

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061179.D
 Acq On : 28 Apr 2020 21:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 29 08:02:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	104870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	184968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	177246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	86747	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	86306	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
35) Dibromofluoromethane	7.55	113	56969	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	10.06	98	231302	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.37	95	88742	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	58304	52.429	ug/l	100
3) Chloromethane	2.03	50	69377	51.511	ug/l	99
4) Vinyl Chloride	2.16	62	75176	49.142	ug/l	100
5) Bromomethane	2.54	94	36544	48.327	ug/l	96
6) Chloroethane	2.67	64	47363	48.847	ug/l	98
7) Trichlorofluoromethane	2.99	101	93294	54.055	ug/l	98
8) Diethyl Ether	3.37	74	37778	52.478	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	55645	50.046	ug/l	100
10) Methyl Iodide	3.91	142	75057	52.527	ug/l	99
11) Tert butyl alcohol	4.72	59	47917	215.566	ug/l	100
12) 1,1-Dichloroethene	3.70	96	56658	51.206	ug/l	99
13) Acrolein	3.56	56	34393	232.179	ug/l	98
14) Allyl chloride	4.28	41	112996	55.078	ug/l	97
15) Acrylonitrile	4.93	53	166343	243.777	ug/l	99
16) Acetone	3.77	43	143292	222.677	ug/l	100
17) Carbon Disulfide	4.01	76	156990	51.364	ug/l	99
18) Methyl Acetate	4.27	43	90918	43.495	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	211387	49.998	ug/l	100
20) Methylene Chloride	4.50	84	64406	49.776	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	61705	51.214	ug/l	99
22) Diisopropyl ether	5.90	45	245401	51.582	ug/l	99
23) Vinyl Acetate	5.84	43	1000314	261.137	ug/l	100
24) 1,1-Dichloroethane	5.80	63	125802	50.611	ug/l	99
25) 2-Butanone	6.78	43	232151	236.430	ug/l	99
26) 2,2-Dichloropropane	6.78	77	100586	48.043	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	73590	52.048	ug/l	99
28) Bromochloromethane	7.15	49	60947	51.731	ug/l	98
29) Tetrahydrofuran	7.17	42	158386	239.460	ug/l	100
30) Chloroform	7.33	83	127565	50.642	ug/l	100
31) Cyclohexane	7.62	56	116711	48.348	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	113209	51.611	ug/l	100
36) 1,1-Dichloropropene	7.75	75	95195	51.412	ug/l	99
37) Ethyl Acetate	6.88	43	100565	46.328	ug/l	99
38) Carbon Tetrachloride	7.73	117	81795	55.240	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	105991	48.177	ug/l	100
40) Benzene	8.00	78	274956	49.843	ug/l	99
41) Methacrylonitrile	7.13	41	49139	54.522	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	106327	50.879	ug/l	100
43) Isopropyl Acetate	8.12	43	178353	49.508	ug/l	100
44) Trichloroethene	8.80	130	72506	48.621	ug/l	99
45) 1,2-Dichloropropane	9.08	63	73275	49.720	ug/l	99
46) Dibromomethane	9.17	93	47158	51.680	ug/l	99
47) Bromodichloromethane	9.37	83	101720	51.935	ug/l	98
48) Methyl methacrylate	9.17	41	81320	50.023	ug/l	97
49) 1,4-Dioxane	9.16	88	14755	799.592	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	522528	246.416	ug/l	99
52) Toluene	10.12	92	170462	51.302	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	113685	51.513	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	118608	50.836	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	65870	49.701	ug/l	98
56) Ethyl methacrylate	10.40	69	107453	46.716	ug/l	100
57) 1,3-Dichloropropane	10.68	76	119256	51.192	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	271272	252.867	ug/l	100
59) 2-Hexanone	10.72	43	376476	244.035	ug/l	100
60) Dibromochloromethane	10.87	129	72356	52.127	ug/l	98
61) 1,2-Dibromoethane	10.98	107	68502	51.568	ug/l	100
64) Tetrachloroethene	10.60	164	71857	46.808	ug/l	98
65) Chlorobenzene	11.41	112	175020	49.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	64387	51.166	ug/l	99
67) Ethyl Benzene	11.48	91	336743	51.162	ug/l	100
68) m/p-Xylenes	11.60	106	246724	102.411	ug/l	99
69) o-Xylene	11.92	106	117178	50.635	ug/l	98
70) Styrene	11.94	104	201056	51.910	ug/l	99
71) Bromoform	12.10	173	48347	52.275	ug/l #	100
73) Isopropylbenzene	12.22	105	324017	50.809	ug/l	100
74) N-amyl acetate	12.04	43	162390	50.287	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	98482	49.526	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	132198	72.284	ug/l #	100
77) Bromobenzene	12.50	156	73307	49.796	ug/l	100
78) n-propylbenzene	12.56	91	384594	50.845	ug/l	100
79) 2-Chlorotoluene	12.65	91	223533	50.278	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	271784	51.492	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	35585	49.412	ug/l	99
82) 4-Chlorotoluene	12.75	91	237022	50.582	ug/l	99
83) tert-Butylbenzene	12.97	119	229056	51.467	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	274732	50.522	ug/l	100
85) sec-Butylbenzene	13.15	105	312814	51.553	ug/l	100
86) p-Isopropyltoluene	13.26	119	280399	51.289	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	135336	49.938	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	136785	49.399	ug/l	100
89) n-Butylbenzene	13.59	91	259353	51.748	ug/l	100
90) Hexachloroethane	13.85	117	27465	48.444	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	130542	50.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	20795	49.515	ug/l	99

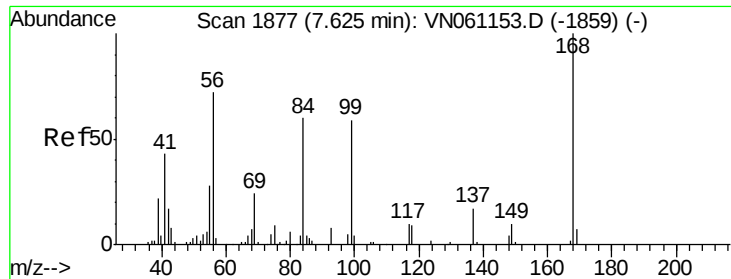
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	79207	50.056	ug/l	100
94) Hexachlorobutadiene	14.99	225	33938	51.338	ug/l	97
95) Naphthalene	15.10	128	249892	48.492	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	77004	49.290	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

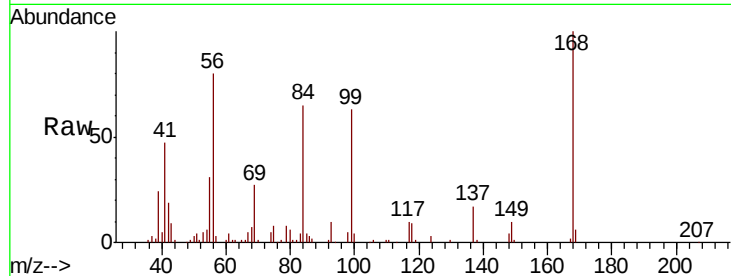
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 104870

Ion Ratio Lower Upper

168 100

99 63.2 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

50000

40000

30000

20000

10000

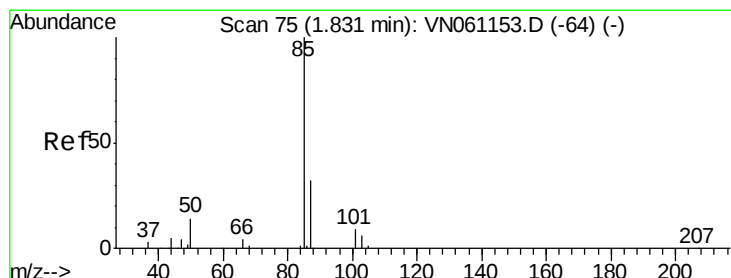
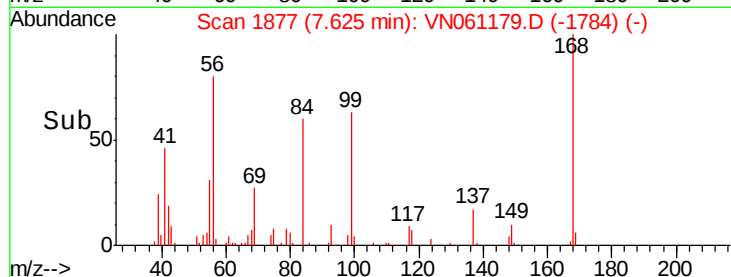
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 52.429 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061179.D

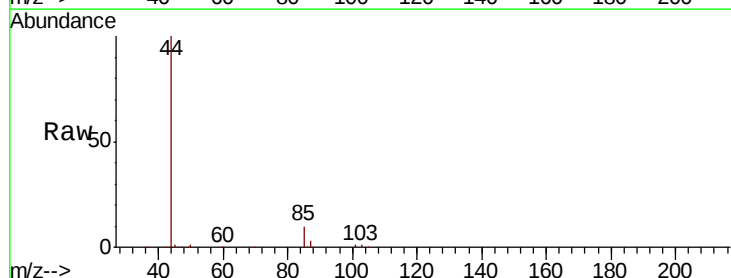
Acq: 28 Apr 2020 21:27

Tgt Ion: 85 Resp: 58304

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

30000

20000

10000

0

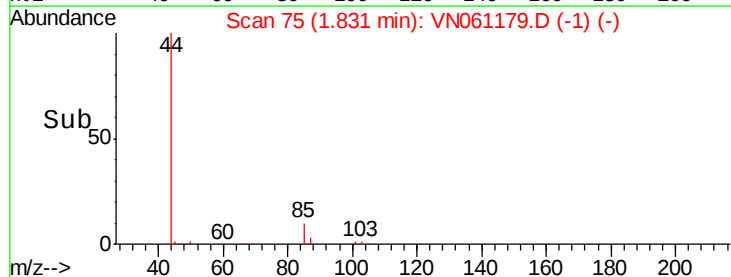
1.75

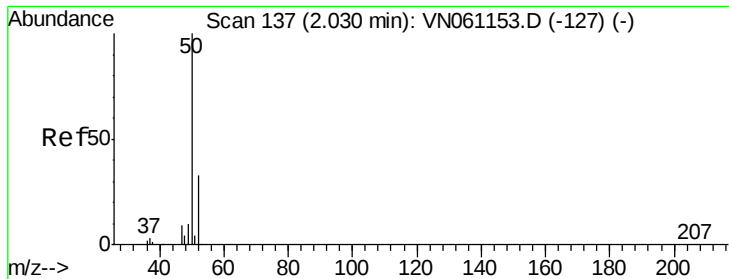
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 51.511 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

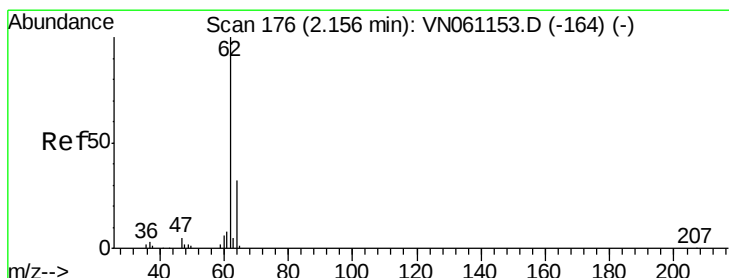
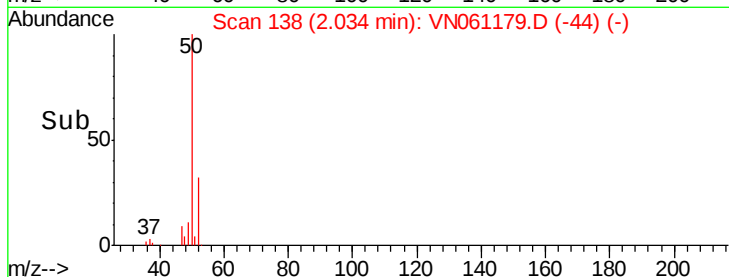
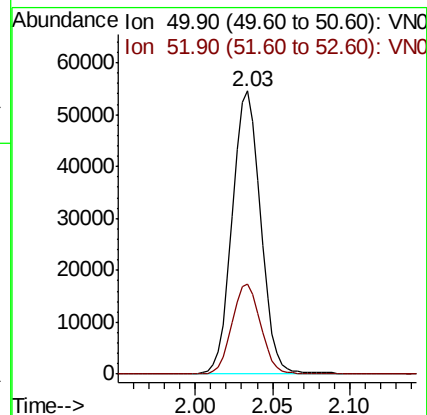
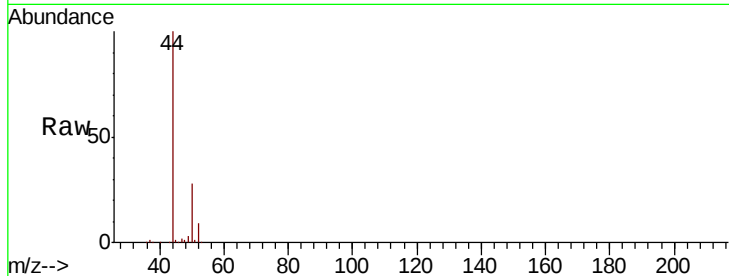
VSTDCCC050EC

Tot Ion: 50 Resp: 69377

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0



#4

Vinyl Chloride

Concen: 49.142 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061179.D

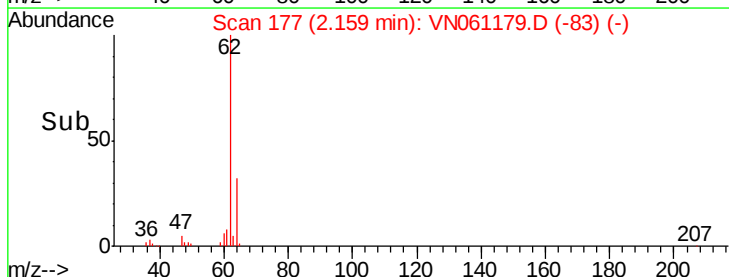
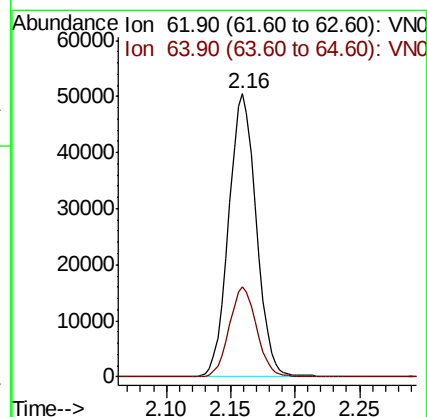
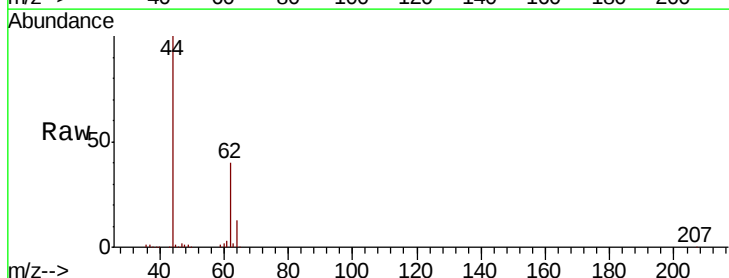
Acq: 28 Apr 2020 21:27

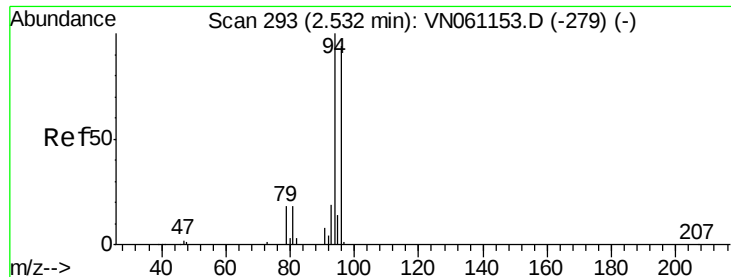
Tgt Ion: 62 Resp: 75176

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 48.327 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

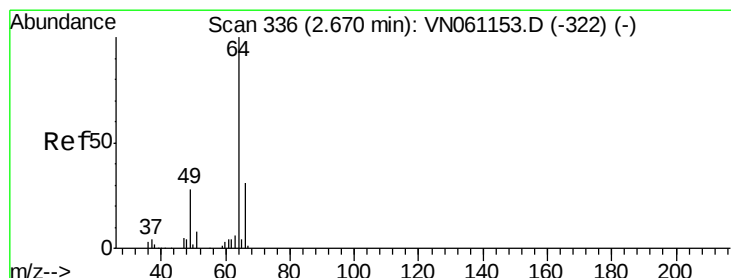
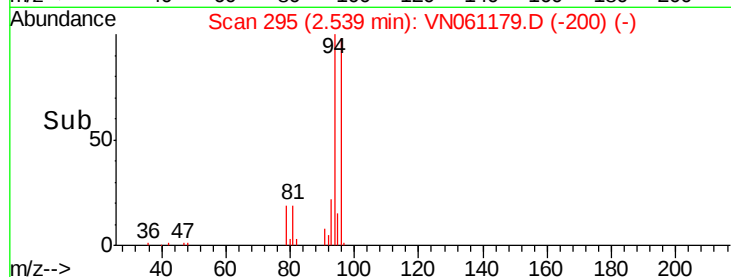
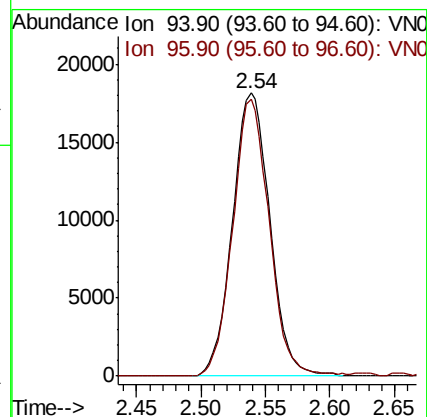
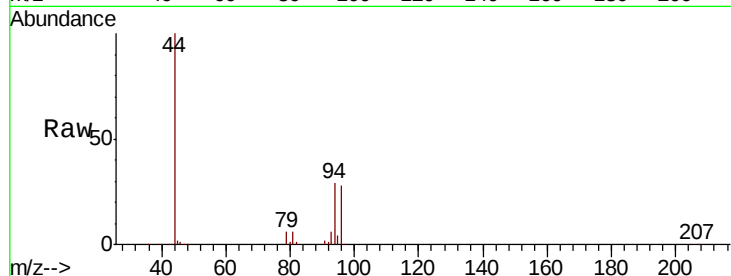
VSTDCCC050EC

Tot Ion: 94 Resp: 36544

Ion Ratio Lower Upper

94 100

96 98.0 75.1 112.7



#6

Chloroethane

Concen: 48.847 ug/l

RT: 2.67 min Scan# 337

Delta R.T. 0.00 min

Lab File: VN061179.D

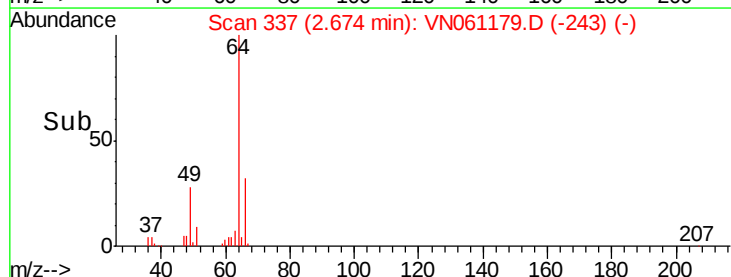
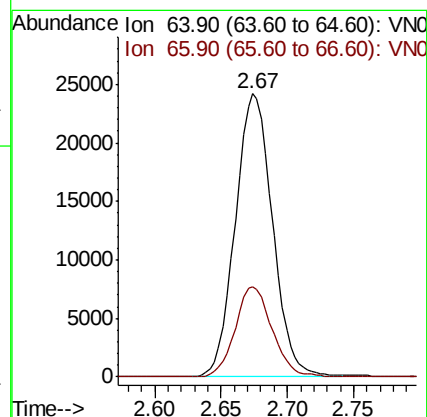
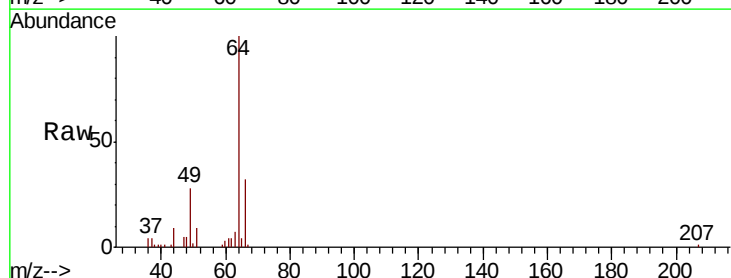
Acq: 28 Apr 2020 21:27

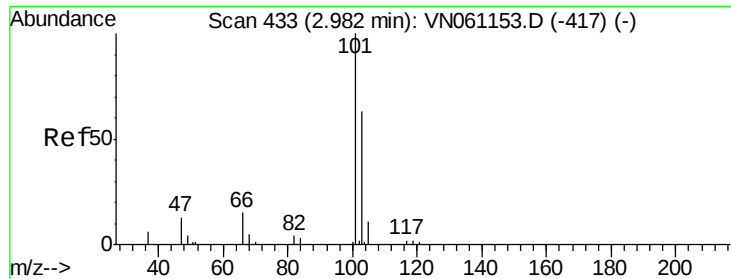
Tgt Ion: 64 Resp: 47363

Ion Ratio Lower Upper

64 100

66 32.0 24.6 36.8



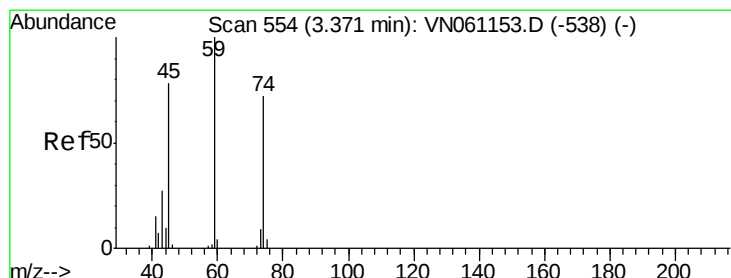
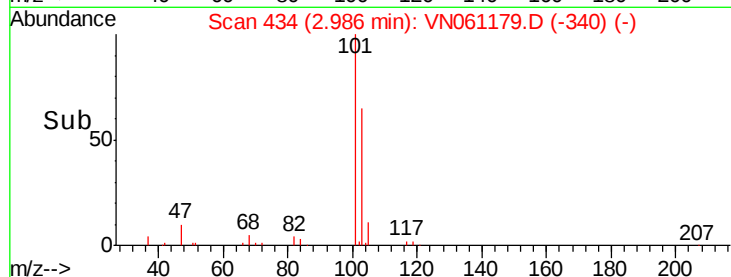
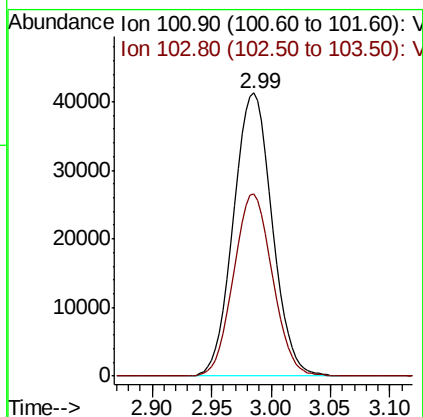
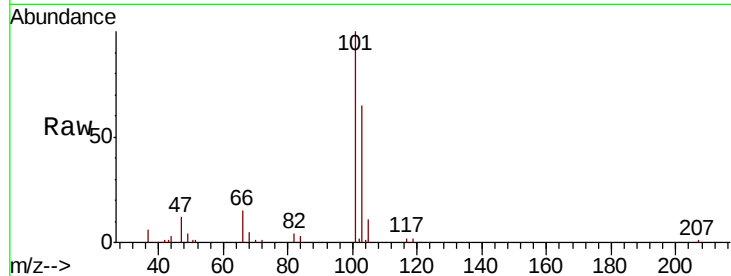


#7

Trichlorofluoromethane
 Concen: 54.055 ug/l
 RT: 2.99 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

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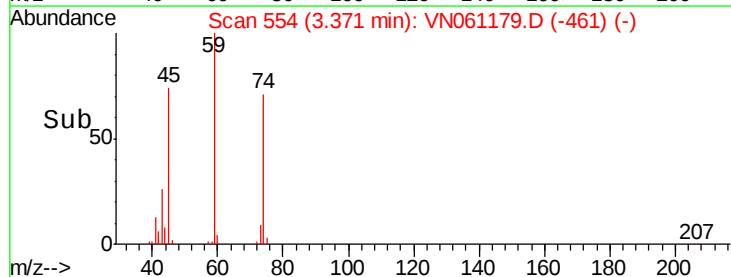
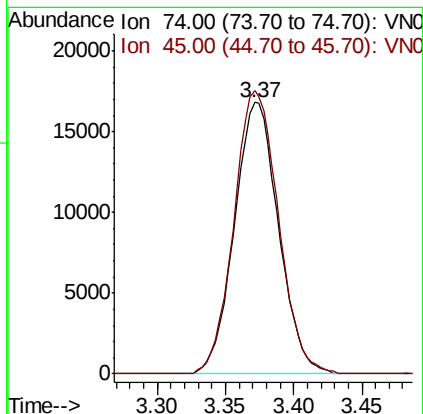
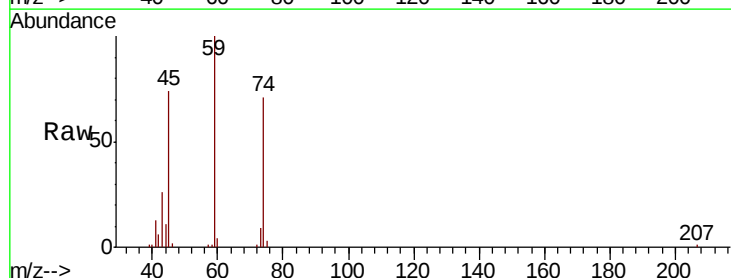
Tot Ion:101 Resp: 93294
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.6 76.0

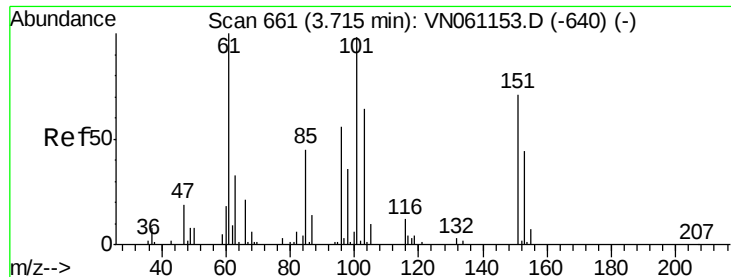


#8

Diethyl Ether
 Concen: 52.478 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

Tgt Ion: 74 Resp: 37778
 Ion Ratio Lower Upper
 74 100
 45 105.2 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.046 ug/l

RT: 3.72 min Scan# 662

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

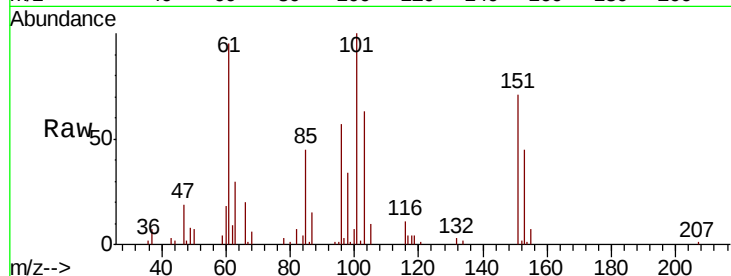
Tot Ion:101 Resp: 55645

Ion Ratio Lower Upper

101 100

85 46.7 37.2 55.8

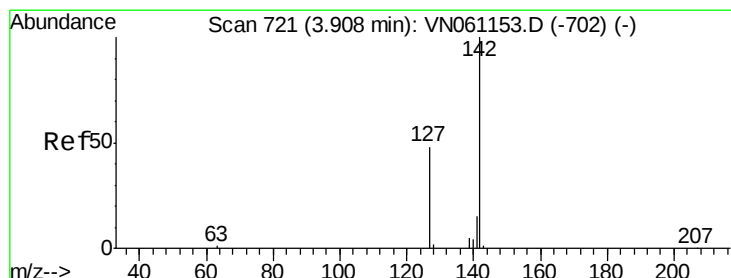
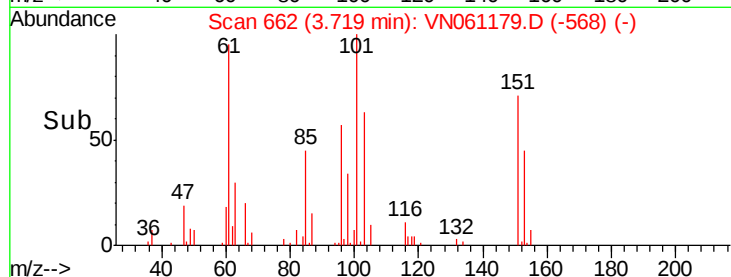
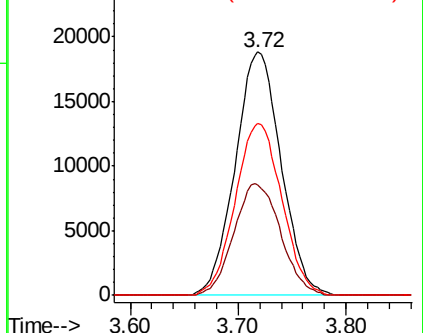
151 71.7 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.527 ug/l

RT: 3.91 min Scan# 722

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

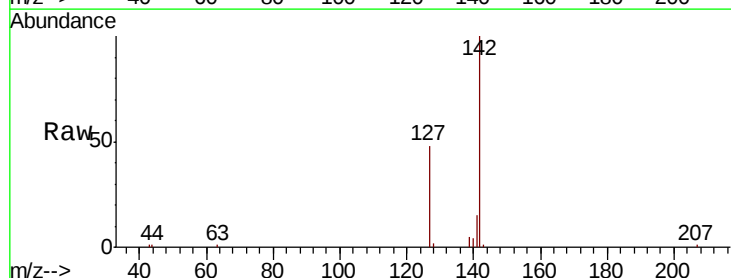
Tgt Ion:142 Resp: 75057

Ion Ratio Lower Upper

142 100

127 48.4 38.0 57.0

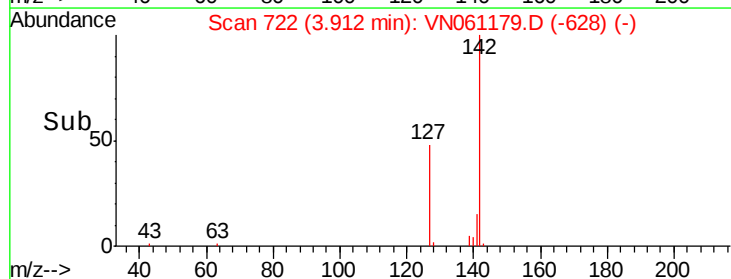
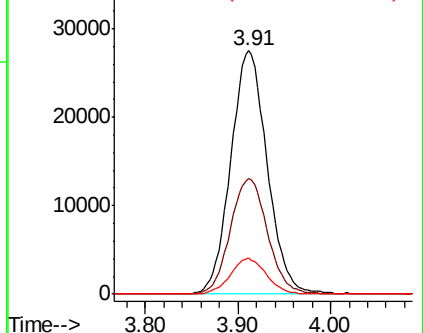
141 14.5 11.7 17.5

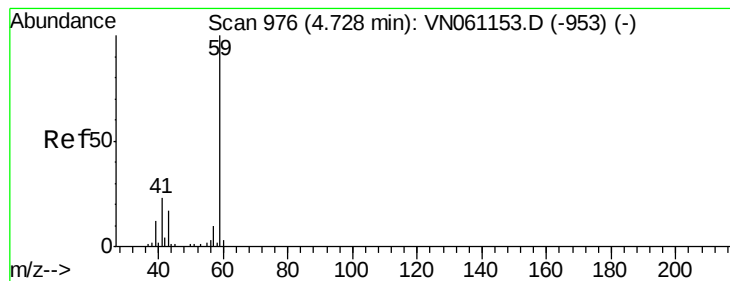


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



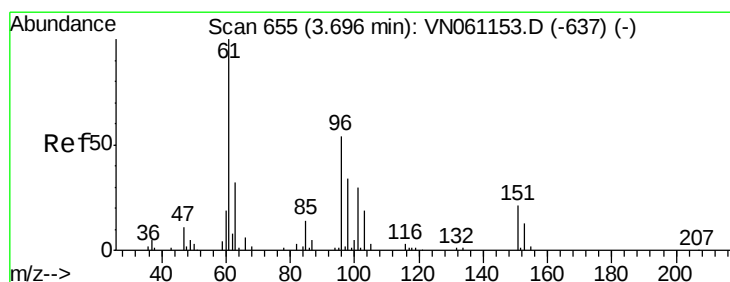
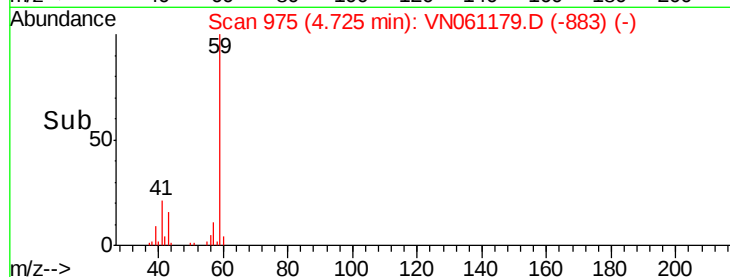
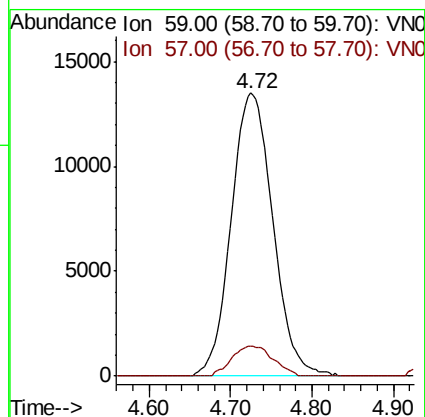
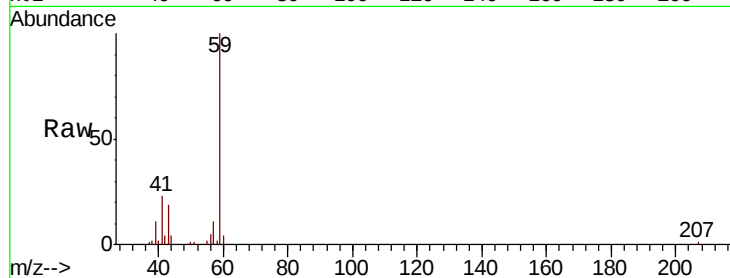


#11

Tert butyl alcohol
 Concen: 215.566 ug/l
 RT: 4.72 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

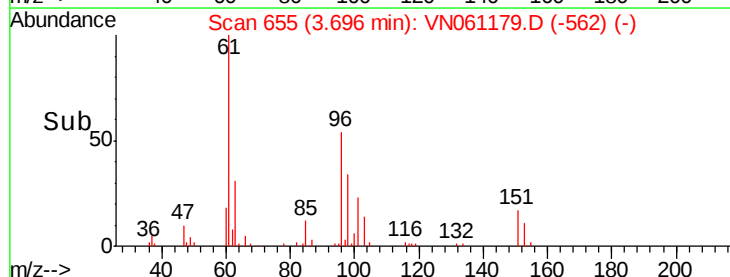
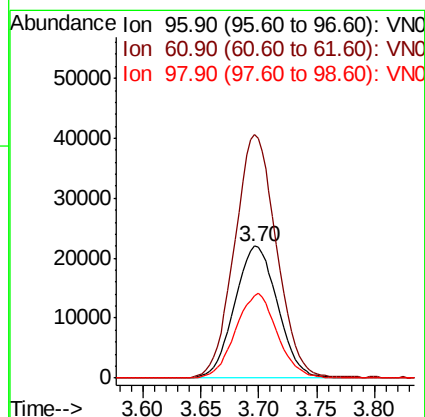
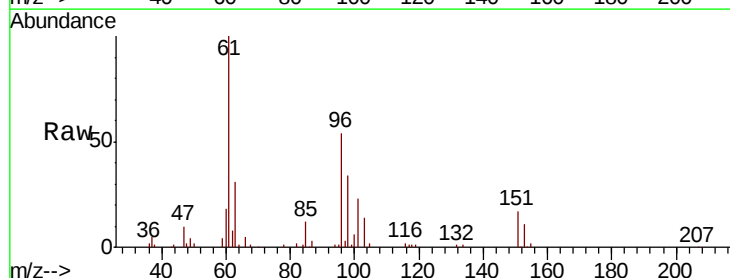
Tot Ion: 59 Resp: 47917
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

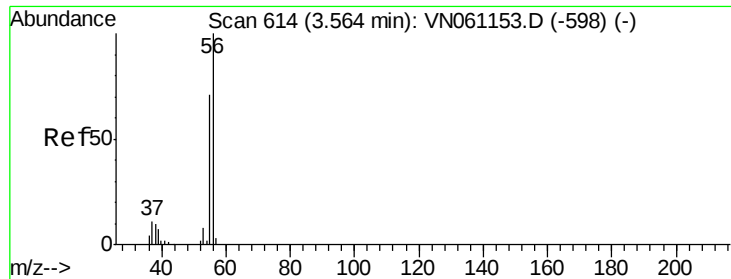


#12

1,1-Dichloroethene
 Concen: 51.206 ug/l
 RT: 3.70 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

Tgt Ion: 96 Resp: 56658
 Ion Ratio Lower Upper
 96 100
 61 184.8 147.0 220.6
 98 62.1 49.8 74.6

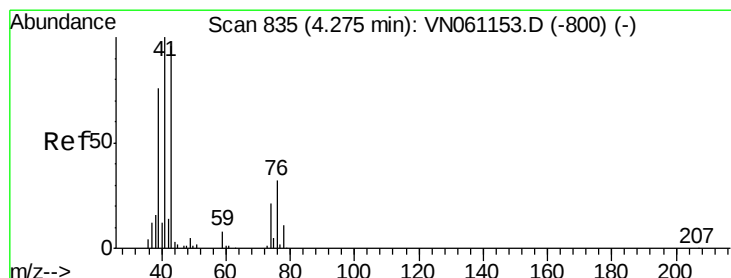
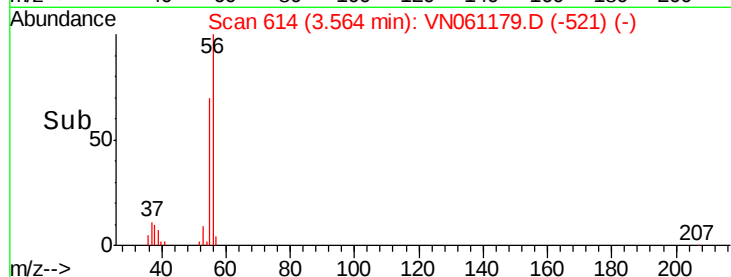
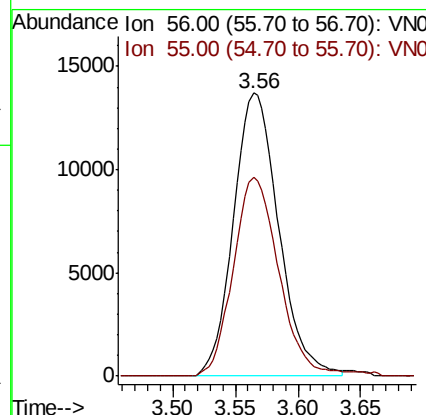
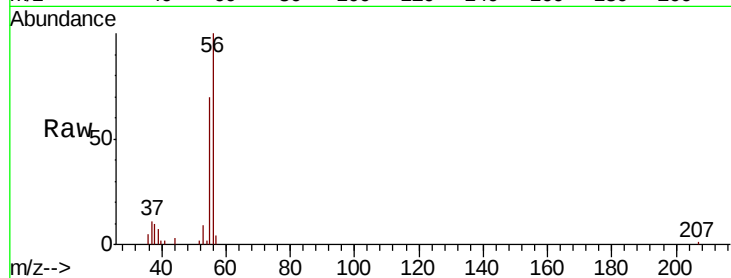




#13
Acrolein
Concen: 232.179 ug/l
RT: 3.56 min Scan# 614
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

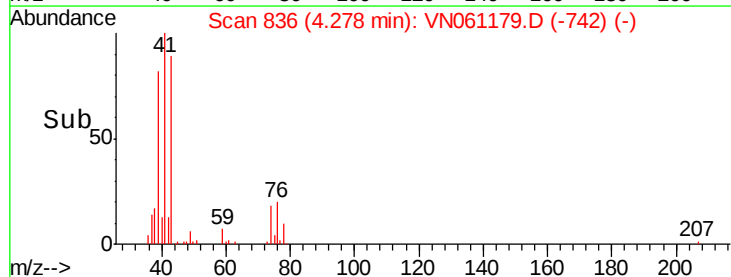
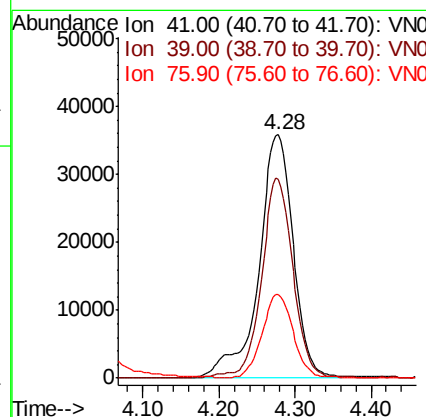
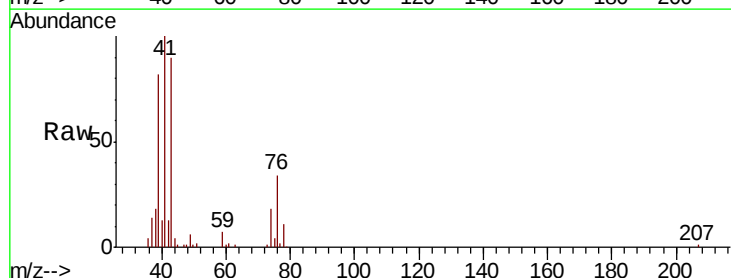
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

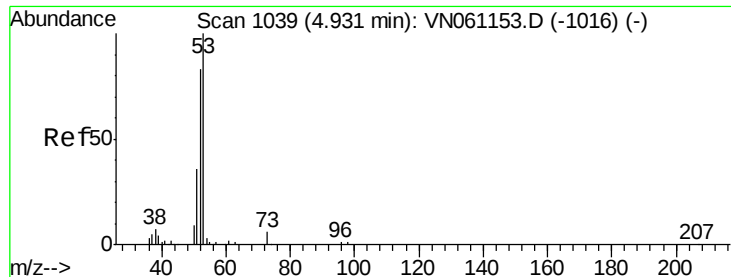
Tot Ion: 56 Resp: 34393
Ion Ratio Lower Upper
56 100
55 71.2 58.5 87.7



#14
Allyl chloride
Concen: 55.078 ug/l
RT: 4.28 min Scan# 836
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

Tgt Ion: 41 Resp: 112996
Ion Ratio Lower Upper
41 100
39 74.5 57.1 85.7
76 30.9 24.3 36.5

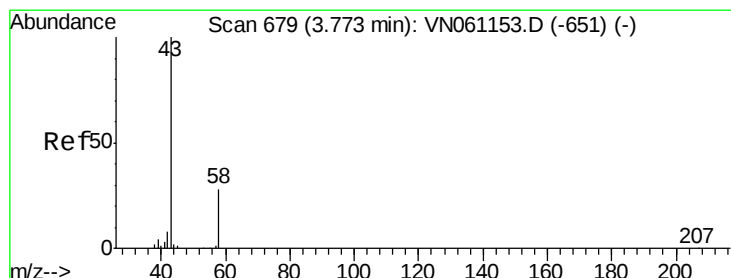
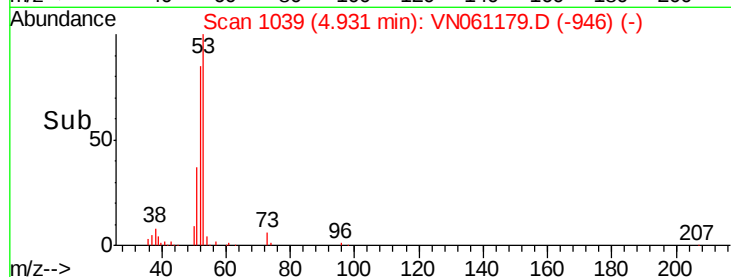
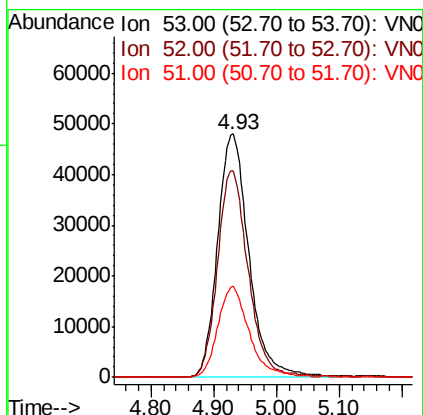
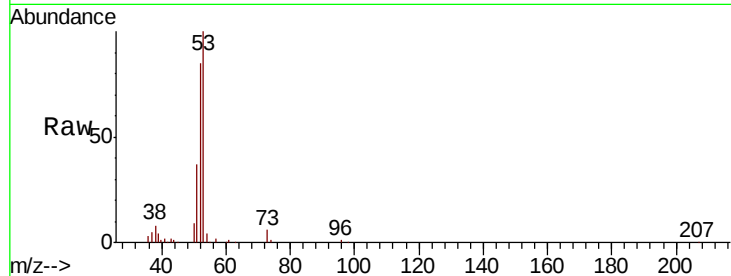




#15
 Acrylonitrile
 Concen: 243.777 ug/l
 RT: 4.93 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

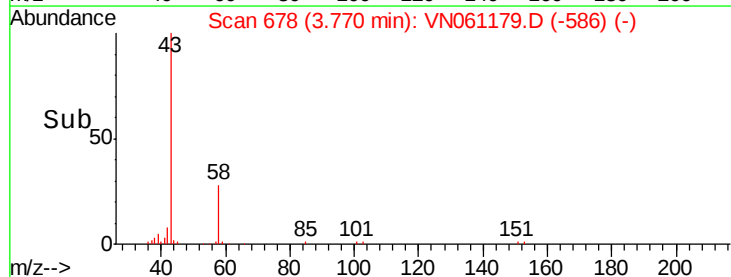
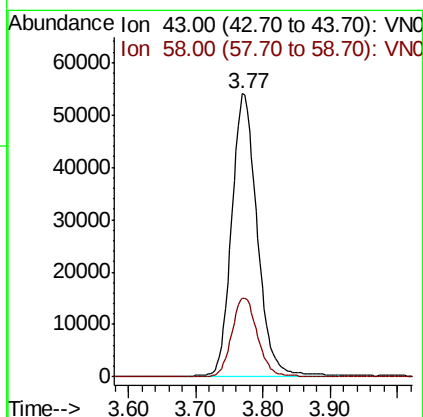
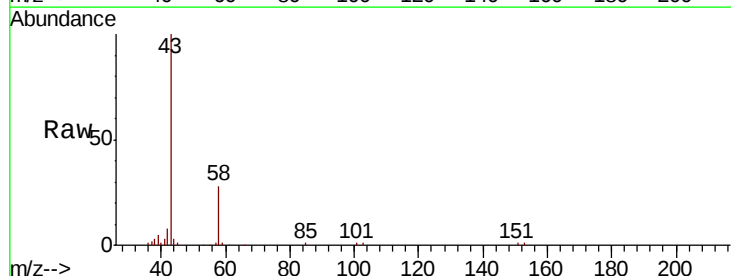
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

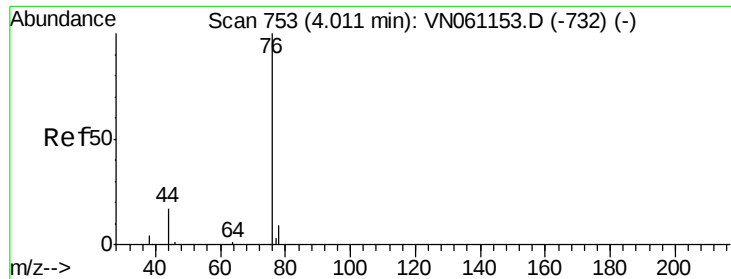
Tot Ion	53	Resp	166343
Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.4	98.0
51	37.5	29.5	44.3



#16
 Acetone
 Concen: 222.677 ug/l
 RT: 3.77 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

Tgt Ion	43	Resp	143292
Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.2	33.2

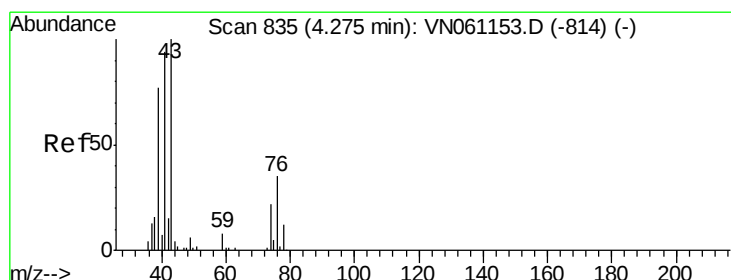
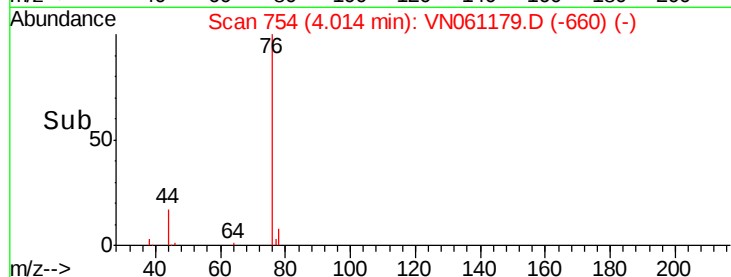
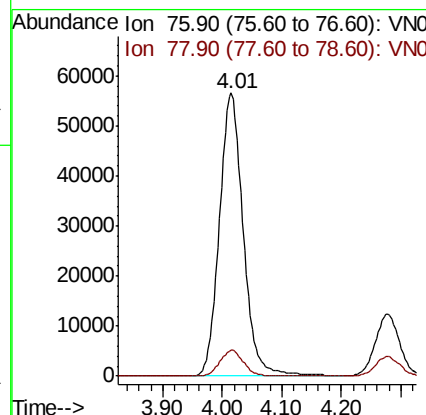
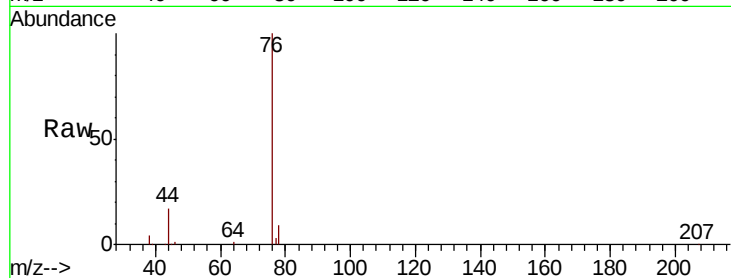




#17
Carbon Disulfide
Concen: 51.364 ug/l
RT: 4.01 min Scan# 754
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

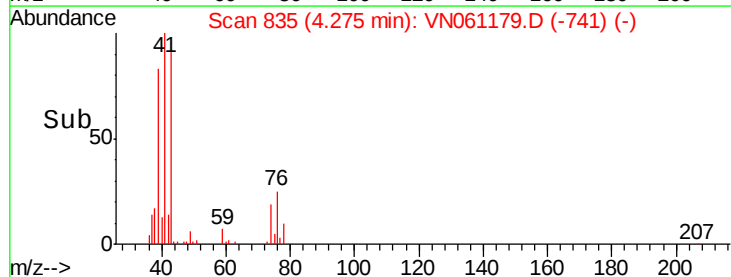
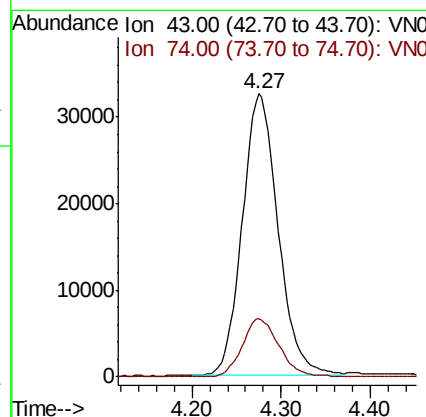
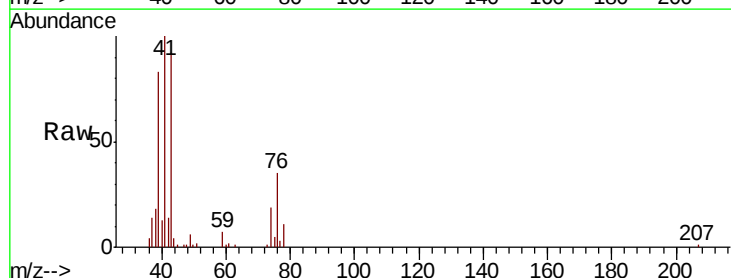
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

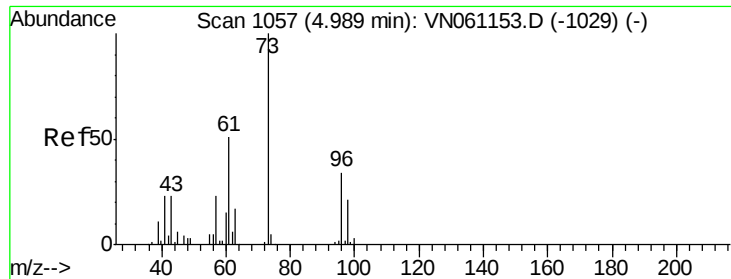
Tot Ion: 76 Resp: 156990
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 43.495 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

Tgt Ion: 43 Resp: 90918
Ion Ratio Lower Upper
43 100
74 21.1 17.0 25.4

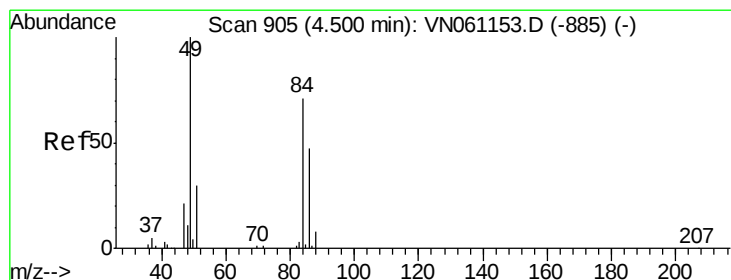
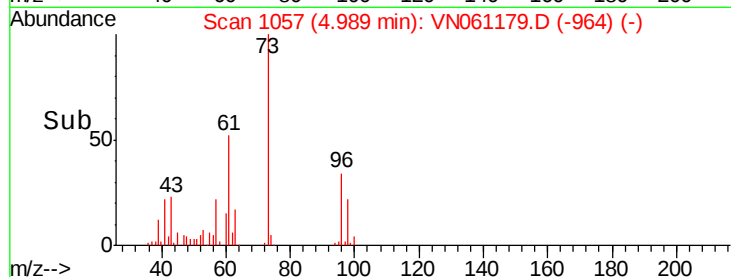
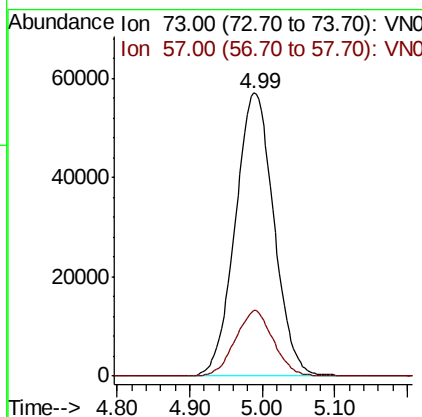
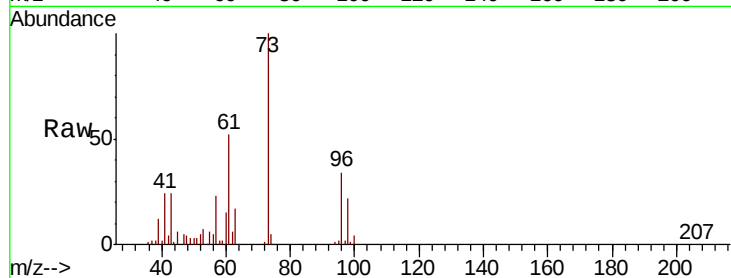




#19
Methvl tert-butvl Ether
Concen: 49.998 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

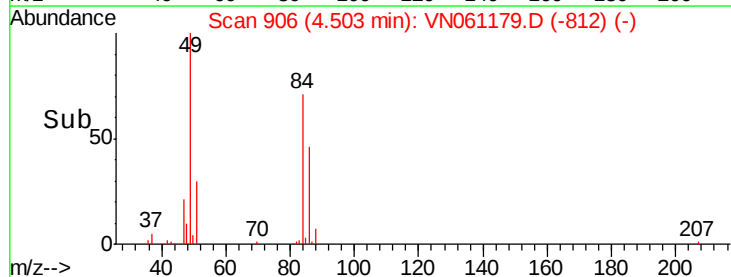
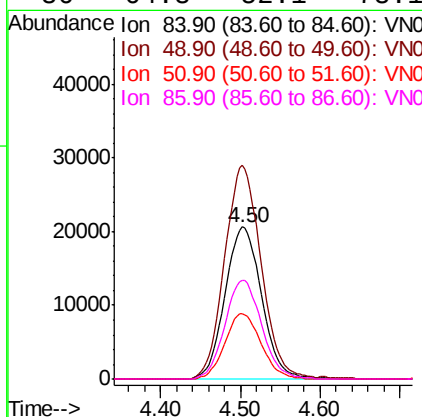
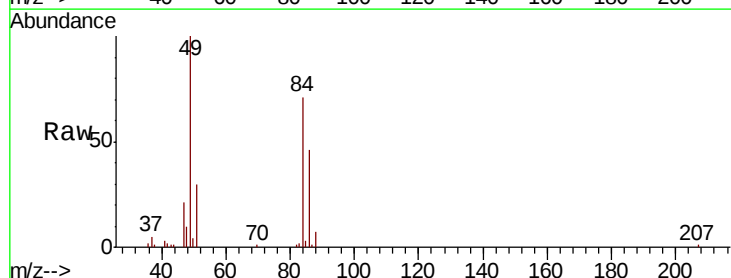
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

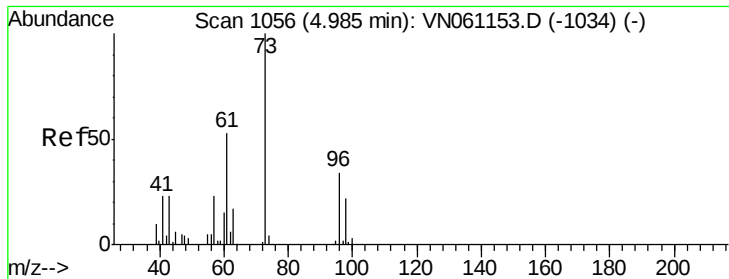
Tot Ion: 73 Resp: 211387
Ion Ratio Lower Upper
73 100
57 23.0 18.3 27.5



#20
Methylene Chloride
Concen: 49.776 ug/l
RT: 4.50 min Scan# 906
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

Tgt Ion: 84 Resp: 64406
Ion Ratio Lower Upper
84 100
49 140.4 112.0 168.0
51 42.8 33.6 50.4
86 64.8 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 51.214 ug/l

RT: 4.99 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

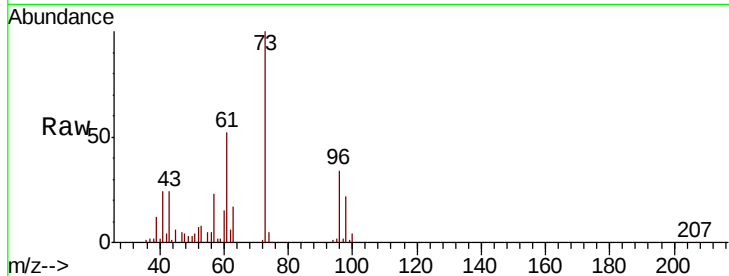
Tot Ion: 96 Resp: 61705

Ion Ratio Lower Upper

96 100

61 152.7 123.0 184.4

98 63.1 50.1 75.1

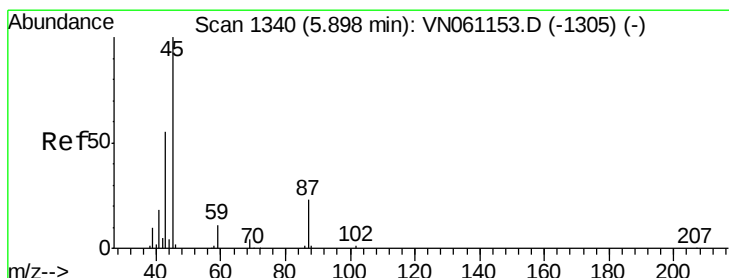
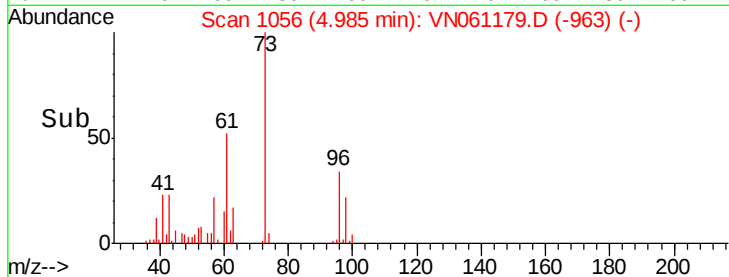
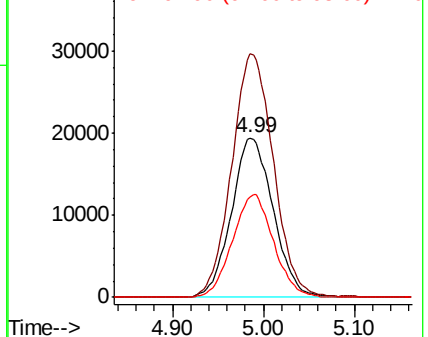


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 51.582 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Tgt Ion: 45 Resp: 245401

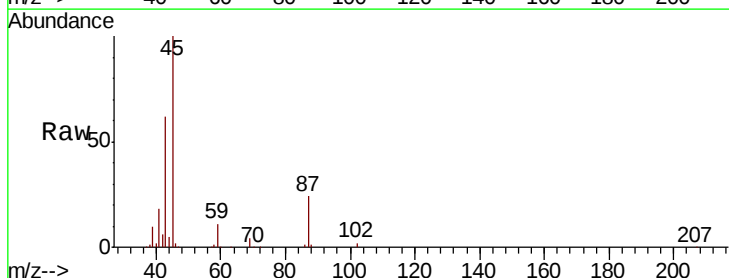
Ion Ratio Lower Upper

45 100

43 60.7 47.9 71.9

87 23.6 19.2 28.8

59 10.9 9.0 13.4



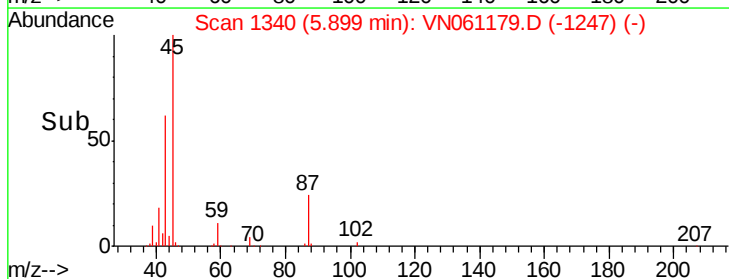
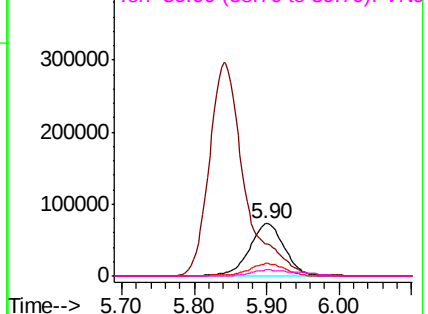
Abundance

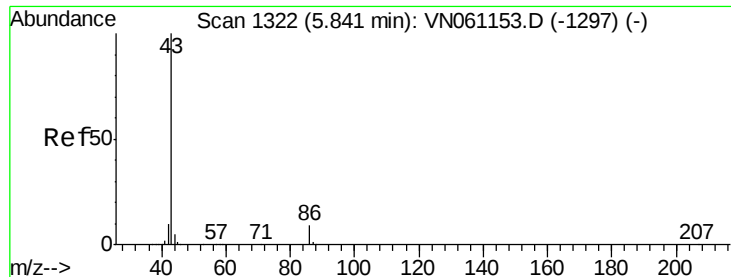
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

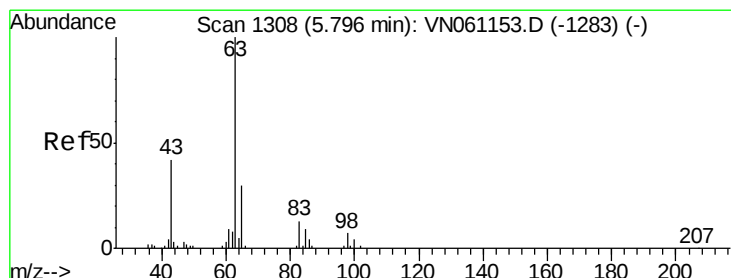
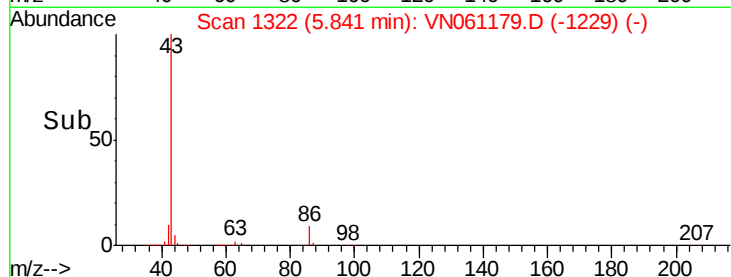
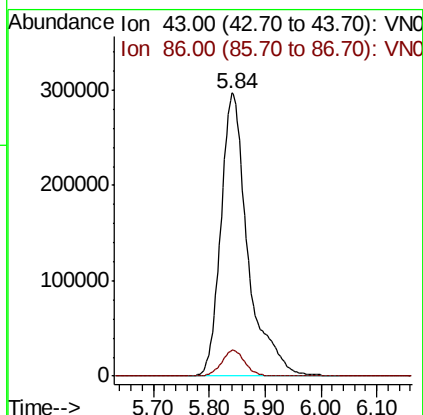
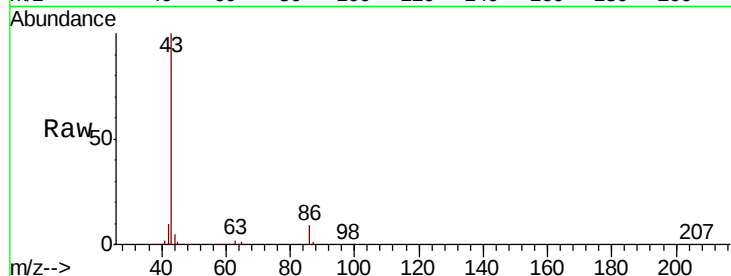




#23
 Vinyl Acetate
 Concen: 261.137 ug/l
 RT: 5.84 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

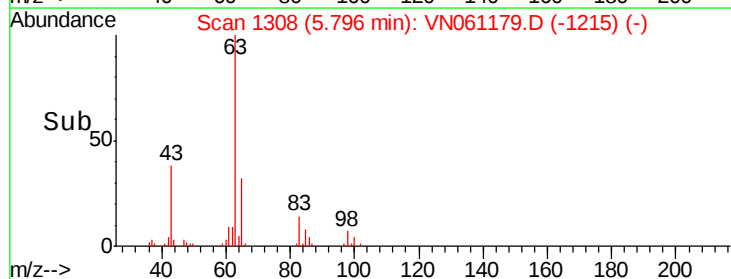
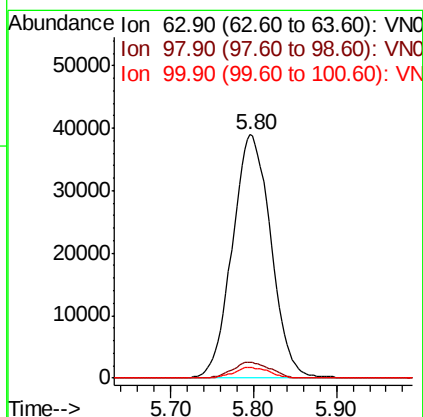
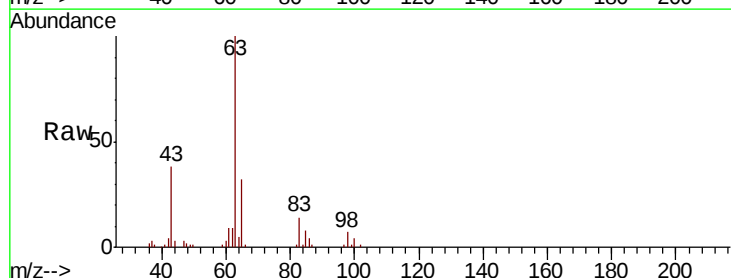
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

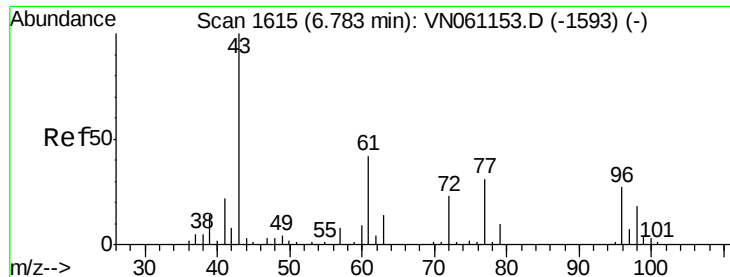
Tot Ion: 43 Resp: 1000314
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 50.611 ug/l
 RT: 5.80 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

Tgt Ion: 63 Resp: 125802
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.3 1.9 5.7





#25

2-Butanone

Concen: 236.430 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

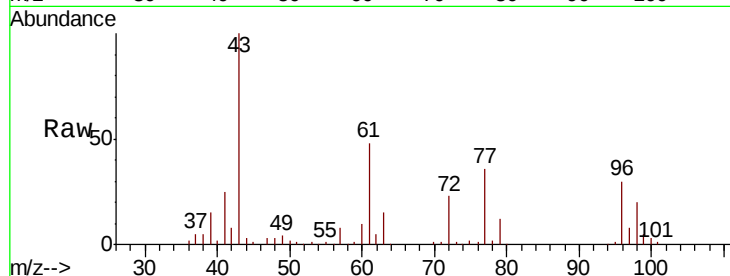
VSTDCCC050EC

Tot Ion: 43 Resp: 232151

Ion Ratio Lower Upper

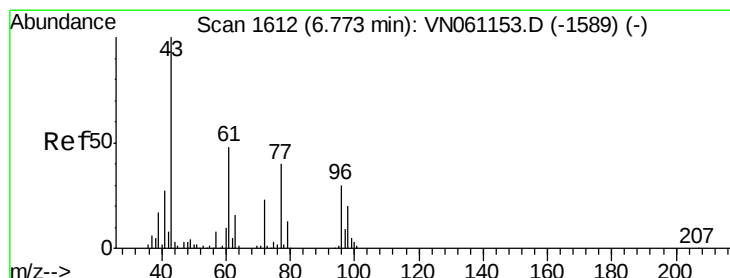
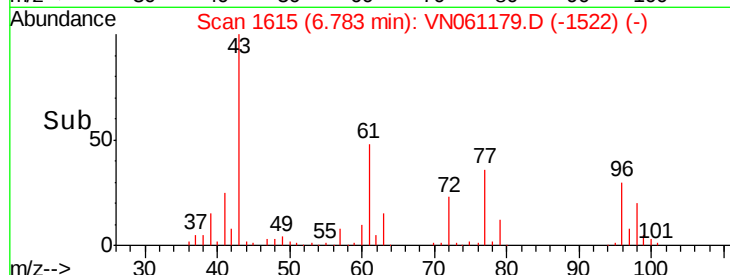
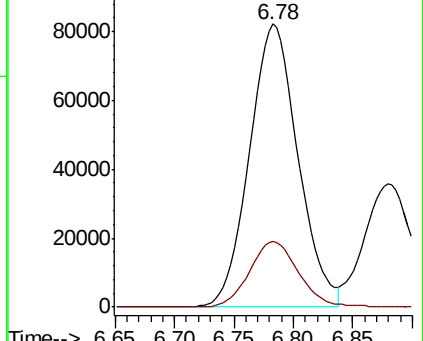
43 100

72 23.1 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 48.043 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061179.D

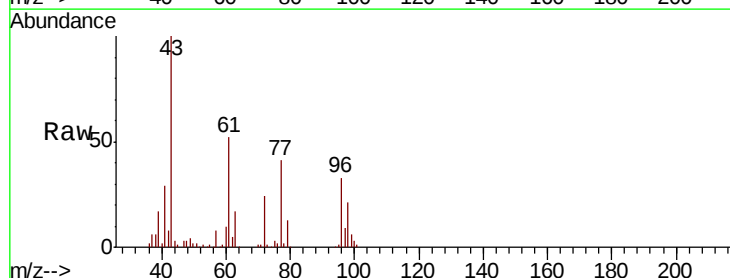
Acq: 28 Apr 2020 21:27

Tgt Ion: 77 Resp: 100586

Ion Ratio Lower Upper

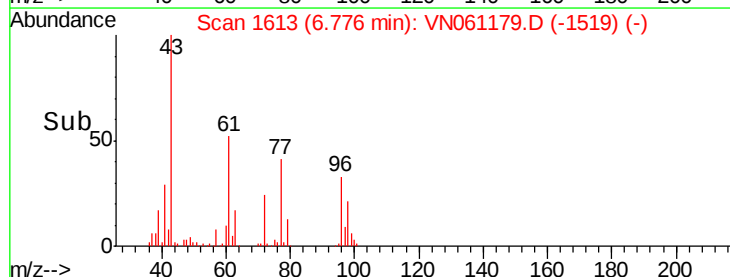
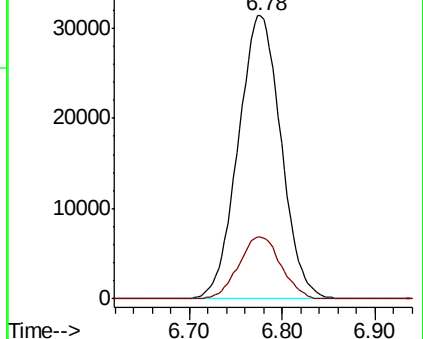
77 100

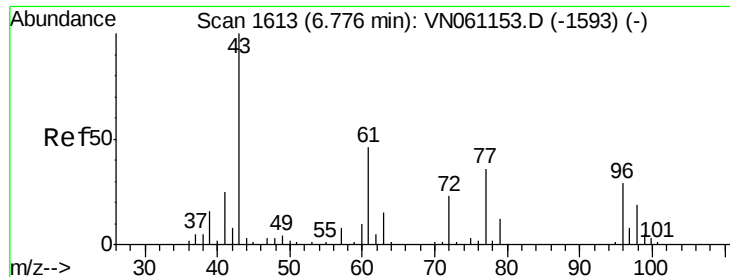
97 21.6 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 52.048 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

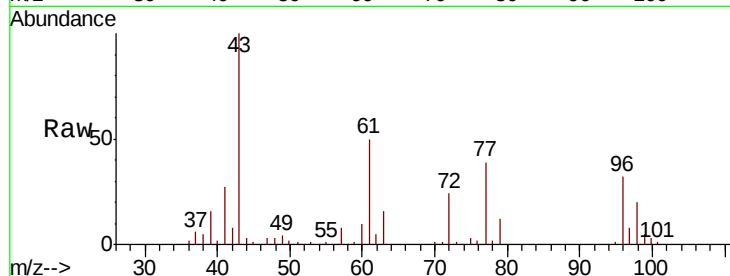
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 73590

Ion	Ratio	Lower	Upper
96	100		
61	159.0	0.0	322.0
98	64.7	0.0	129.6

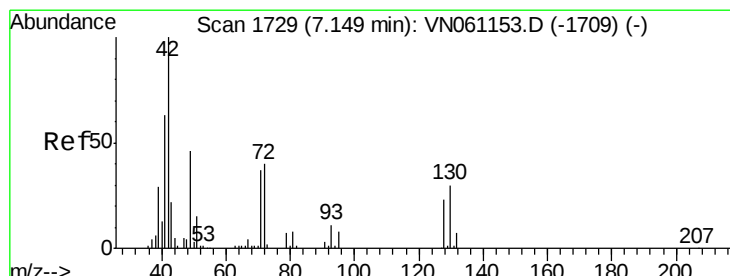
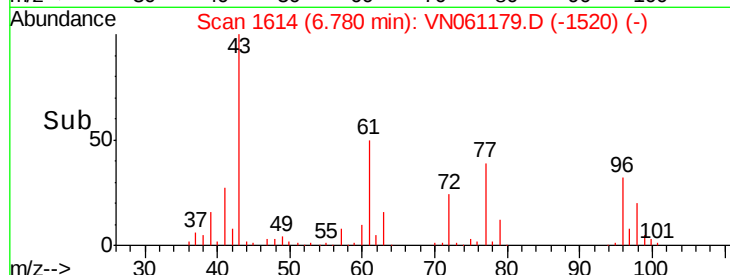
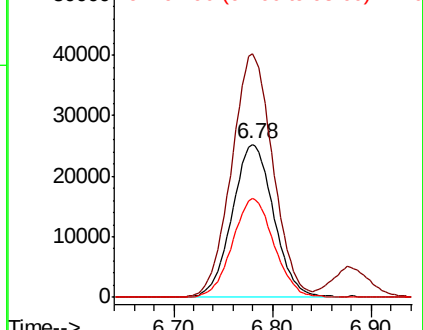


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 51.731 ug/l

RT: 7.15 min Scan# 1729

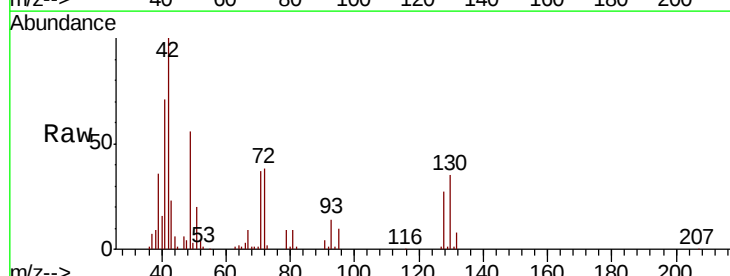
Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Tgt Ion: 49 Resp: 60947

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	62.7	51.4	77.2

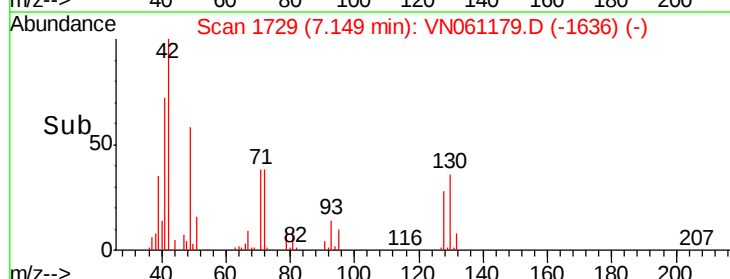
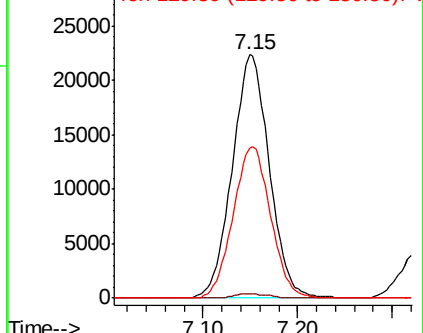


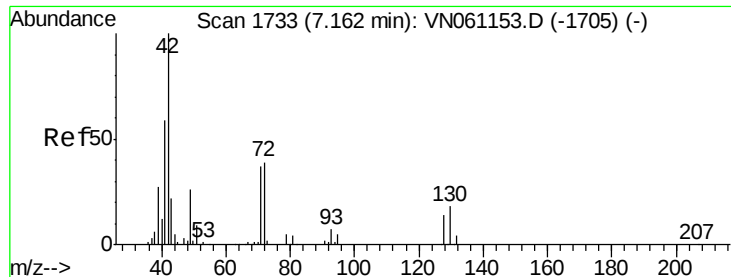
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

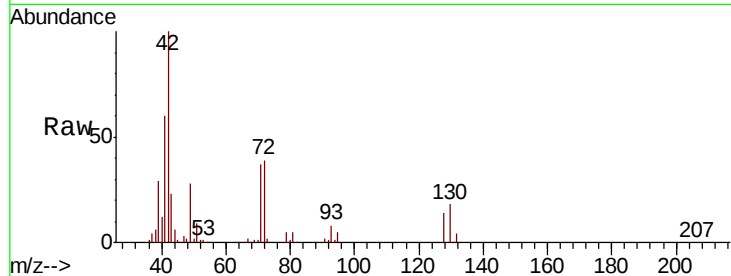




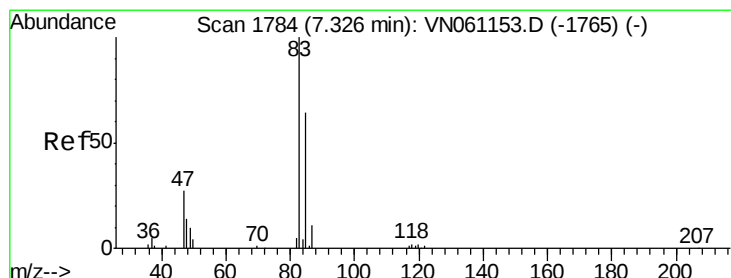
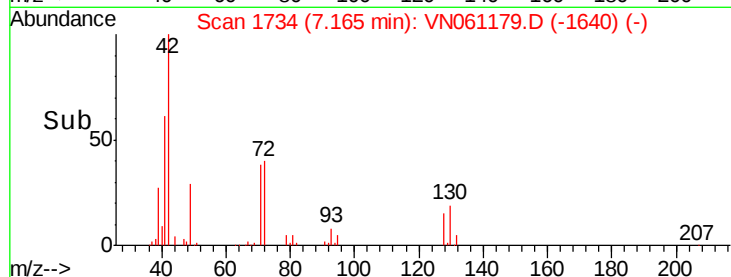
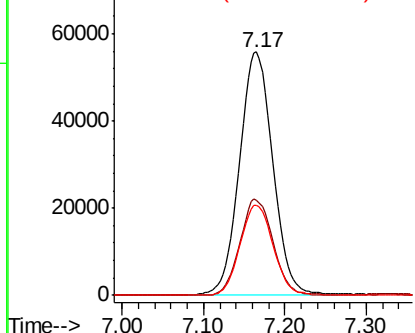
#29
Tetrahydrofuran
Concen: 239.460 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 158386
Ion Ratio Lower Upper
42 100
72 39.0 31.4 47.0
71 36.7 29.5 44.3

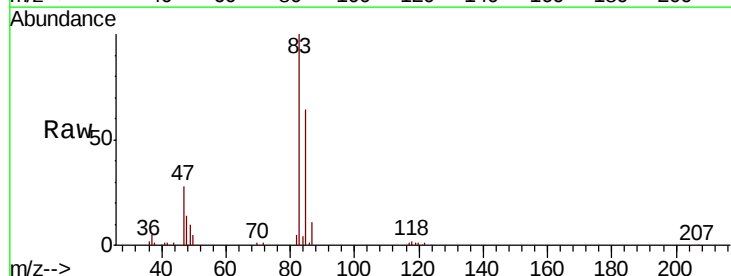


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

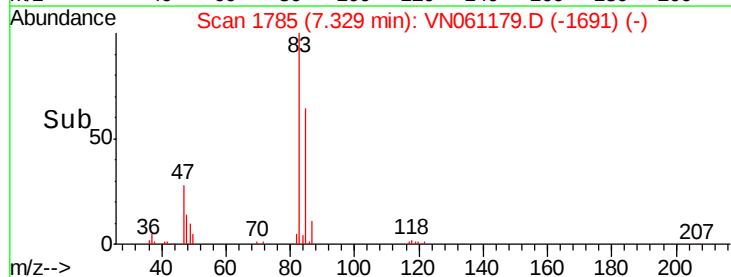
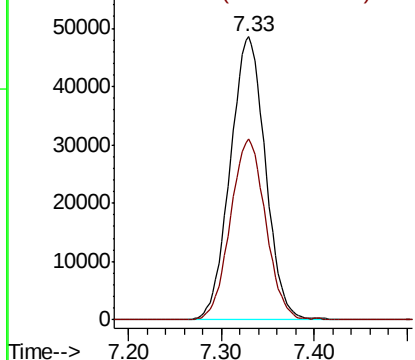


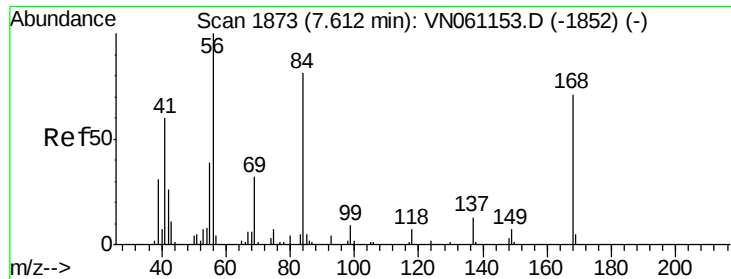
#30
Chloroform
Concen: 50.642 ug/l
RT: 7.33 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

Tgt Ion: 83 Resp: 127565
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

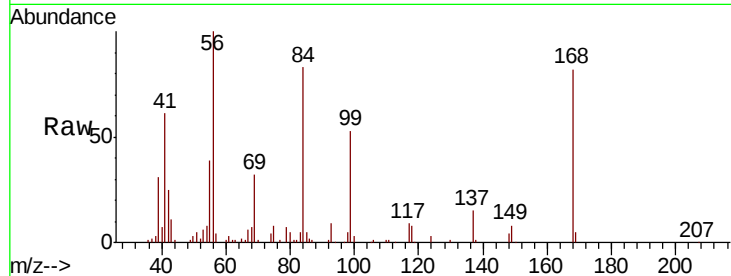




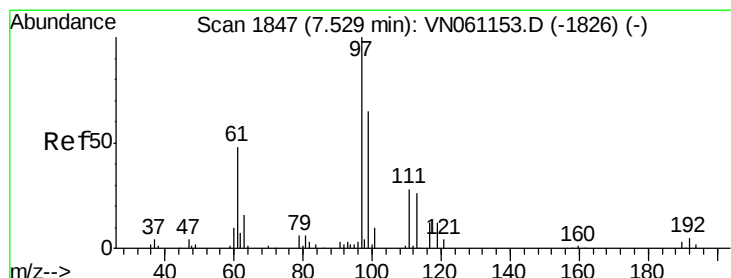
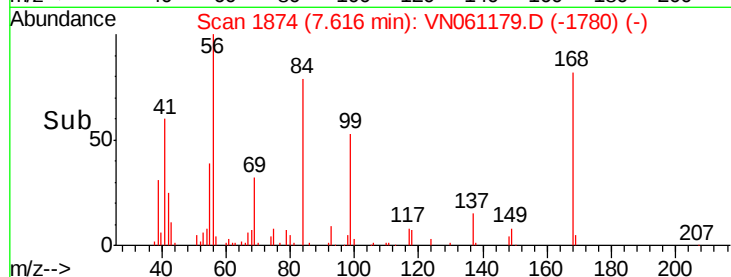
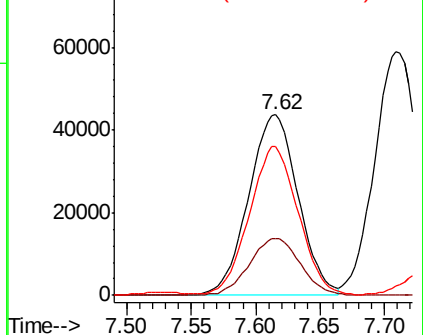
#31
Cvclohexane
Concen: 48.348 ug/l
RT: 7.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 116711
Ion Ratio Lower Upper
56 100
69 31.7 25.7 38.5
84 81.6 64.6 97.0

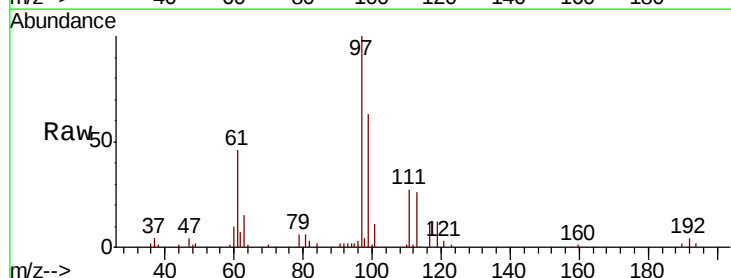


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

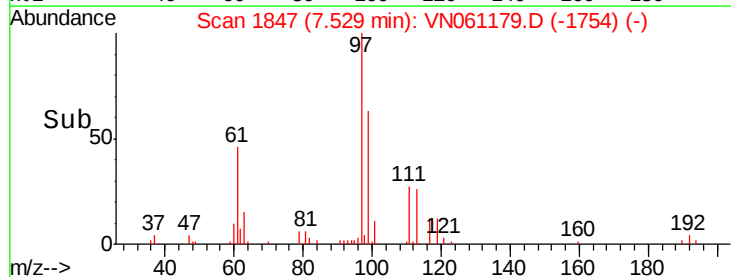
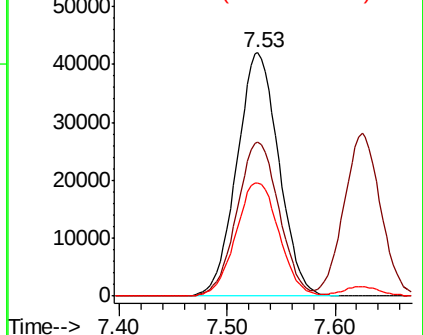


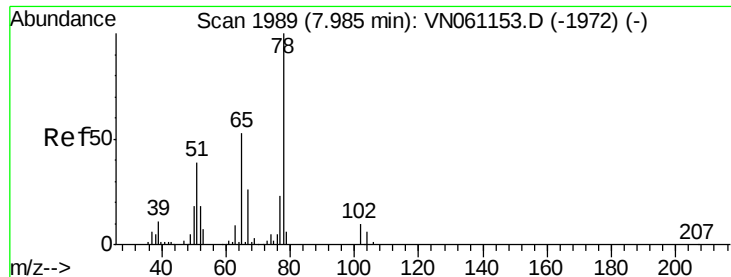
#32
1,1,1-Trichloroethane
Concen: 51.611 ug/l
RT: 7.53 min Scan# 1847
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

Tgt Ion: 97 Resp: 113209
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 48.0 38.6 57.8



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 52.011 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

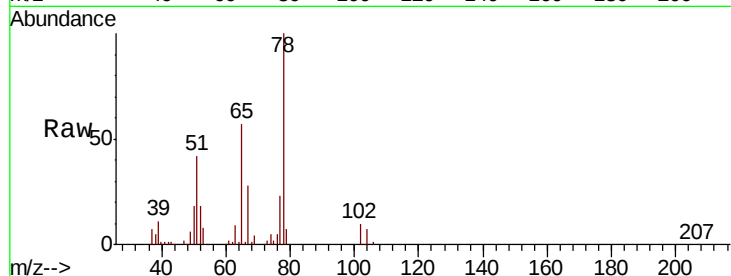
VSTDCCC050EC

Tot Ion: 65 Resp: 86306

Ion Ratio Lower Upper

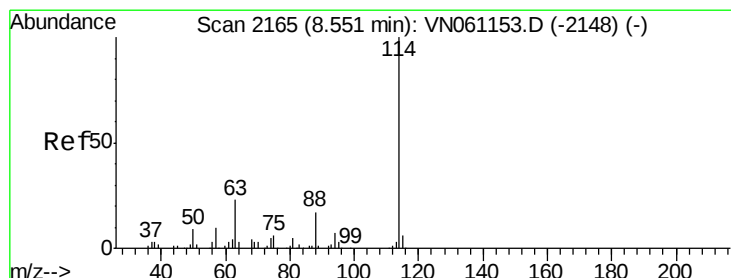
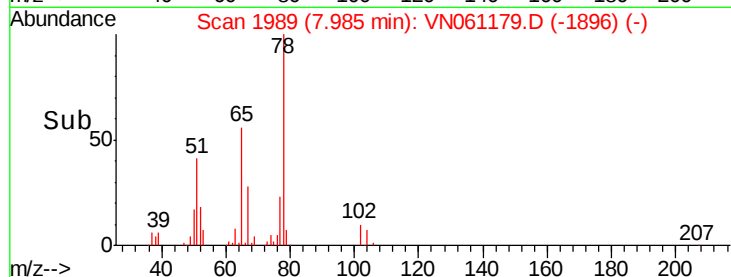
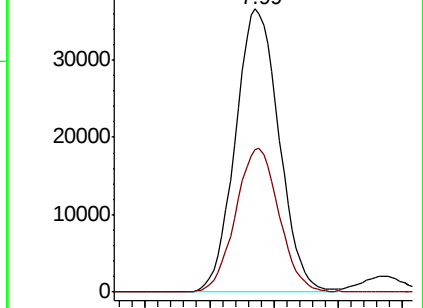
65 100

67 50.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN061179.D (-1896) (-)

Ion 66.90 (66.60 to 67.60): VN061179.D (-1896) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

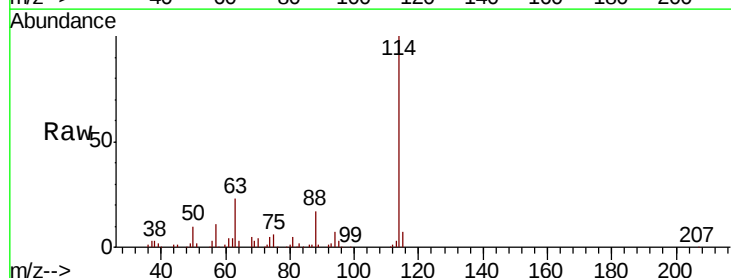
Tgt Ion: 114 Resp: 184968

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.6

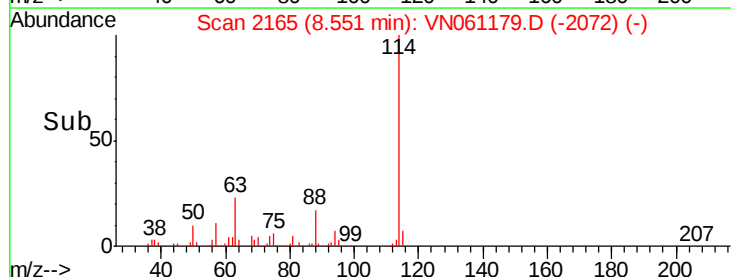
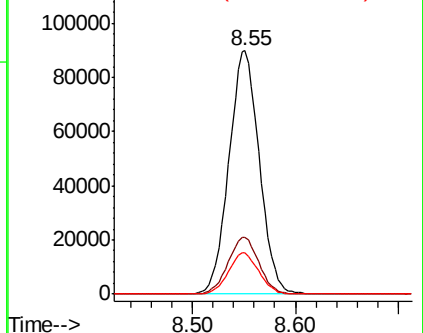
88 16.8 0.0 33.4

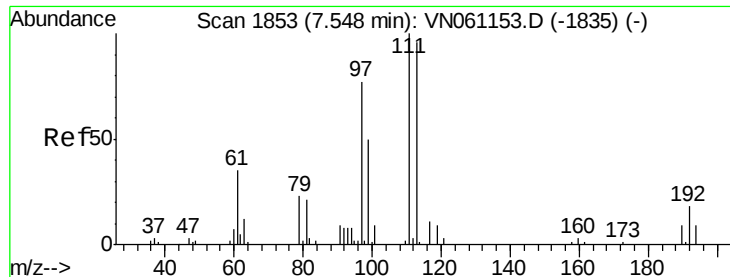


Abundance Ion 113.90 (113.60 to 114.60): VN061179.D (-2072) (-)

Ion 63.00 (62.70 to 63.70): VN061179.D (-2072) (-)

Ion 87.90 (87.60 to 88.60): VN061179.D (-2072) (-)

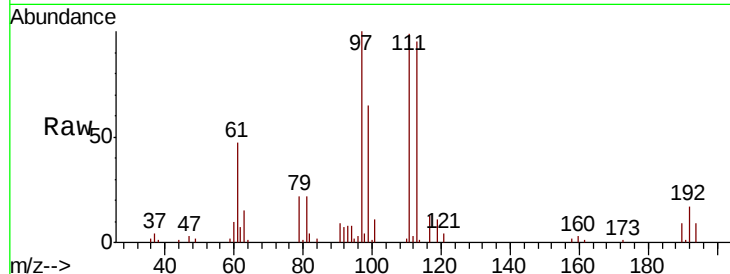




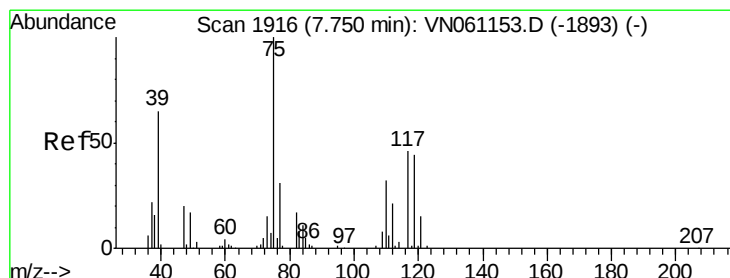
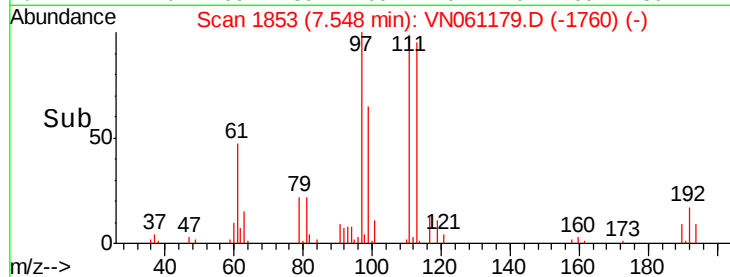
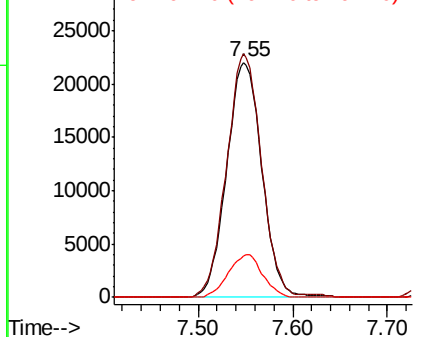
#35
 Dibromofluoromethane
 Concen: 52.086 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 56969
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.9 124.3
 192 17.7 14.7 22.1

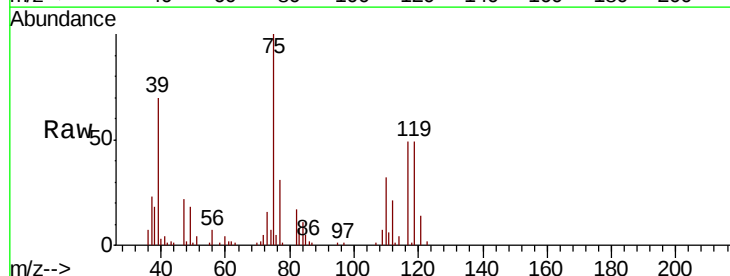


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

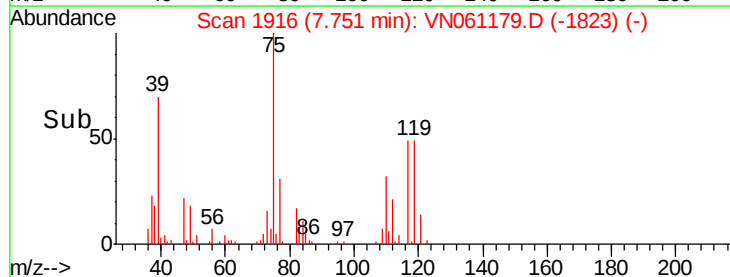
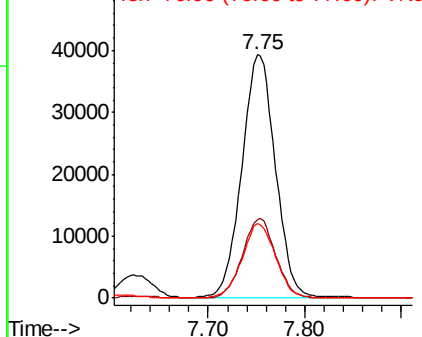


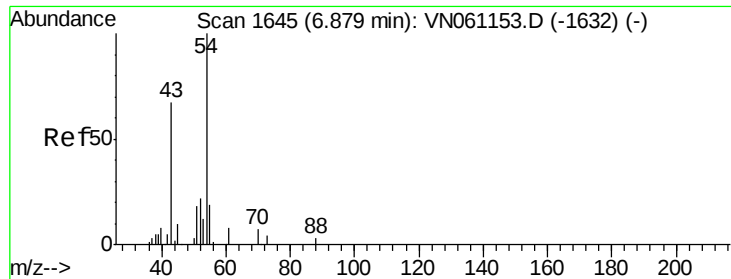
#36
 1,1-Dichloropropene
 Concen: 51.412 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

Tgt Ion: 75 Resp: 95195
 Ion Ratio Lower Upper
 75 100
 110 31.9 16.0 48.0
 77 30.3 24.6 37.0



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

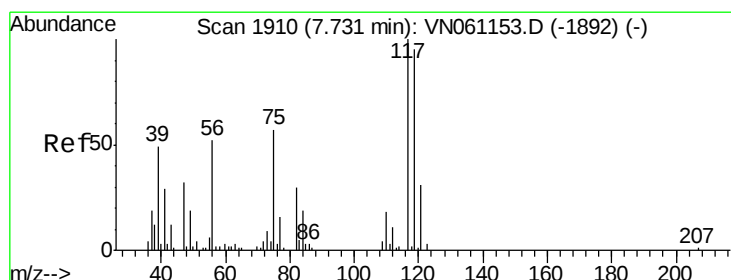
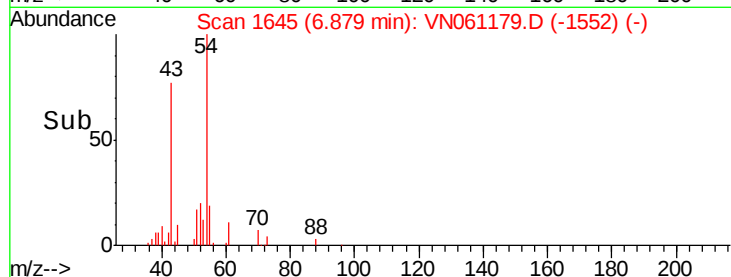
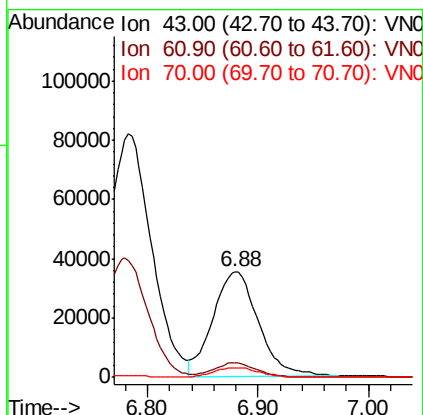
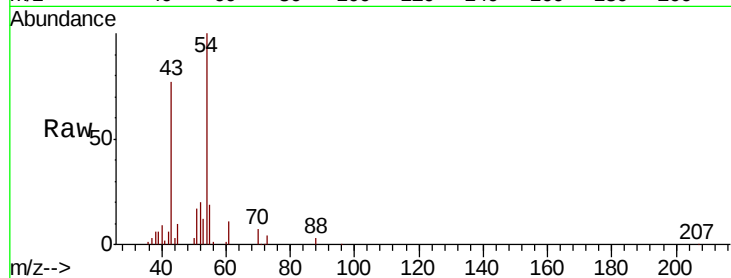




#37
Ethyl Acetate
Concen: 46.328 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

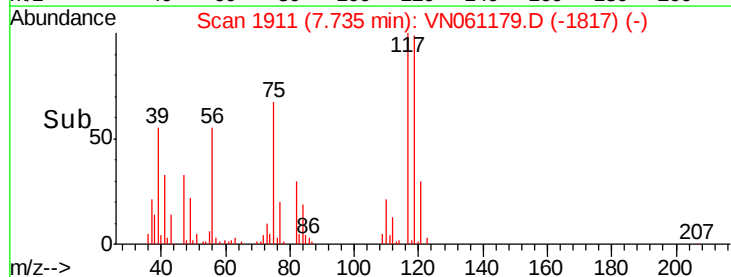
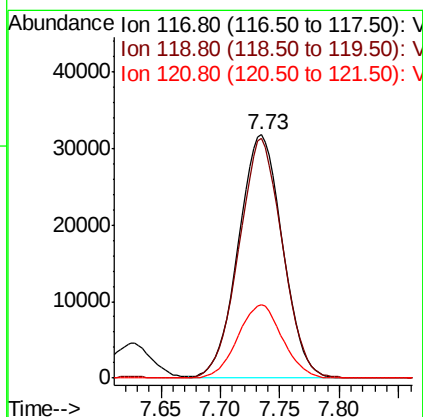
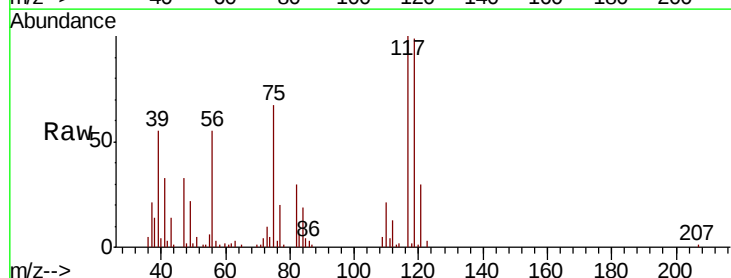
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

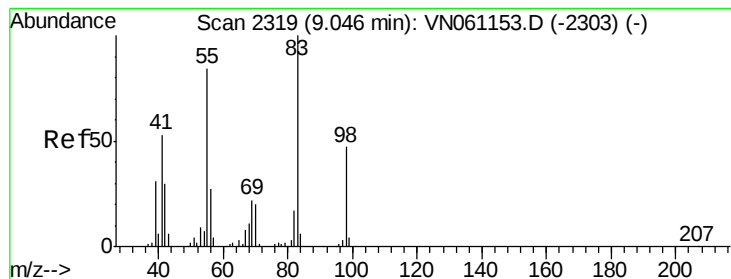
Tot Ion: 43 Resp: 100565
Ion Ratio Lower Upper
43 100
61 13.6 10.2 15.2
70 9.2 7.2 10.8



#38
Carbon Tetrachloride
Concen: 55.240 ug/l
RT: 7.73 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

Tgt Ion: 117 Resp: 81795
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.6
121 30.1 24.7 37.1





#39

Methvlcvclohexane

Concen: 48.177 ug/l

RT: 9.05 min Scan# 2319

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

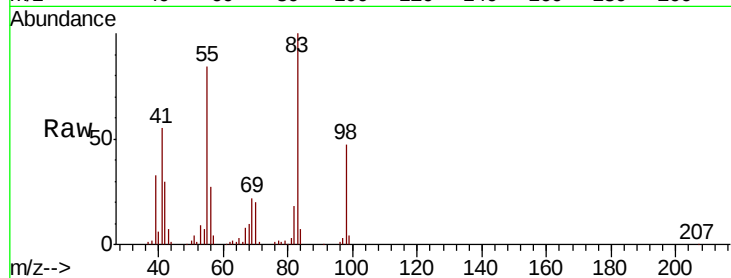
Tot Ion: 83 Resp: 105991

Ion Ratio Lower Upper

83 100

55 84.0 67.3 100.9

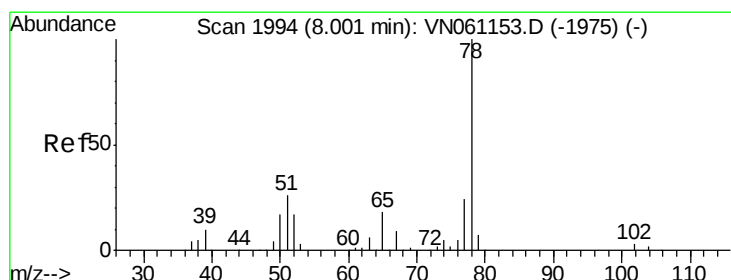
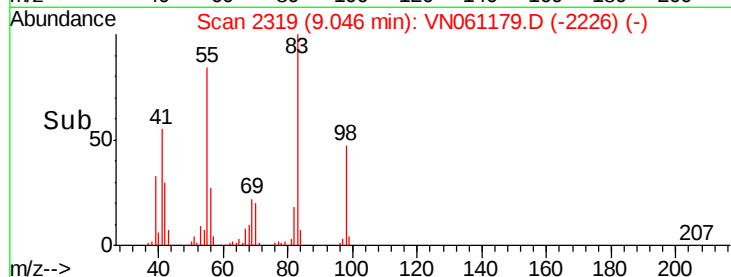
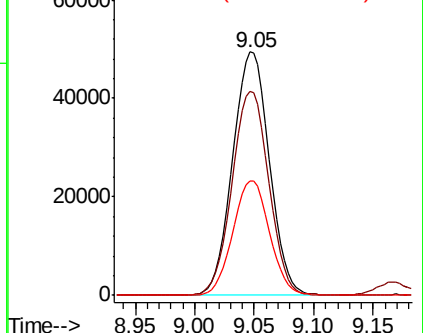
98 47.1 37.7 56.5



Abundance Ion 83.00 (82.70 to 83.70): VN061179.D (-2226) (-)

Ion 55.00 (54.70 to 55.70): VN061179.D (-2226) (-)

Ion 98.00 (97.70 to 98.70): VN061179.D (-2226) (-)



#40

Benzene

Concen: 49.843 ug/l

RT: 8.00 min Scan# 1994

Delta R.T. 0.00 min

Lab File: VN061179.D

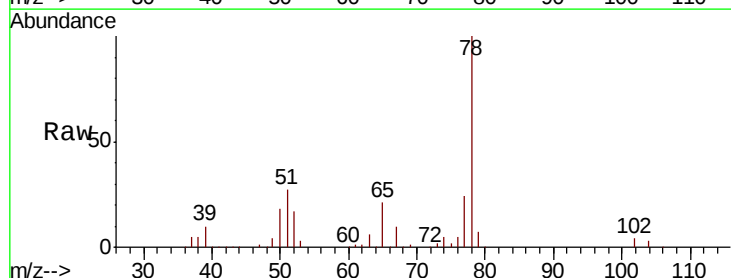
Acq: 28 Apr 2020 21:27

Tgt Ion: 78 Resp: 274956

Ion Ratio Lower Upper

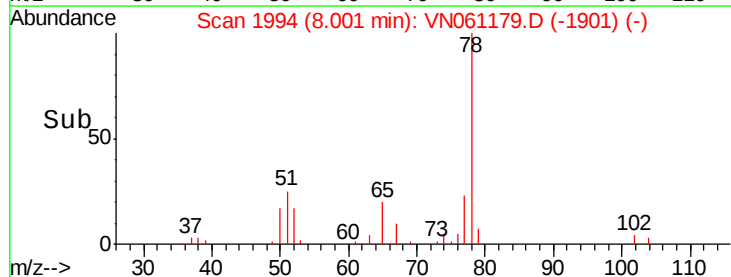
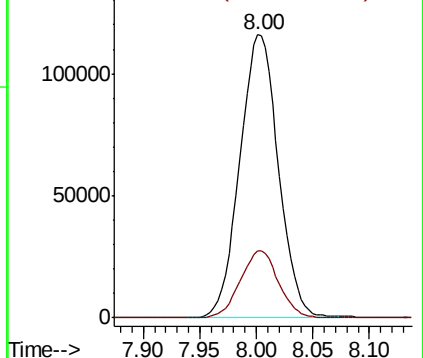
78 100

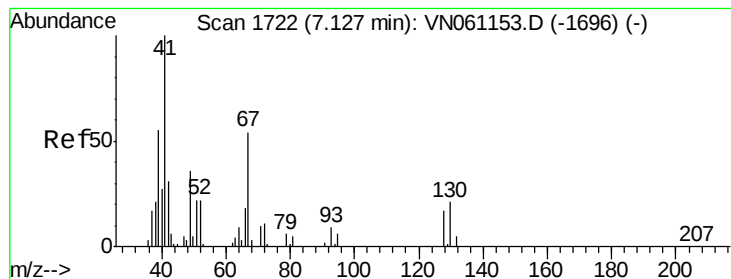
77 23.5 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VN061179.D (-1901) (-)

Ion 77.00 (76.70 to 77.70): VN061179.D (-1901) (-)





#41

Methacrylonitrile

Concen: 54.522 ug/l

RT: 7.13 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 49139

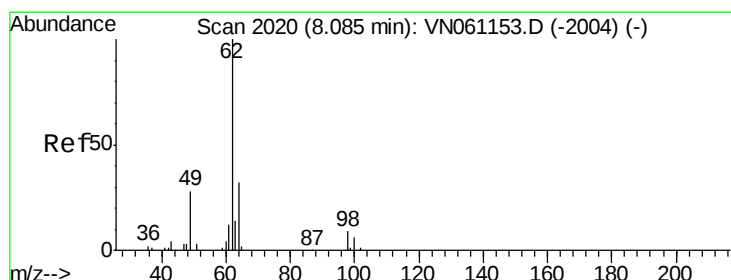
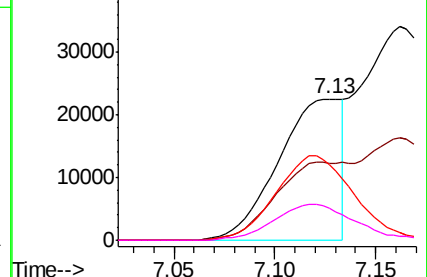
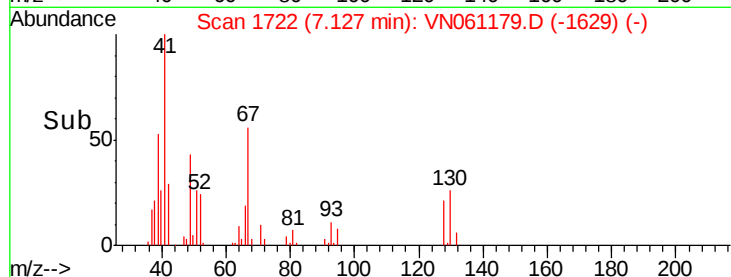
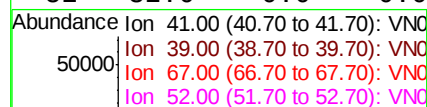
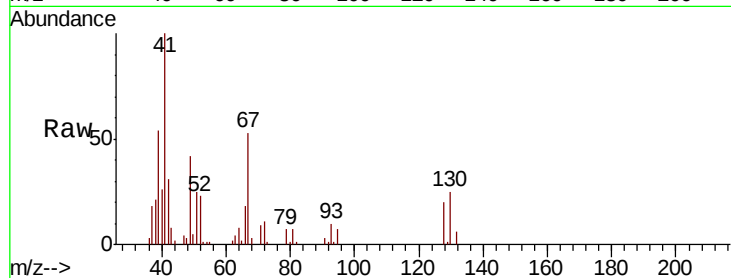
Ion Ratio Lower Upper

41 100

39 52.0 0.0 0.0#

67 74.1 0.0 0.0#

52 32.6 0.0 0.0#



#42

1,2-Dichloroethane

Concen: 50.879 ug/l

RT: 8.08 min Scan# 2020

Delta R.T. 0.00 min

Lab File: VN061179.D

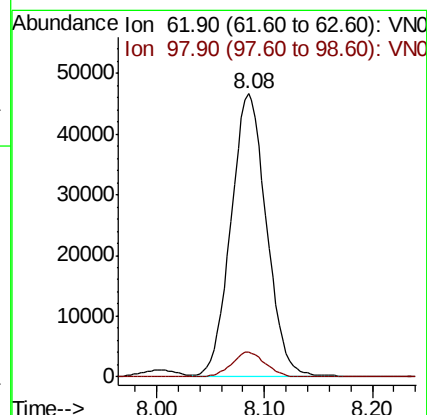
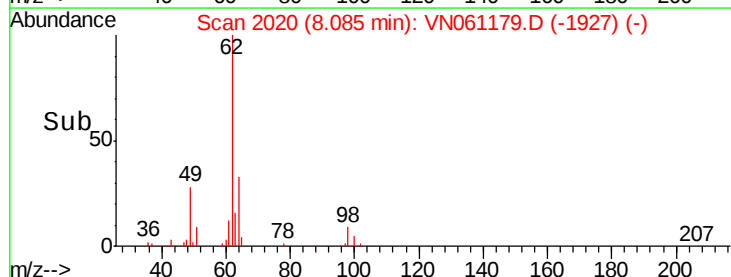
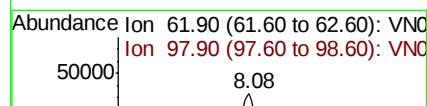
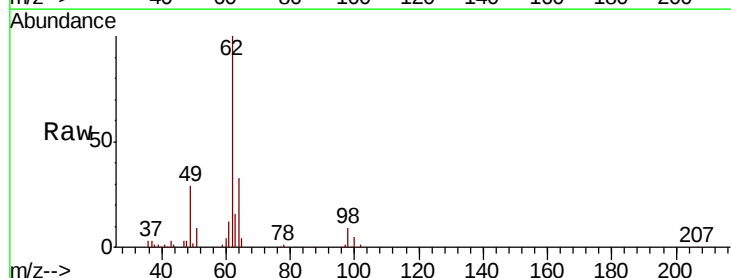
Acq: 28 Apr 2020 21:27

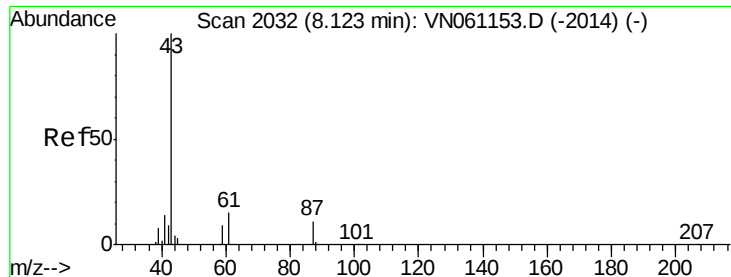
Tgt Ion: 62 Resp: 106327

Ion Ratio Lower Upper

62 100

98 8.3 0.0 16.8





#43

Isopropyl Acetate

Concen: 49.508 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

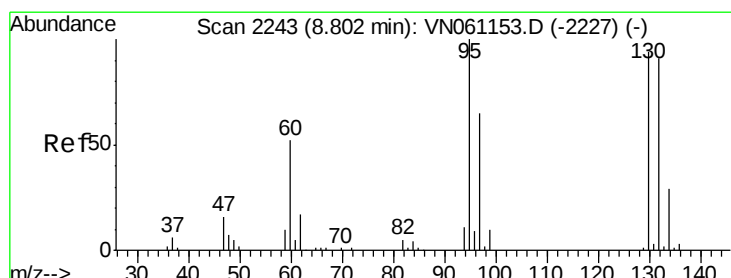
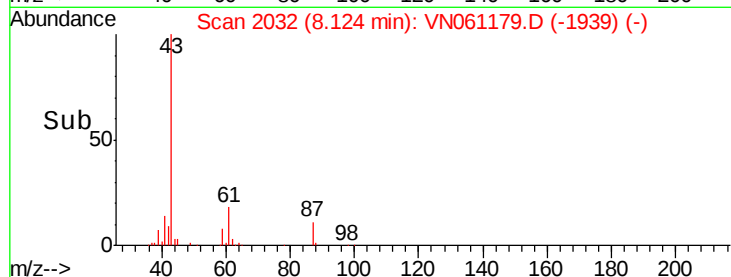
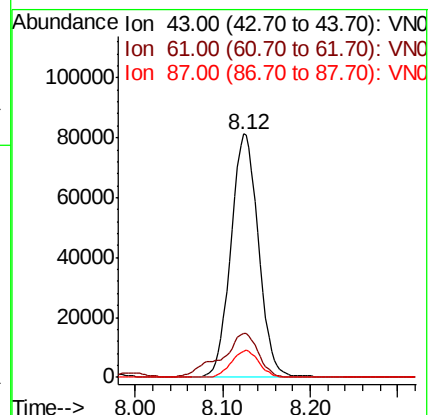
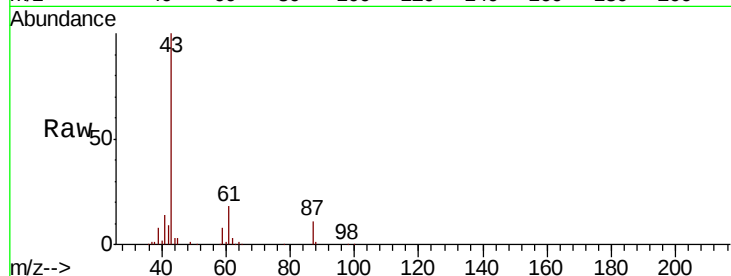
Tot Ion: 43 Resp: 178353

Ion Ratio Lower Upper

43 100

61 24.3 19.5 29.3

87 11.1 8.9 13.3



#44

Trichloroethene

Concen: 48.621 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061179.D

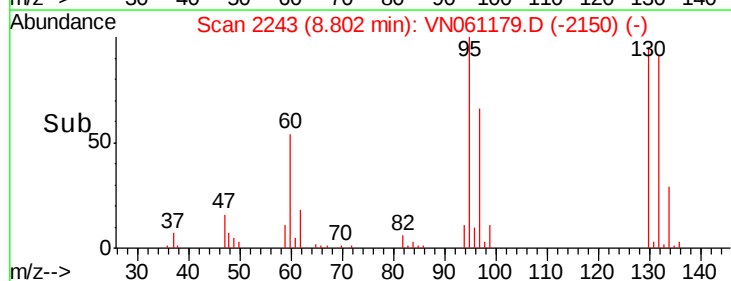
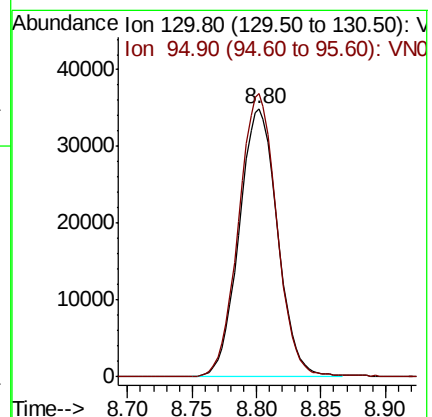
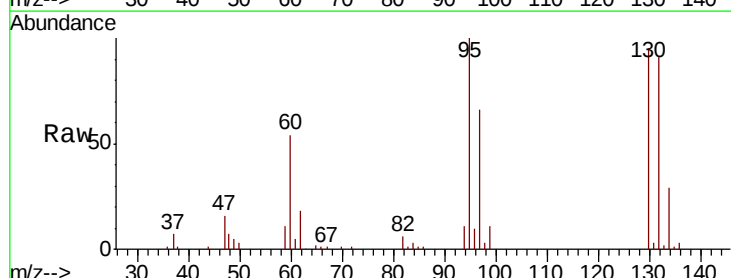
Acq: 28 Apr 2020 21:27

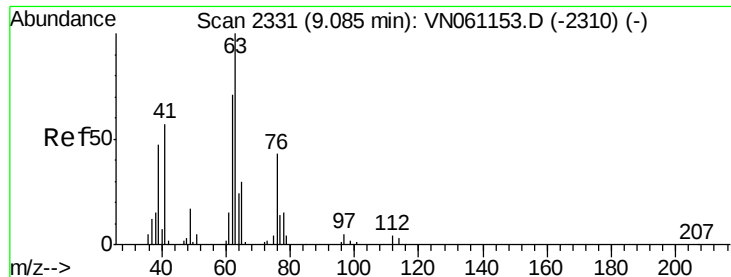
Tgt Ion: 130 Resp: 72506

Ion Ratio Lower Upper

130 100

95 105.5 0.0 212.4





#45

1,2-Dichloropropane

Concen: 49.720 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

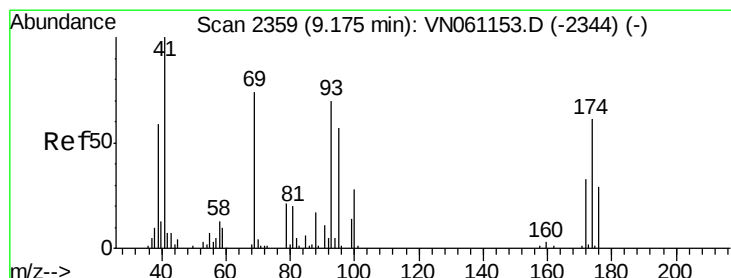
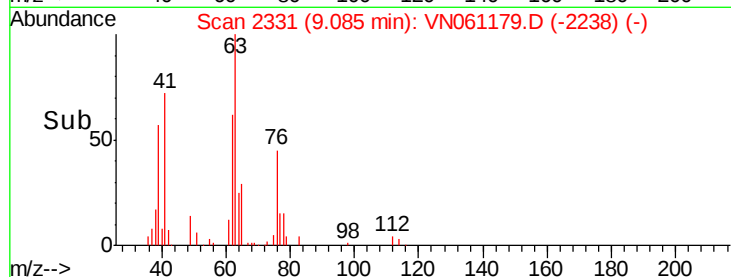
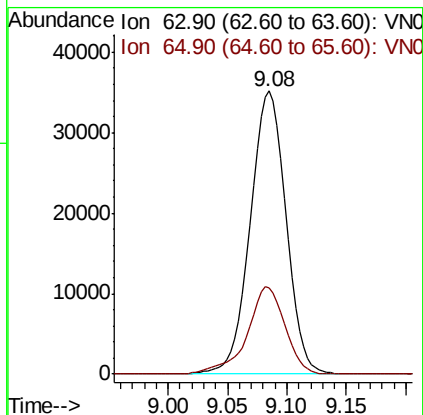
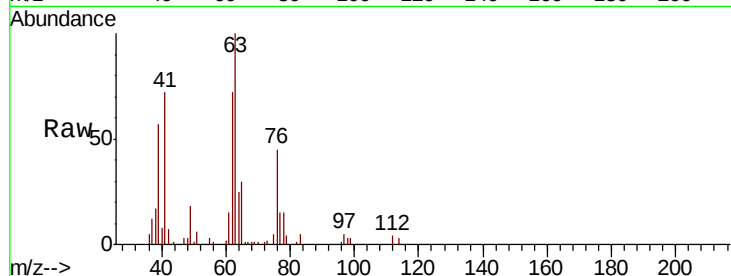
VSTDCCC050EC

Tot Ion: 63 Resp: 73275

Ion Ratio Lower Upper

63 100

65 30.4 24.7 37.1



#46

Dibromomethane

Concen: 51.680 ug/l

RT: 9.17 min Scan# 2359

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

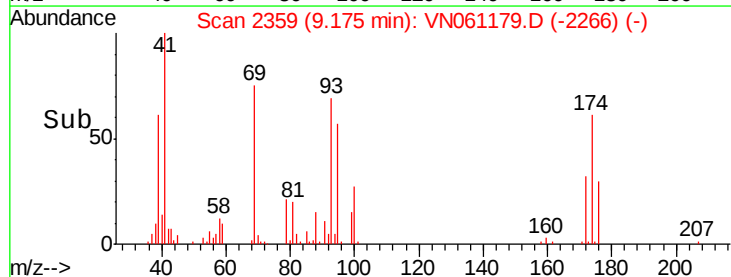
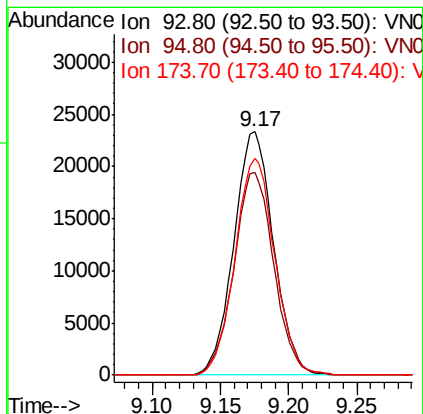
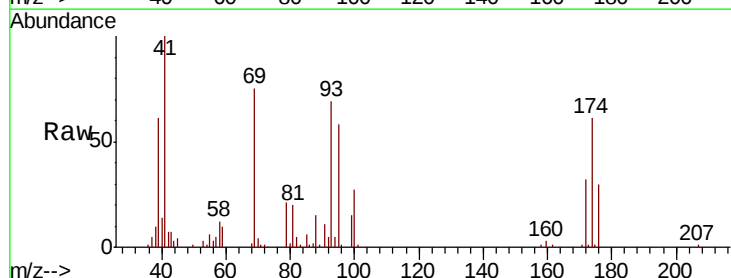
Tgt Ion: 93 Resp: 47158

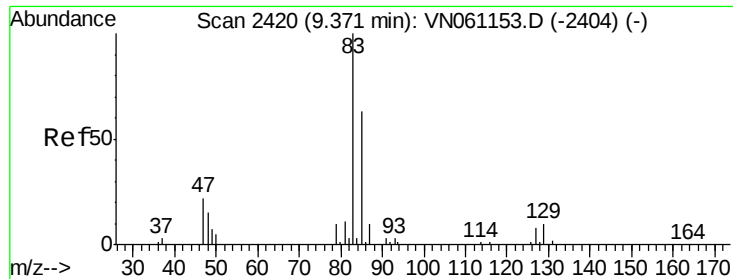
Ion Ratio Lower Upper

93 100

95 83.5 66.6 99.8

174 89.4 70.2 105.2





#47

Bromodichloromethane

Concen: 51.935 ug/l

RT: 9.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

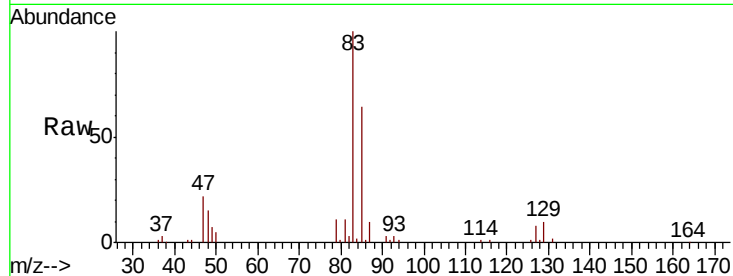
Tot Ion: 83 Resp: 101720

Ion Ratio Lower Upper

83 100

85 64.4 50.4 75.6

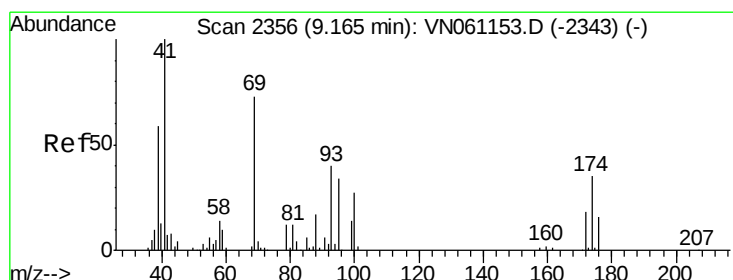
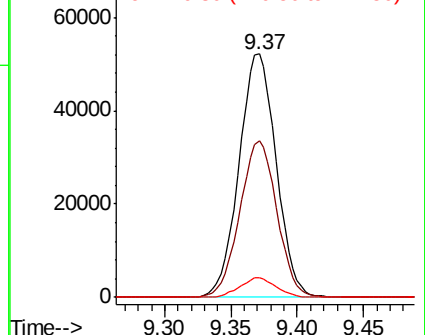
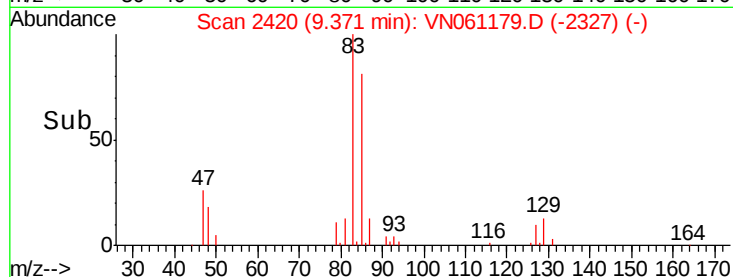
127 8.2 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061179.D (-2327) (-)

Ion 84.90 (84.60 to 85.60): VN061179.D (-2327) (-)

Ion 126.80 (126.50 to 127.50): VN061179.D (-2327) (-)



#48

Methyl methacrylate

Concen: 50.023 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

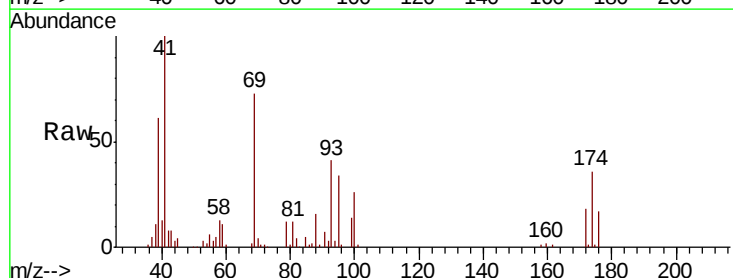
Tgt Ion: 41 Resp: 81320

Ion Ratio Lower Upper

41 100

69 75.6 60.3 90.5

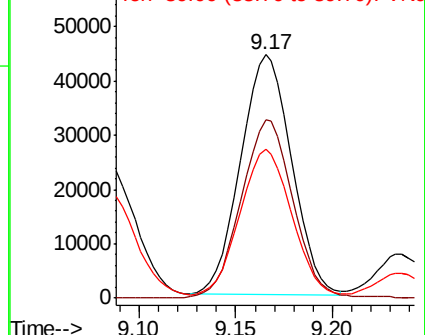
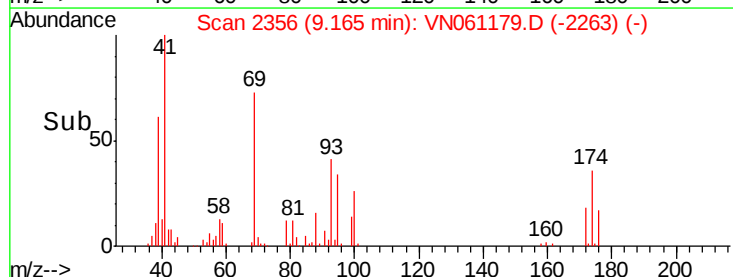
39 64.3 47.4 71.0

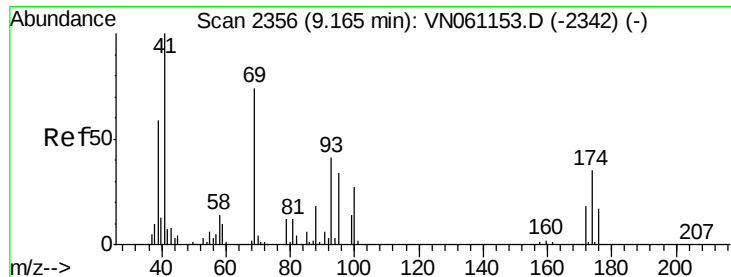


Abundance Ion 41.00 (40.70 to 41.70): VN061179.D (-2263) (-)

Ion 69.00 (68.70 to 69.70): VN061179.D (-2263) (-)

Ion 39.00 (38.70 to 39.70): VN061179.D (-2263) (-)

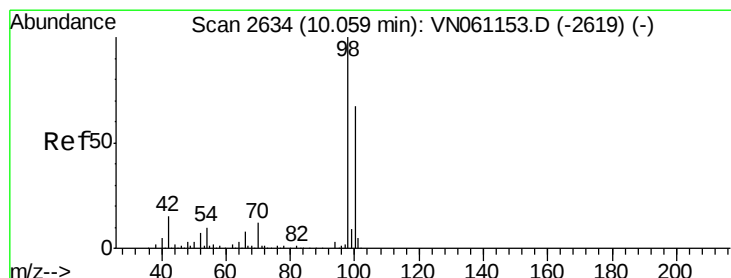
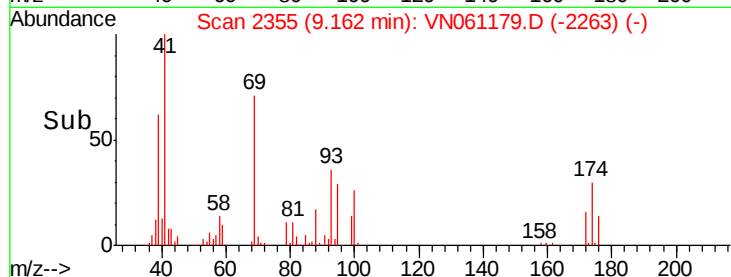
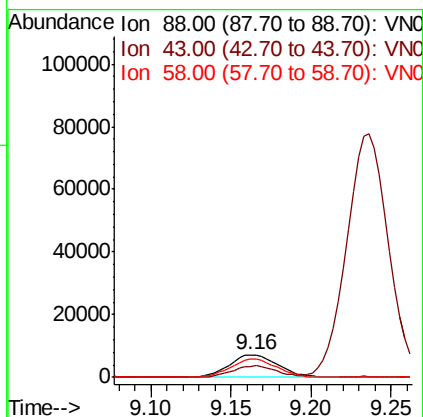
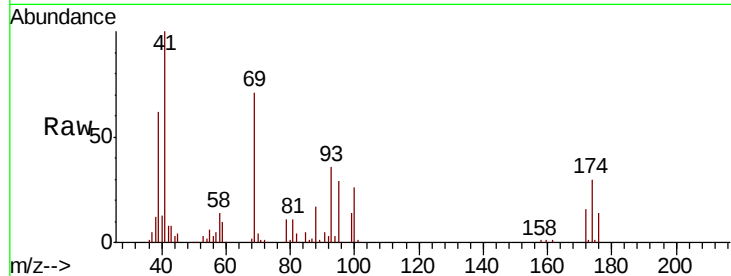




#49
1,4-Dioxane
Concen: 799.592 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

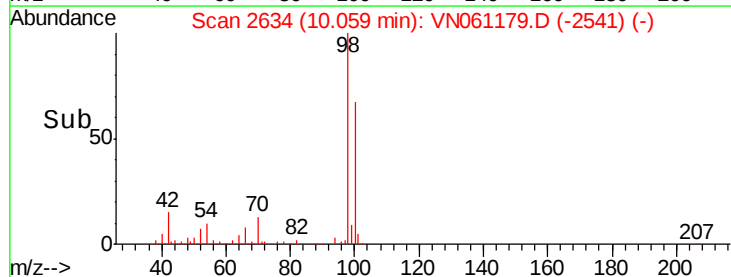
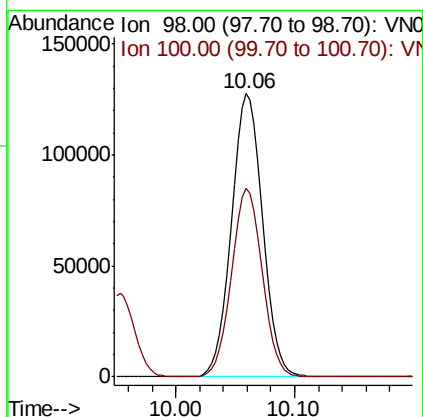
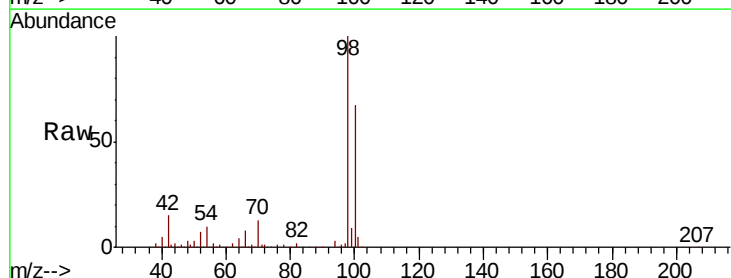
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

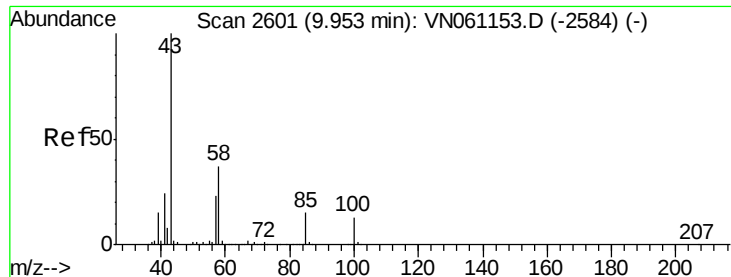
Tot Ion: 88 Resp: 14755
Ion Ratio Lower Upper
88 100
43 47.0 35.3 52.9
58 78.5 61.5 92.3



#50
Toluene-d8
Concen: 51.876 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

Tgt Ion: 98 Resp: 231302
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0

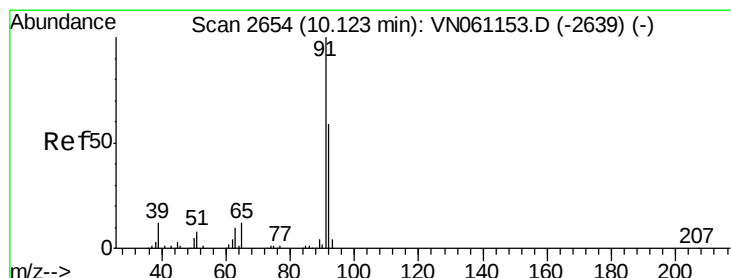
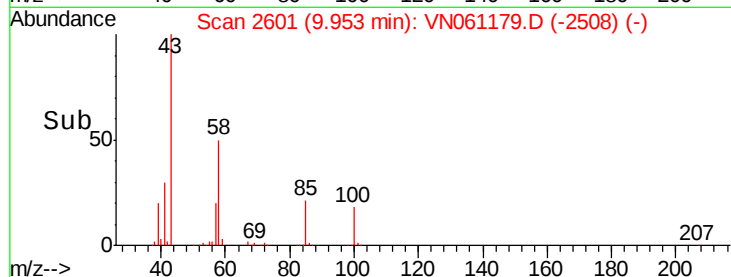
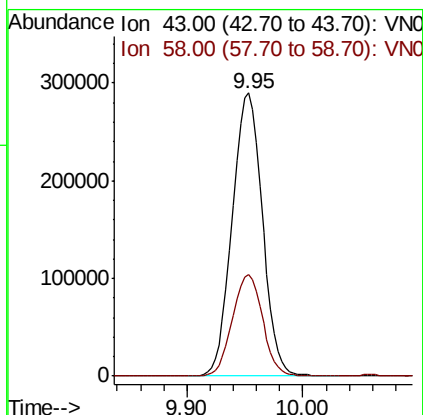
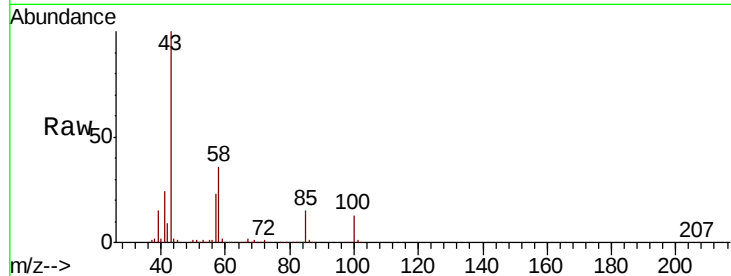




#51
 4-Methyl-2-Pentanone
 Concen: 246.416 ug/l
 RT: 9.95 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

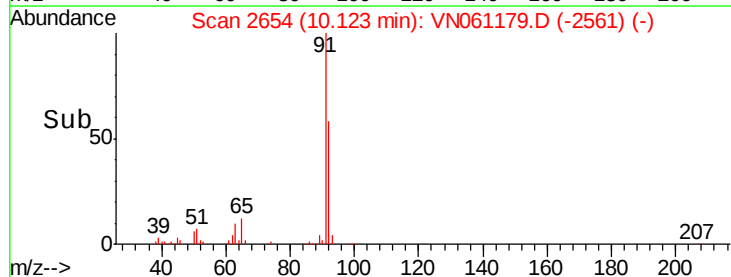
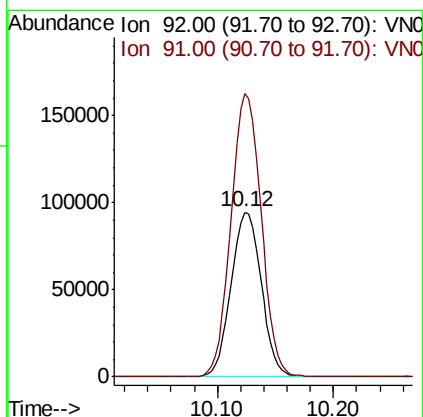
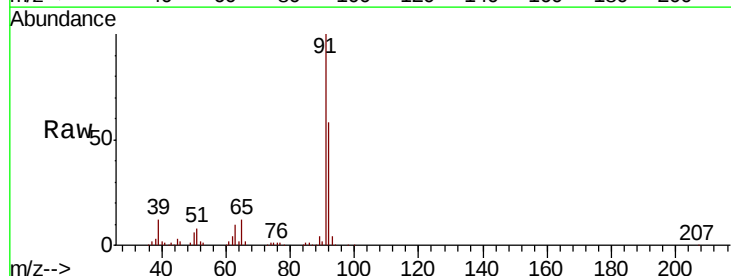
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

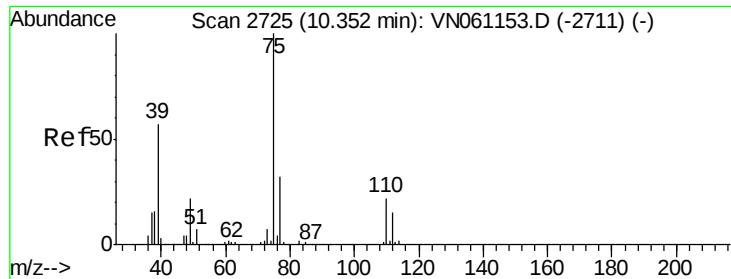
Tot Ion: 43 Resp: 522528
 Ion Ratio Lower Upper
 43 100
 58 36.0 29.1 43.7



#52
 Toluene
 Concen: 51.302 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

Tgt Ion: 92 Resp: 170462
 Ion Ratio Lower Upper
 92 100
 91 171.9 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 51.513 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

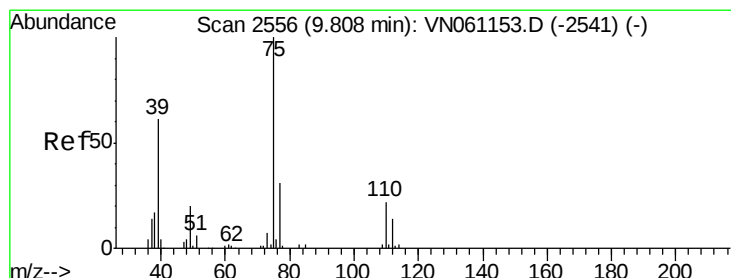
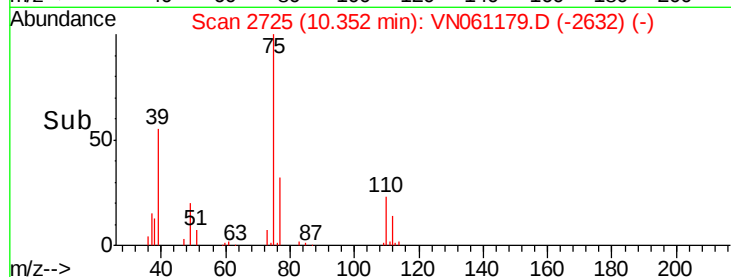
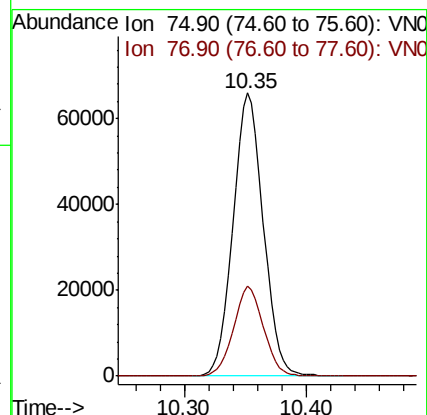
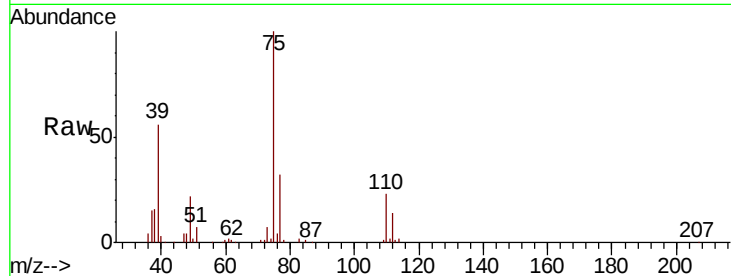
VSTDCCC050EC

Tot Ion: 75 Resp: 113685

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 50.836 ug/l

RT: 9.81 min Scan# 2556

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

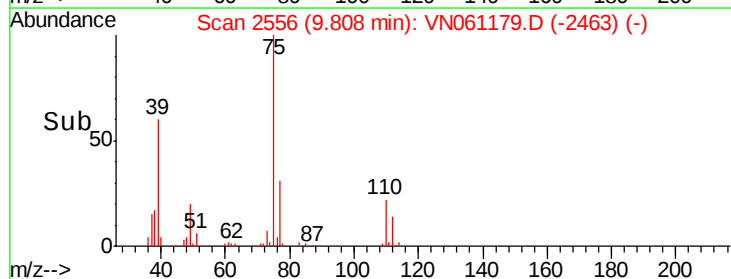
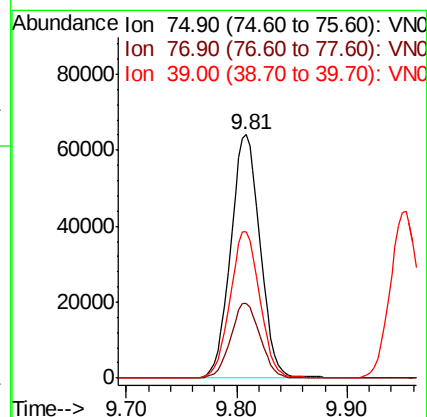
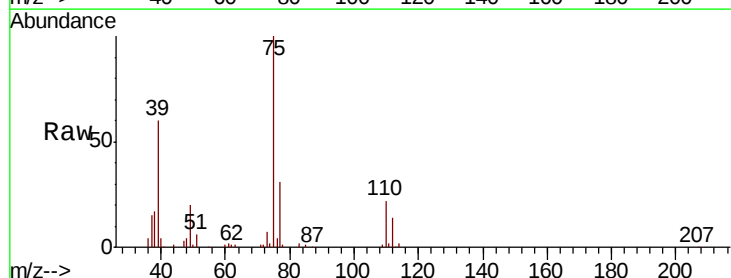
Tgt Ion: 75 Resp: 118608

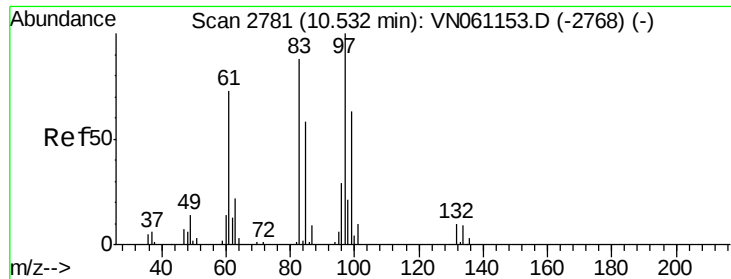
Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4

39 59.9 48.7 73.1





#55

1,1,2-Trichloroethane

Concen: 49.701 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 65870

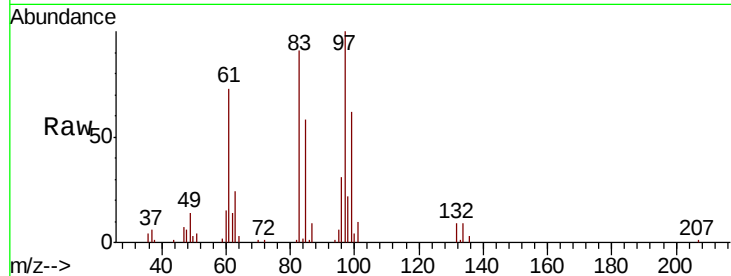
Ion Ratio Lower Upper

97 100

83 91.4 70.6 106.0

85 57.8 46.4 69.6

99 62.3 50.6 75.8

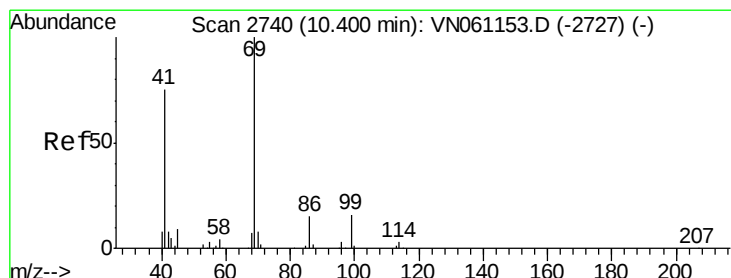
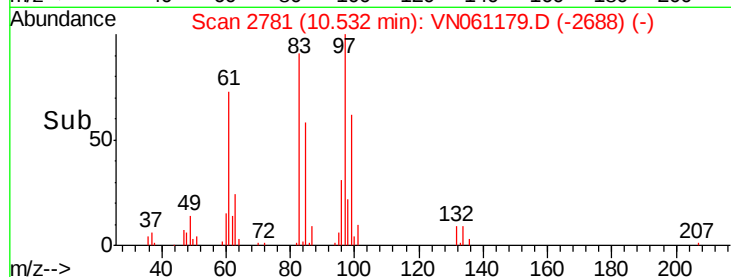
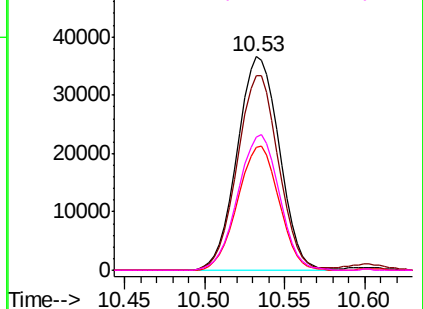


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 46.716 ug/l

RT: 10.40 min Scan# 2740

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

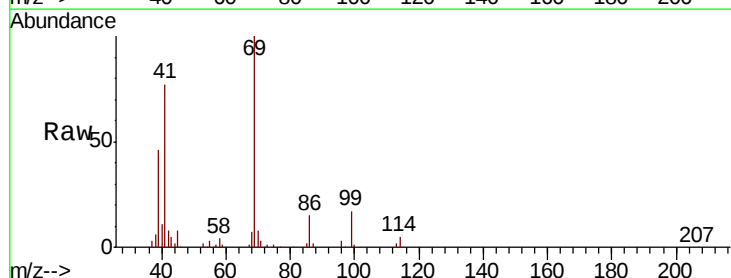
Tgt Ion: 69 Resp: 107453

Ion Ratio Lower Upper

69 100

41 75.8 60.3 90.5

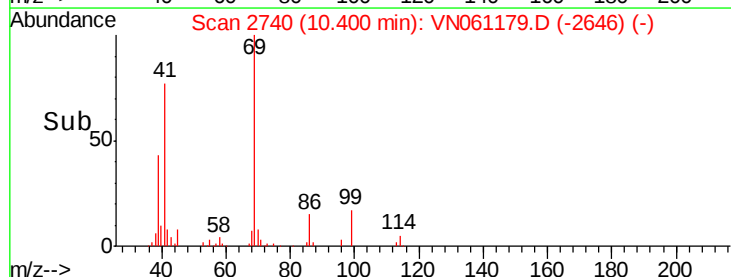
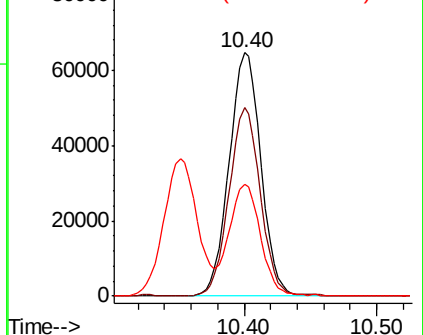
39 44.9 35.9 53.9

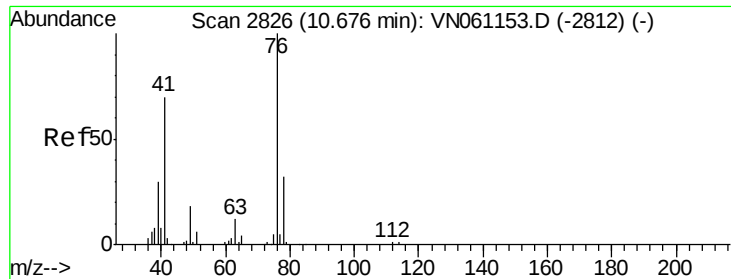


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 51.192 ug/l

RT: 10.68 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

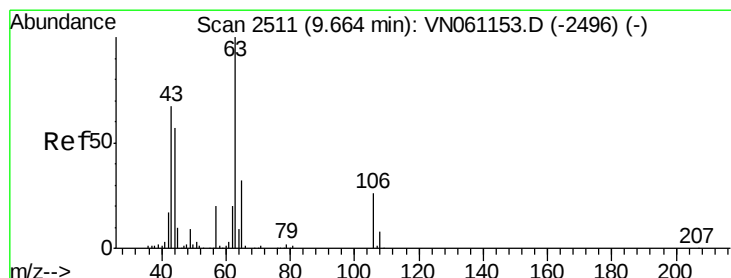
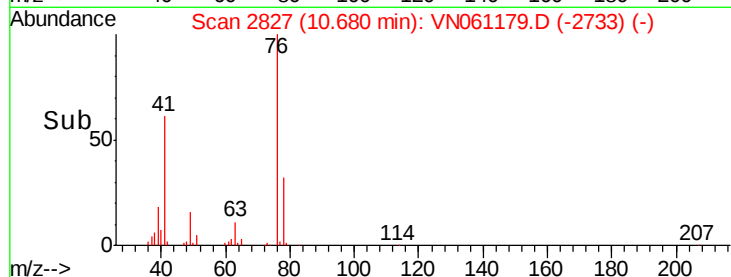
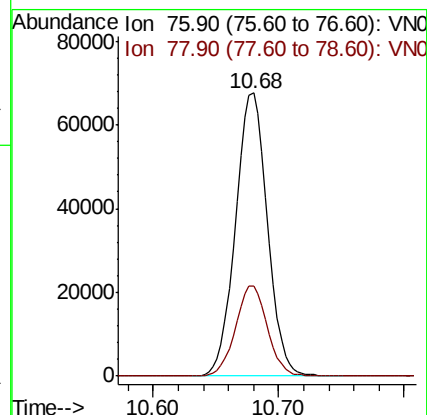
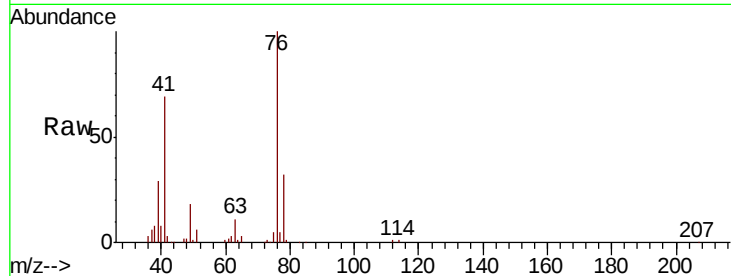
VSTDCCC050EC

Tot Ion: 76 Resp: 119256

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 252.867 ug/l

RT: 9.66 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VN061179.D

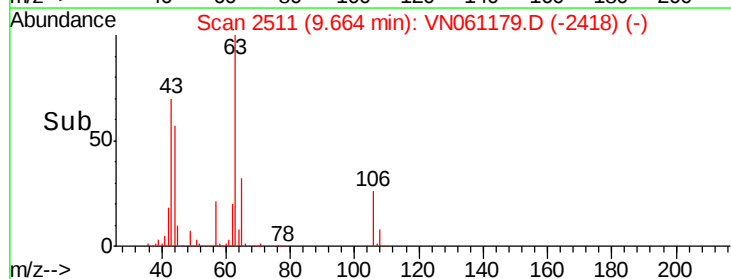
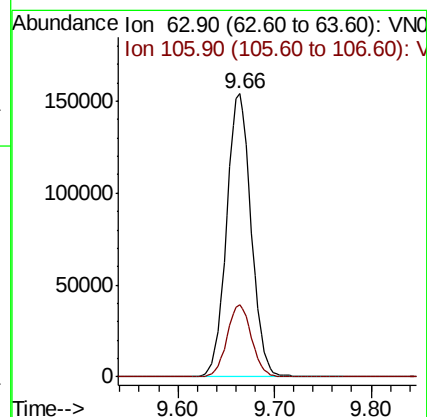
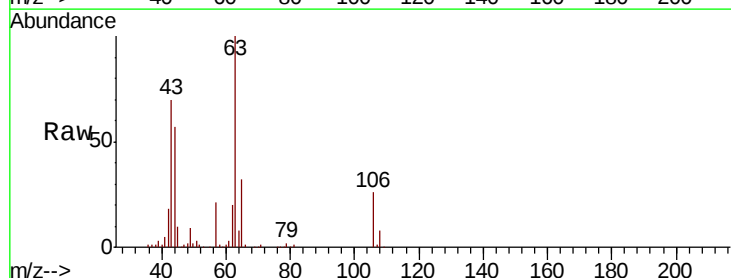
Acq: 28 Apr 2020 21:27

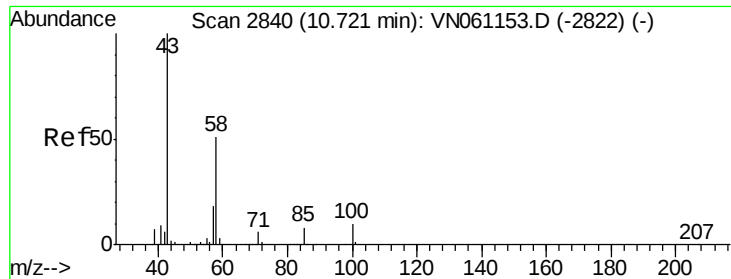
Tgt Ion: 63 Resp: 271272

Ion Ratio Lower Upper

63 100

106 25.5 20.6 30.8

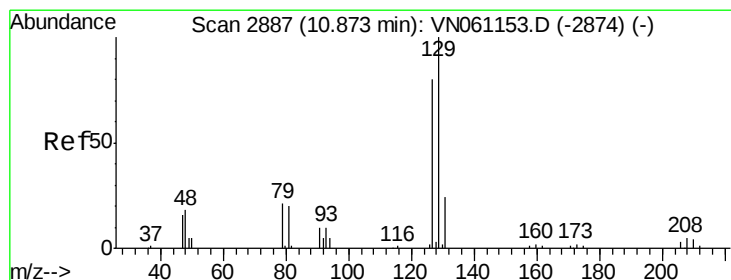
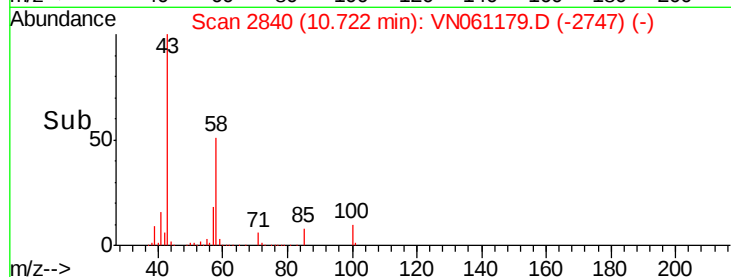
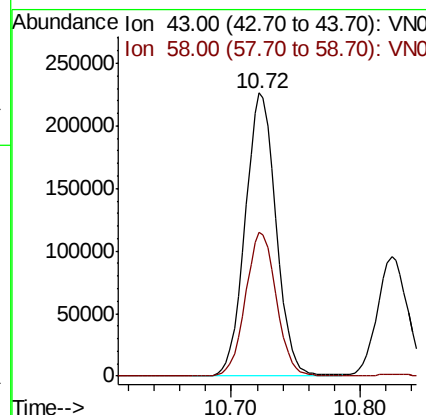
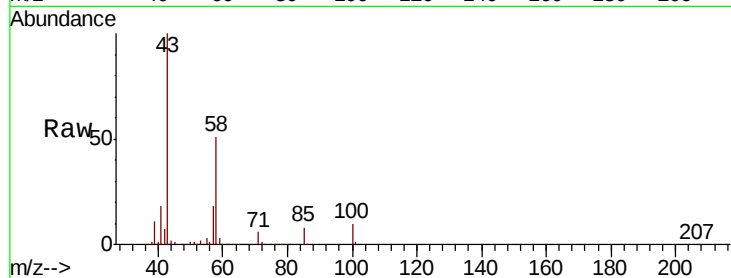




#59
2-Hexanone
Concen: 244.035 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

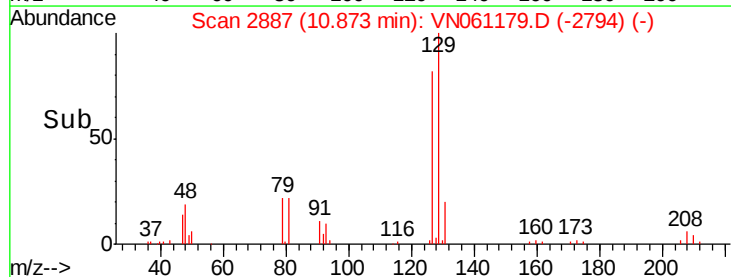
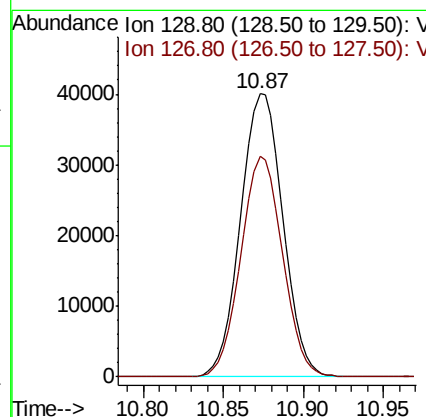
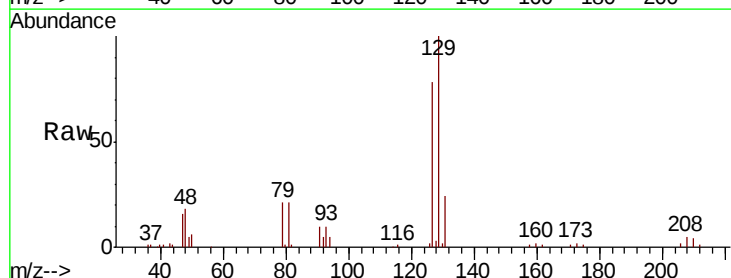
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

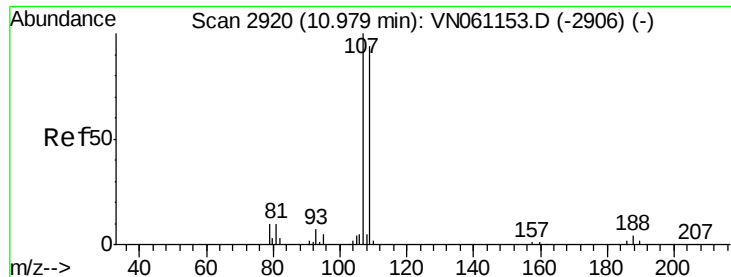
Tot Ion: 43 Resp: 376476
Ion Ratio Lower Upper
43 100
58 50.7 25.4 76.4



#60
Dibromochloromethane
Concen: 52.127 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

Tgt Ion: 129 Resp: 72356
Ion Ratio Lower Upper
129 100
127 76.6 39.3 117.8

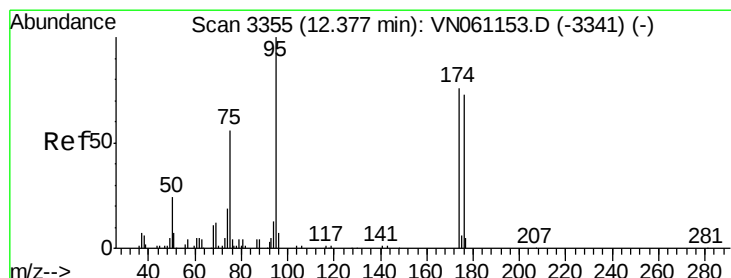
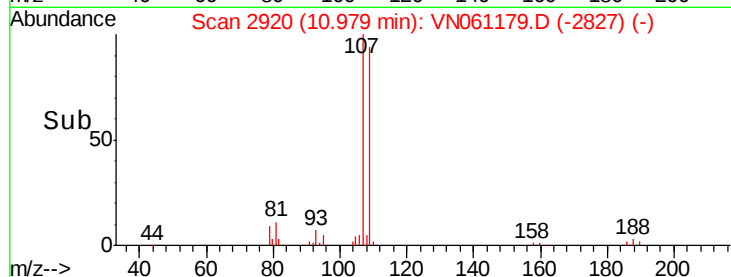
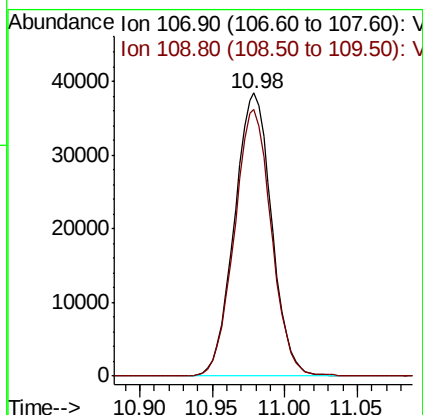
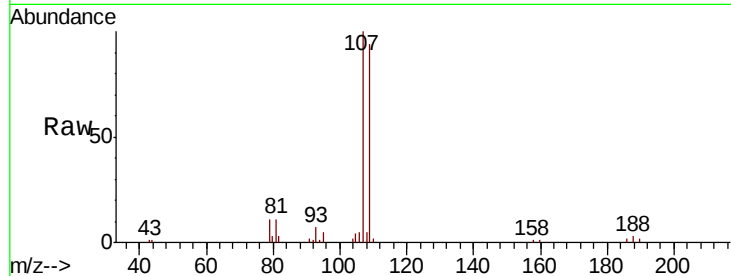




#61
 1,2-Dibromoethane
 Concen: 51.568 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

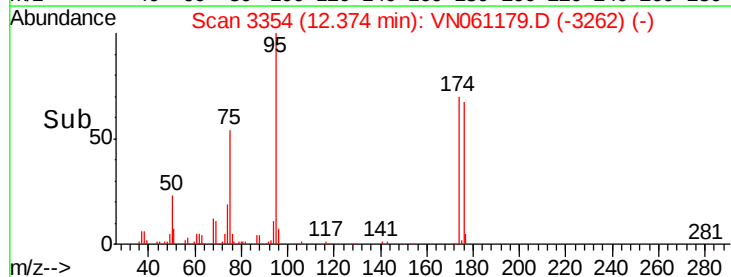
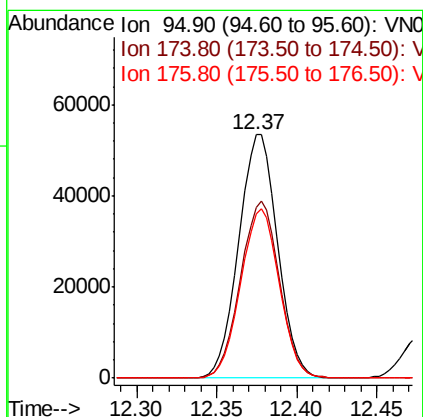
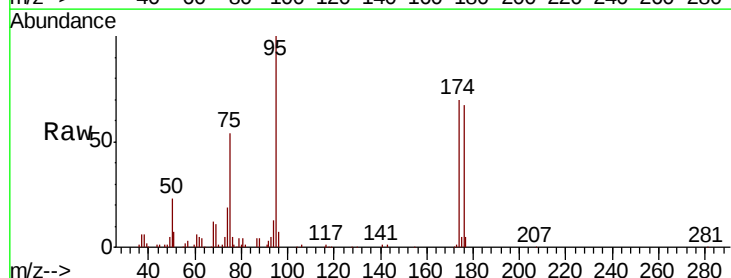
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

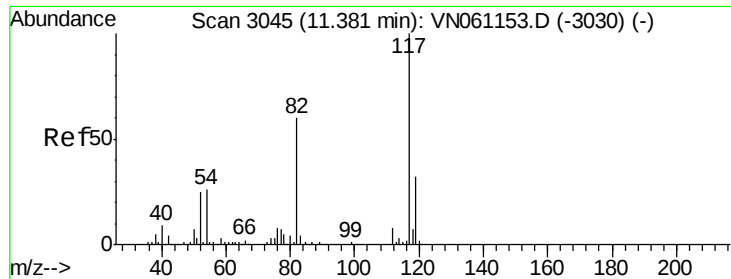
Tot Ion:107 Resp: 68502
 Ion Ratio Lower Upper
 107 100
 109 93.8 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 52.889 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

Tgt Ion: 95 Resp: 88742
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 149.4
 176 69.1 0.0 144.8

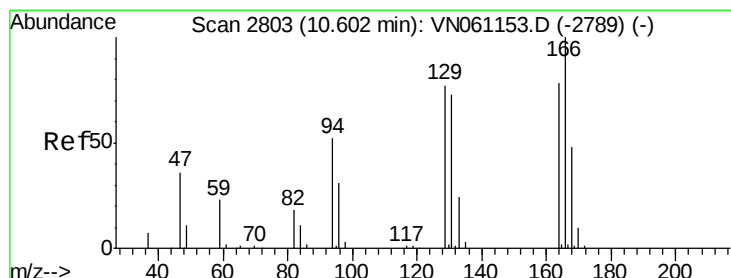
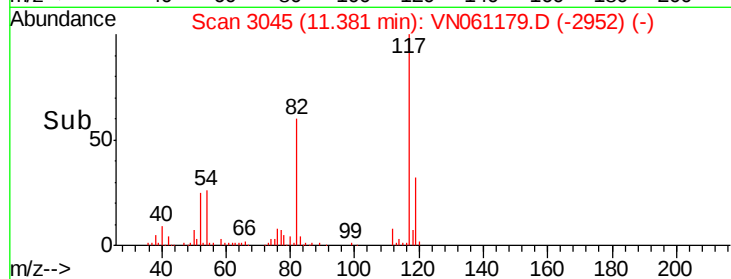
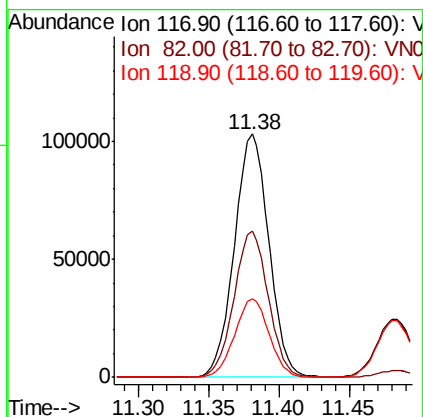
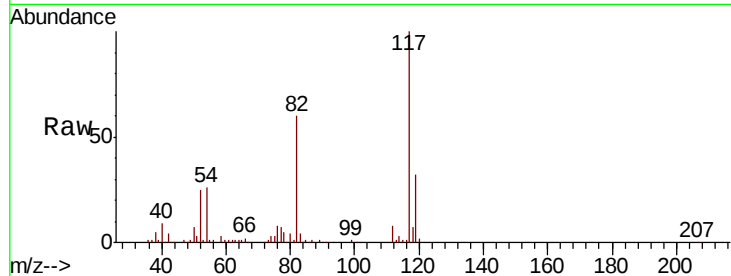




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

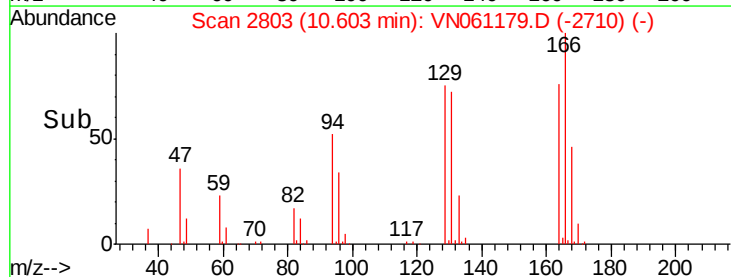
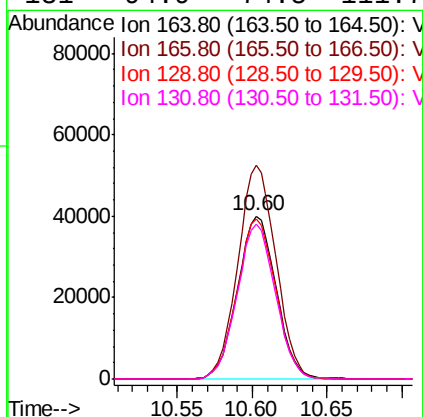
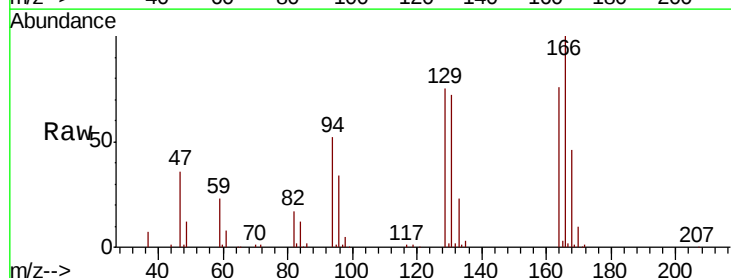
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

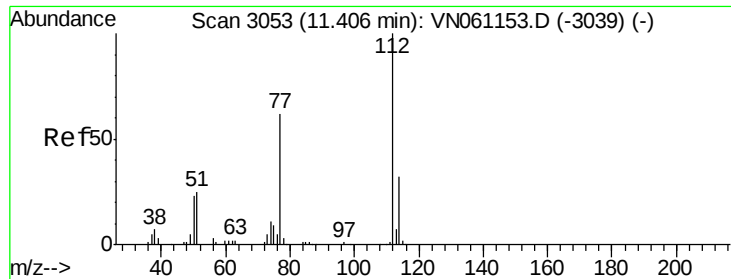
Tot Ion:117 Resp: 177246
Ion Ratio Lower Upper
117 100
82 60.1 47.8 71.8
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 46.808 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

Tgt Ion:164 Resp: 71857
Ion Ratio Lower Upper
164 100
166 131.2 102.0 153.0
129 98.5 78.2 117.2
131 94.9 74.5 111.7

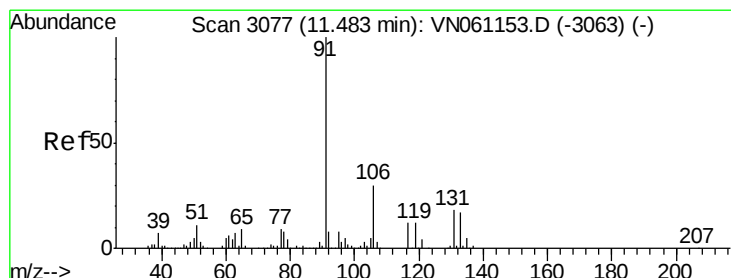
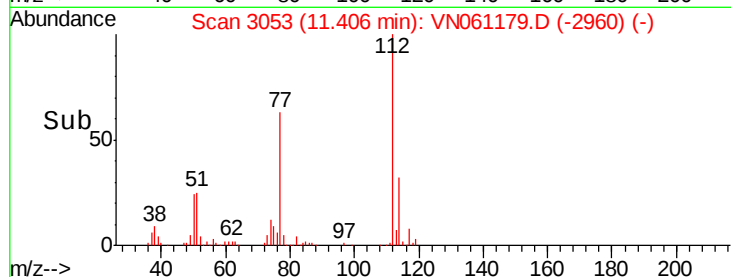
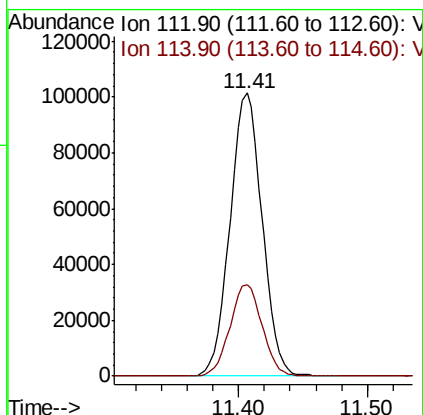
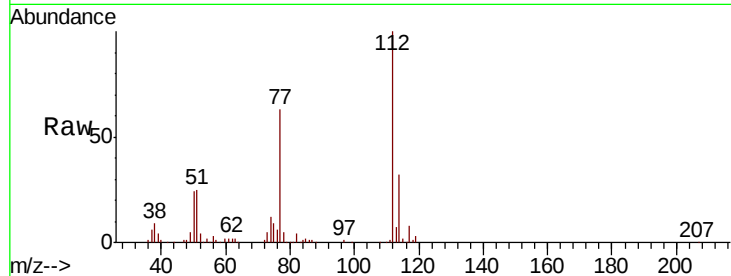




#65
Chlorobenzene
Concen: 49.778 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

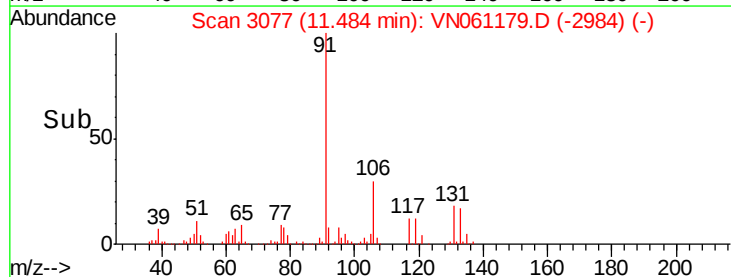
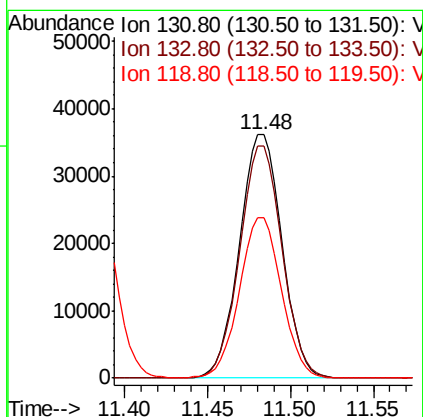
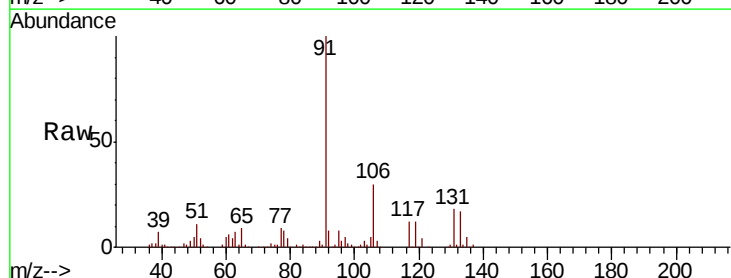
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

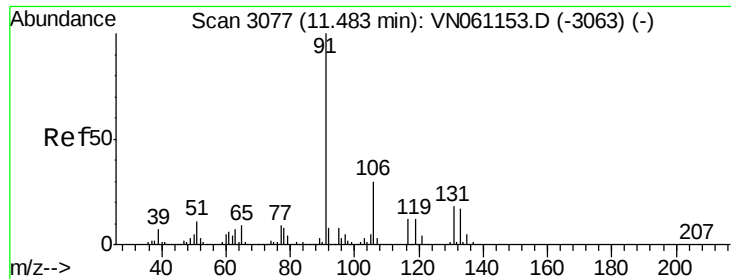
Tot Ion:112 Resp: 175020
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.166 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

Tgt Ion:131 Resp: 64387
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.2
119 65.2 32.6 97.8





#67

Ethyl Benzene

Concen: 51.162 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

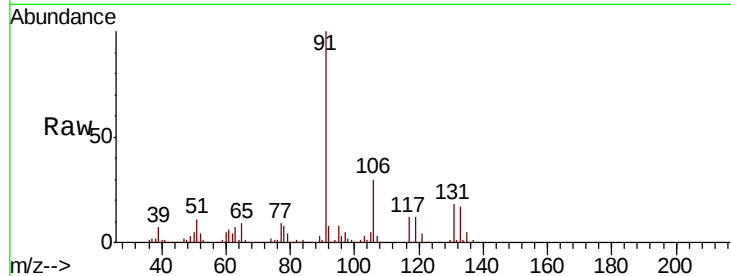
VSTDCCC050EC

Tot Ion: 91 Resp: 336743

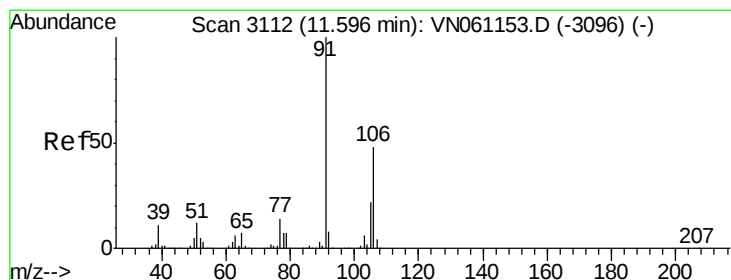
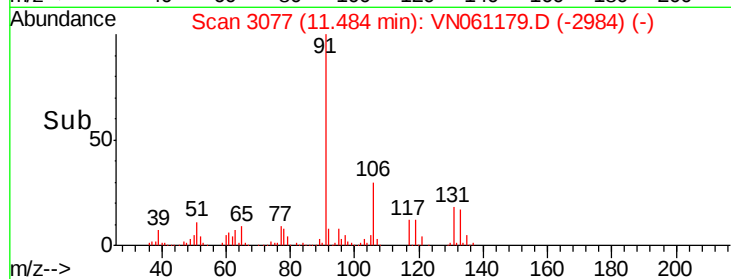
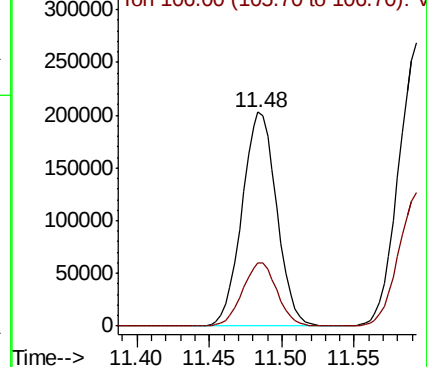
Ion Ratio Lower Upper

91 100

106 29.6 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN061179.D (-2984) (-)



#68

m/p-Xylenes

Concen: 102.411 ug/l

RT: 11.60 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VN061179.D

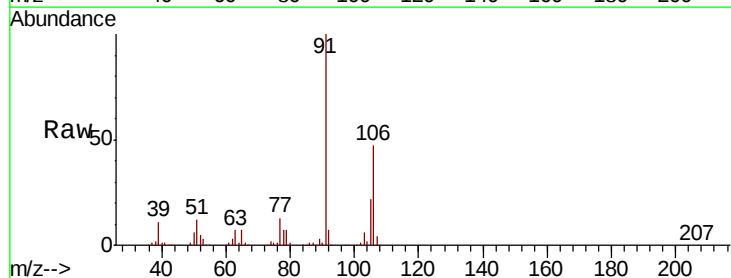
Acq: 28 Apr 2020 21:27

Tgt Ion:106 Resp: 246724

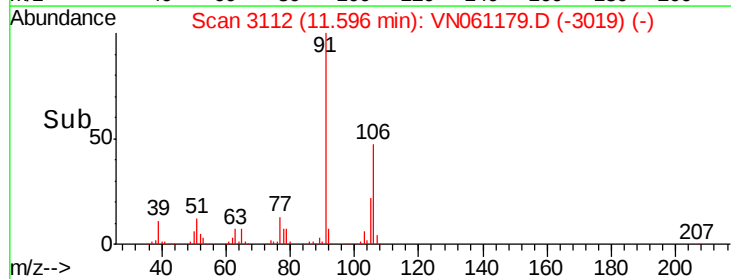
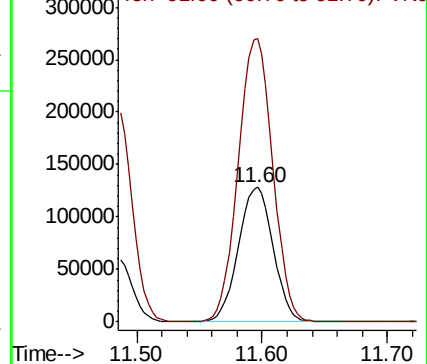
Ion Ratio Lower Upper

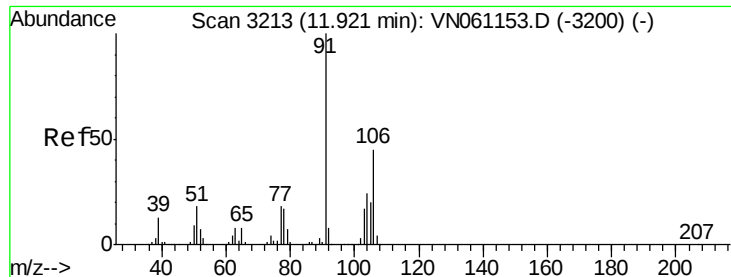
106 100

91 209.5 166.4 249.6



Abundance Ion 106.00 (105.70 to 106.70): VN061179.D (-3019) (-)

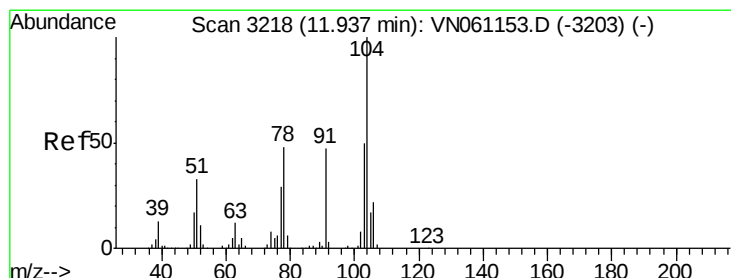
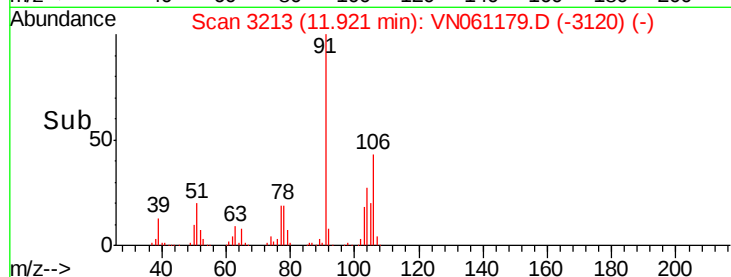
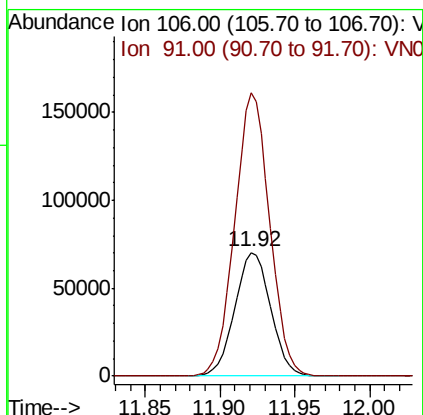
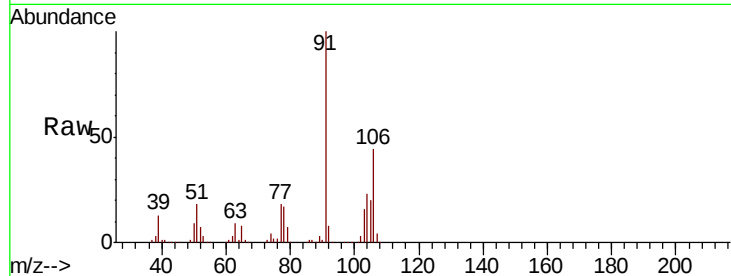




#69
o-Xylene
Concen: 50.635 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

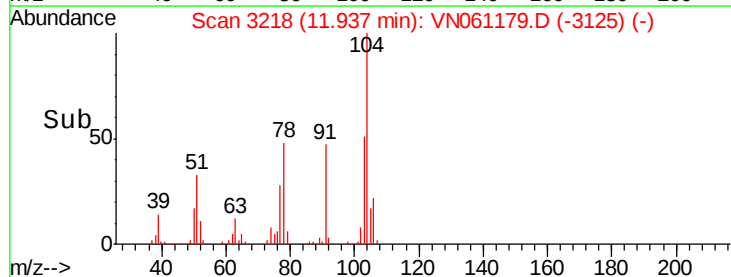
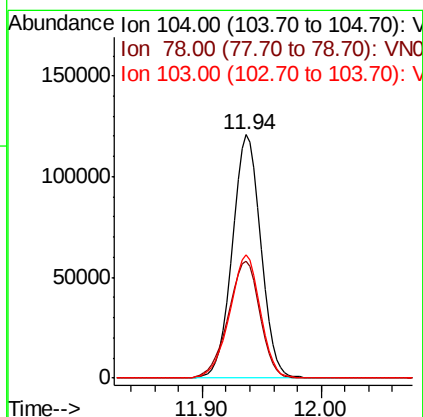
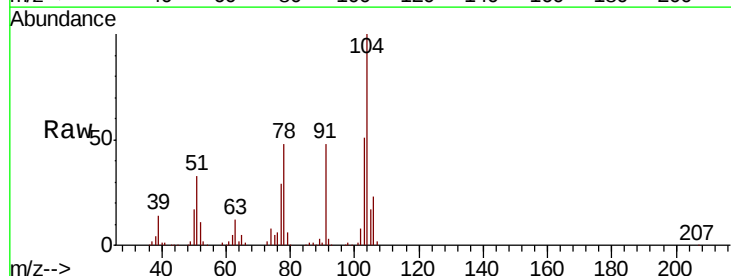
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

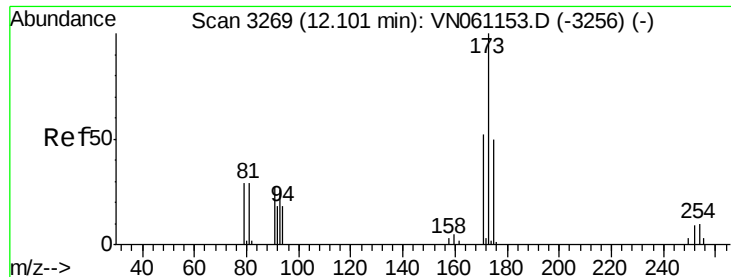
Tot Ion:106 Resp: 117178
Ion Ratio Lower Upper
106 100
91 223.2 109.7 329.0



#70
Styrene
Concen: 51.910 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

Tgt Ion:104 Resp: 201056
Ion Ratio Lower Upper
104 100
78 53.3 42.1 63.1
103 54.3 43.3 64.9





#71

Bromoform

Concen: 52.275 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

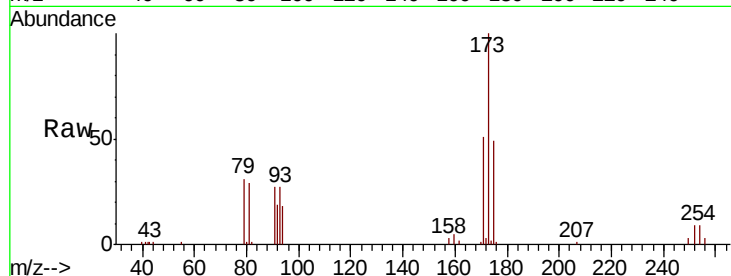
Tot Ion:173 Resp: 48347

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.4

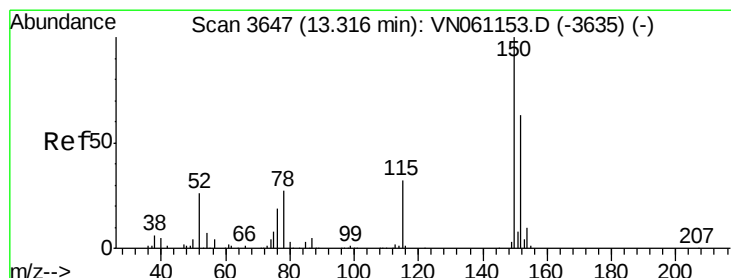
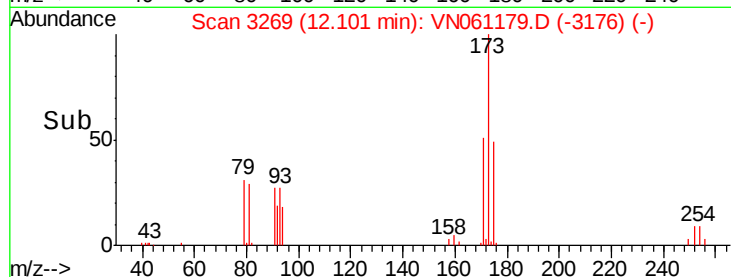
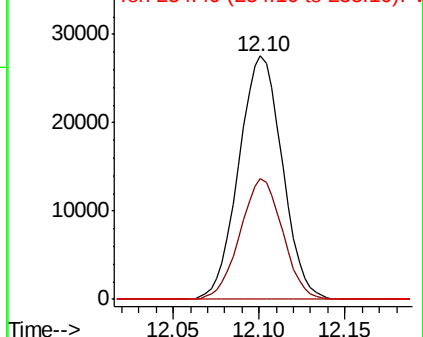
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

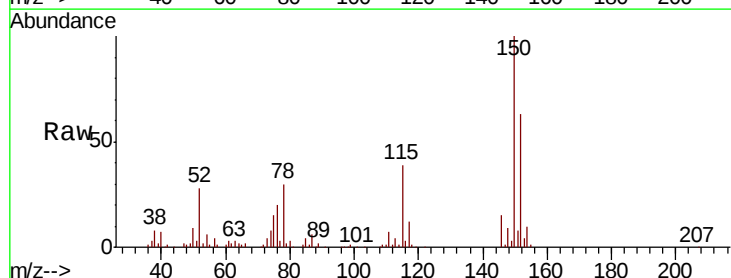
Tgt Ion:152 Resp: 86747

Ion Ratio Lower Upper

152 100

115 63.4 31.0 93.0

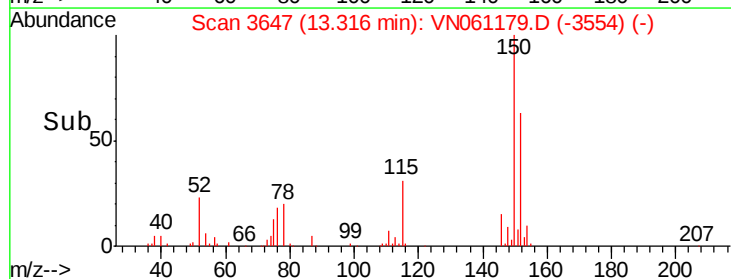
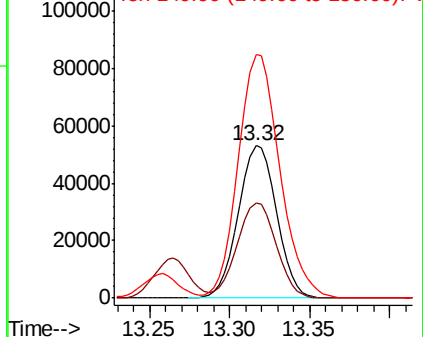
150 173.7 0.0 351.8

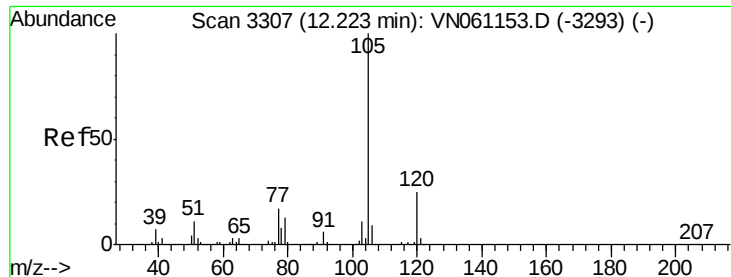


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.809 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

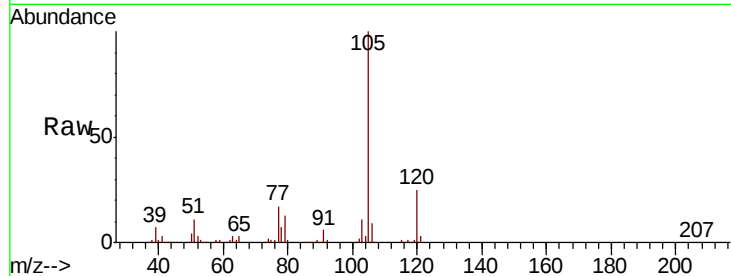
VSTDCCC050EC

Tot Ion:105 Resp: 324017

Ion Ratio Lower Upper

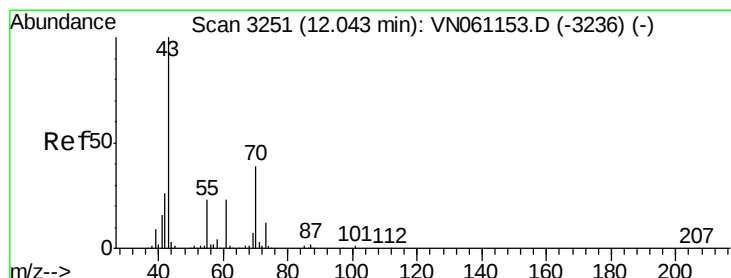
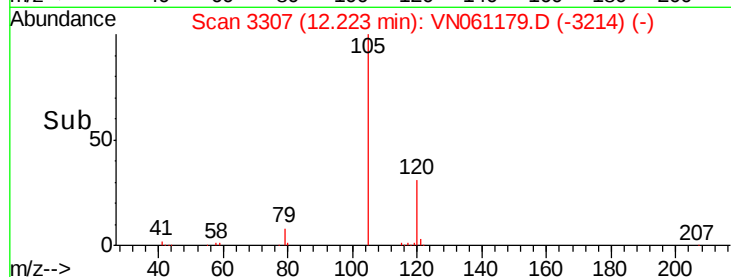
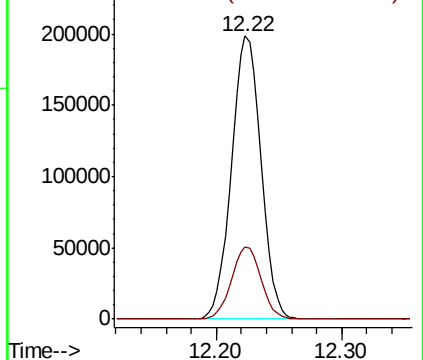
105 100

120 25.4 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.287 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Tgt Ion: 43 Resp: 162390

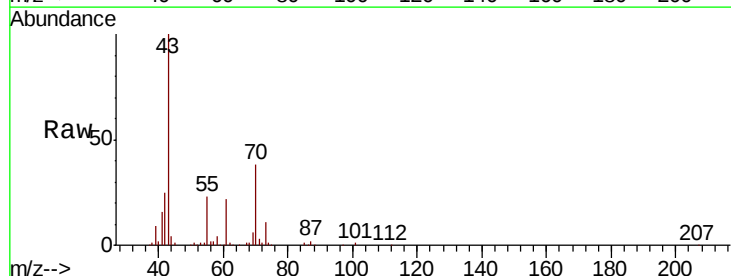
Ion Ratio Lower Upper

43 100

70 37.7 30.6 46.0

55 22.6 18.5 27.7

61 21.8 17.9 26.9

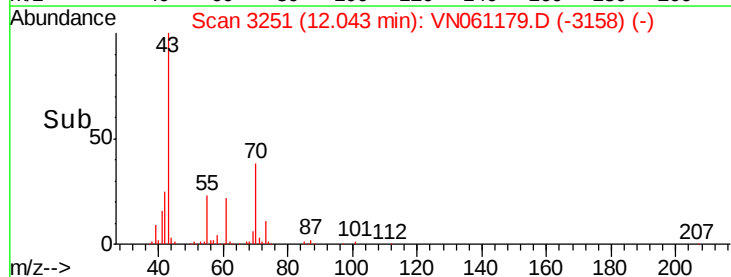
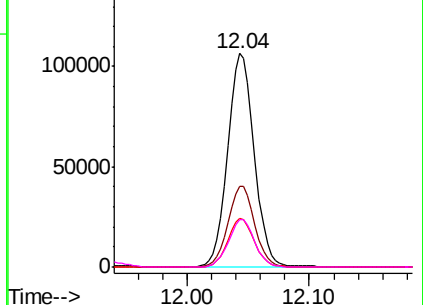


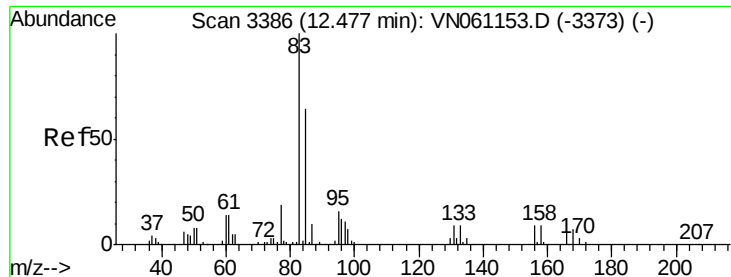
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 49.526 ug/l

RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

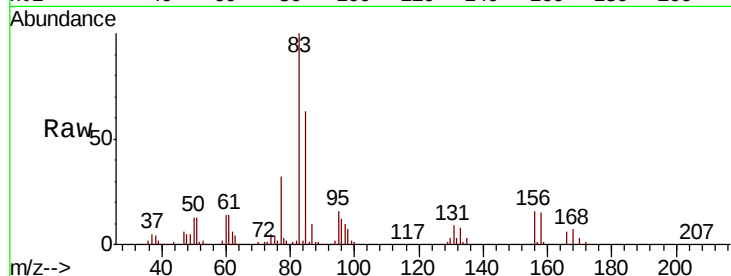
Tot Ion: 83 Resp: 98482

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

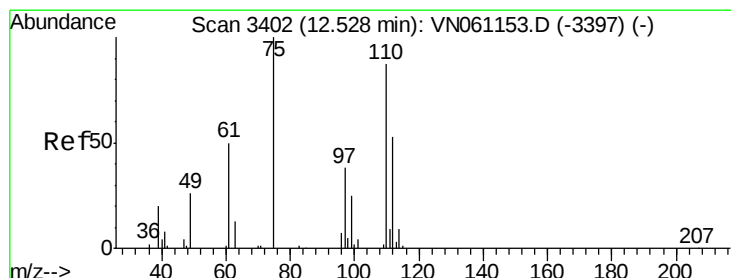
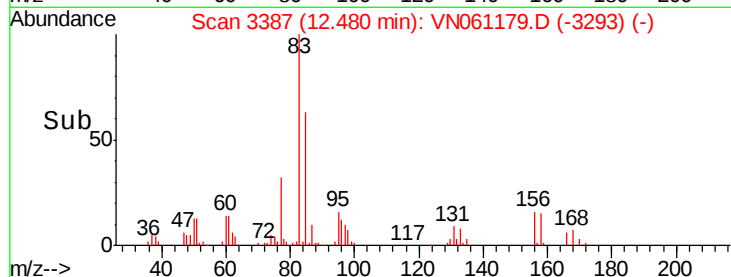
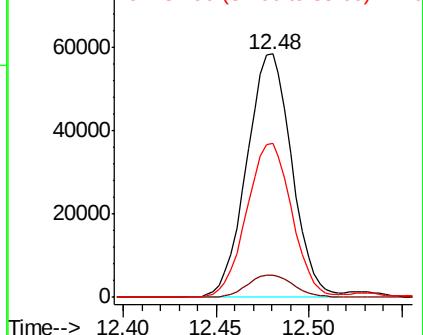
85 63.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061179.D (-3293) (-)

Ion 130.80 (130.50 to 131.50): VN061179.D (-3293) (-)

Ion 84.90 (84.60 to 85.60): VN061179.D (-3293) (-)



#76

1,2,3-Trichloropropane

Concen: 72.284 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061179.D

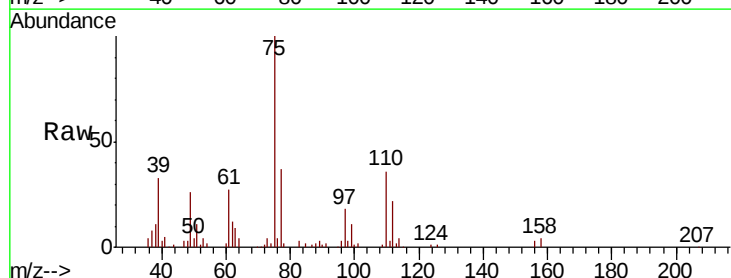
Acq: 28 Apr 2020 21:27

Tgt Ion: 75 Resp: 132198

Ion Ratio Lower Upper

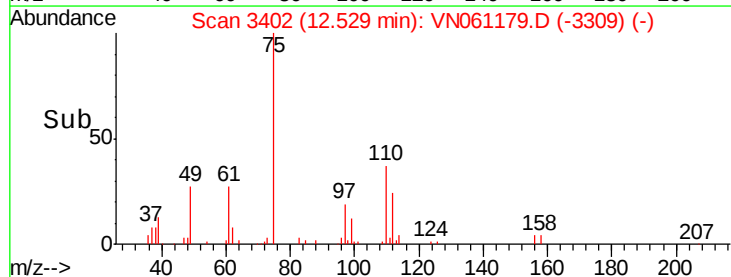
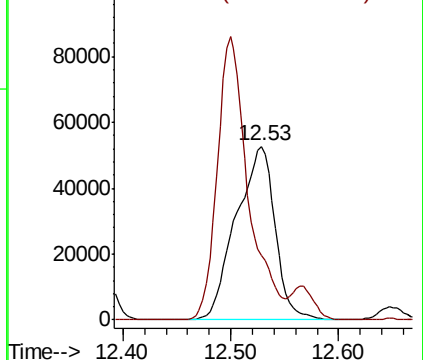
75 100

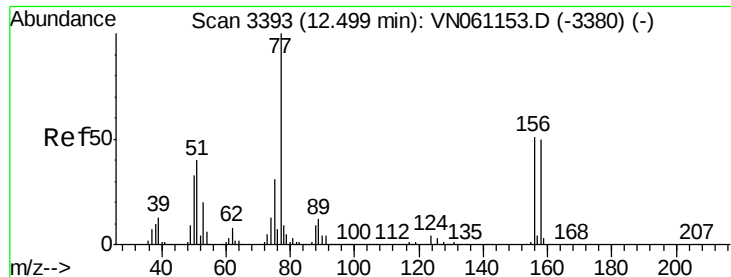
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061179.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN061179.D (-3309) (-)





#77

Bromobenzene

Concen: 49.796 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

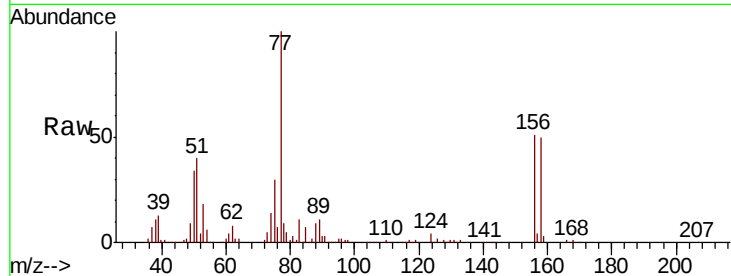
Tot Ion:156 Resp: 73307

Ion Ratio Lower Upper

156 100

77 235.2 117.4 352.2

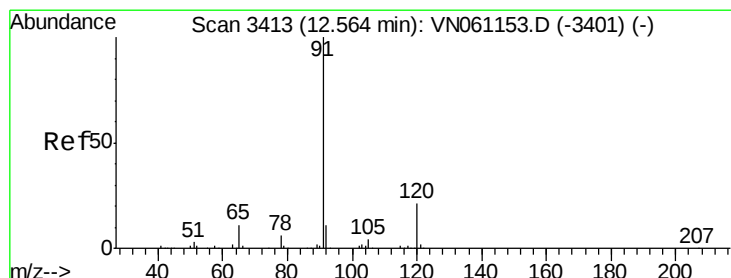
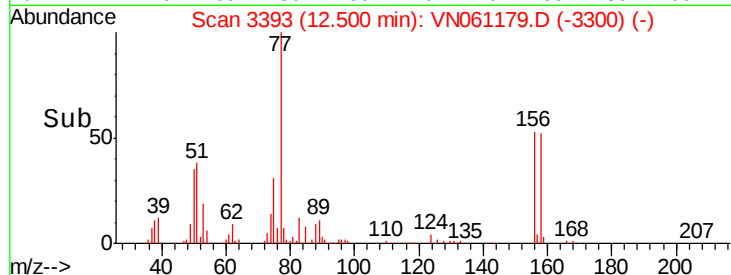
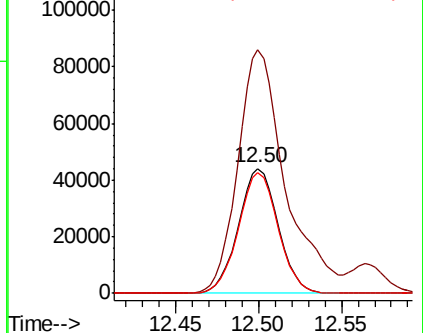
158 96.4 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.845 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061179.D

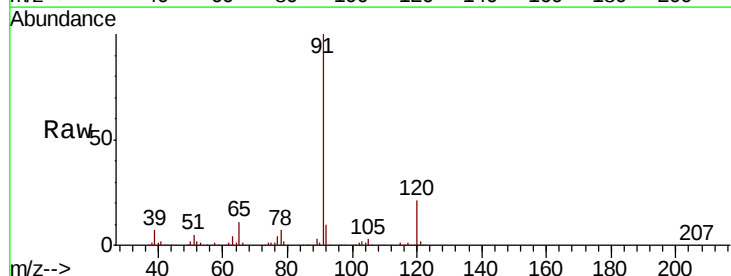
Acq: 28 Apr 2020 21:27

Tgt Ion: 91 Resp: 384594

Ion Ratio Lower Upper

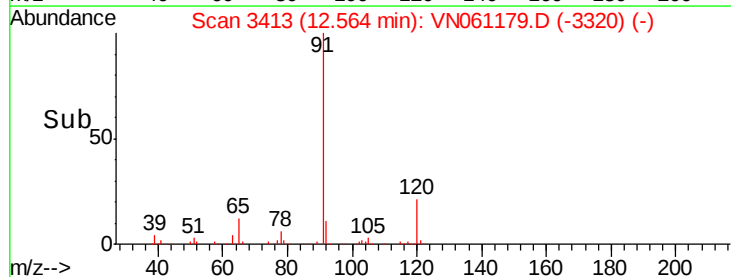
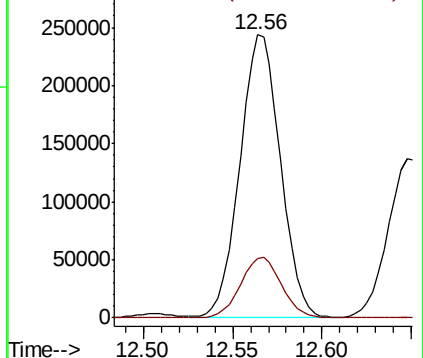
91 100

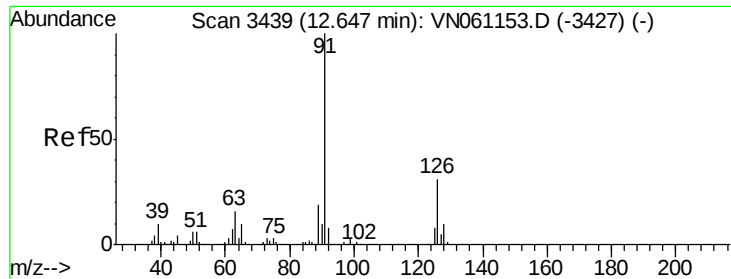
120 21.6 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.278 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

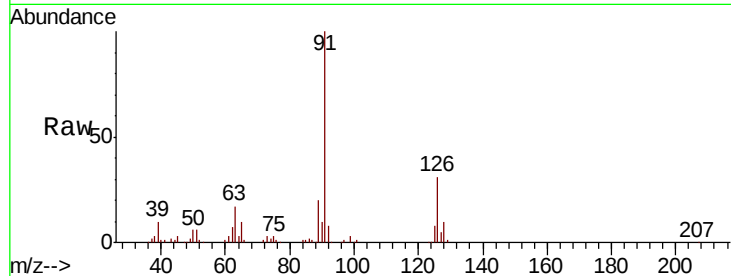
VSTDCCC050EC

Tot Ion: 91 Resp: 223533

Ion Ratio Lower Upper

91 100

126 31.7 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)

250000

200000

150000

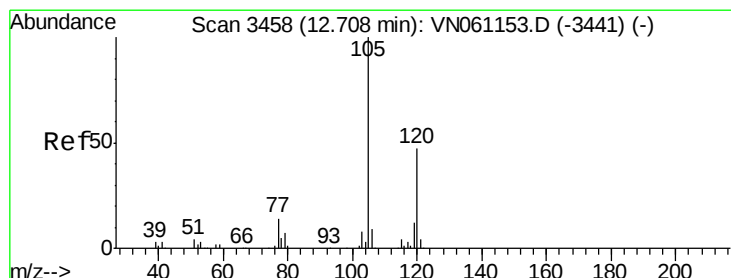
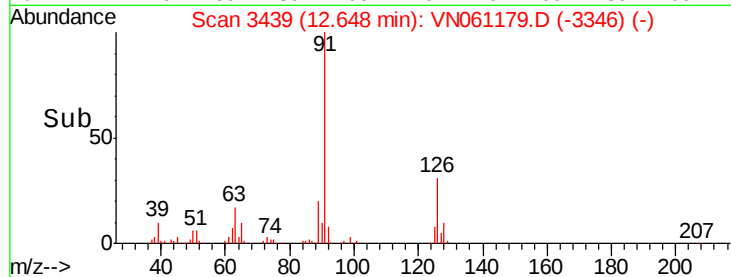
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.492 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061179.D

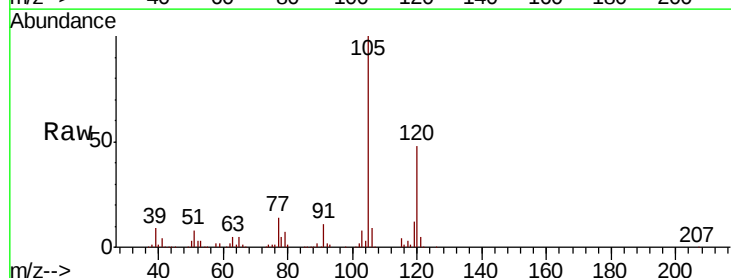
Acq: 28 Apr 2020 21:27

Tgt Ion: 105 Resp: 271784

Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)

Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)

200000

150000

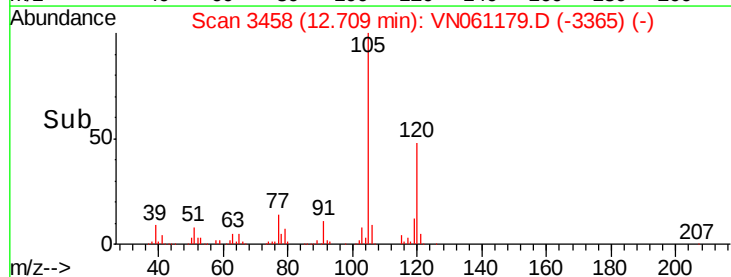
100000

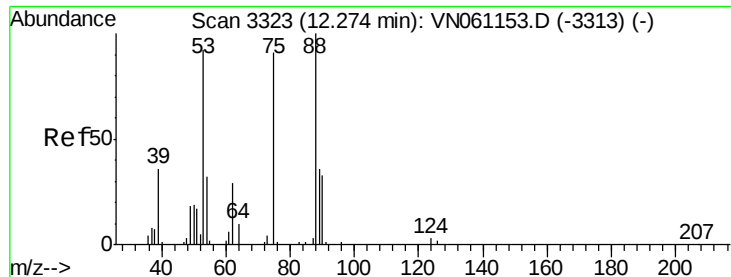
50000

0

12.70 12.71 12.72

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.412 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

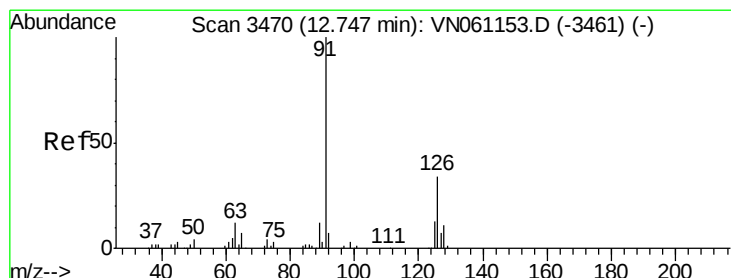
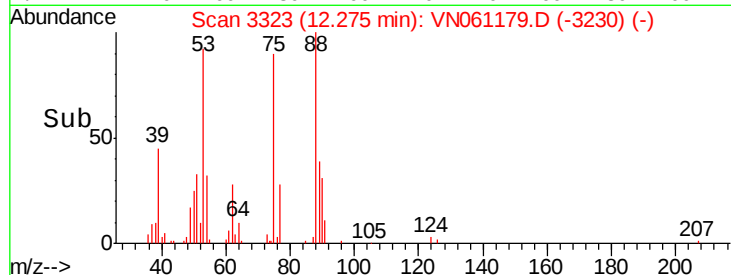
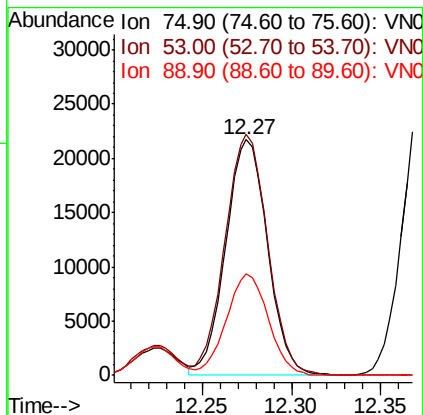
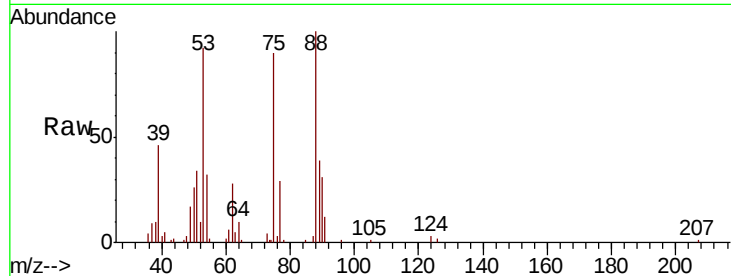
Tot Ion: 75 Resp: 35585

Ion Ratio Lower Upper

75 100

53 104.2 84.1 126.1

89 43.1 35.2 52.8



#82

4-Chlorotoluene

Concen: 50.582 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061179.D

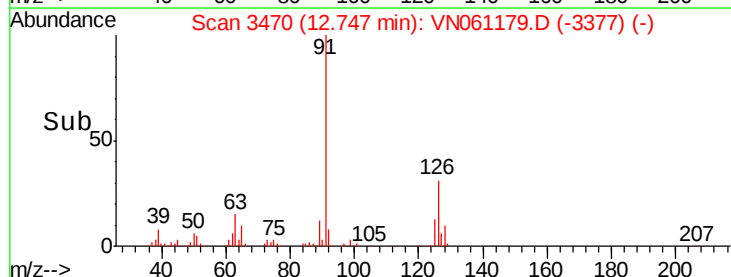
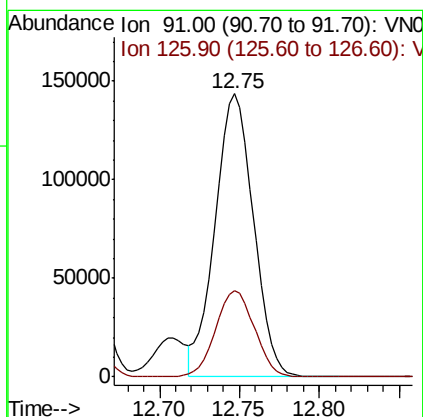
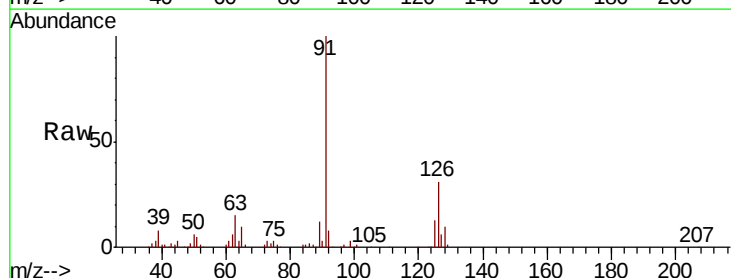
Acq: 28 Apr 2020 21:27

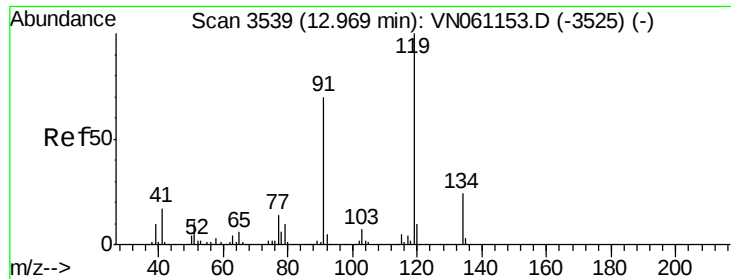
Tgt Ion: 91 Resp: 237022

Ion Ratio Lower Upper

91 100

126 30.8 15.7 47.1

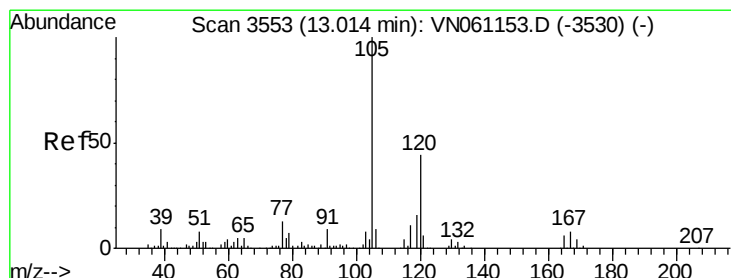
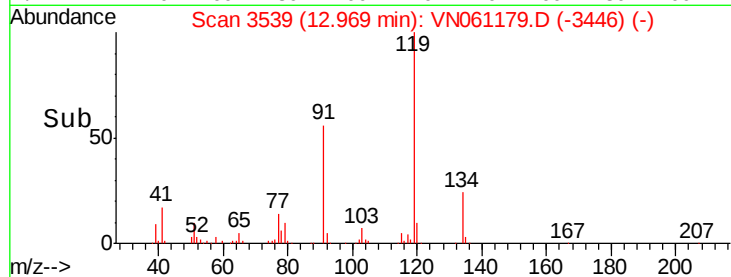
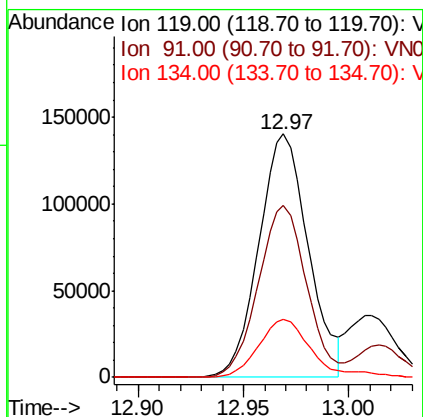
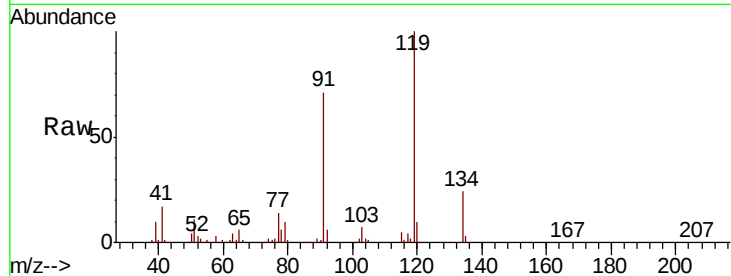




#83
 tert-Butylbenzene
 Concen: 51.467 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

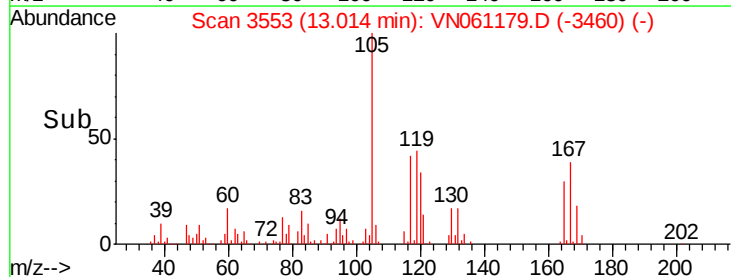
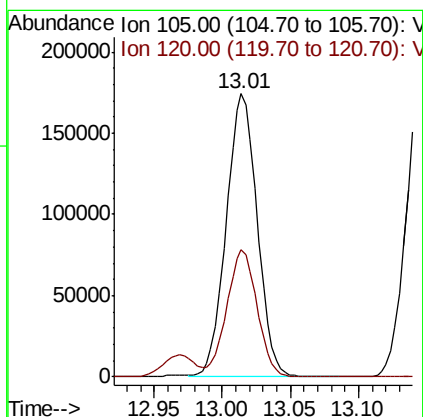
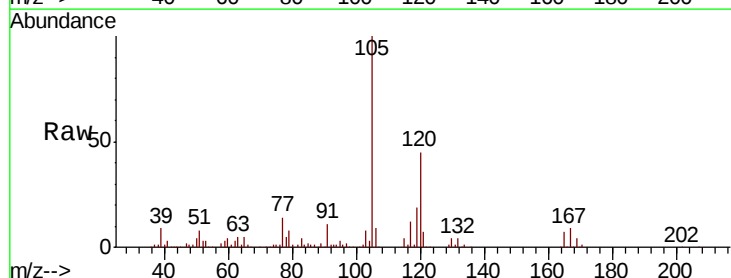
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

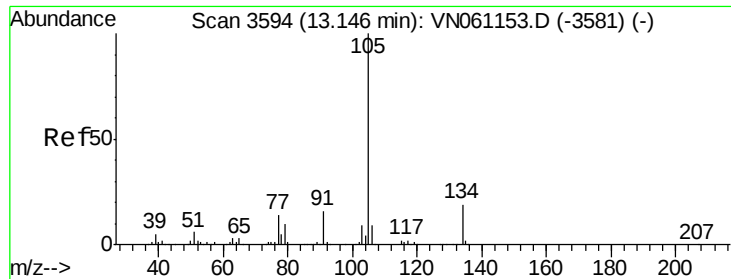
Tot Ion:119 Resp: 229056
 Ion Ratio Lower Upper
 119 100
 91 69.5 34.8 104.4
 134 25.6 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 50.522 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

Tgt Ion:105 Resp: 274732
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.553 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

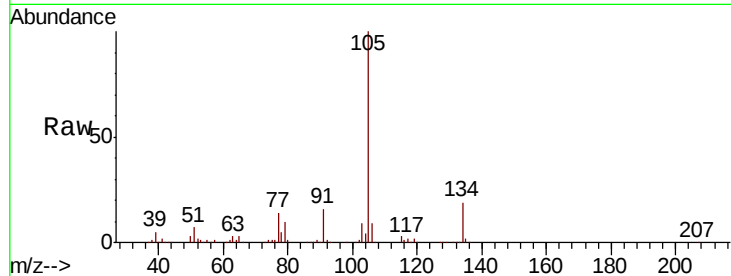
VSTDCCC050EC

Tot Ion:105 Resp: 312814

Ion Ratio Lower Upper

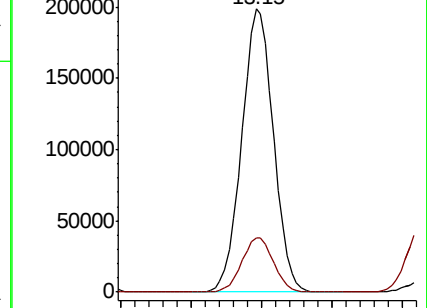
105 100

134 19.2 9.6 28.8

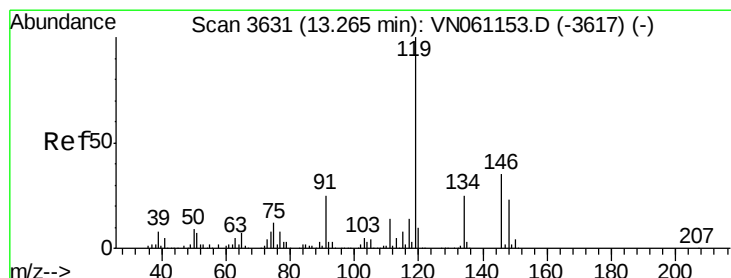
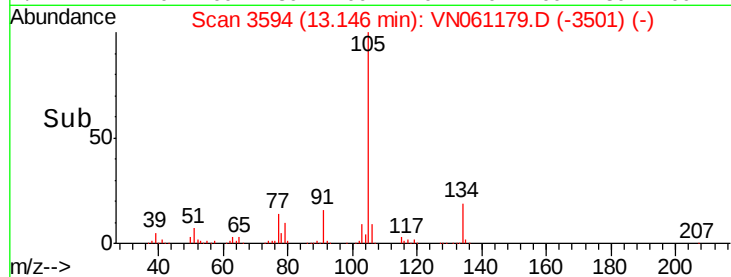


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 51.289 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

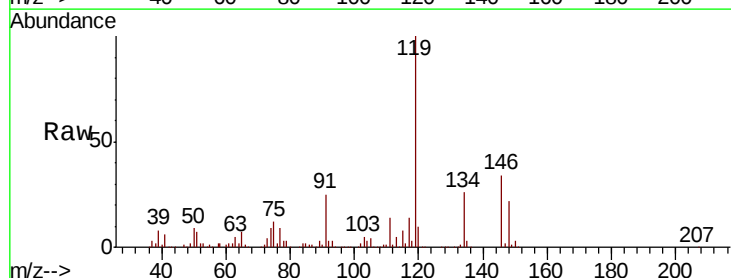
Tgt Ion:119 Resp: 280399

Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.6

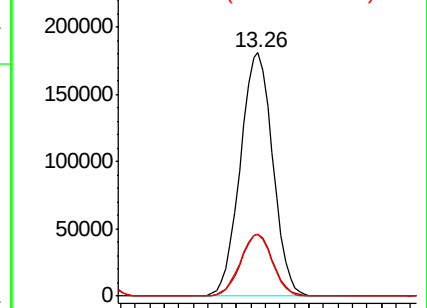
91 25.3 12.7 38.0



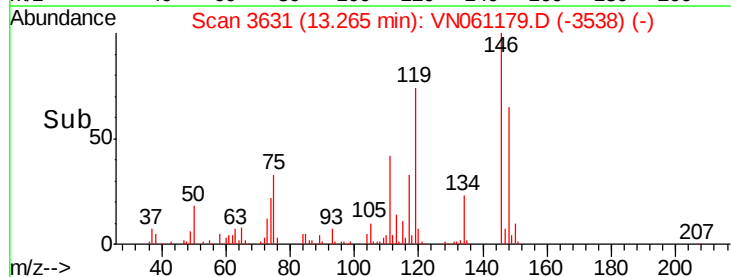
Abundance Ion 119.00 (118.70 to 119.70): V

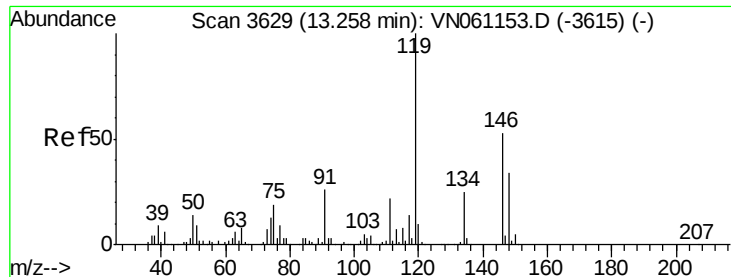
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time--> 13.20 13.25 13.30 13.35

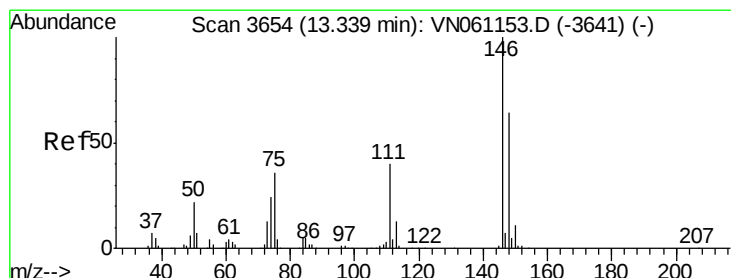
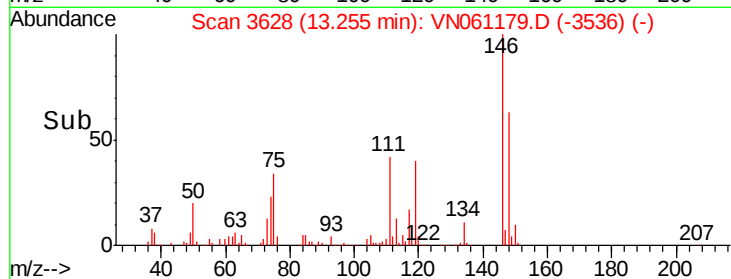
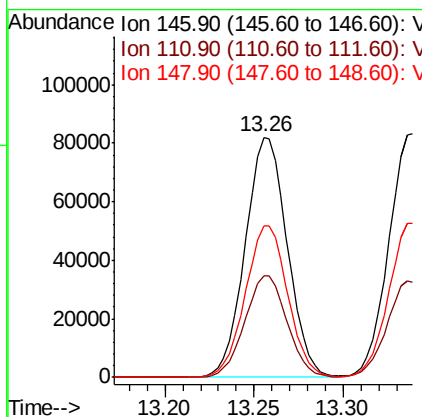
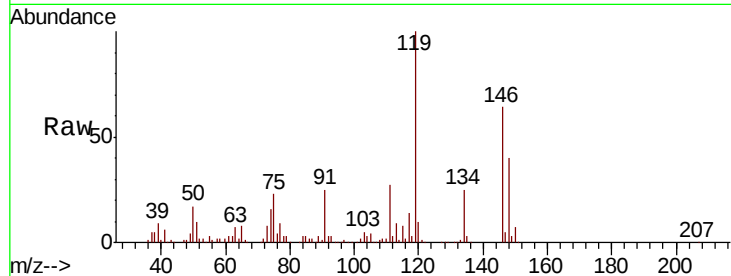




#87
 1,3-Dichlorobenzene
 Concen: 49.938 ug/l
 RT: 13.26 min Scan# 3628
 Delta R.T. -0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

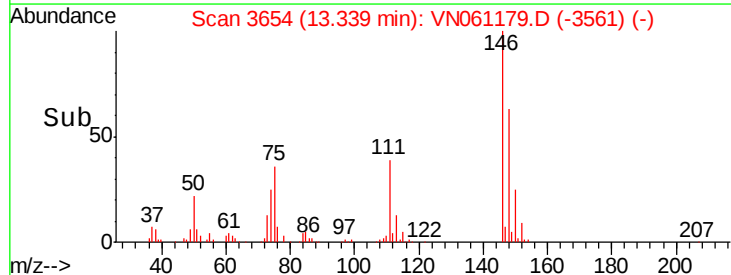
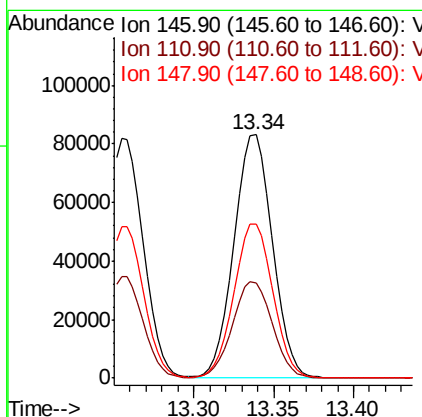
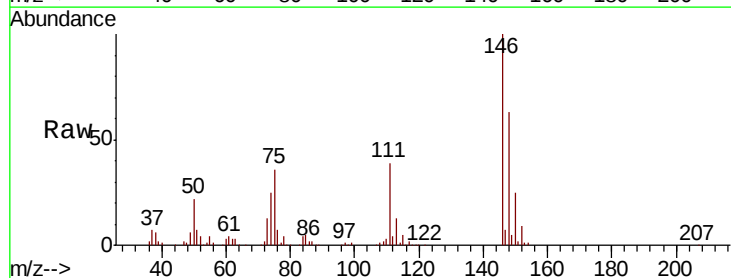
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

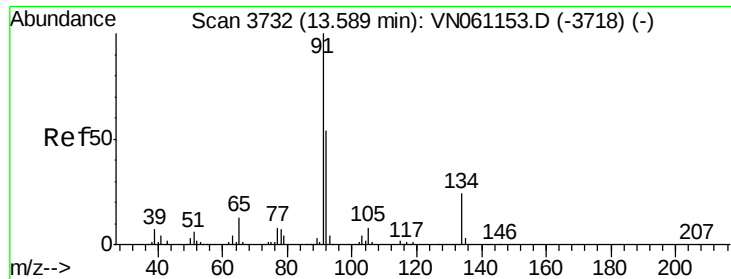
Tot Ion:146 Resp: 135336
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.7 62.1
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.399 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

Tgt Ion:146 Resp: 136785
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.3
 148 63.9 31.9 95.7

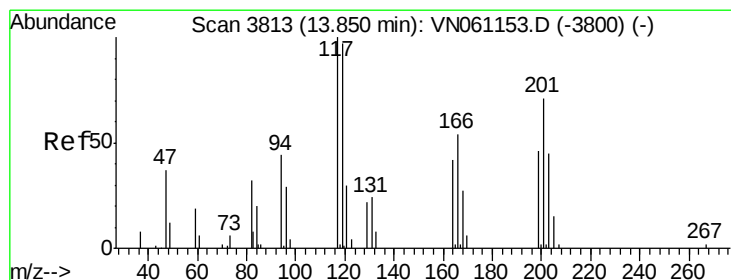
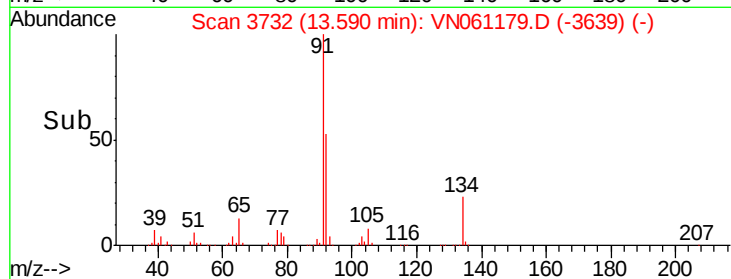
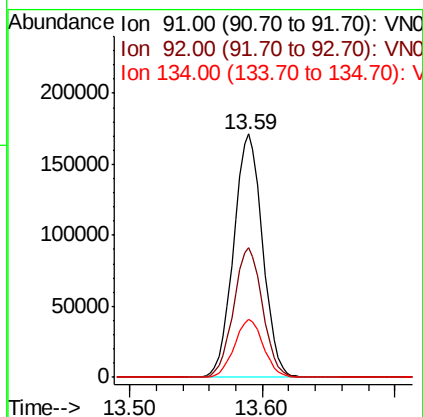
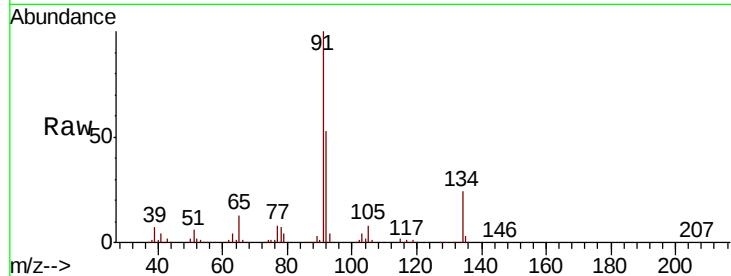




#89
n-Butylbenzene
Concen: 51.748 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

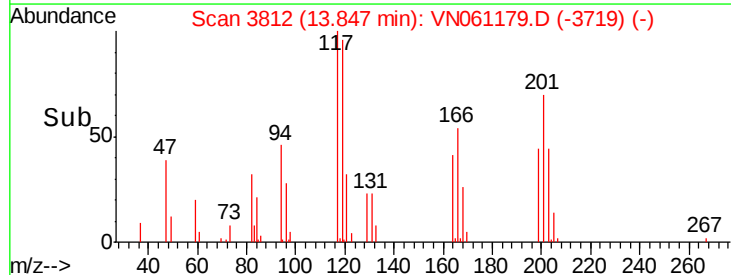
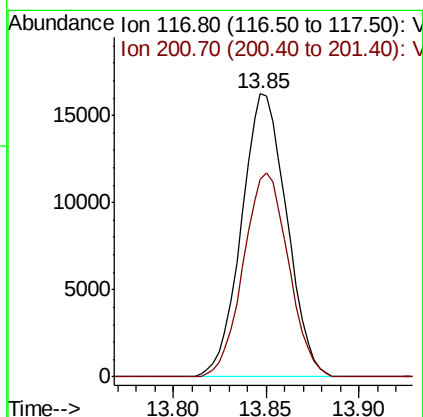
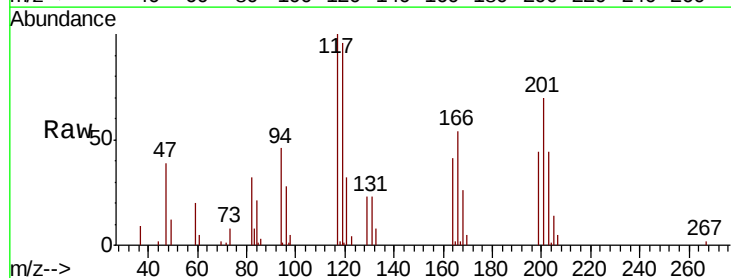
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

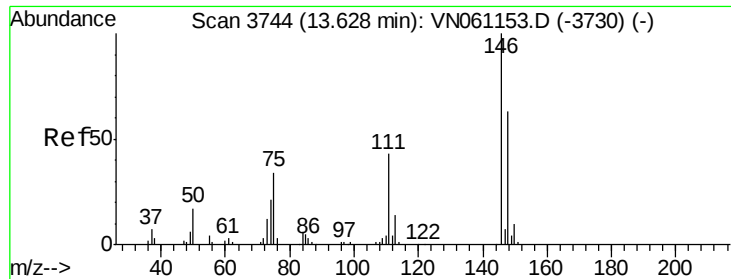
Tot Ion: 91 Resp: 259353
Ion Ratio Lower Upper
91 100
92 53.1 26.8 80.3
134 23.6 11.9 35.5



#90
Hexachloroethane
Concen: 48.444 ug/l
RT: 13.85 min Scan# 3812
Delta R.T. -0.00 min
Lab File: VN061179.D
Acq: 28 Apr 2020 21:27

Tgt Ion: 117 Resp: 27465
Ion Ratio Lower Upper
117 100
201 71.8 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 50.237 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

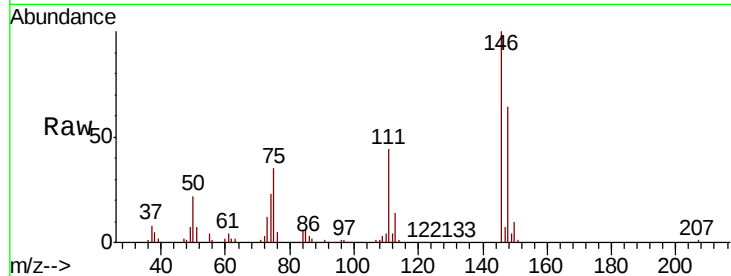
Tot Ion:146 Resp: 130542

Ion Ratio Lower Upper

146 100

111 43.0 21.8 65.3

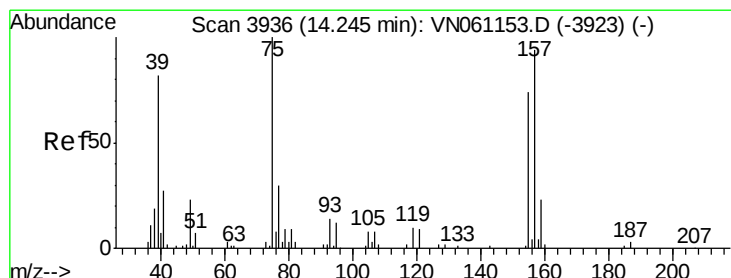
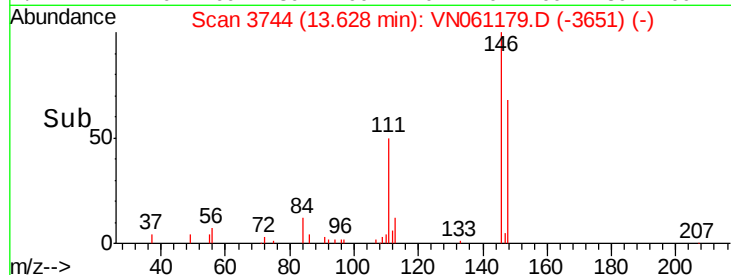
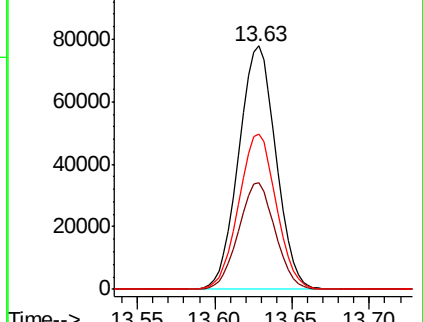
148 64.3 31.6 95.0



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: 49.515 ug/l

RT: 14.25 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

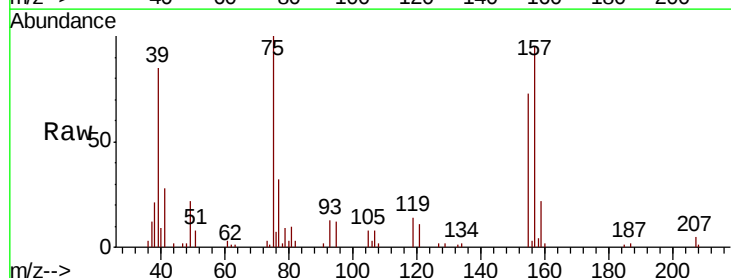
Tgt Ion: 75 Resp: 20795

Ion Ratio Lower Upper

75 100

155 72.3 36.5 109.7

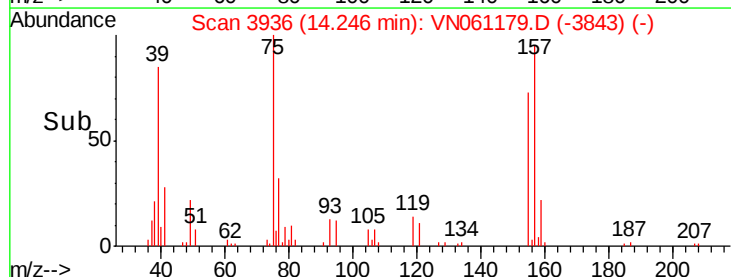
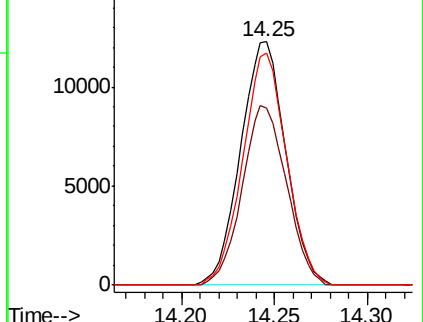
157 92.4 46.6 139.7

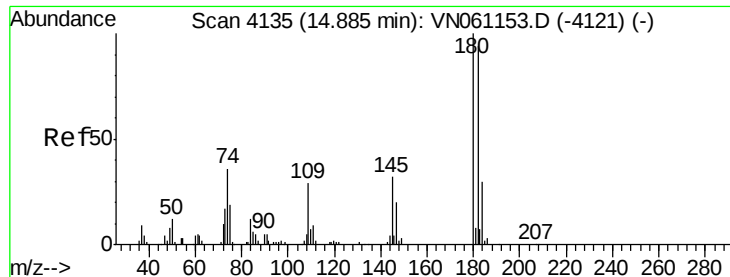


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

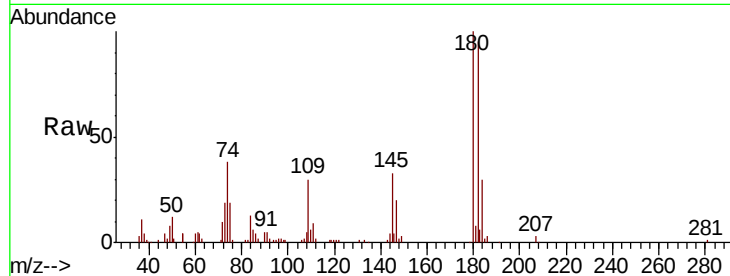




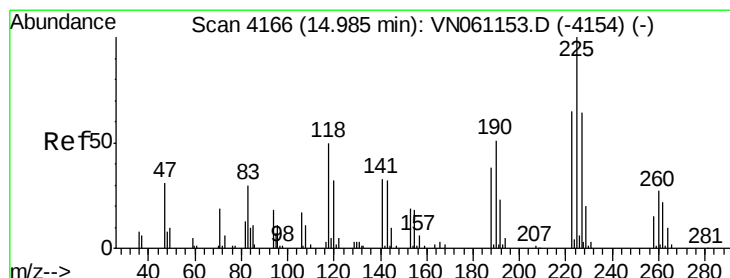
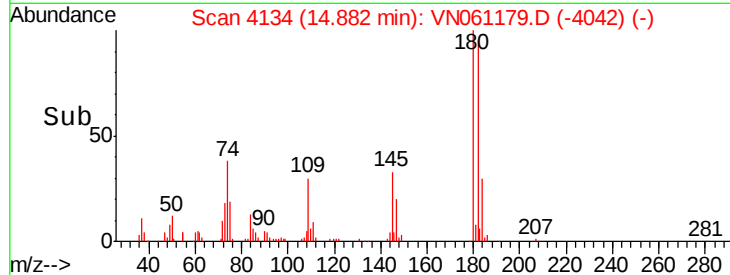
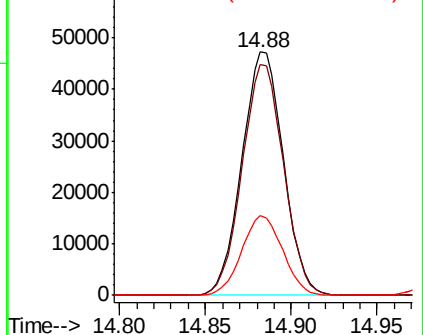
#93
 1,2,4-Trichlorobenzene
 Concen: 50.056 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 79207
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.3 141.9
 145 32.3 16.0 47.9

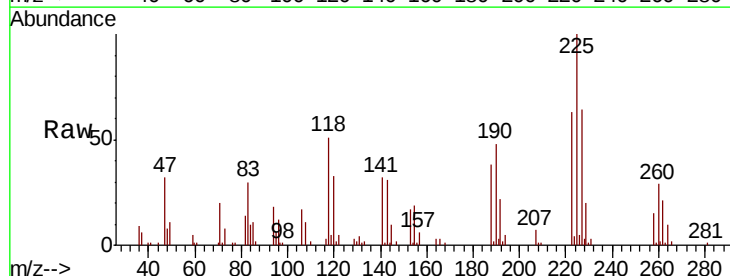


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

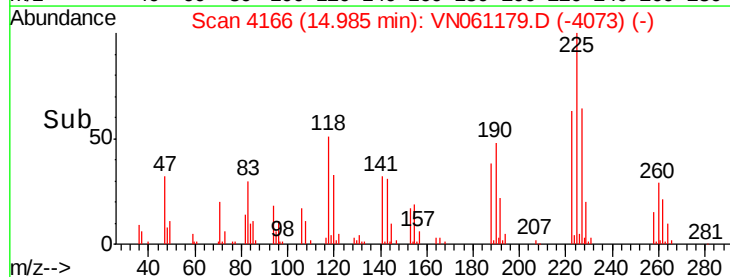
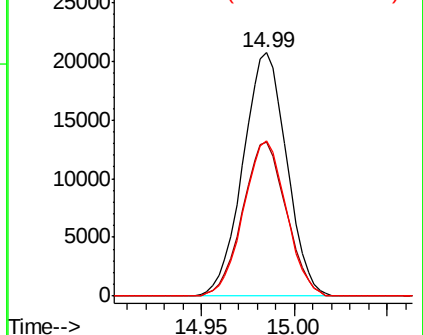


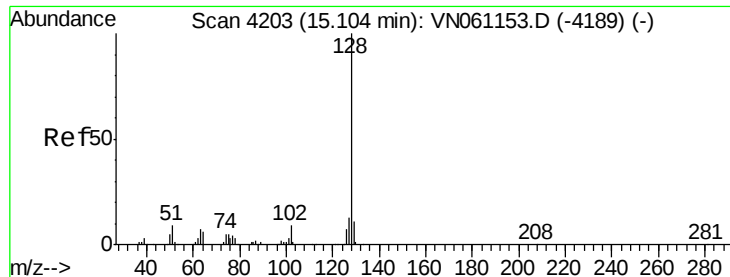
#94
 Hexachlorobutadiene
 Concen: 51.338 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061179.D
 Acq: 28 Apr 2020 21:27

Tgt Ion:225 Resp: 33938
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.4 97.0
 227 62.2 32.4 97.0



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: 48.492 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

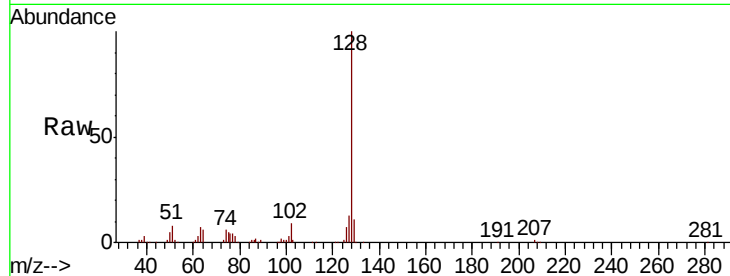
Tot Ion:128 Resp: 249892

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 8.7 13.1

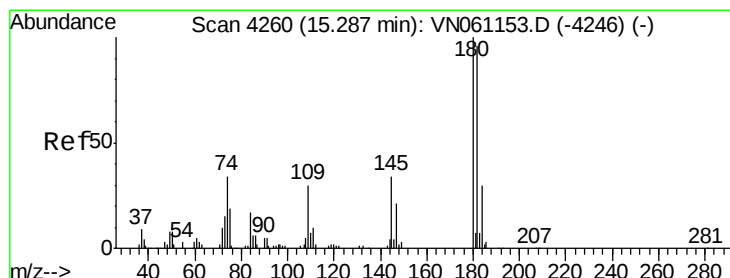
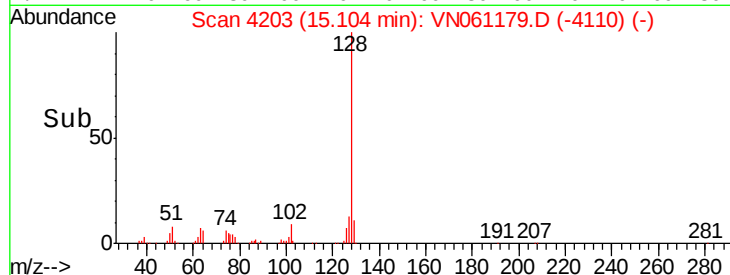
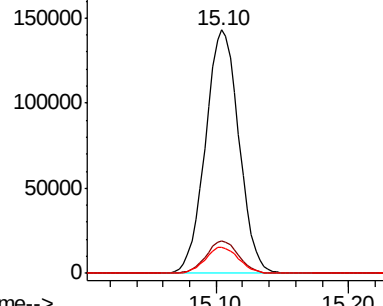


Abundance

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: 49.290 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061179.D

Acq: 28 Apr 2020 21:27

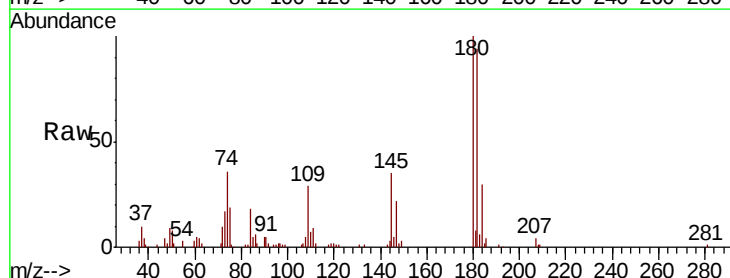
Tgt Ion:180 Resp: 77004

Ion Ratio Lower Upper

180 100

182 94.0 47.5 142.5

145 34.5 16.9 50.7



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

