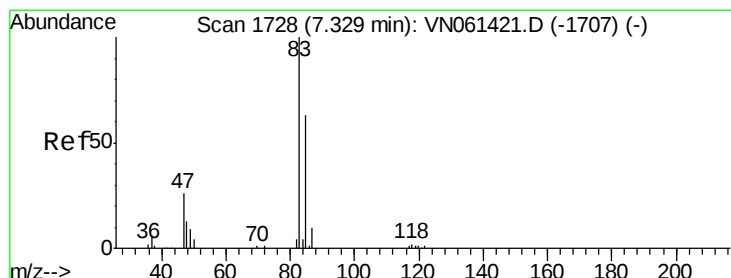
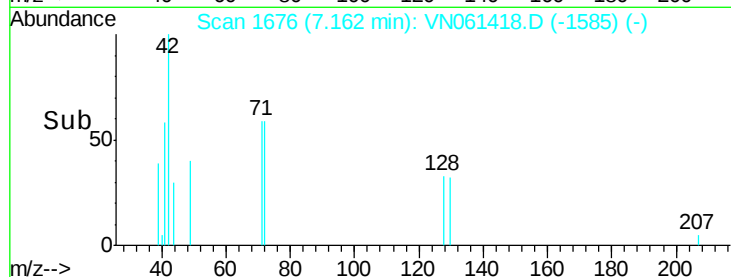
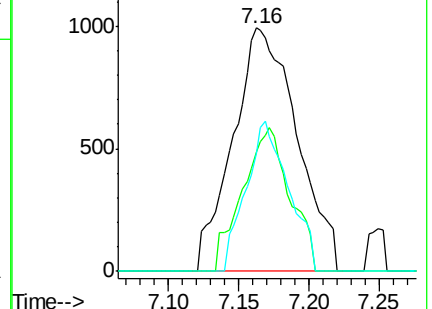
71 40.9 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 1.007 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.00 min

Lab File: VN061418.D

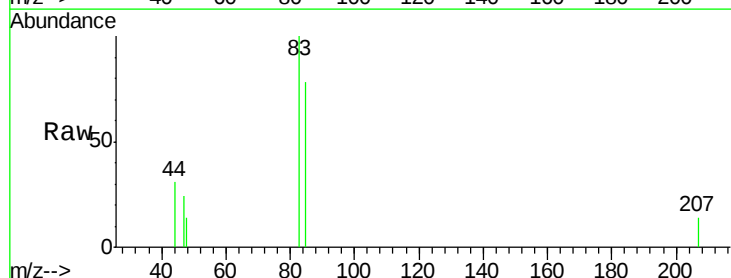
Acq: 15 May 2020 20:12

Tgt Ion: 83 Resp: 3512

Ion Ratio Lower Upper

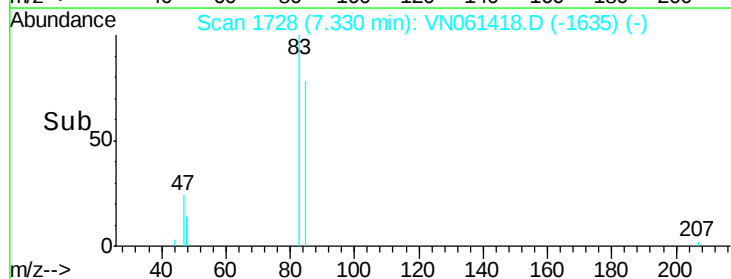
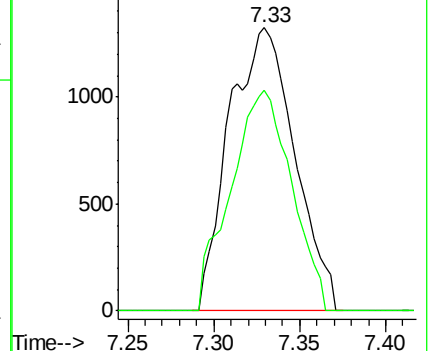
83 100

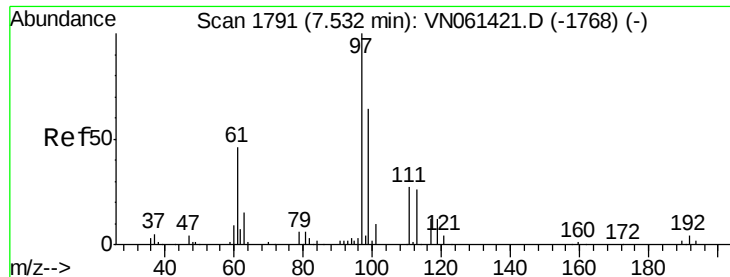
85 78.1 50.6 76.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

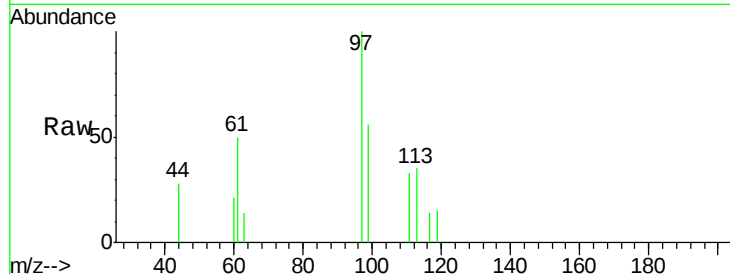




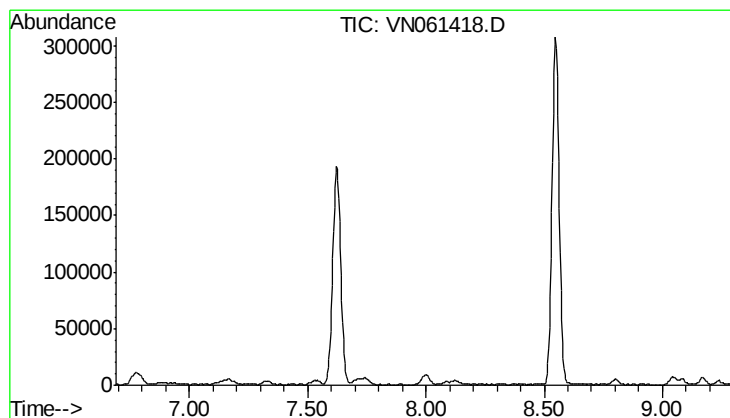
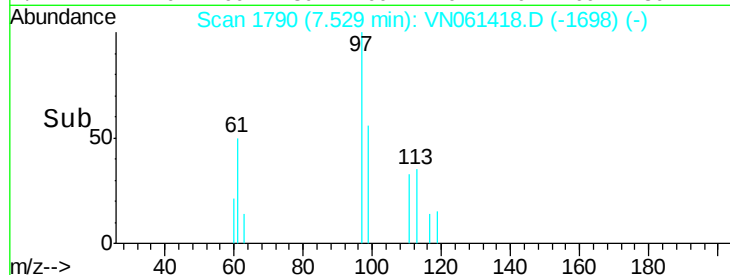
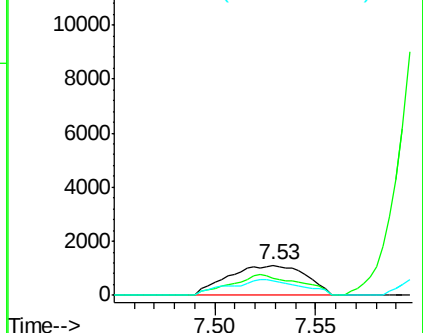
#32
 1,1,1-Trichloroethane
 Concen: 0.966 ug/l
 RT: 7.53 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 97 Resp: 2951
 Ion Ratio Lower Upper
 97 100
 99 0.0 50.7 76.1#
 61 48.6 37.0 55.4



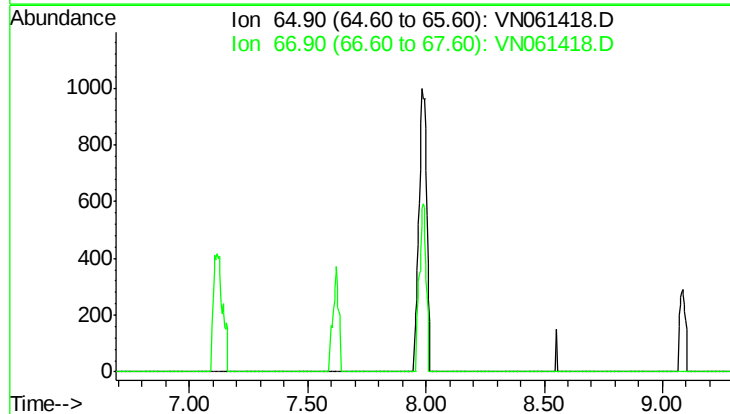
Abundance Ion 96.90 (96.60 to 97.60): VN061418.D
 Ion 98.90 (98.60 to 99.60): VN061418.D
 Ion 60.90 (60.60 to 61.60): VN061418.D

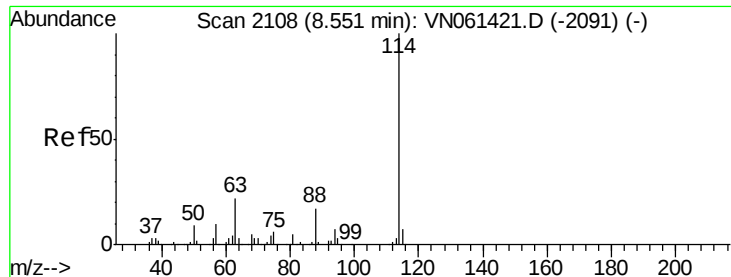


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 7.99 min

Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 52.2

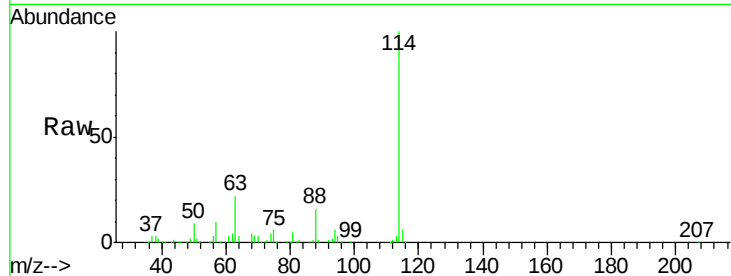




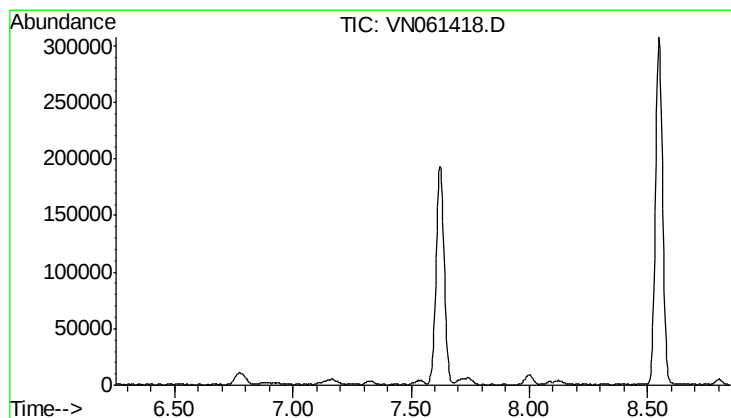
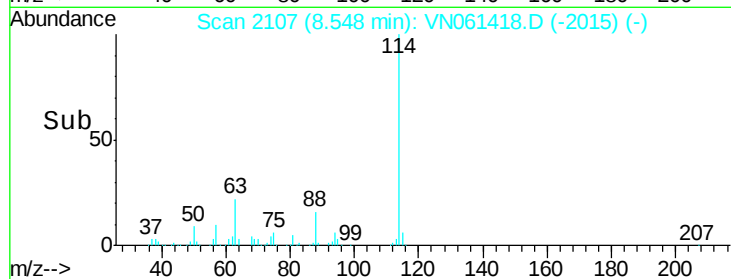
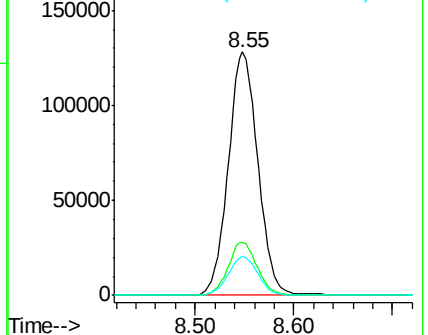
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:114 Resp: 268274
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.4
 88 15.8 0.0 33.6



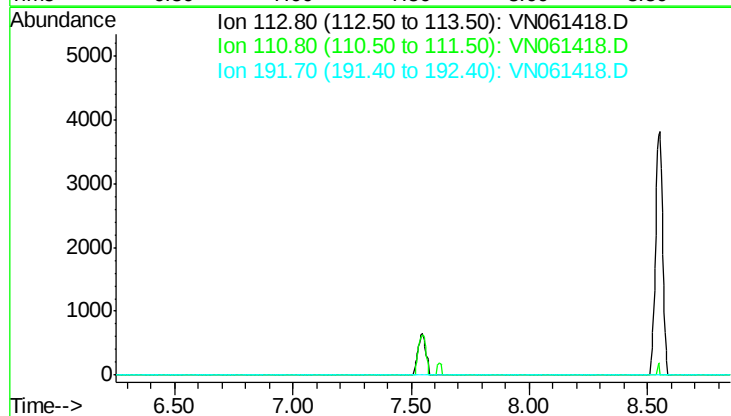
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

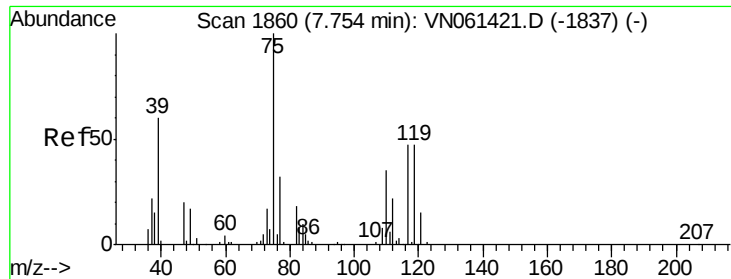


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.55 min

Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 103.3
 192 16.7

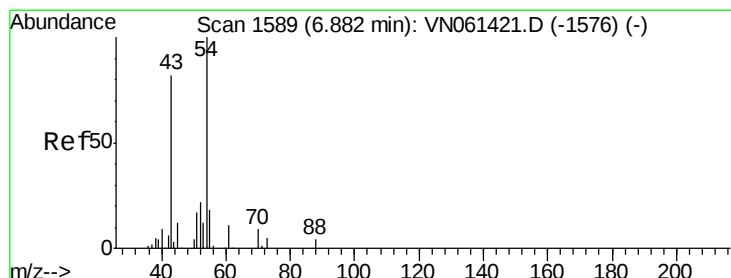
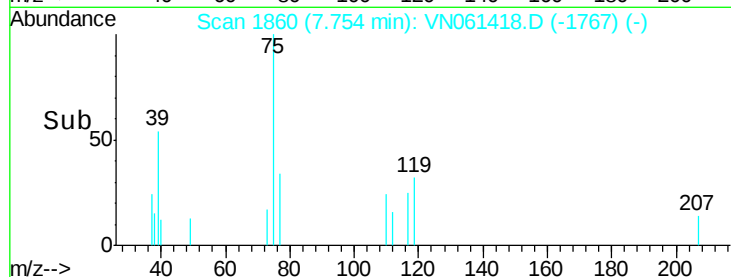
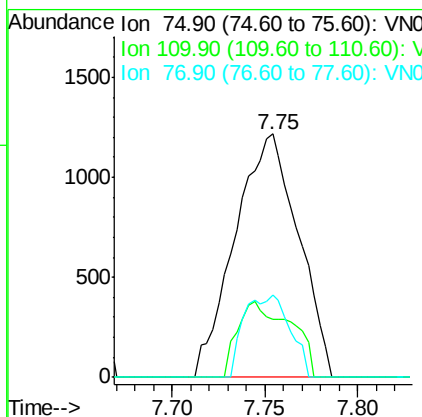
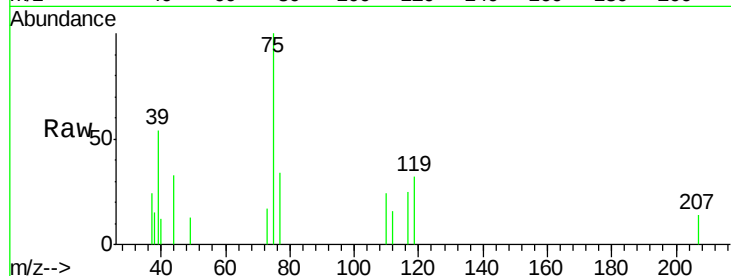




#36
 1,1-Dichloropropene
 Concen: 1.085 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

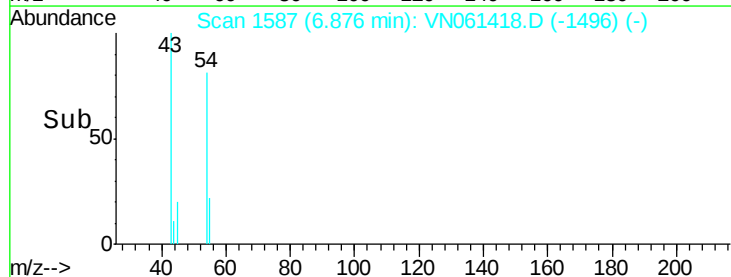
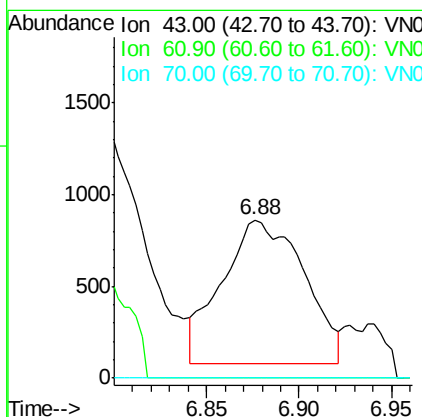
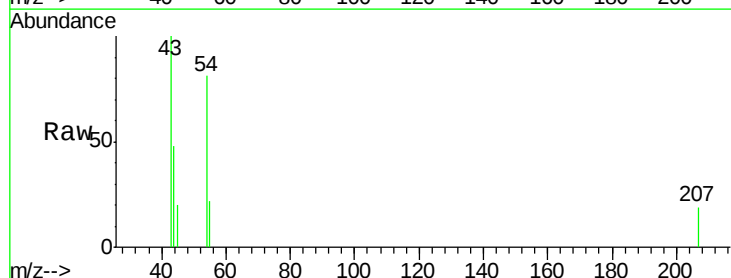
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

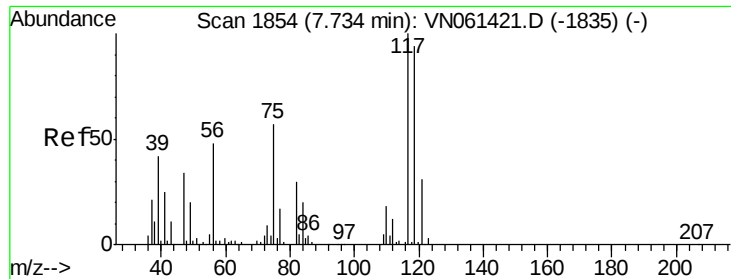
Tot Ion: 75 Resp: 2884
 Ion Ratio Lower Upper
 75 100
 110 25.9 16.7 50.1
 77 24.4 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 0.810 ug/l m
 RT: 6.88 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion: 43 Resp: 2410
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 8.0 12.0#





#38

Carbon Tetrachloride

Concen: 0.844 ug/l

RT: 7.73 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

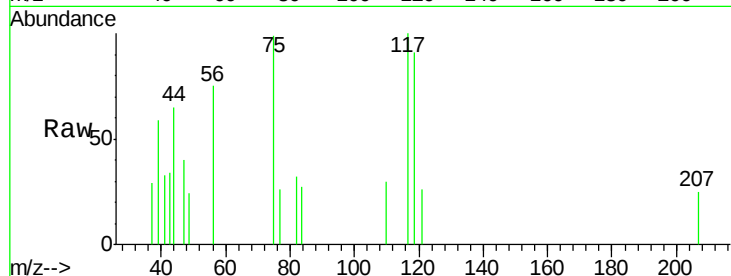
Tot Ion:117 Resp: 1813

Ion Ratio Lower Upper

117 100

119 91.1 75.5 113.3

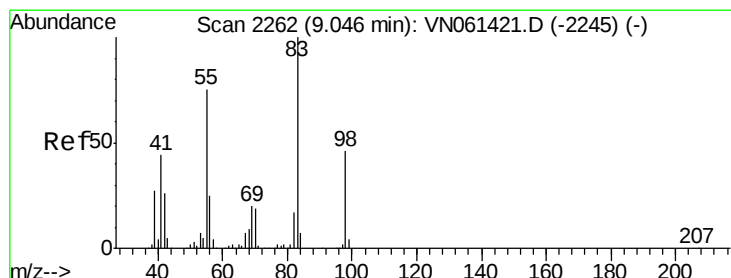
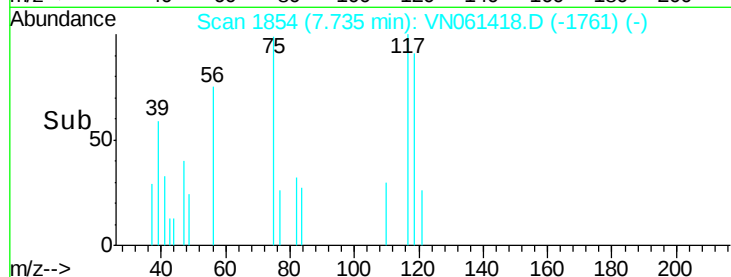
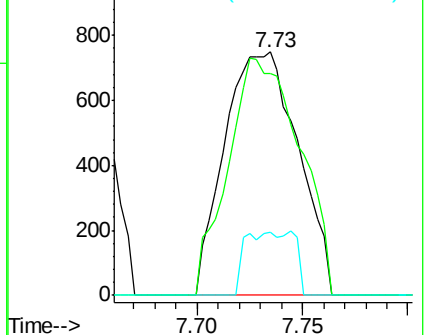
121 26.0 24.6 36.8



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: 1.037 ug/l

RT: 9.04 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

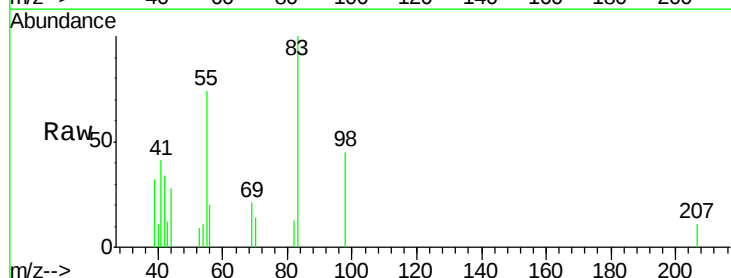
Tgt Ion: 83 Resp: 3142

Ion Ratio Lower Upper

83 100

55 73.8 60.1 90.1

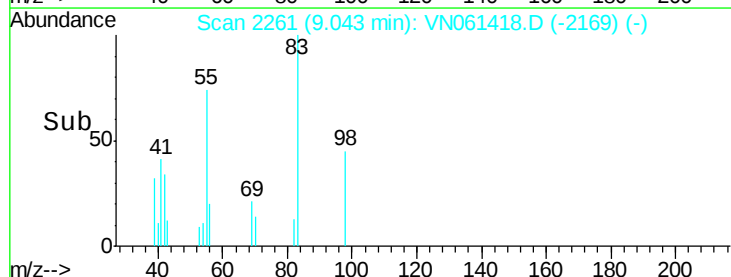
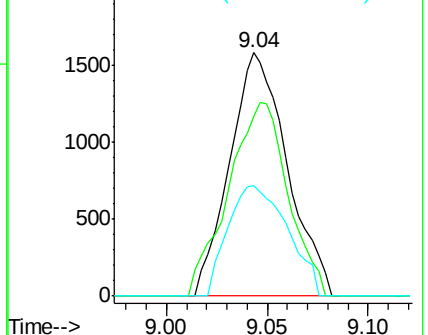
98 45.3 37.0 55.6

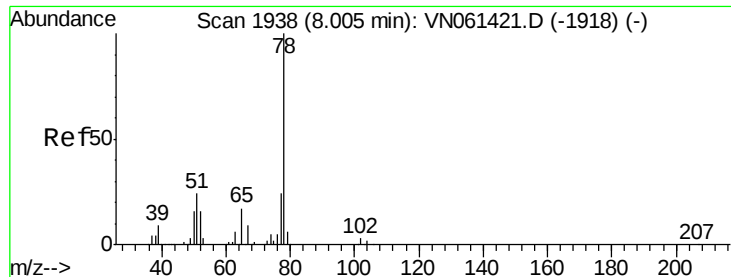


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 0.987 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

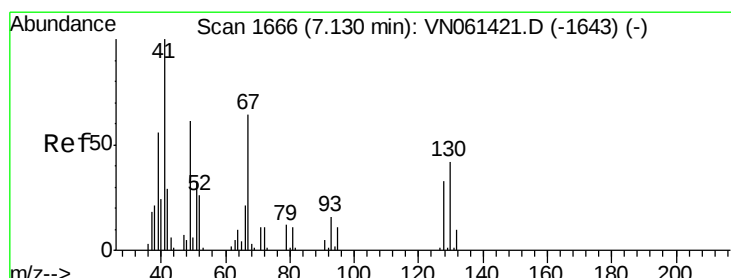
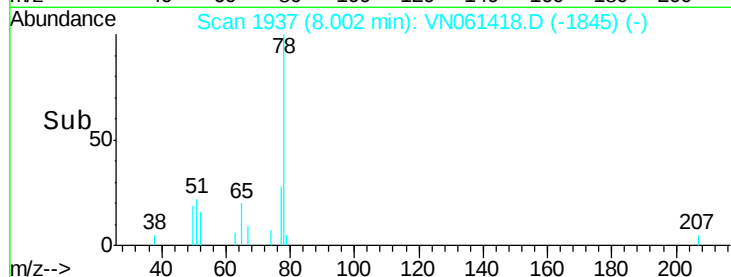
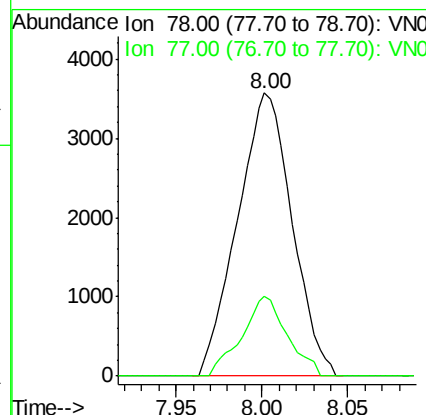
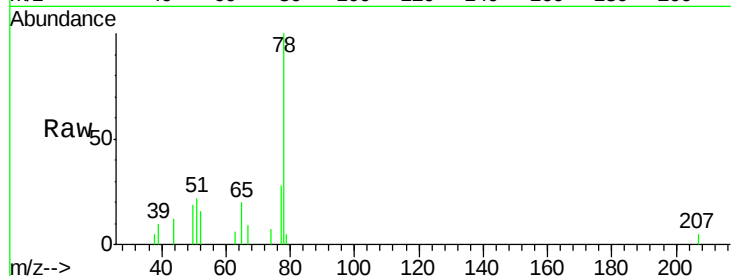
VSTDIC001

Tot Ion: 78 Resp: 7854

Ion Ratio Lower Upper

78 100

77 28.3 19.0 28.6



#41

Methacrylonitrile

Concen: 0.731 ug/l

RT: 7.12 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Tgt Ion: 41 Resp: 939

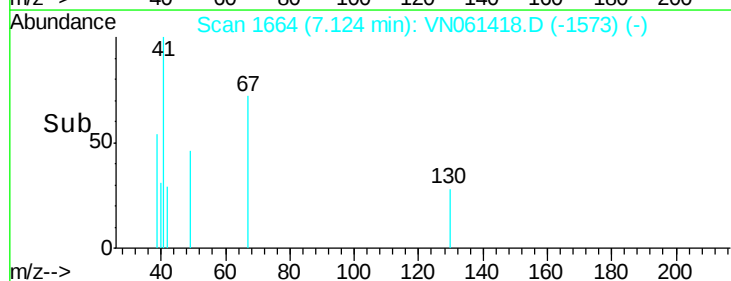
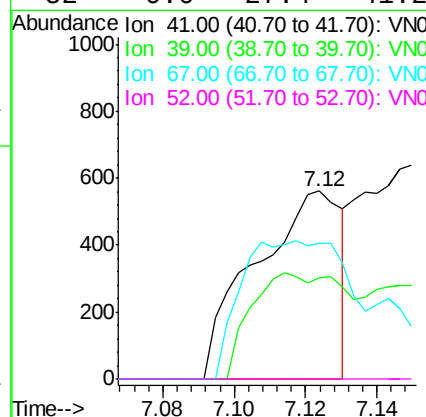
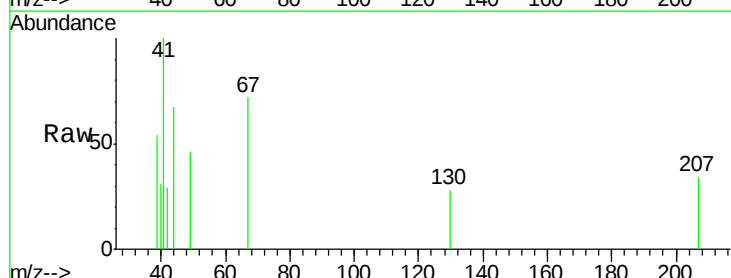
Ion Ratio Lower Upper

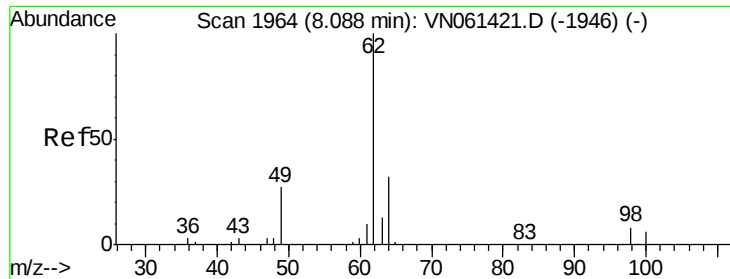
41 100

39 37.6 42.2 63.4#

67 90.8 64.7 97.1

52 0.0 27.4 41.2#

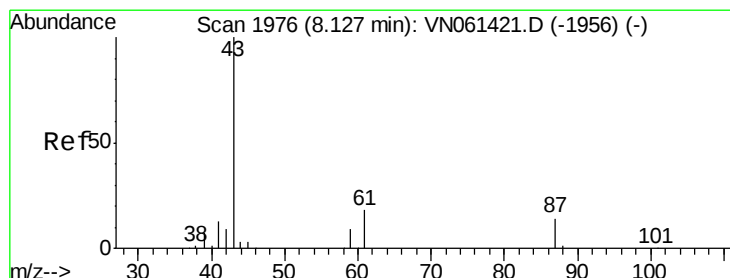
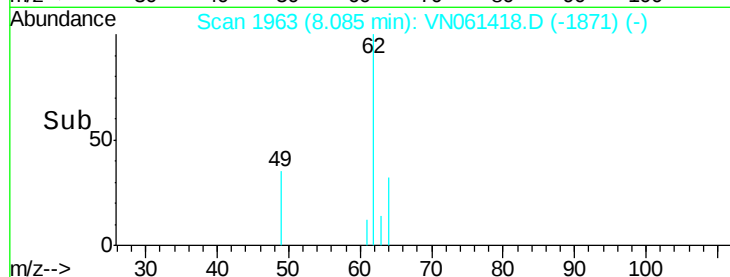
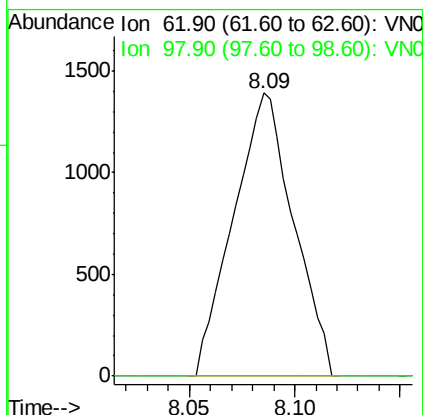
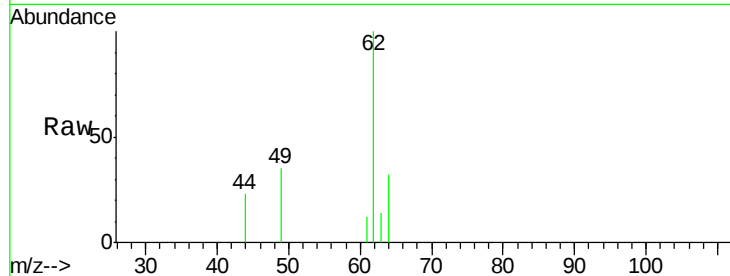




#42
 1,2-Dichloroethane
 Concen: 0.920 ug/l
 RT: 8.09 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

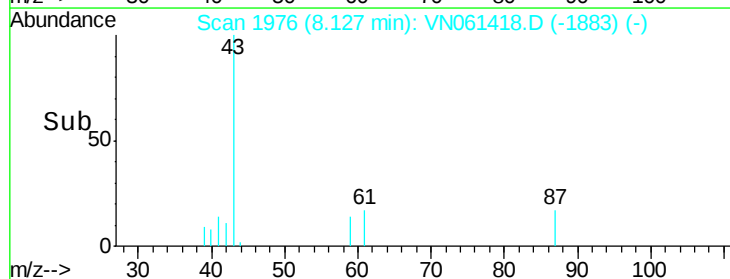
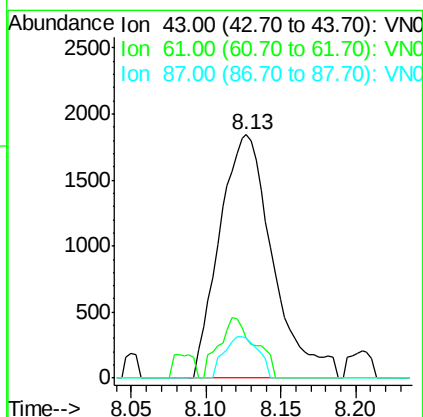
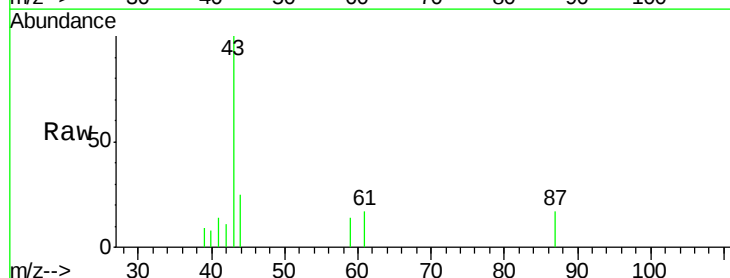
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

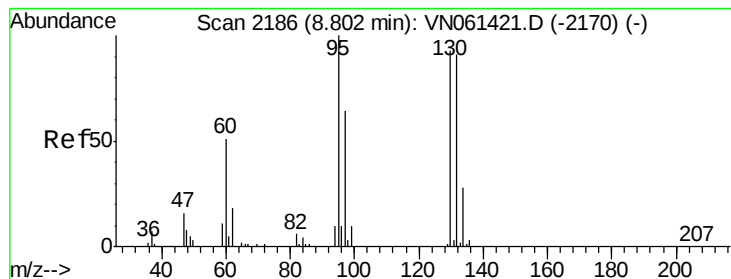
Tot Ion: 62 Resp: 2750
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 17.0



#43
 Isopropyl Acetate
 Concen: 0.906 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion: 43 Resp: 4565
 Ion Ratio Lower Upper
 43 100
 61 16.8 21.3 31.9#
 87 11.1 10.6 15.8





#44

Trichloroethene

Concen: 0.909 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

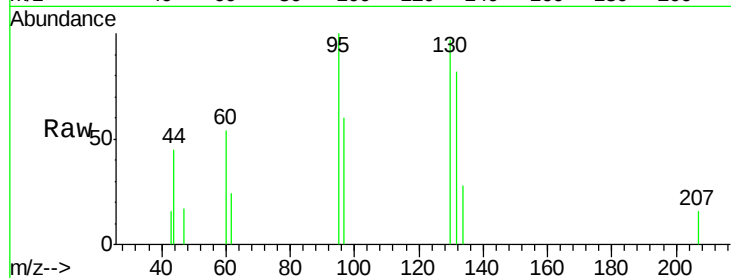
VSTDIC001

Tot Ion:130 Resp: 1945

Ion Ratio Lower Upper

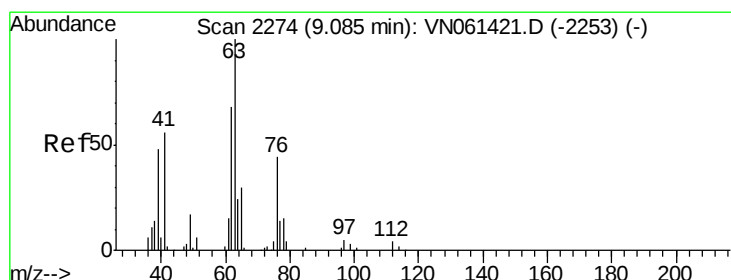
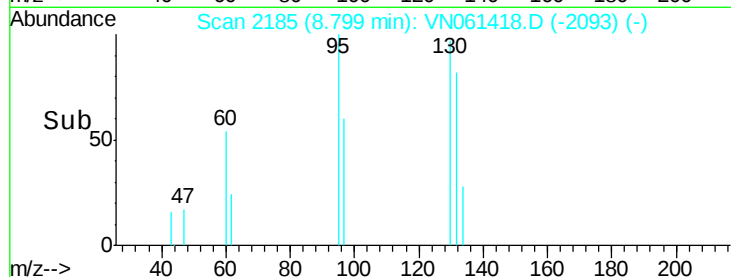
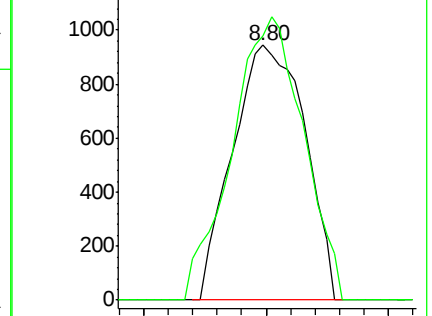
130 100

95 103.5 0.0 214.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#45

1,2-Dichloropropane

Concen: 0.870 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN061418.D

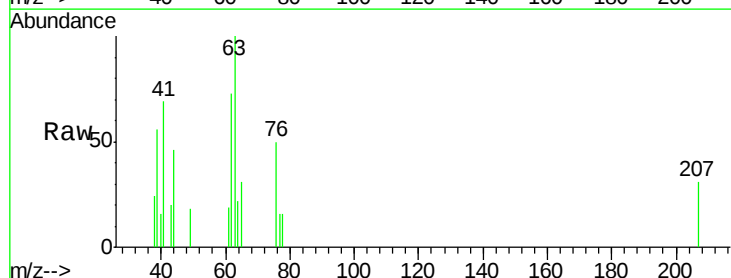
Acq: 15 May 2020 20:12

Tgt Ion: 63 Resp: 1838

Ion Ratio Lower Upper

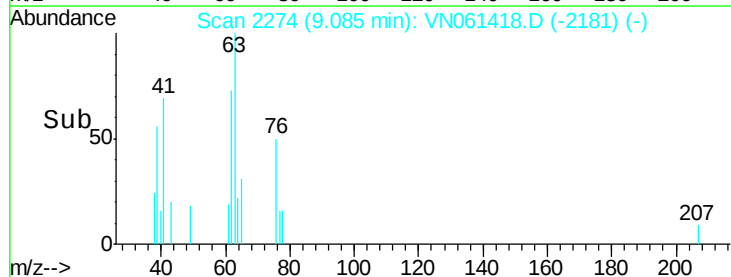
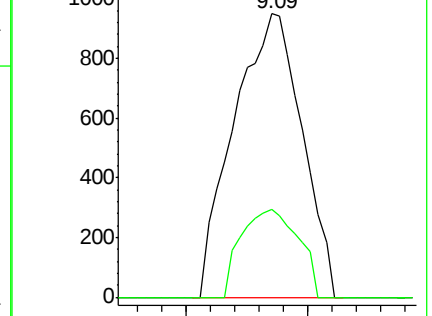
63 100

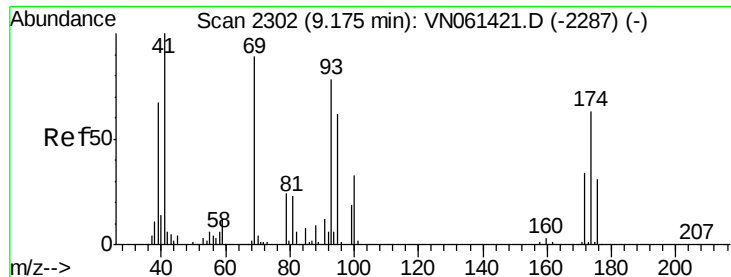
65 30.8 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

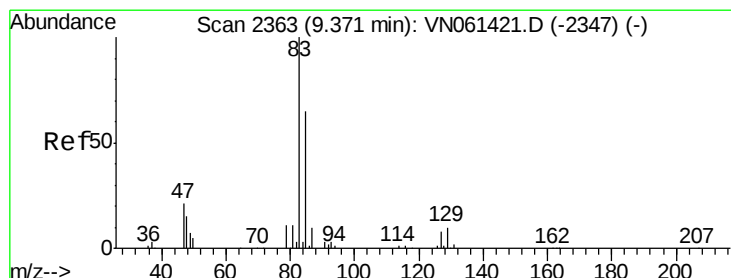
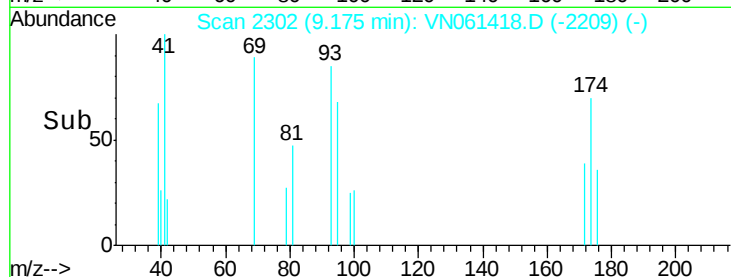
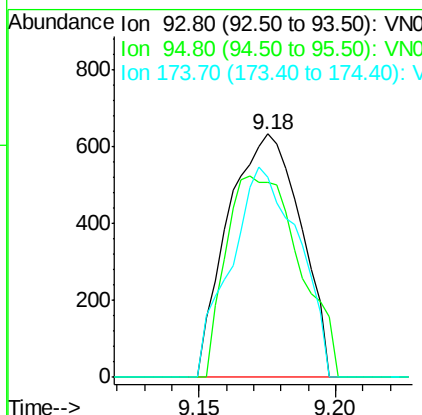
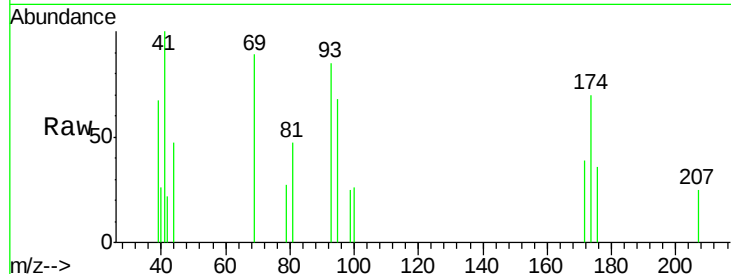




#46
Dibromomethane
Concen: 0.887 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

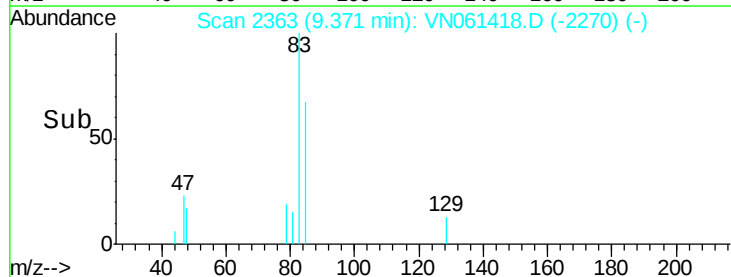
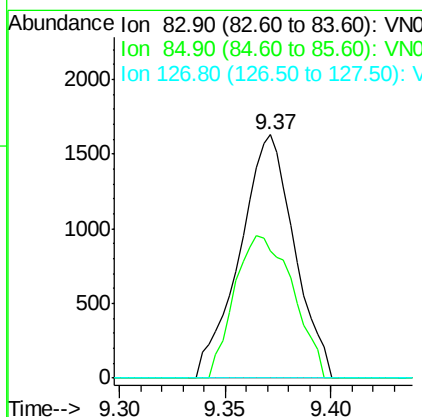
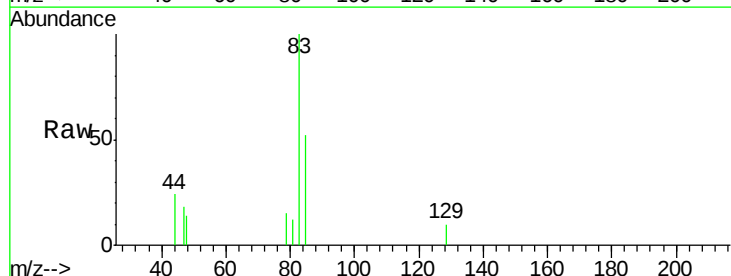
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

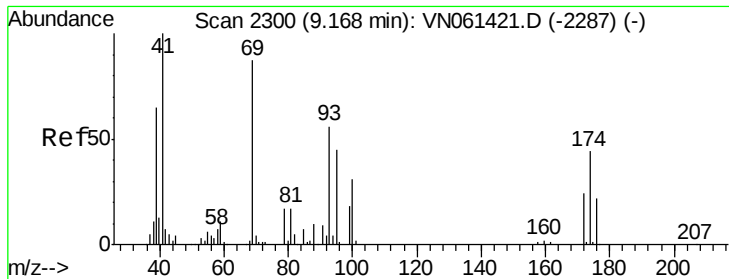
Tot Ion: 93 Resp: 1170
Ion Ratio Lower Upper
93 100
95 83.6 65.3 97.9
174 80.8 66.2 99.2



#47
Bromodichloromethane
Concen: 1.036 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 83 Resp: 2933
Ion Ratio Lower Upper
83 100
85 52.3 52.1 78.1
127 0.0 6.3 9.5#

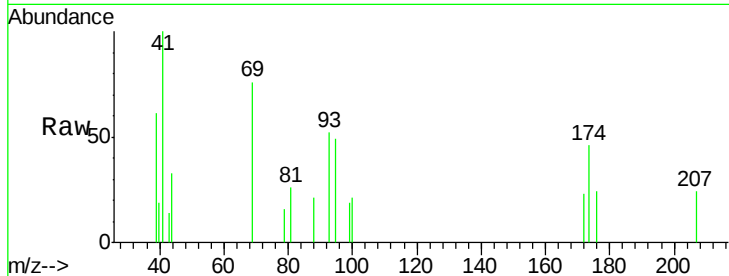




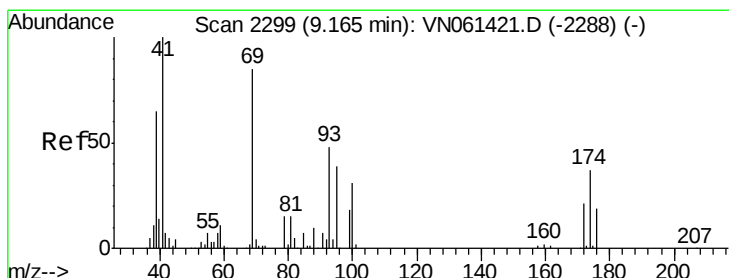
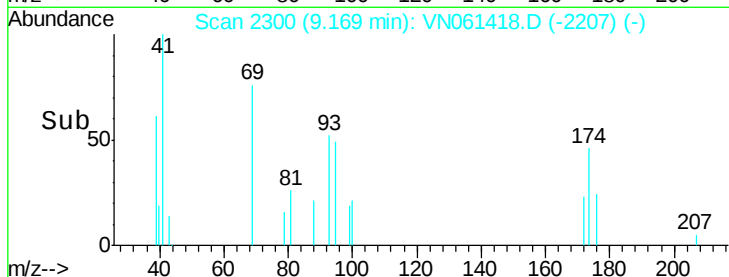
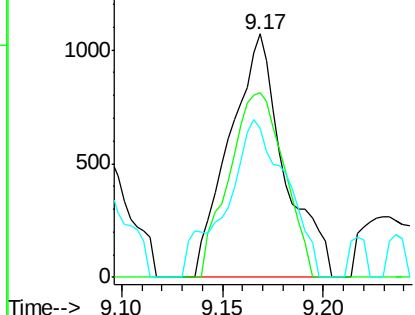
#48
Methvl methacrylate
Concen: 0.889 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 41 Resp: 2016
Ion Ratio Lower Upper
41 100
69 76.9 71.1 106.7
39 72.0 54.8 82.2

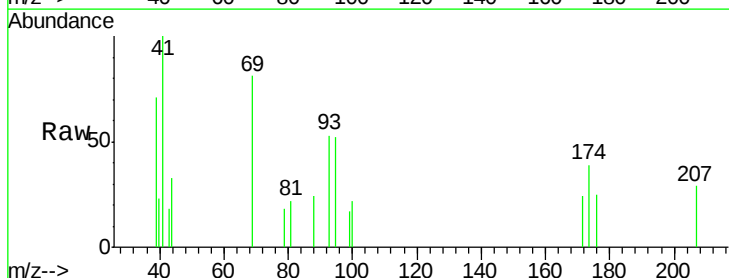


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

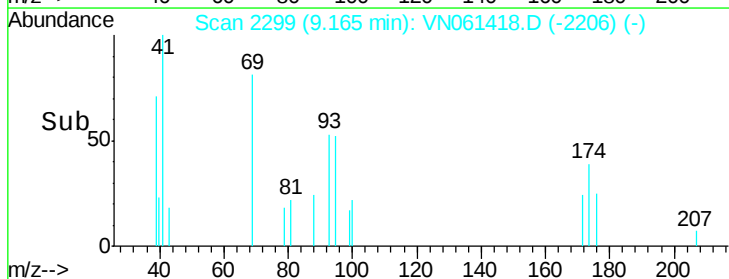
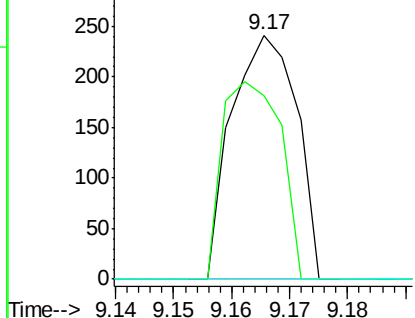


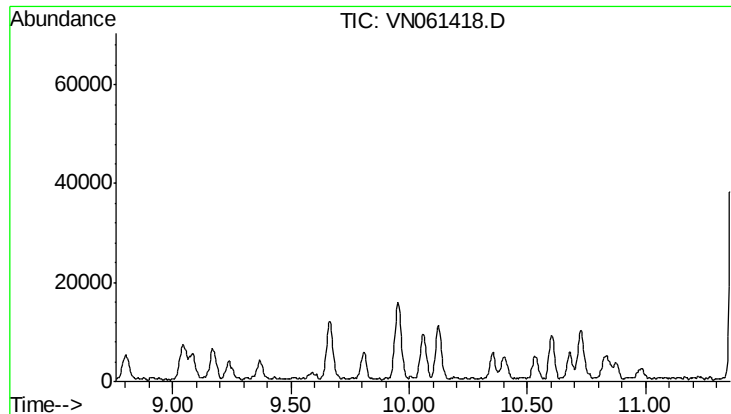
#49
1,4-Dioxane
Concen: 7.685 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 88 Resp: 187
Ion Ratio Lower Upper
88 100
43 72.7 38.9 58.3#
58 0.0 55.5 83.3#



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

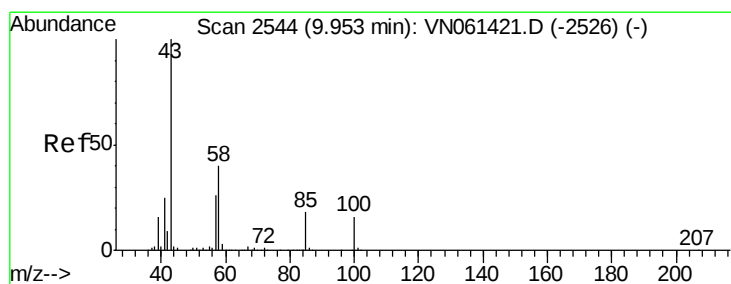
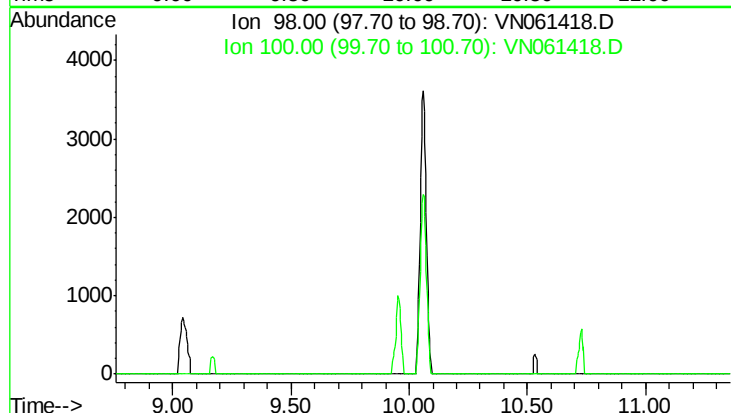




#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.06 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

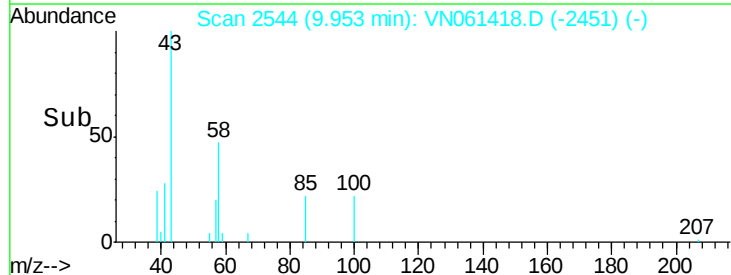
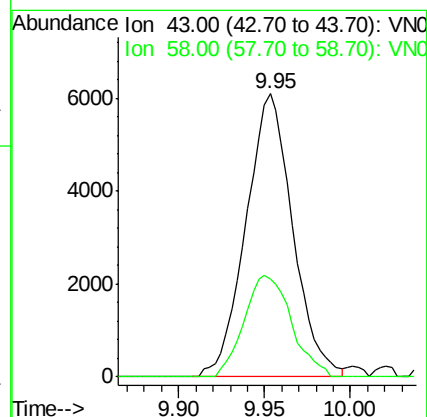
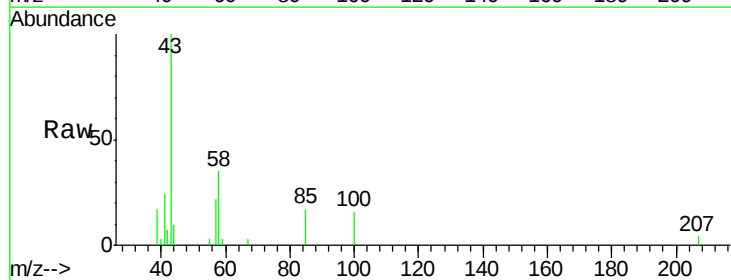
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

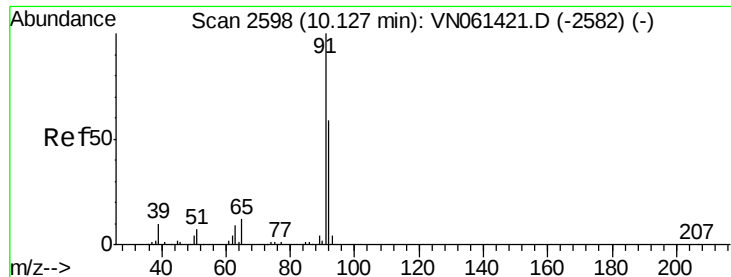
Tot Ion: 98
Sig Exp Ratio
98 100
100 65.0



#51
4-Methyl-2-Pentanone
Concen: 3.945 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion: 43 Resp: 11533
Ion Ratio Lower Upper
43 100
58 36.2 32.2 48.4





#52

Toluene

Concen: 0.930 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampled :

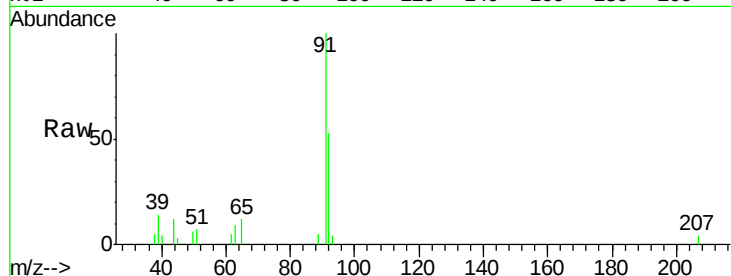
VSTDIC001

Tot Ion: 92 Resp: 4496

Ion Ratio Lower Upper

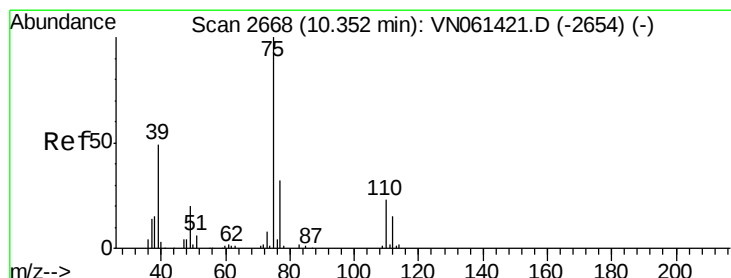
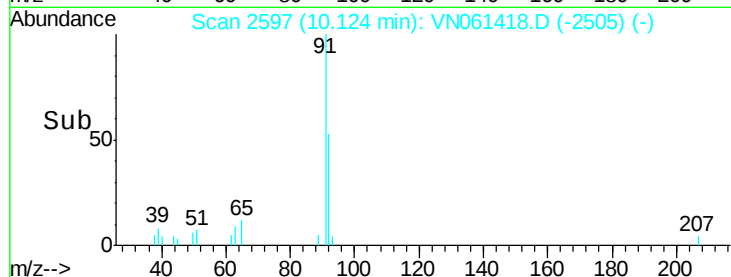
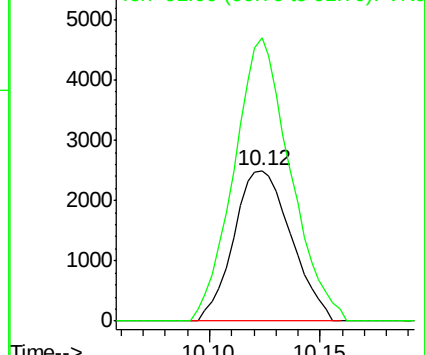
92 100

91 185.1 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VN061418.D (-2597) (-)

Ion 91.00 (90.70 to 91.70): VN061418.D (-2597) (-)



#53

t-1,3-Dichloropropene

Concen: 0.921 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN061418.D

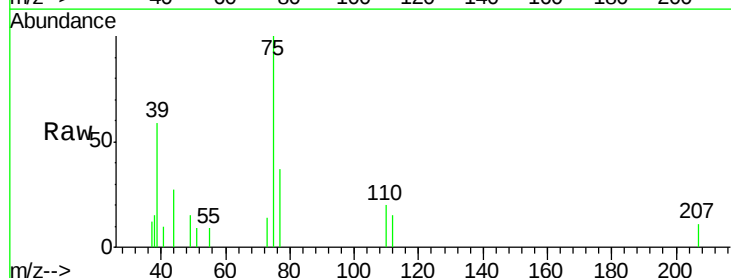
Acq: 15 May 2020 20:12

Tgt Ion: 75 Resp: 2936

Ion Ratio Lower Upper

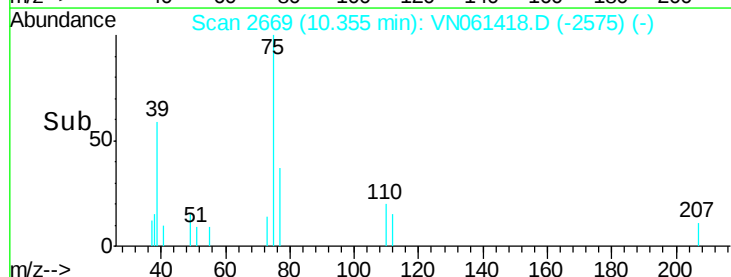
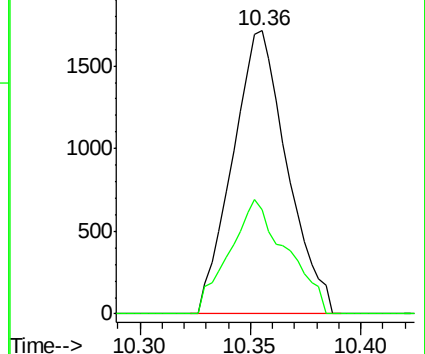
75 100

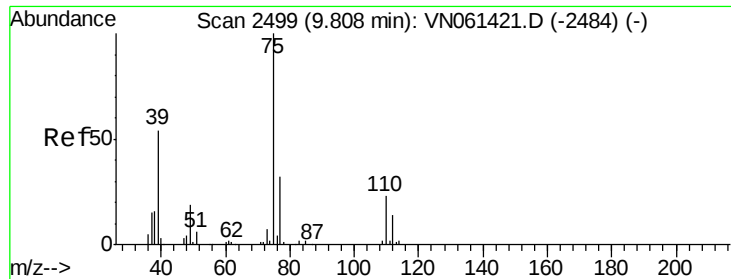
77 36.7 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN061418.D (-2668) (-)

Ion 76.90 (76.60 to 77.60): VN061418.D (-2668) (-)





#54

cis-1,3-Dichloropropene

Concen: 0.980 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

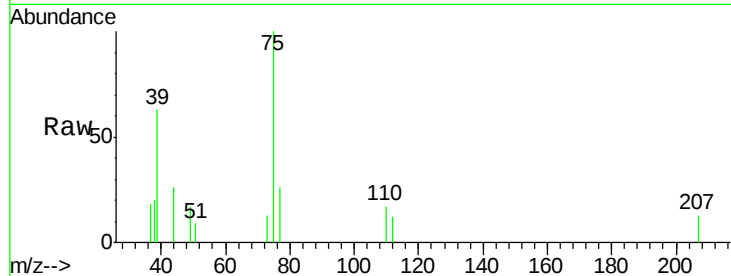
Tot Ion: 75 Resp: 3300

Ion Ratio Lower Upper

75 100

77 26.0 26.0 39.0#

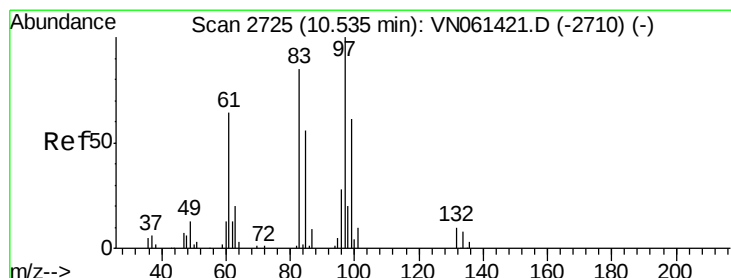
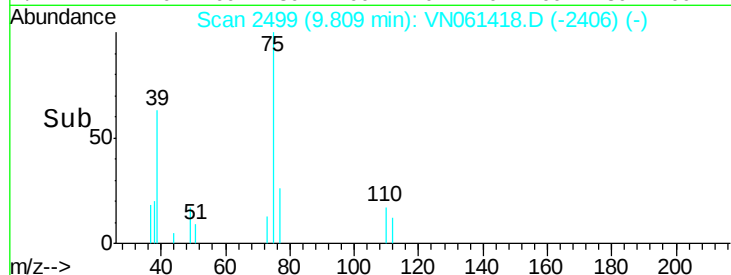
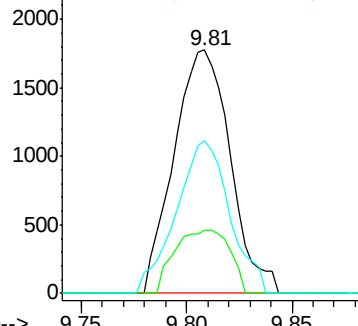
39 62.7 43.0 64.6



Abundance Ion 74.90 (74.60 to 75.60): VN061418.D (-2406) (-)

Ion 76.90 (76.60 to 77.60): VN061418.D (-2406) (-)

Ion 39.00 (38.70 to 39.70): VN061418.D (-2406) (-)



#55

1,1,2-Trichloroethane

Concen: 0.857 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Tgt Ion: 97 Resp: 1642

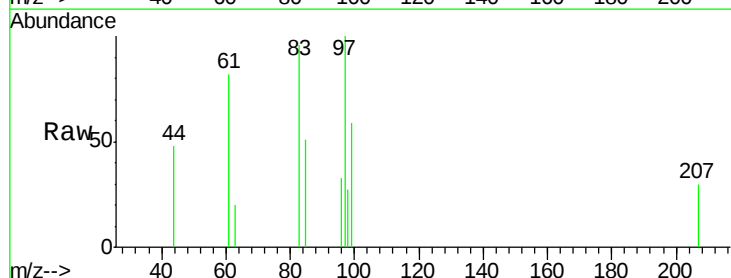
Ion Ratio Lower Upper

97 100

83 96.5 67.7 101.5

85 51.0 44.6 66.8

99 58.7 48.7 73.1

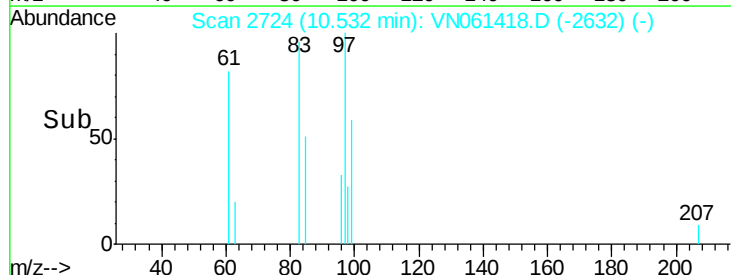
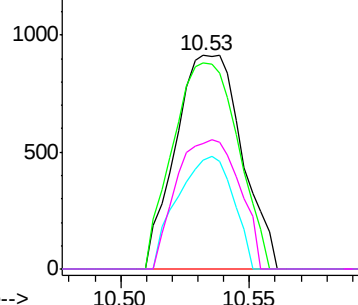


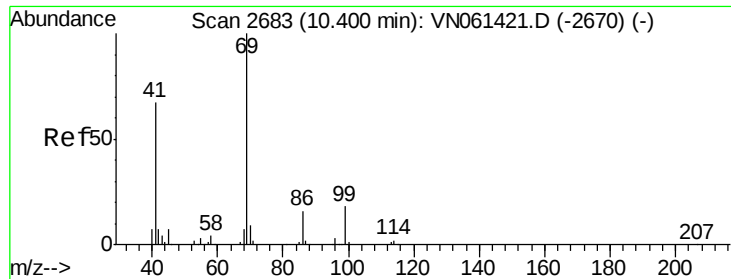
Abundance Ion 96.90 (96.60 to 97.60): VN061418.D (-2632) (-)

Ion 82.90 (82.60 to 83.60): VN061418.D (-2632) (-)

Ion 84.90 (84.60 to 85.60): VN061418.D (-2632) (-)

Ion 98.90 (98.60 to 99.60): VN061418.D (-2632) (-)





#56

Ethyl methacrylate

Concen: 0.935 ug/l

RT: 10.40 min Scan# 2682

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

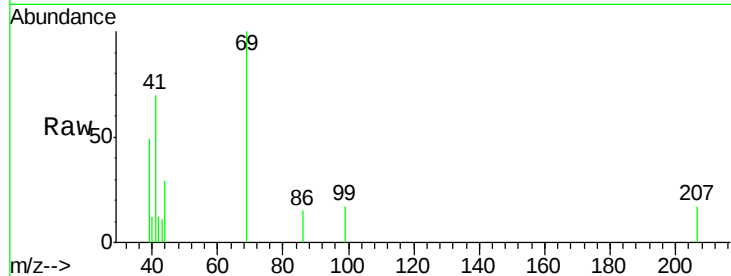
Tot Ion: 69 Resp: 2701

Ion Ratio Lower Upper

69 100

41 81.2 51.6 77.4#

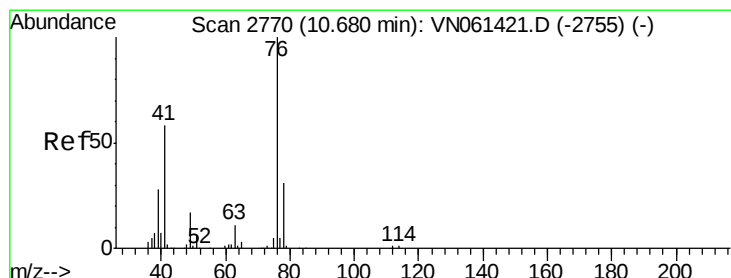
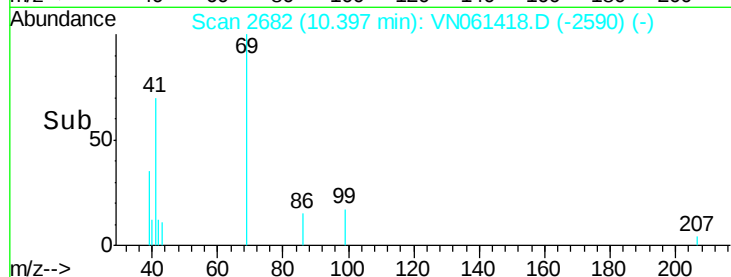
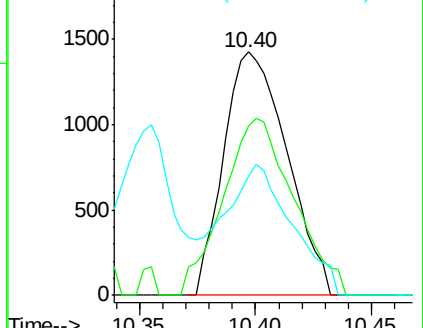
39 56.5 32.9 49.3#



Abundance Ion 69.00 (68.70 to 69.70): VN061418.D (-2590) (-)

Ion 41.00 (40.70 to 41.70): VN061418.D (-2590) (-)

Ion 39.00 (38.70 to 39.70): VN061418.D (-2590) (-)



#57

1,3-Dichloropropane

Concen: 0.844 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061418.D

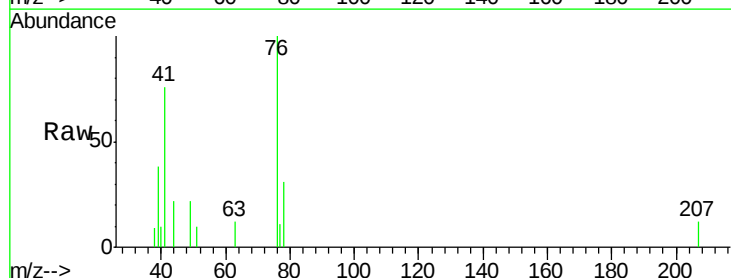
Acq: 15 May 2020 20:12

Tgt Ion: 76 Resp: 2826

Ion Ratio Lower Upper

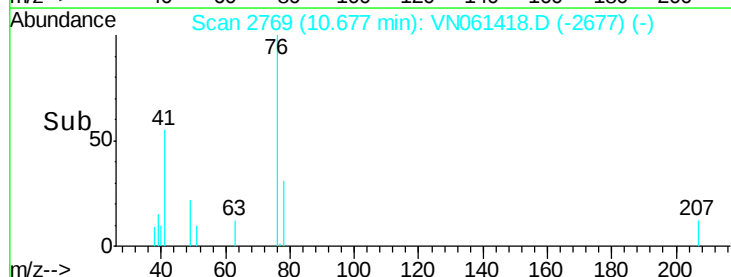
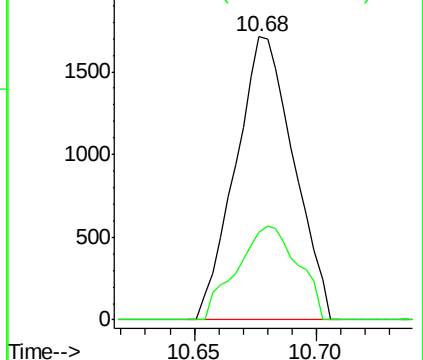
76 100

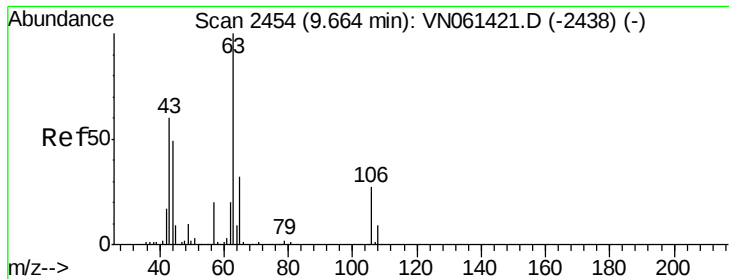
78 34.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN061418.D (-2677) (-)

Ion 77.90 (77.60 to 78.60): VN061418.D (-2677) (-)

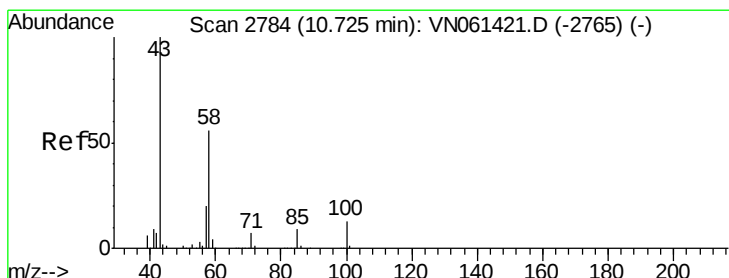
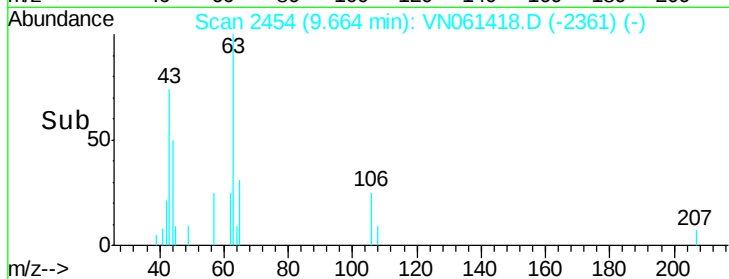
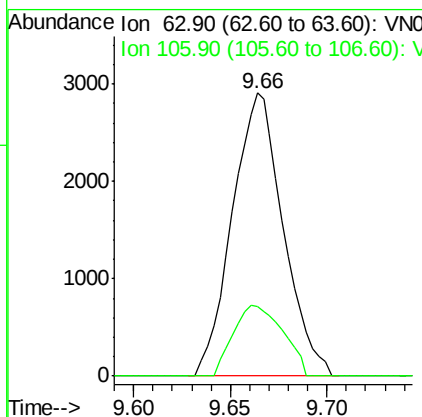
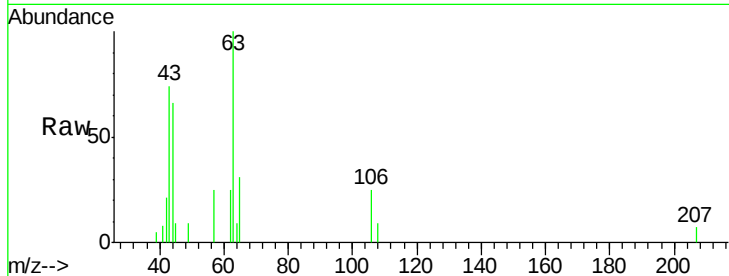




#58
 2-Chloroethyl Vinyl ether
 Concen: 3.512 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

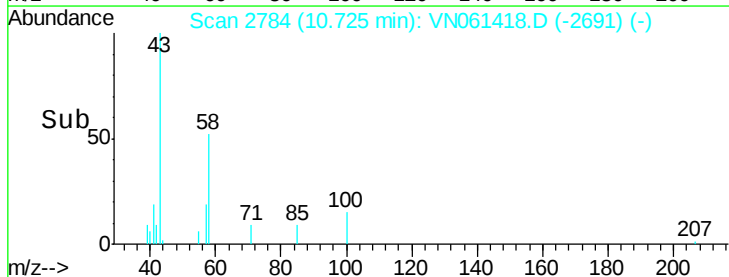
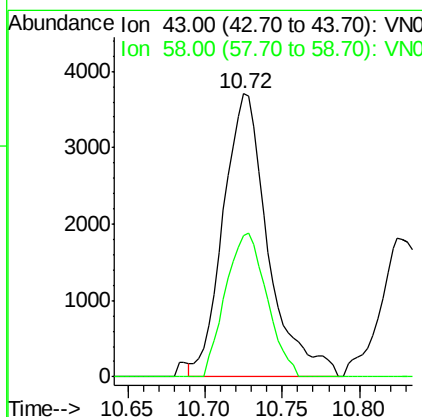
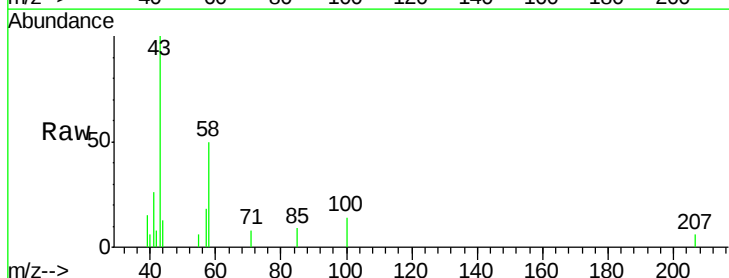
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

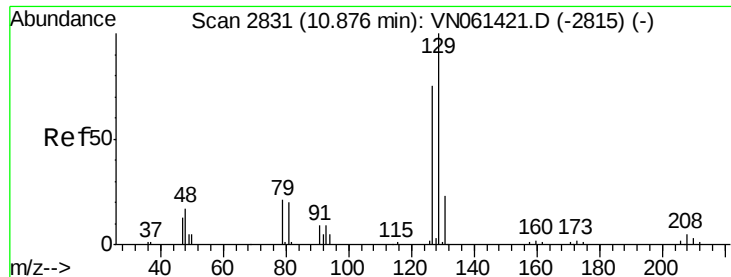
Tot Ion: 63 Resp: 5318
 Ion Ratio Lower Upper
 63 100
 106 24.3 21.7 32.5



#59
 2-Hexanone
 Concen: 3.549 ug/l
 RT: 10.72 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion: 43 Resp: 7480
 Ion Ratio Lower Upper
 43 100
 58 46.6 27.9 83.7





#60

Dibromochloromethane

Concen: 0.870 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

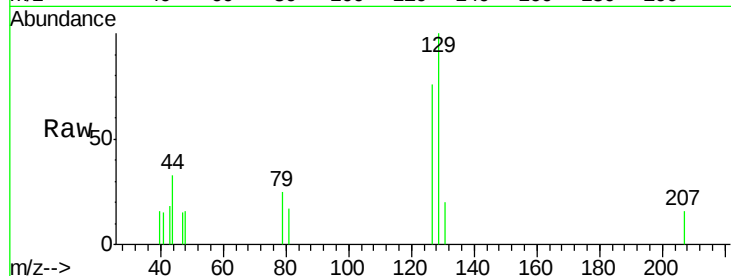
VSTDIC001

Tot Ion:129 Resp: 1756

Ion Ratio Lower Upper

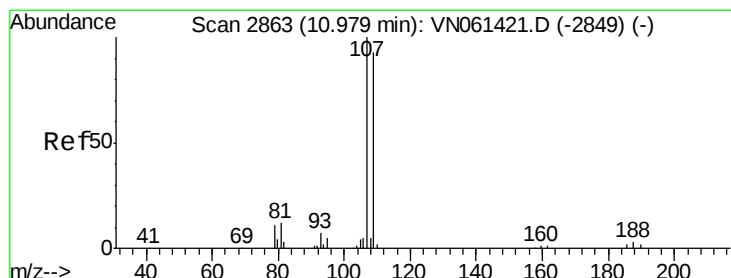
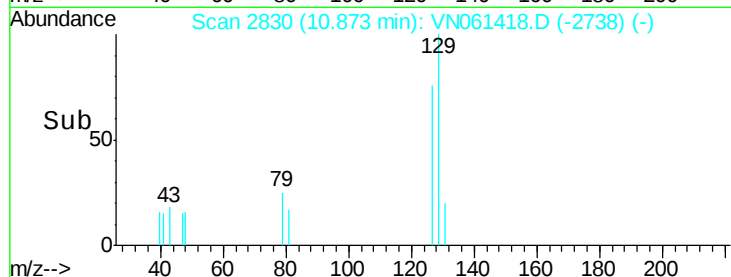
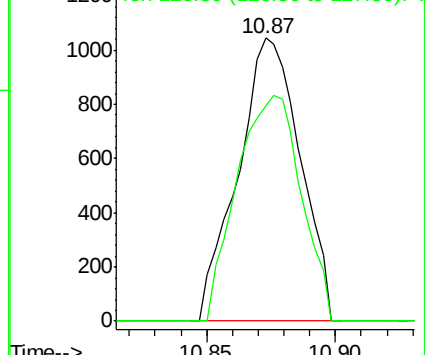
129 100

127 82.5 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.892 ug/l

RT: 10.98 min Scan# 2864

Delta R.T. 0.00 min

Lab File: VN061418.D

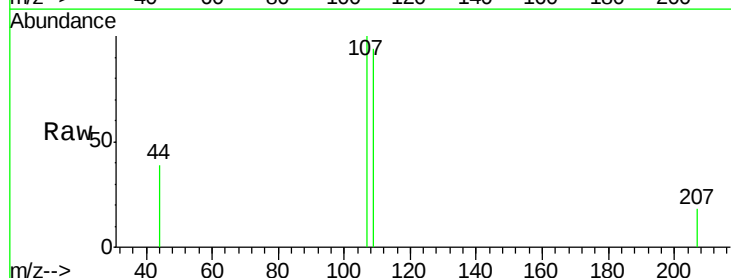
Acq: 15 May 2020 20:12

Tgt Ion:107 Resp: 1715

Ion Ratio Lower Upper

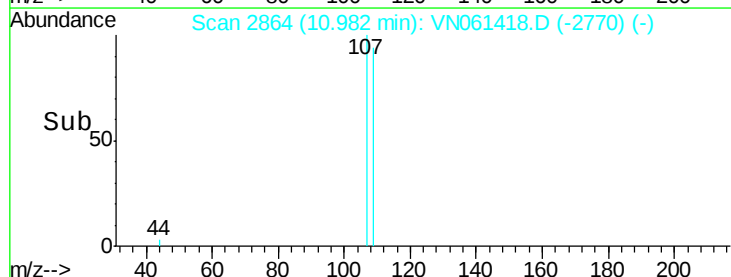
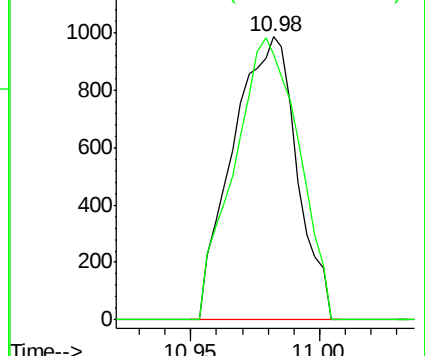
107 100

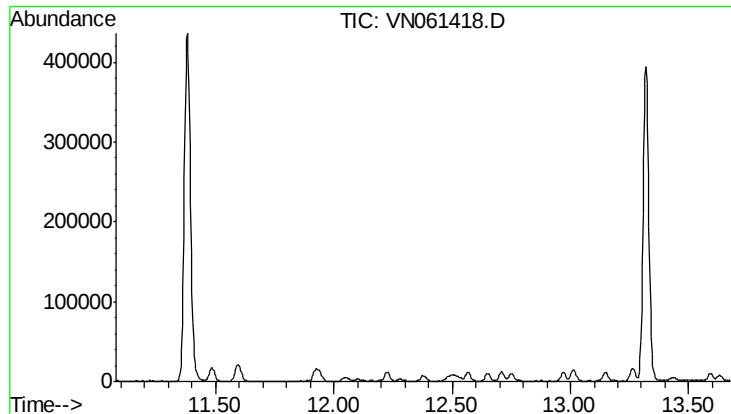
109 100.3 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.38 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

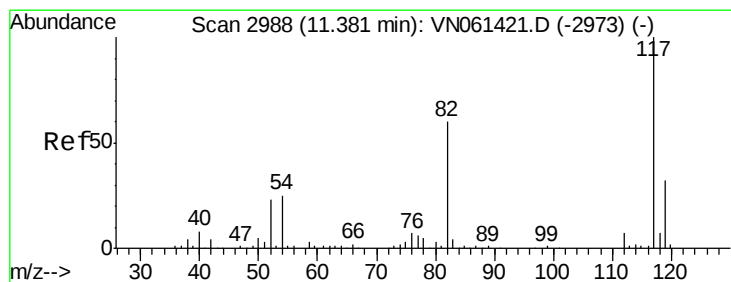
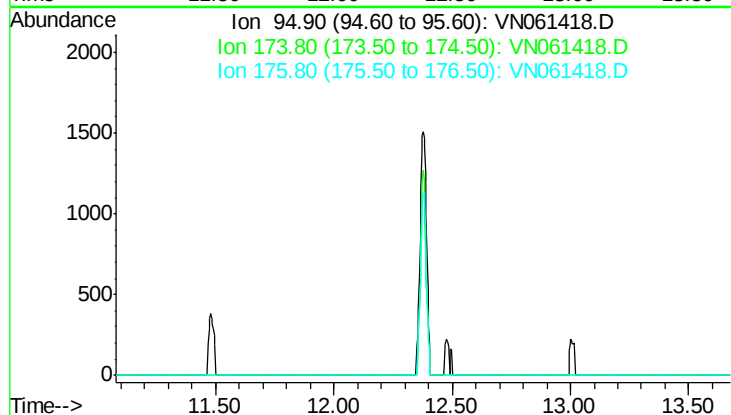
Tot Ion: 95

Sig Exp Ratio

95 100

174 70.2

176 67.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

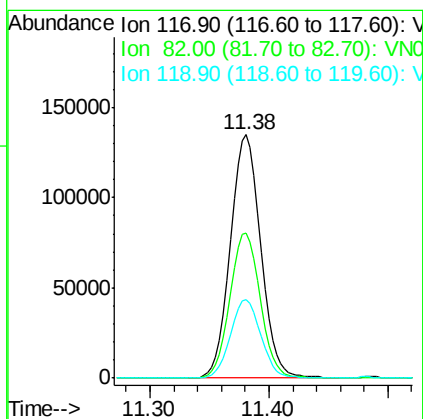
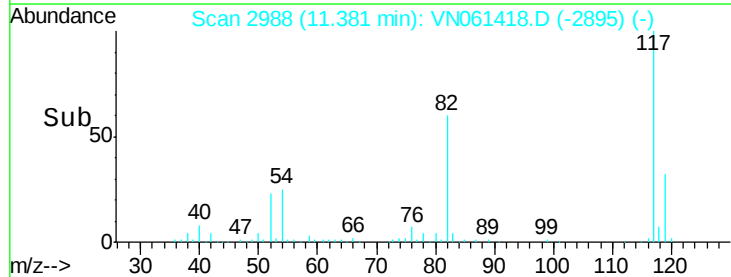
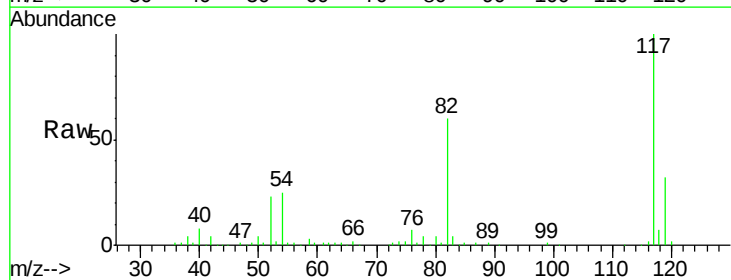
Tgt Ion: 117 Resp: 238898

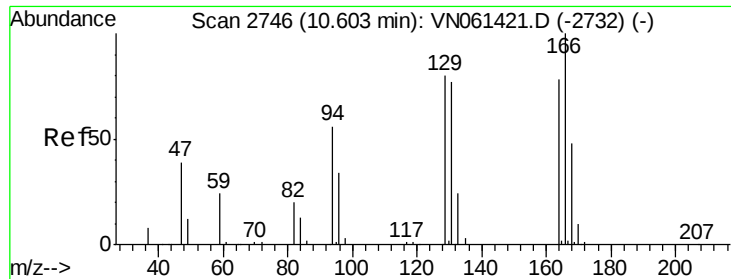
Ion Ratio Lower Upper

117 100

82 59.7 47.7 71.5

119 32.5 25.3 37.9

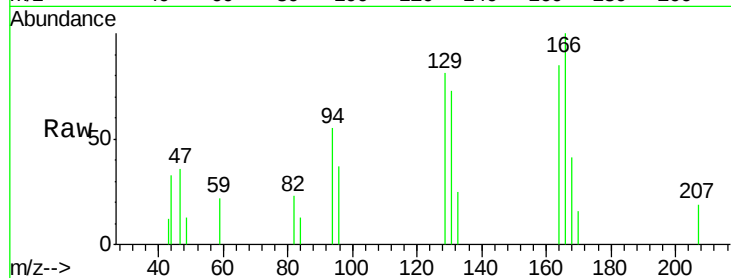




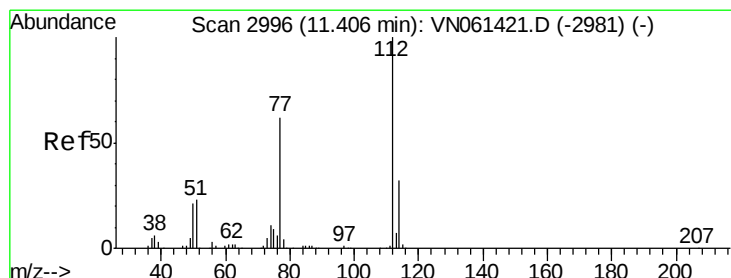
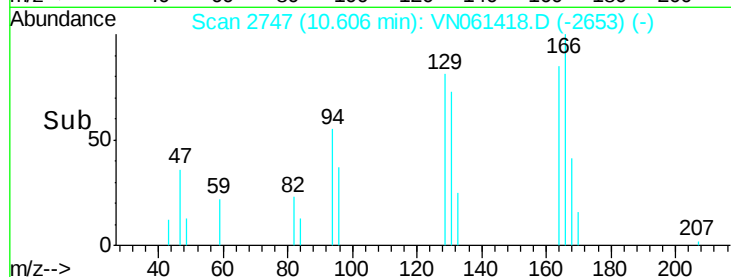
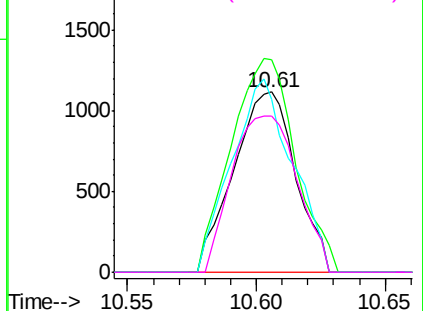
#64
Tetrachloroethene
Concen: 0.923 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:164 Resp: 1875
Ion Ratio Lower Upper
164 100
166 118.2 102.6 154.0
129 95.6 81.9 122.9
131 86.4 79.4 119.0

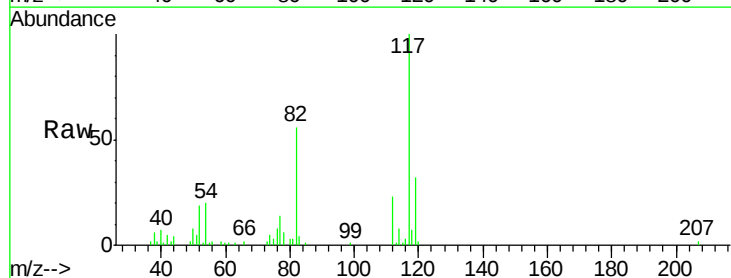


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

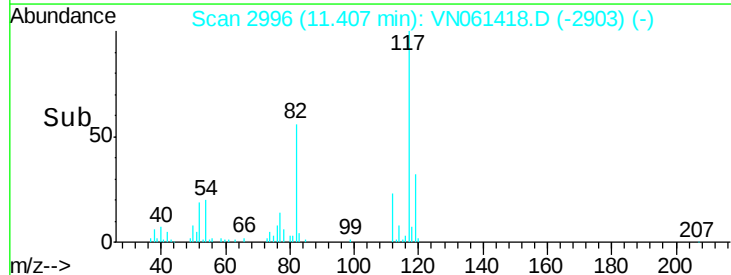
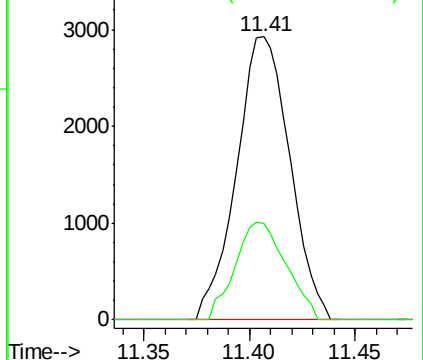


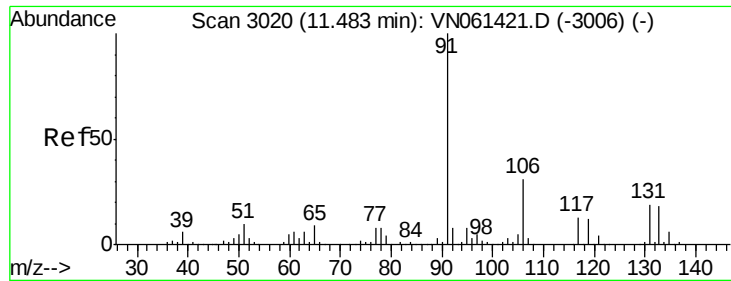
#65
Chlorobenzene
Concen: 1.086 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion:112 Resp: 5153
Ion Ratio Lower Upper
112 100
114 34.1 25.8 38.8



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: 0.946 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

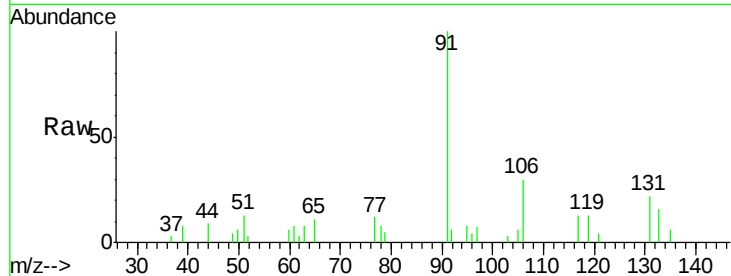
Tot Ion:131 Resp: 1611

Ion Ratio Lower Upper

131 100

133 98.0 47.5 142.5

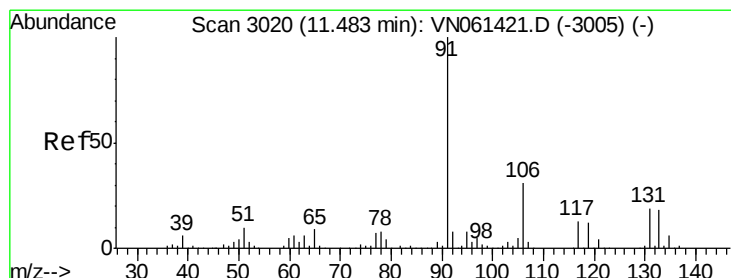
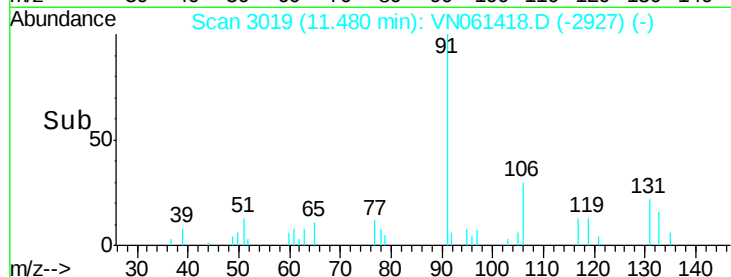
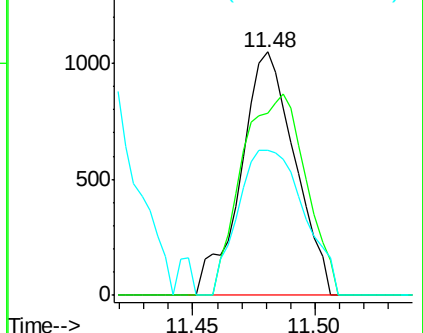
119 0.0 33.0 98.9#



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: 0.983 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061418.D

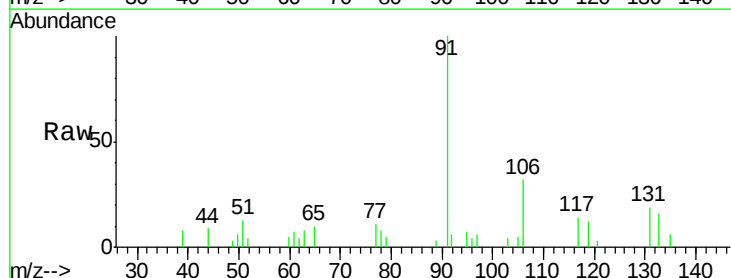
Acq: 15 May 2020 20:12

Tgt Ion: 91 Resp: 8737

Ion Ratio Lower Upper

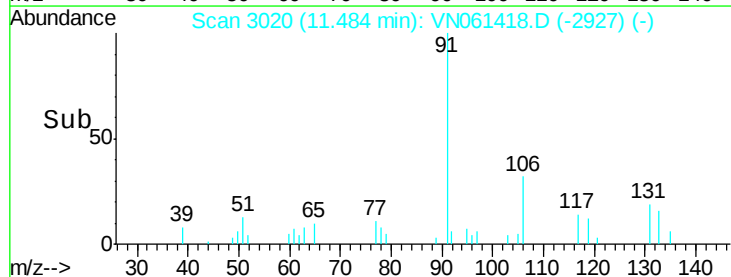
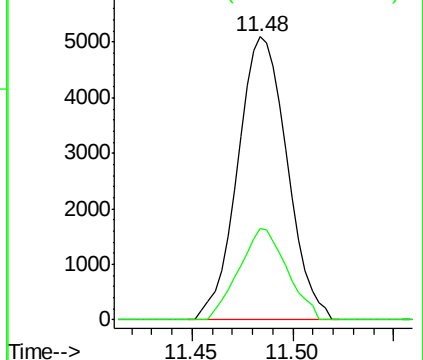
91 100

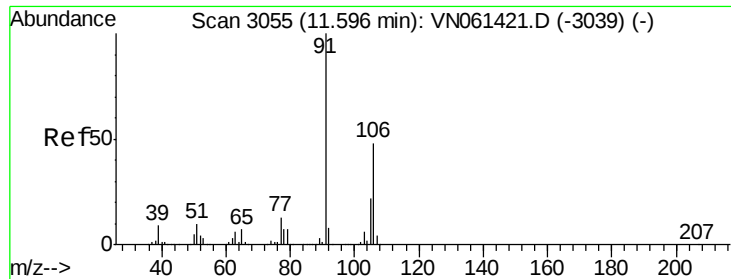
106 32.4 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

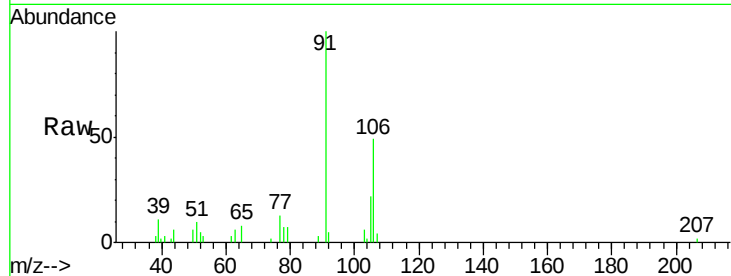




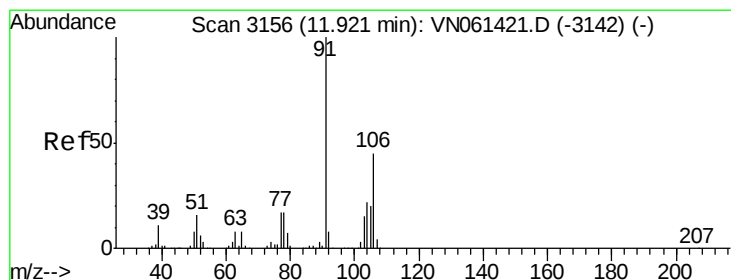
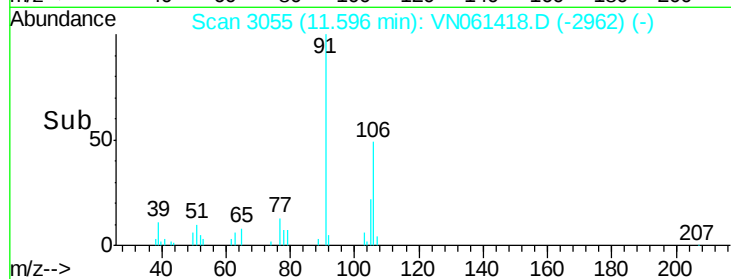
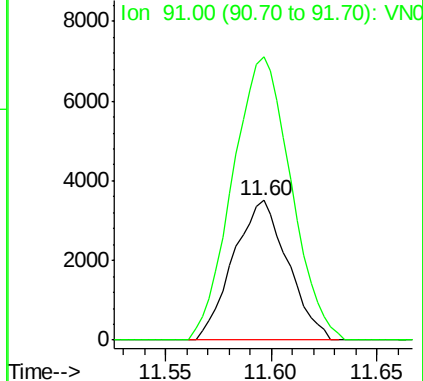
#68
m/p-Xylenes
Concen: 1.932 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 6305
Ion Ratio Lower Upper
106 100
91 217.0 167.4 251.2

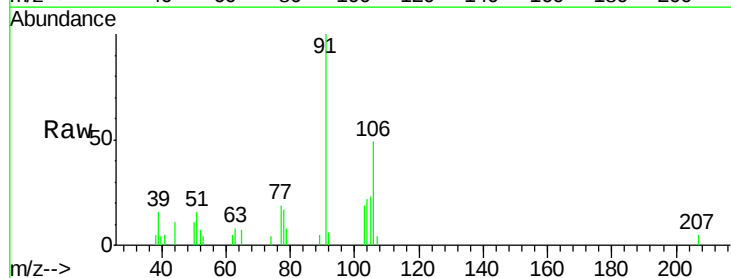


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

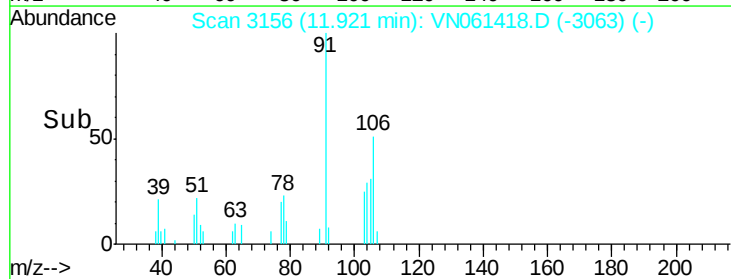
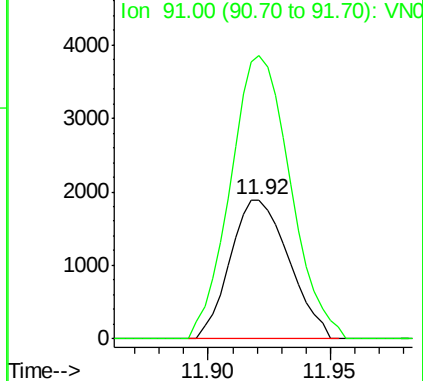


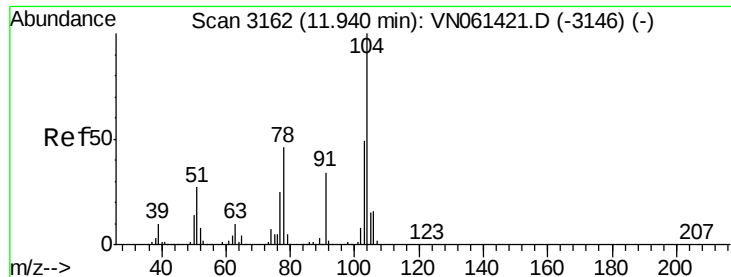
#69
o-Xylene
Concen: 1.009 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion:106 Resp: 3163
Ion Ratio Lower Upper
106 100
91 207.7 109.7 329.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

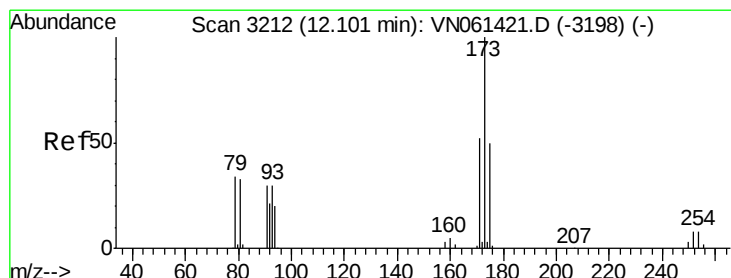
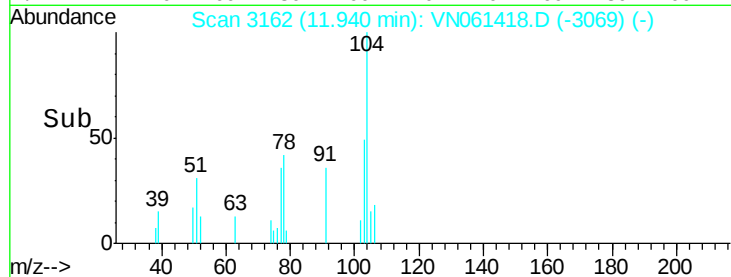
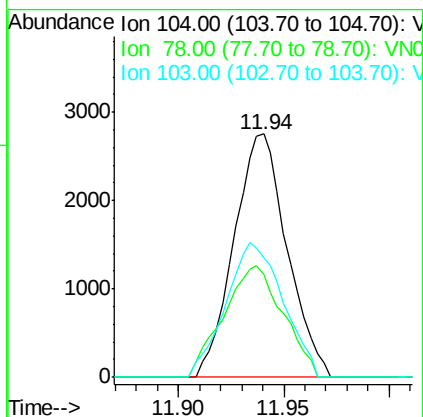
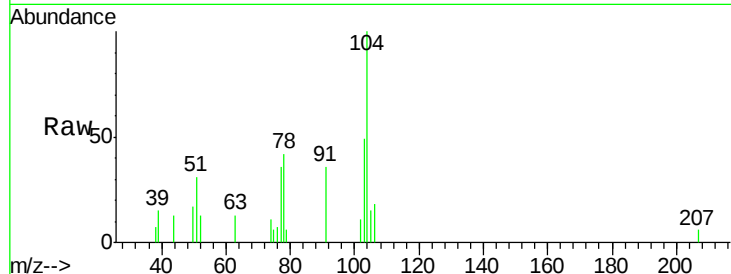




#70
Stvrene
Concen: 0.912 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

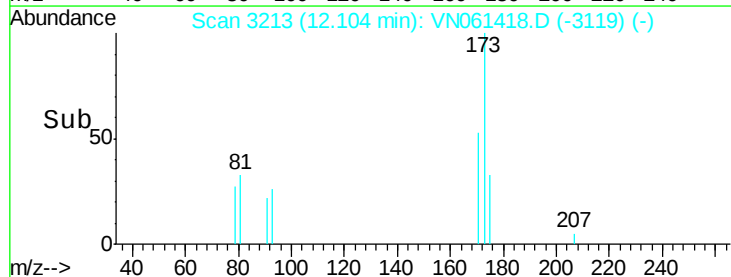
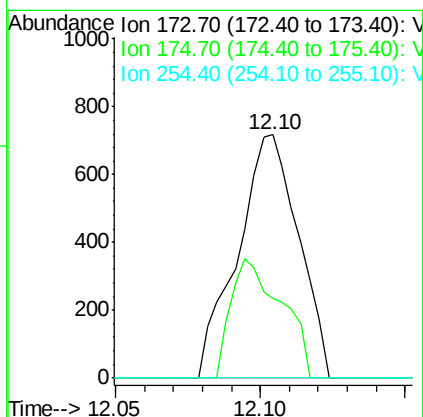
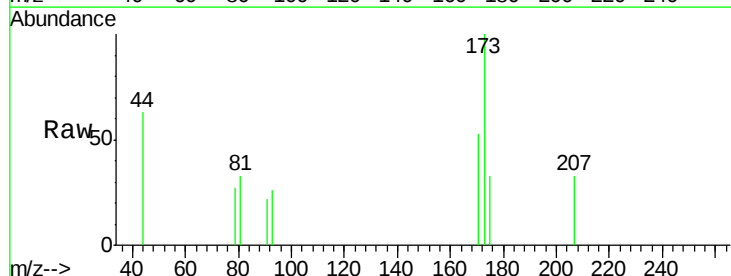
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

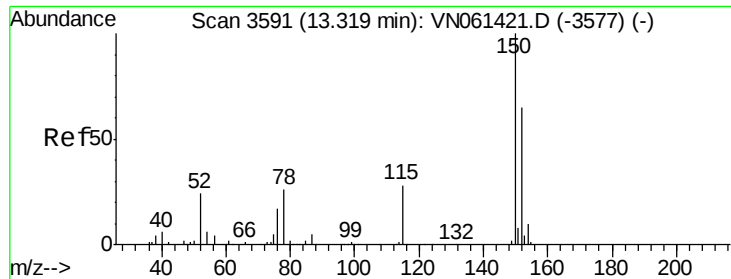
Tot Ion:104 Resp: 4803
Ion Ratio Lower Upper
104 100
78 51.4 41.8 62.8
103 59.8 42.9 64.3



#71
Bromoform
Concen: 0.846 ug/l
RT: 12.10 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion:173 Resp: 1045
Ion Ratio Lower Upper
173 100
175 40.5 24.1 72.4
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

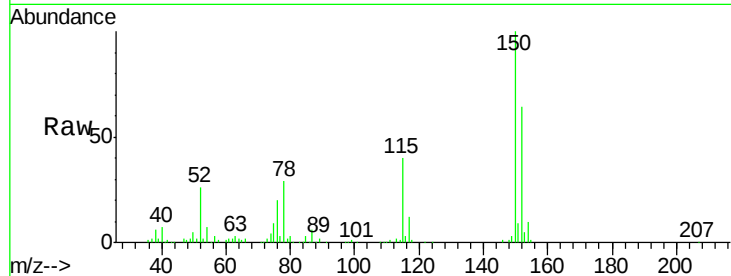
Tot Ion:152 Resp: 98035

Ion Ratio Lower Upper

152 100

115 62.4 30.9 92.7

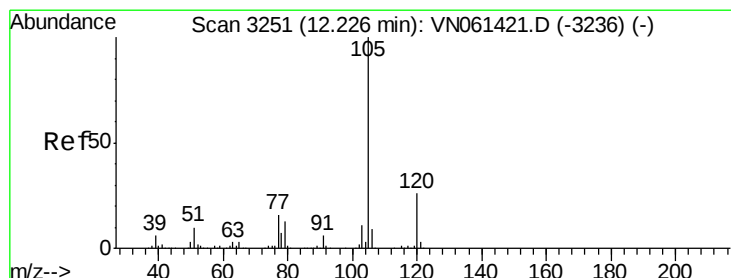
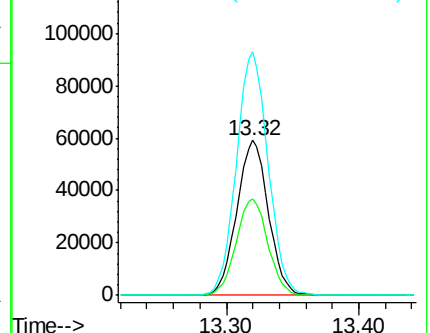
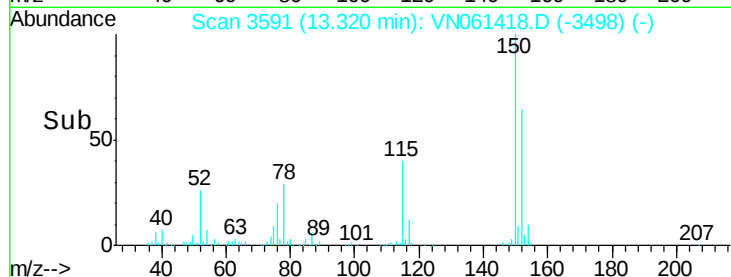
150 157.6 0.0 344.4



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: 1.109 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061418.D

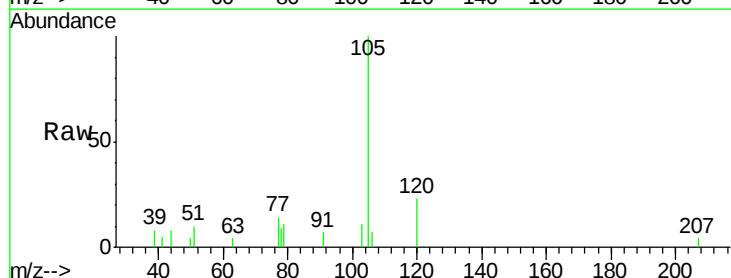
Acq: 15 May 2020 20:12

Tgt Ion:105 Resp: 8040

Ion Ratio Lower Upper

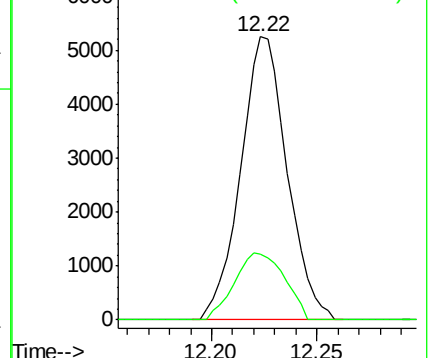
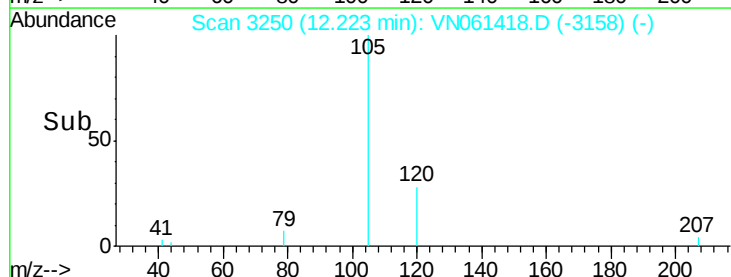
105 100

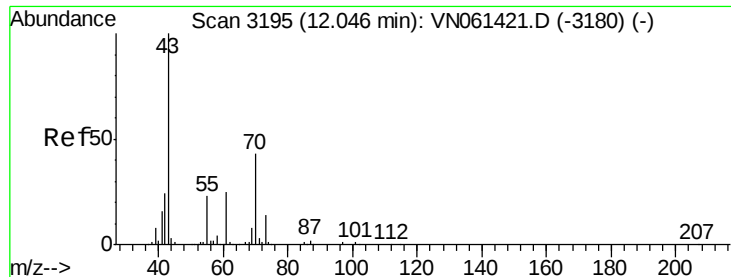
120 25.4 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.870 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 3071

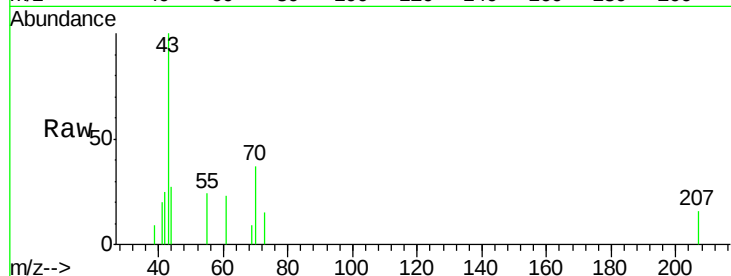
Ion Ratio Lower Upper

43 100

70 32.7 34.8 52.2#

55 27.8 19.0 28.6

61 19.3 20.0 30.0#

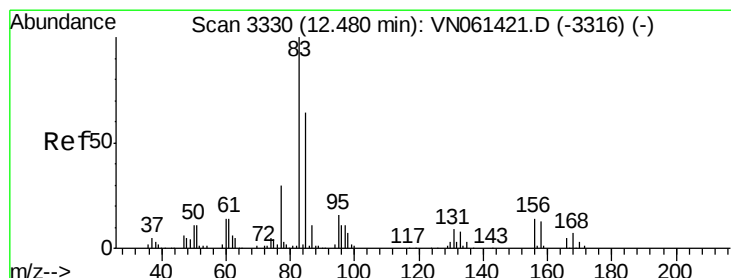
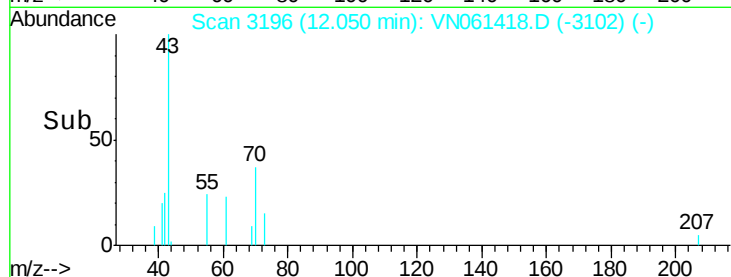
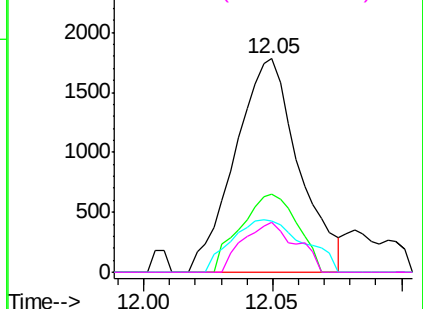


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 1.160 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

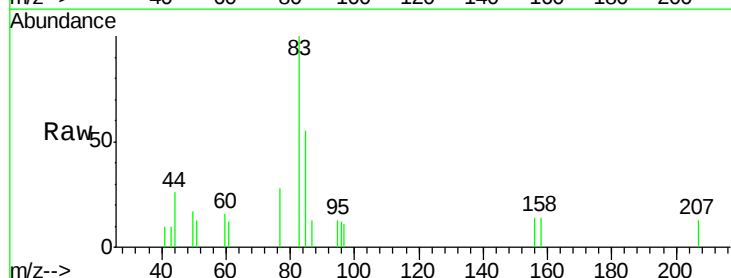
Tgt Ion: 83 Resp: 2570

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

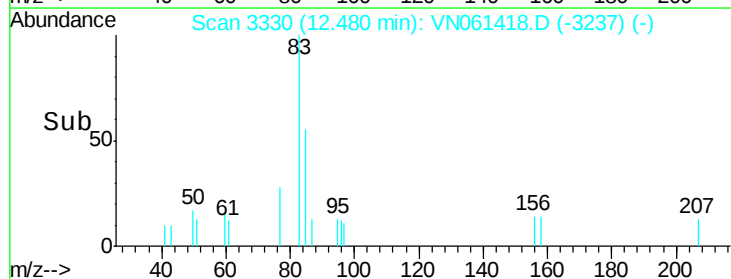
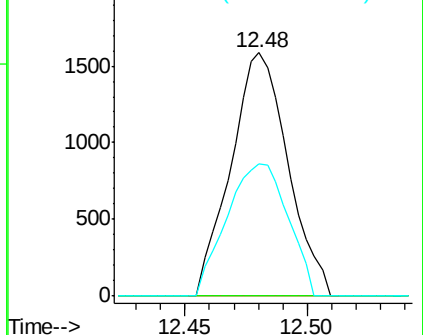
85 58.3 32.3 96.8

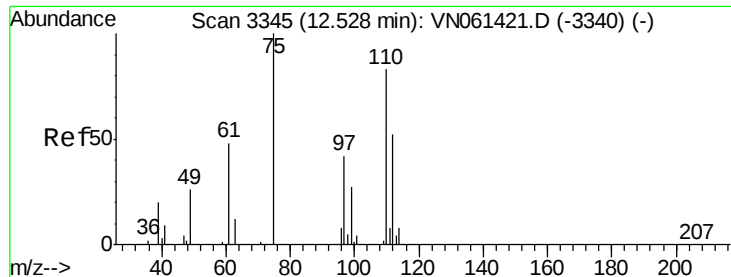


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

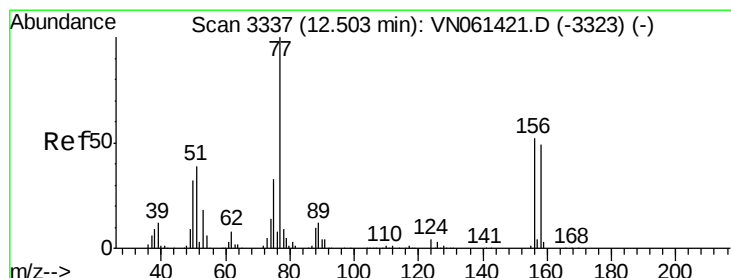
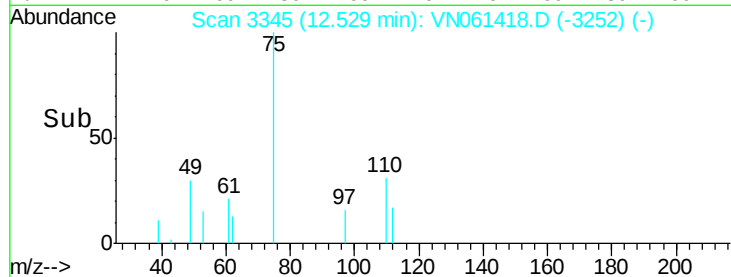
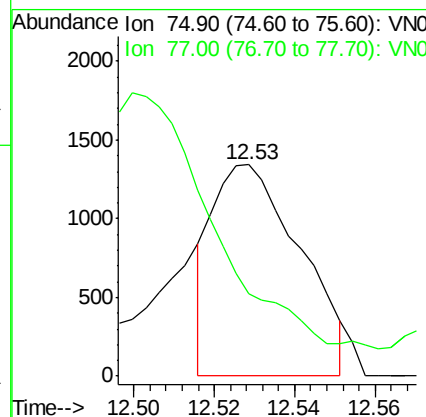
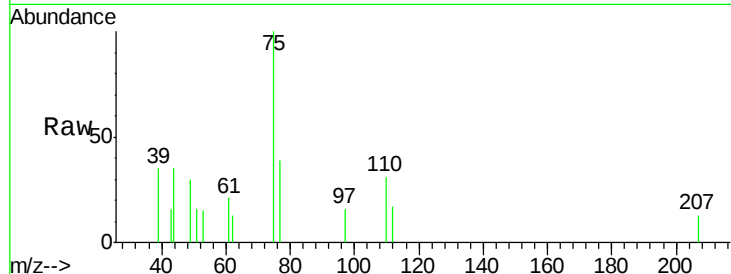




#76
 1,2,3-Trichloropropane
 Concen: 0.993 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

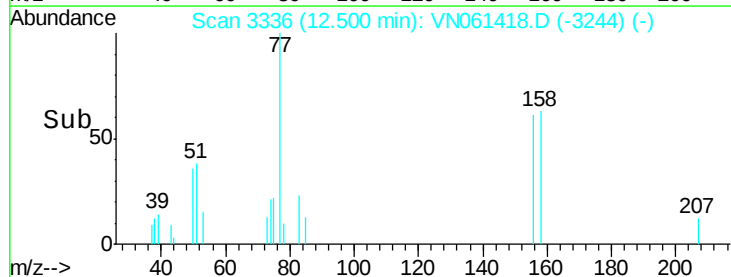
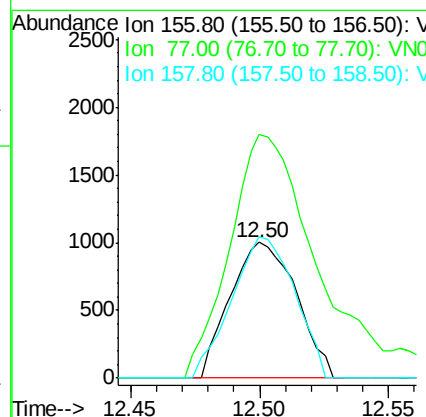
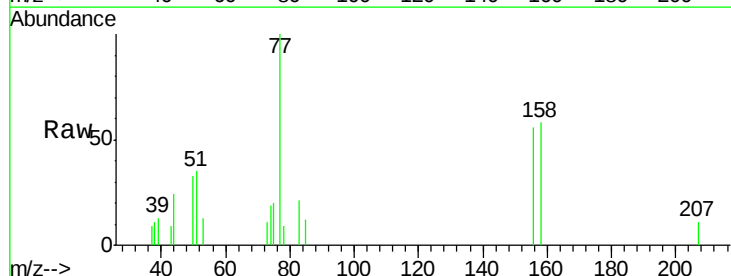
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

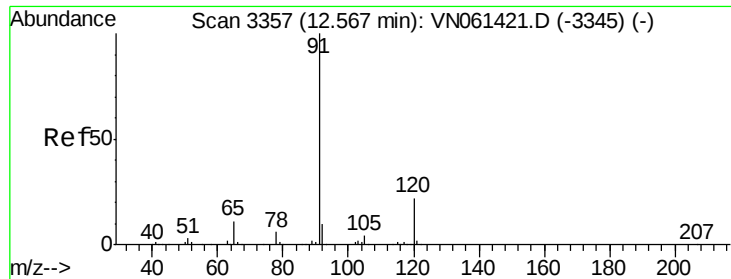
Tot Ion: 75 Resp: 2026
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 1.083 ug/l
 RT: 12.50 min Scan# 3336
 Delta R.T. -0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion: 156 Resp: 1793
 Ion Ratio Lower Upper
 156 100
 77 237.4 115.8 347.3
 158 99.2 47.4 142.3





#78

n-propylbenzene

Concen: 1.115 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

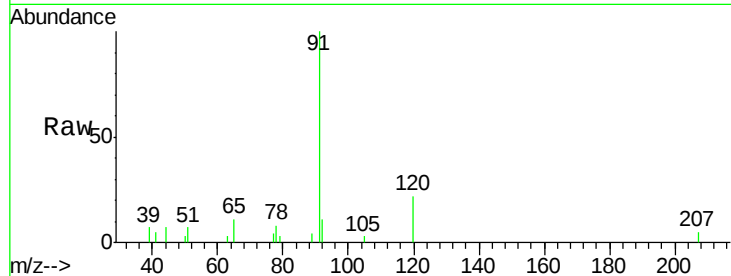
VSTDIC001

Tot Ion: 91 Resp: 9555

Ion Ratio Lower Upper

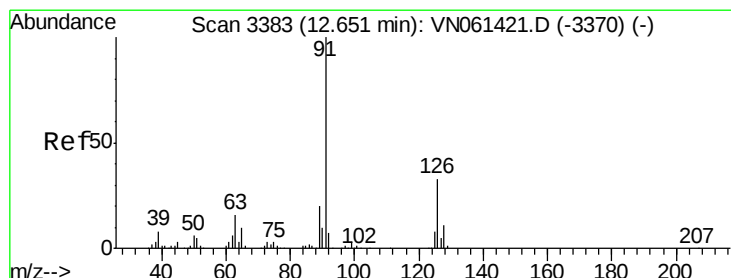
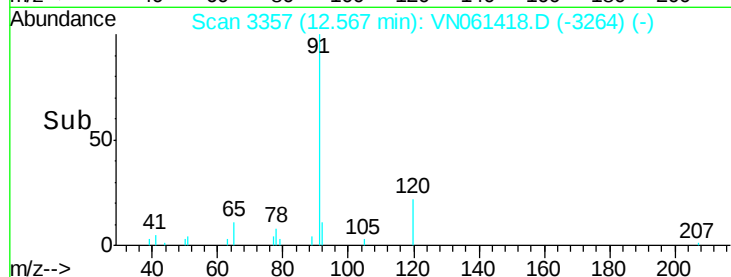
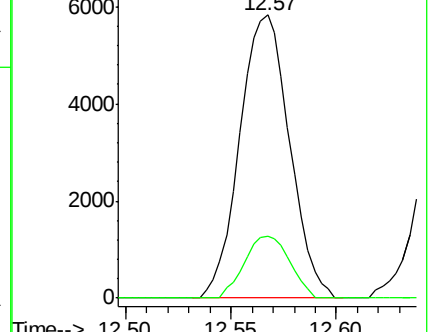
91 100

120 19.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN061418.D (-3264) (-)

Ion 120.00 (119.70 to 120.70): VN061418.D (-3264) (-)



#79

2-Chlorotoluene

Concen: 1.152 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061418.D

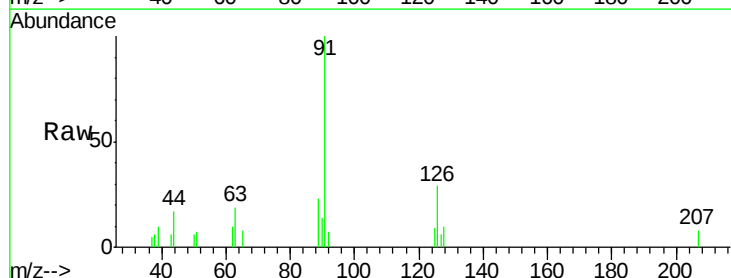
Acq: 15 May 2020 20:12

Tgt Ion: 91 Resp: 5807

Ion Ratio Lower Upper

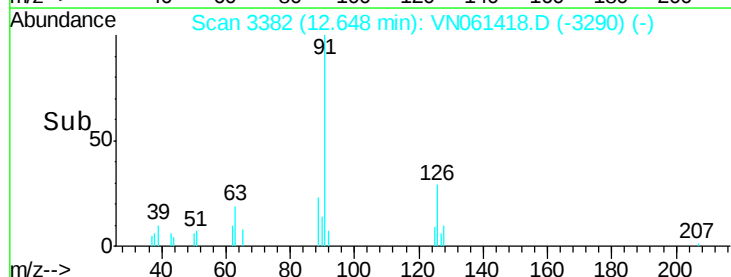
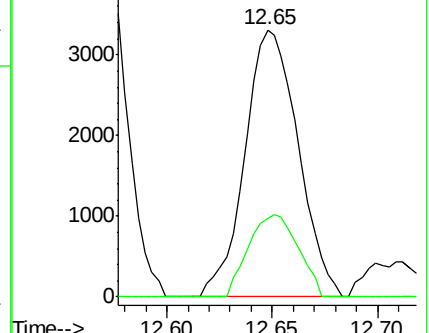
91 100

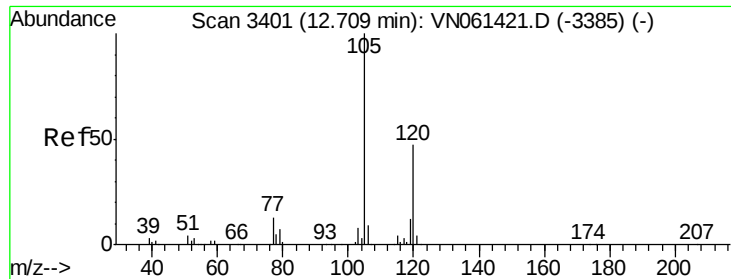
126 28.6 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN061418.D (-3290) (-)

Ion 125.90 (125.60 to 126.60): VN061418.D (-3290) (-)

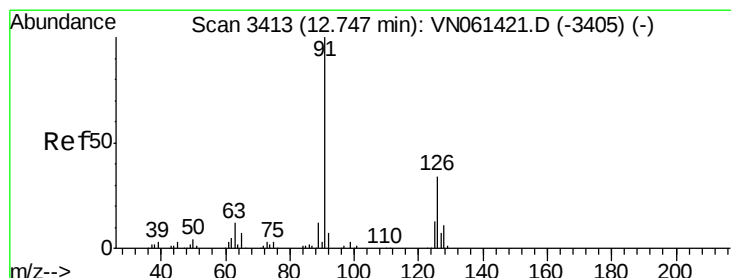
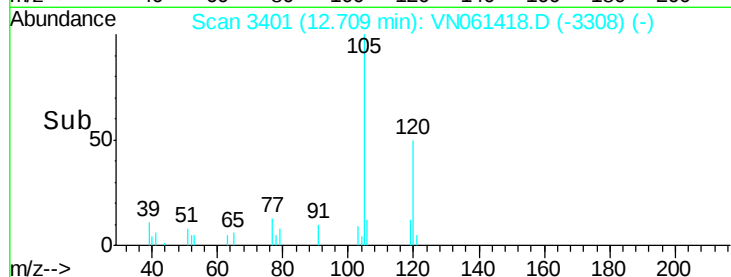
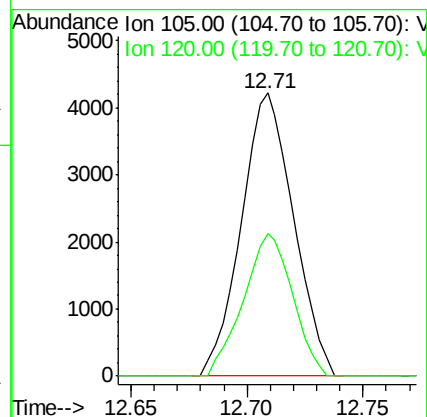
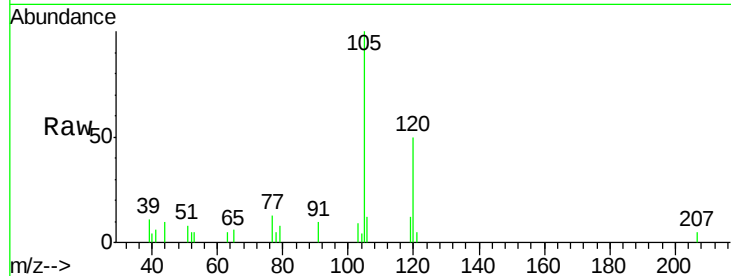




#80
 1,3,5-Trimethylbenzene
 Concen: 1.096 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

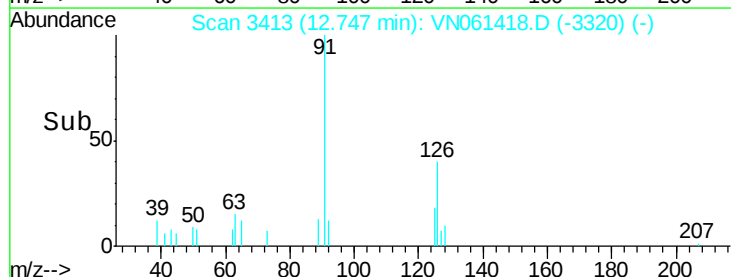
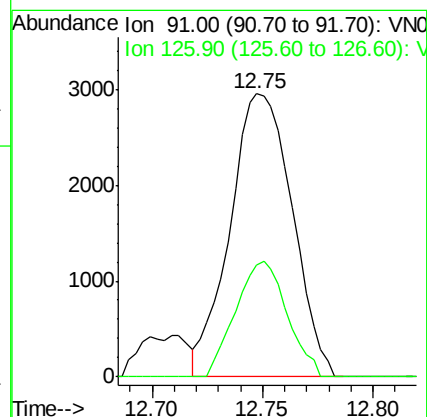
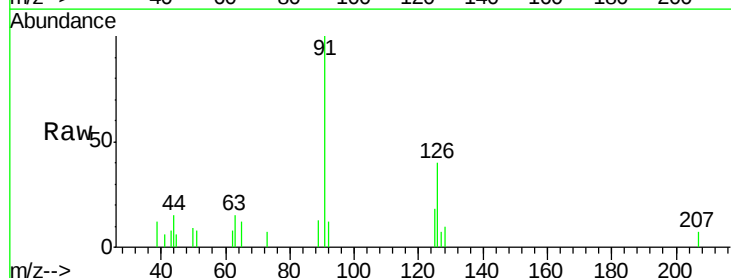
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

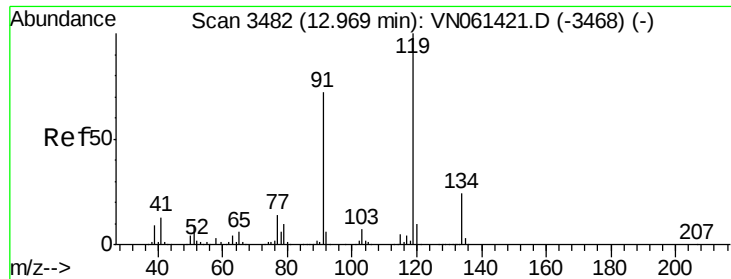
Tot Ion:105 Resp: 6599
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.7 71.1



#82
 4-Chlorotoluene
 Concen: 1.087 ug/l
 RT: 12.75 min Scan# 3413
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion: 91 Resp: 5776
 Ion Ratio Lower Upper
 91 100
 126 33.7 15.8 47.3

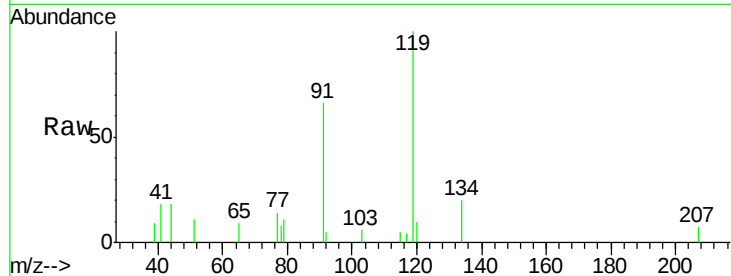




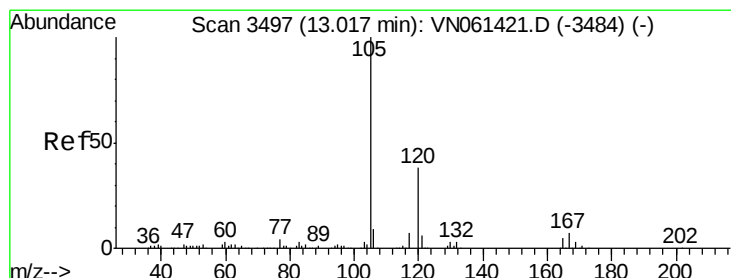
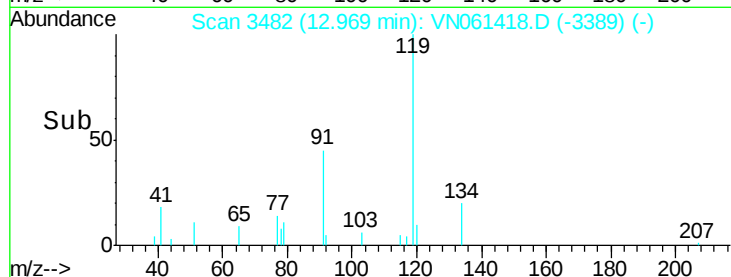
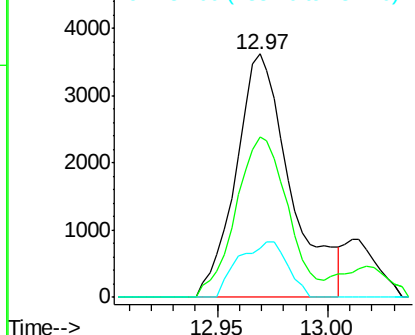
#83
tert-Butylbenzene
Concen: 1.235 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:119 Resp: 6229
Ion Ratio Lower Upper
119 100
91 63.3 35.6 106.9
134 20.6 12.9 38.7

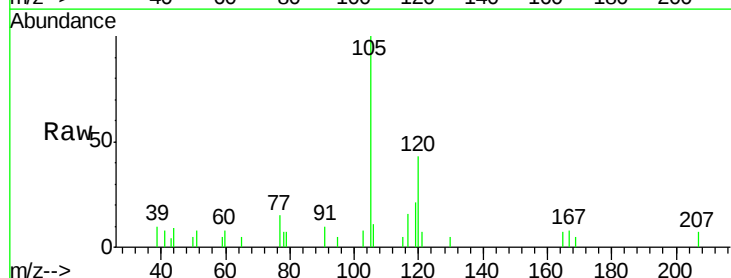


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

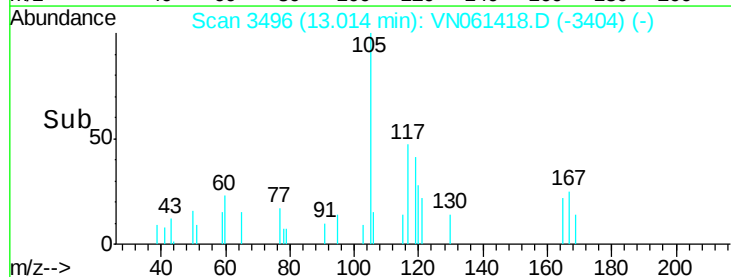
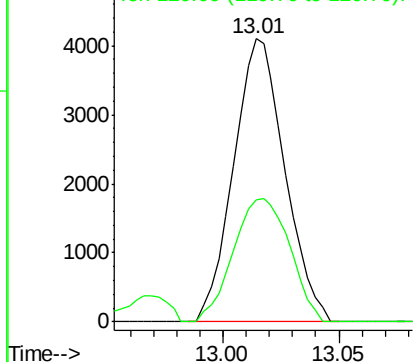


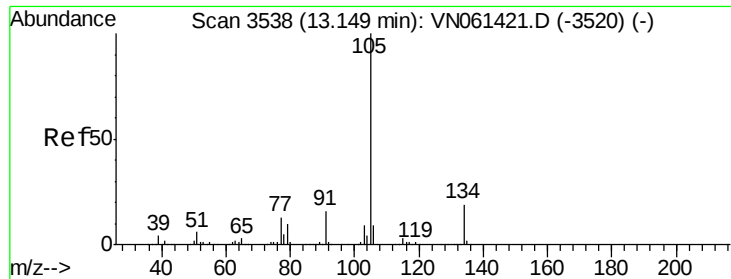
#84
1,2,4-Trimethylbenzene
Concen: 1.017 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion:105 Resp: 6285
Ion Ratio Lower Upper
105 100
120 48.0 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

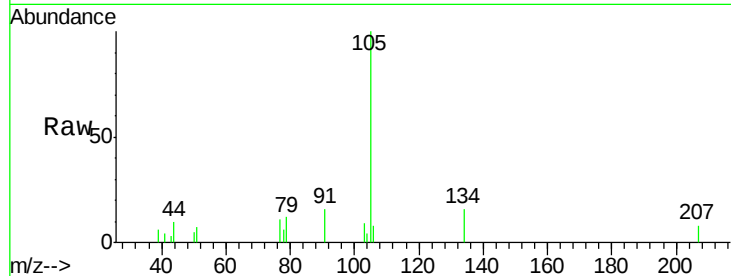




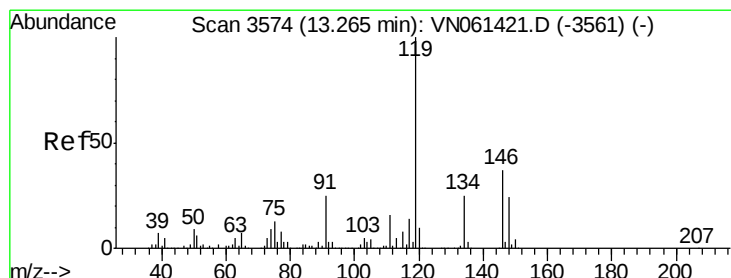
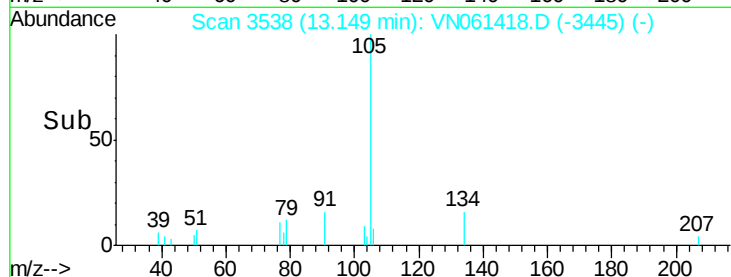
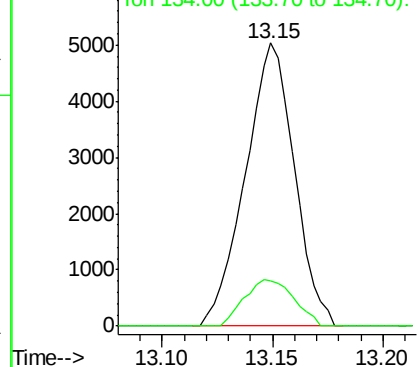
#85
 sec-Butylbenzene
 Concen: 1.126 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion:105 Resp: 7766
 Ion Ratio Lower Upper
 105 100
 134 16.7 9.7 29.1

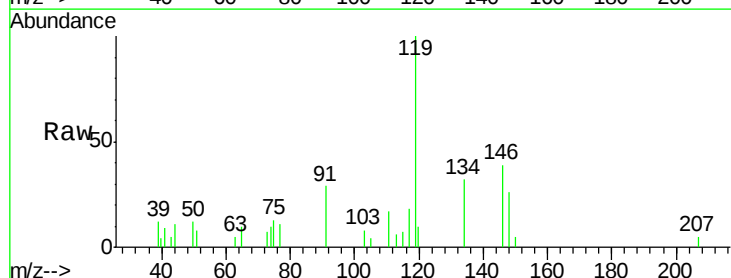


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

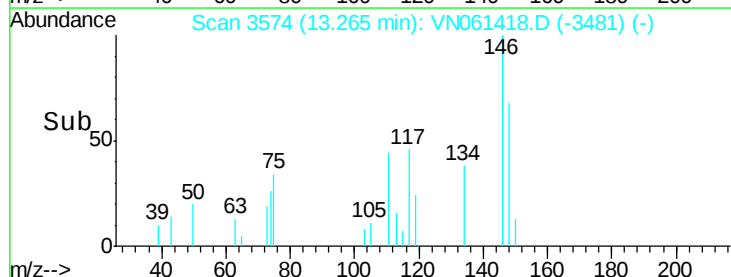
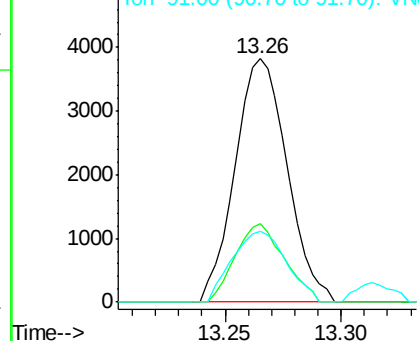


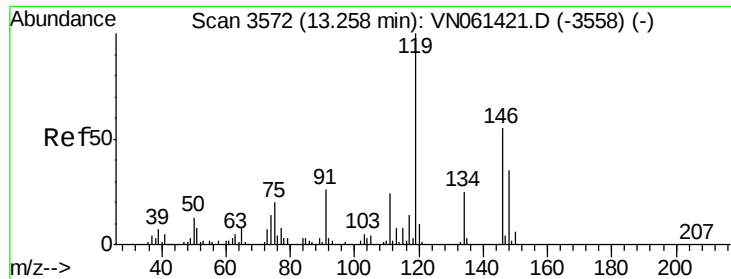
#86
 p-Isopropyltoluene
 Concen: 0.957 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion:119 Resp: 5946
 Ion Ratio Lower Upper
 119 100
 134 30.3 12.8 38.4
 91 30.4 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

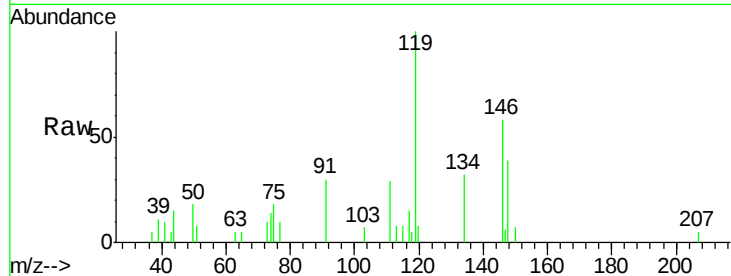




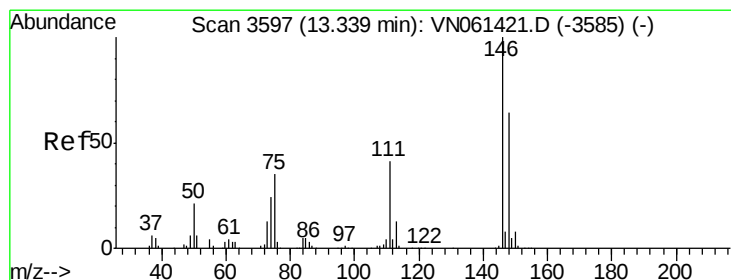
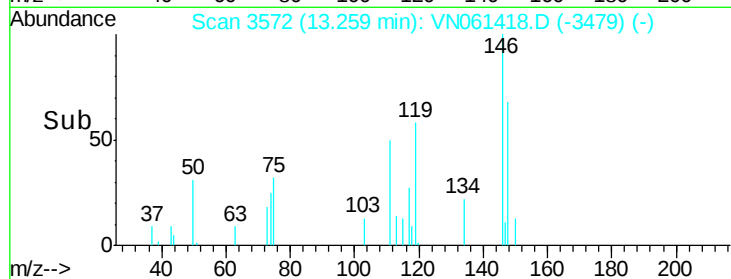
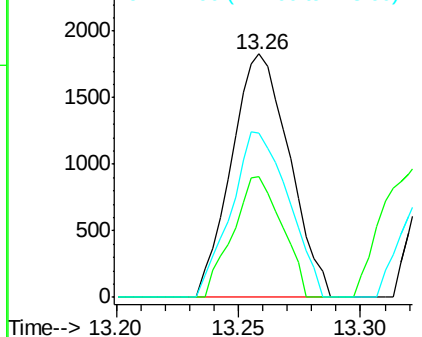
#87
 1,3-Dichlorobenzene
 Concen: 0.987 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:146 Resp: 3015
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.5 64.5
 148 67.6 31.4 94.3

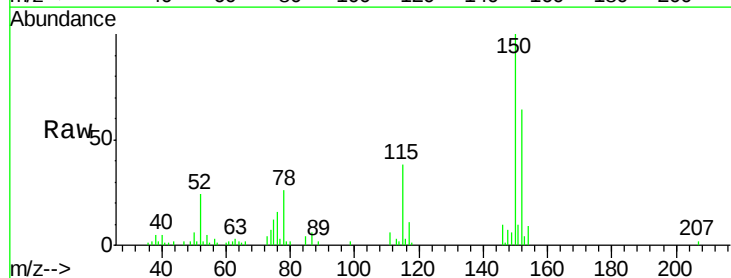


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

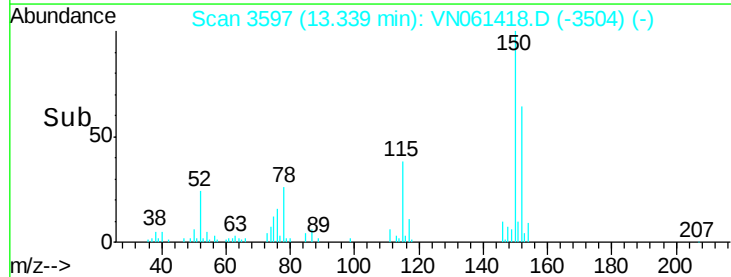
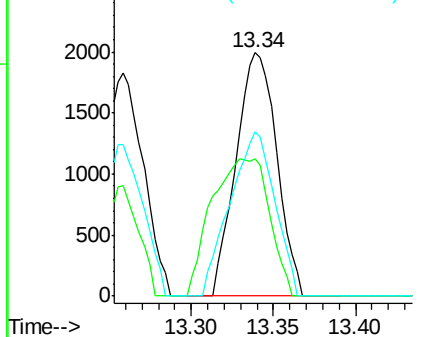


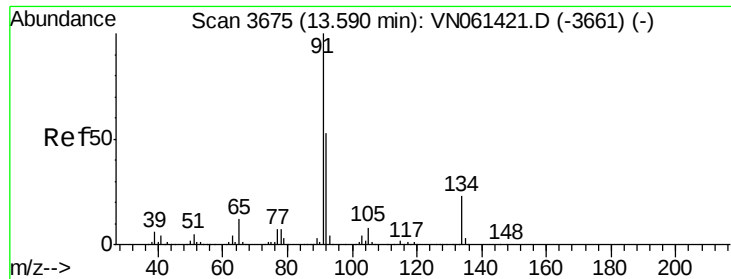
#88
 1,4-Dichlorobenzene
 Concen: 1.094 ug/l m
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion:146 Resp: 3422
 Ion Ratio Lower Upper
 146 100
 111 37.1 20.9 62.7
 148 59.5 32.3 96.8



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

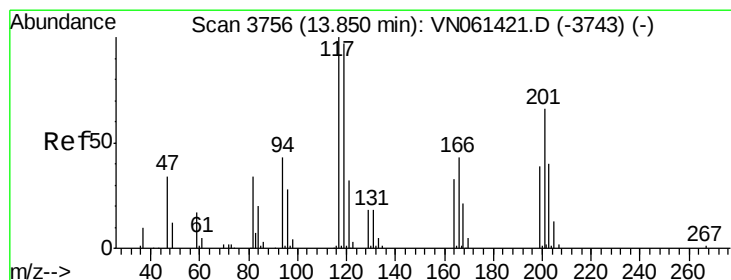
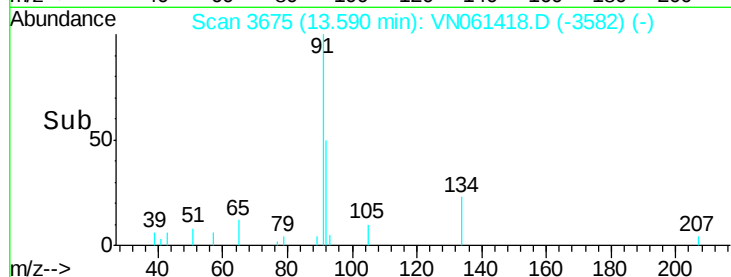
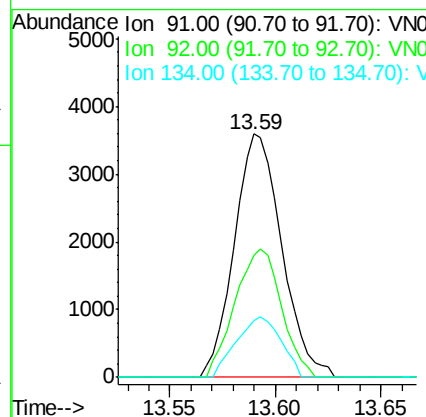
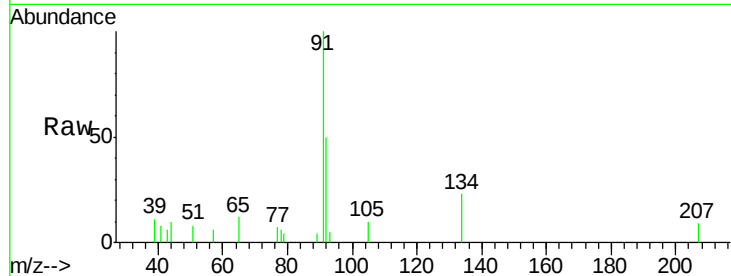




#89
n-Butylbenzene
Concen: 0.988 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

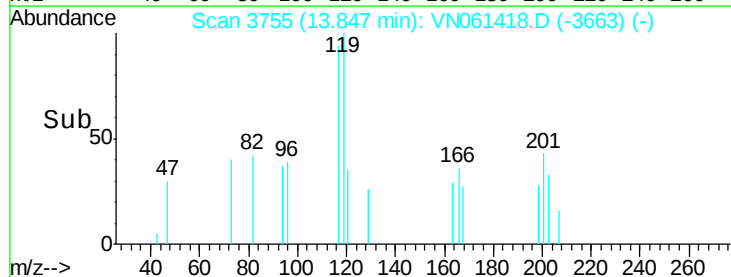
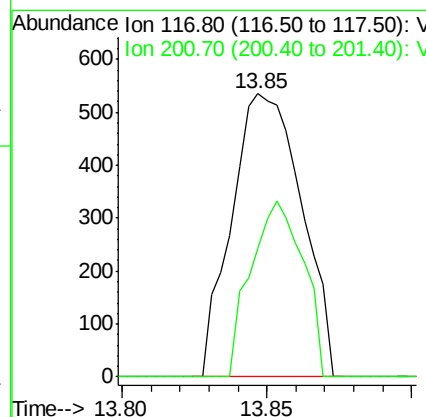
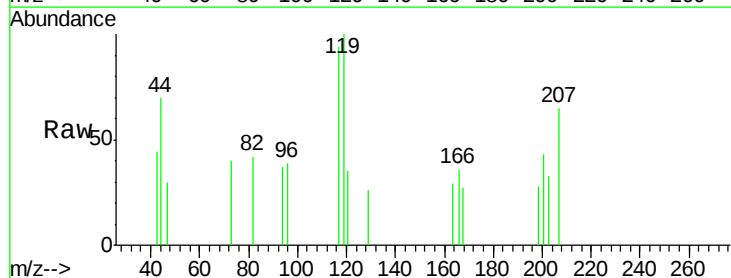
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

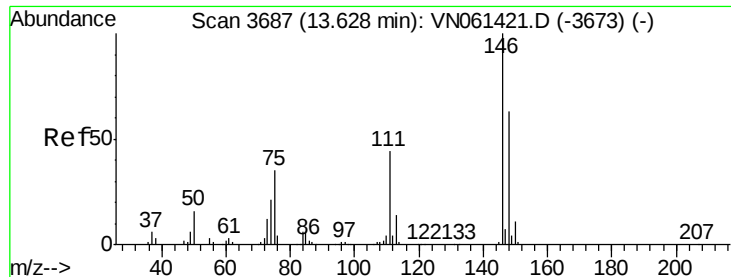
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.8	80.3
134	23.3	11.9	35.5



#90
Hexachloroethane
Concen: 1.467 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061418.D
Acq: 15 May 2020 20:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	46.5	32.2	96.6





#91

1,2-Dichlorobenzene

Concen: 1.005 ug/l

RT: 13.63 min Scan# 3688

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

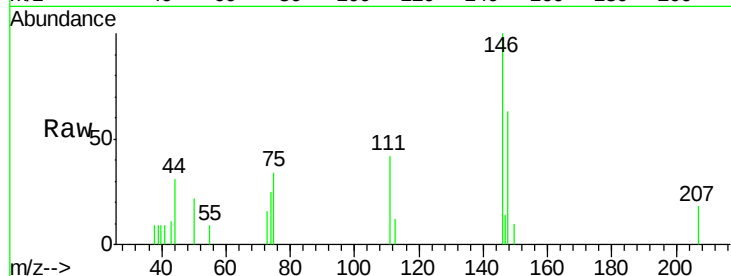
Tot Ion:146 Resp: 2948

Ion Ratio Lower Upper

146 100

111 42.2 22.3 66.8

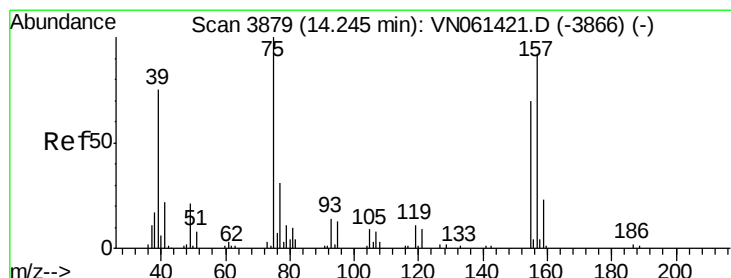
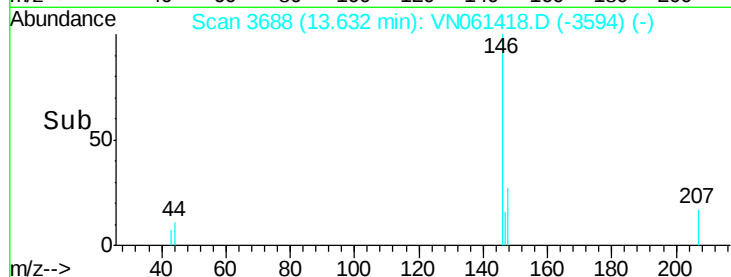
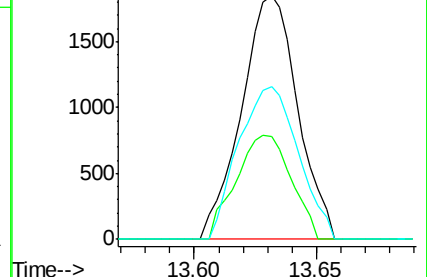
148 66.9 32.3 96.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.024 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

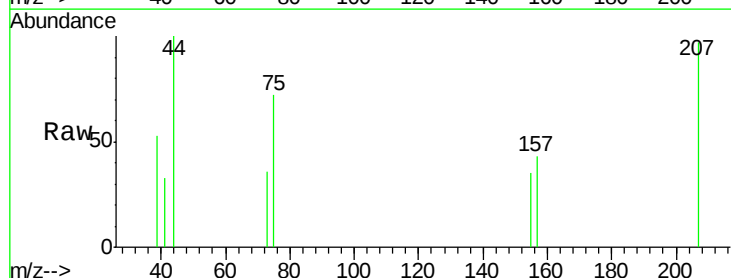
Tgt Ion: 75 Resp: 474

Ion Ratio Lower Upper

75 100

155 35.2 35.2 105.6

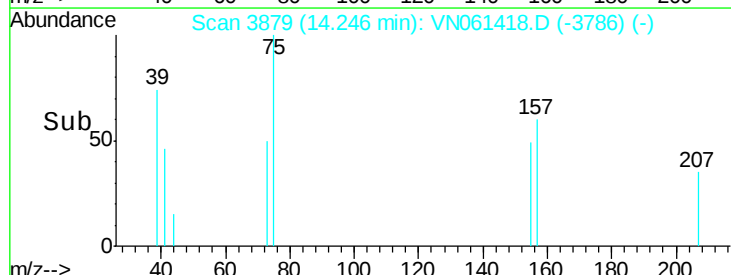
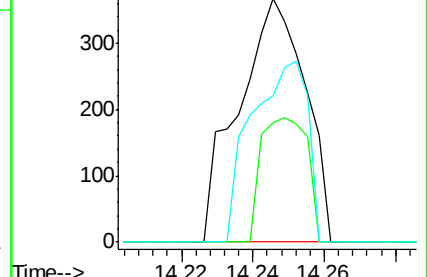
157 62.4 45.8 137.3

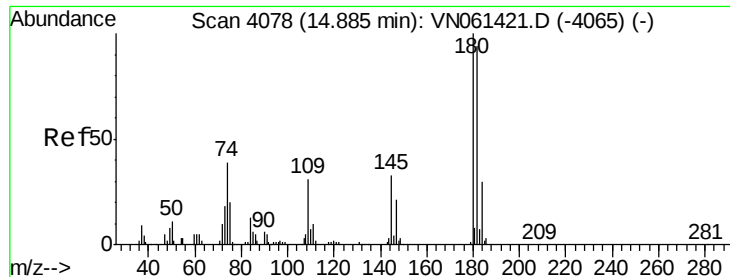


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

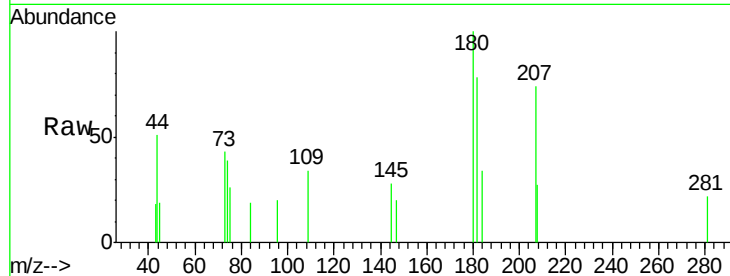




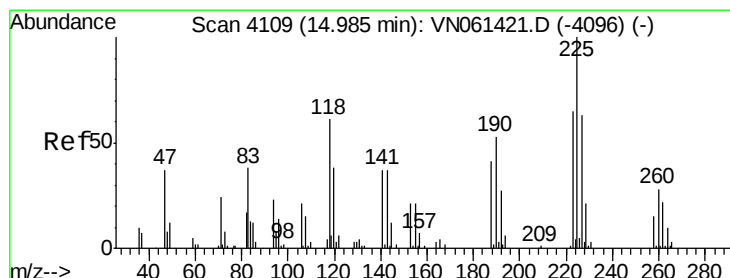
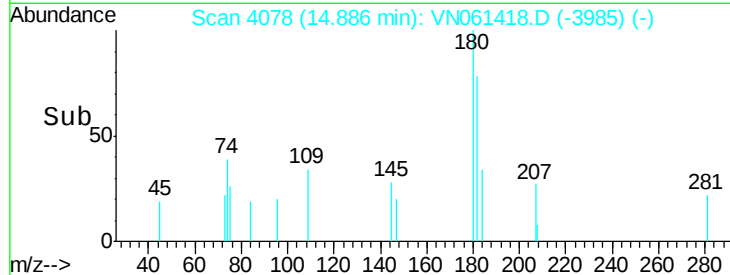
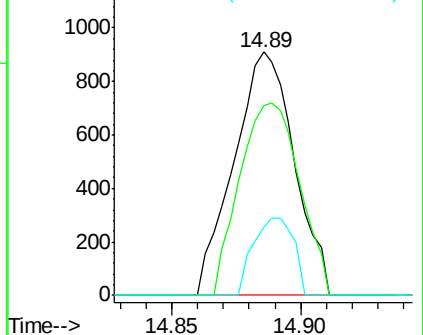
#93
 1,2,4-Trichlorobenzene
 Concen: 0.846 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:180 Resp: 1485
 Ion Ratio Lower Upper
 180 100
 182 78.3 47.3 142.0
 145 21.3 16.3 48.9

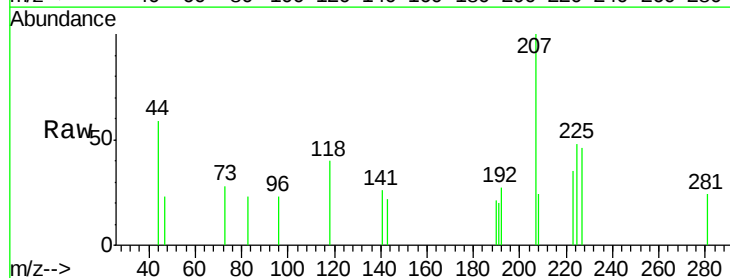


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

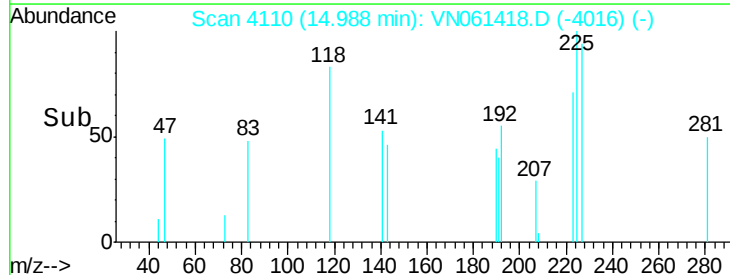
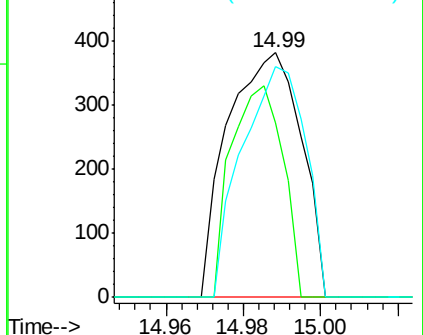


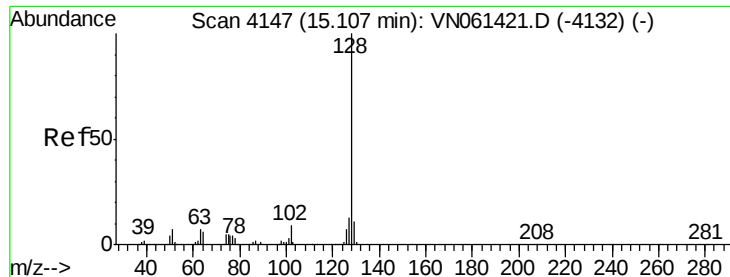
#94
 Hexachlorobutadiene
 Concen: 0.694 ug/l
 RT: 14.99 min Scan# 4110
 Delta R.T. 0.00 min
 Lab File: VN061418.D
 Acq: 15 May 2020 20:12

Tgt Ion:225 Resp: 504
 Ion Ratio Lower Upper
 225 100
 223 60.3 32.1 96.3
 227 81.3 31.4 94.2



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: 0.821 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

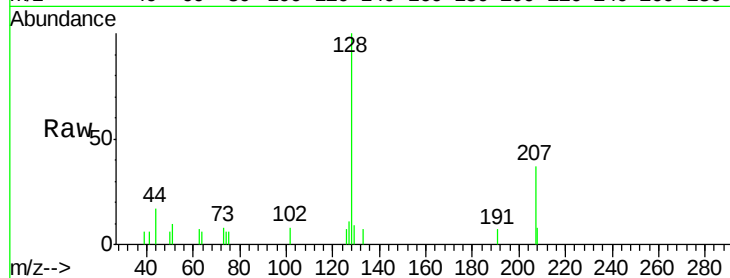
Tot Ion:128 Resp: 4687

Ion Ratio Lower Upper

128 100

127 10.7 10.3 15.5

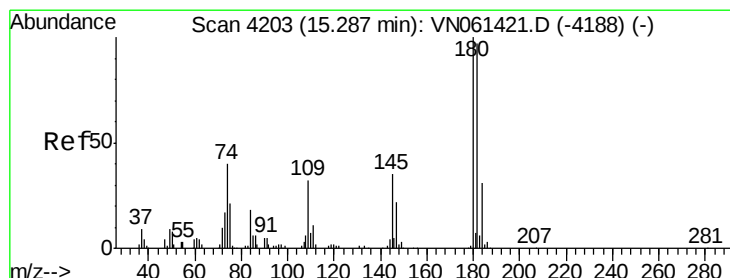
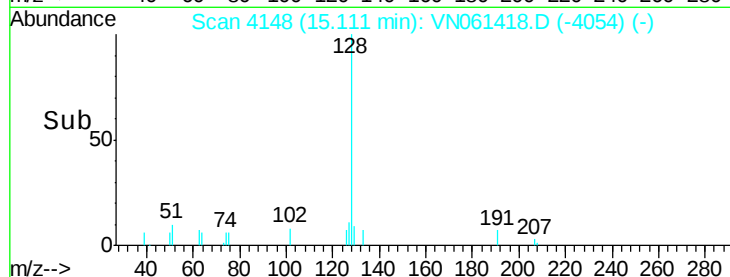
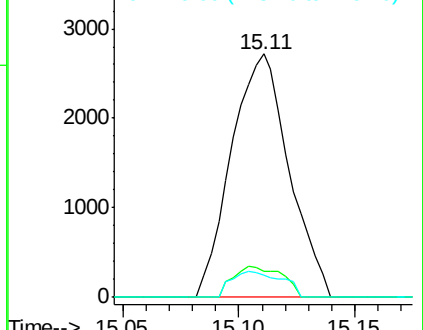
129 9.3 8.6 13.0



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: 0.952 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061418.D

Acq: 15 May 2020 20:12

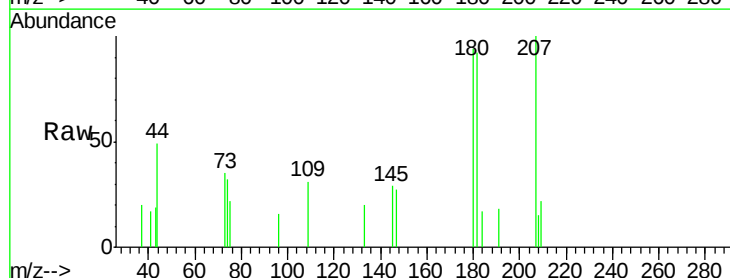
Tgt Ion:180 Resp: 1649

Ion Ratio Lower Upper

180 100

182 90.5 48.0 144.2

145 22.1 17.6 52.9



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

