

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028250.D
 Acq On : 21 Apr 2022 18:42
 Operator : JC/MD
 Sample : N2459-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31579

Quant Time: Apr 22 06:17:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	422318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	721833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	684466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	351348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	281997	51.211	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.420%	
35) Dibromofluoromethane	5.391	113	262487	51.853	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.700%	
50) Toluene-d8	8.653	98	962186	49.488	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.980%	
62) 4-Bromofluorobenzene	11.085	95	366327	49.277	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.560%	
Target Compounds						Qvalue
3) Chloromethane	1.264	50	6128	Below Cal	#	70
5) Bromomethane	1.617	94	747	Below Cal		95
6) Chloroethane	1.684	64	256	Below Cal	#	54
8) Diethyl Ether	2.129	74	293	Below Cal	#	7
10) Methyl Iodide	2.452	142	511	5.332	ug/l #	84
11) Tert butyl alcohol	2.952	59	10238	Below Cal	#	72
13) Acrolein	2.215	56	18634	27.612	ug/l #	1
14) Allyl chloride	2.751	41	27276	5.008	ug/l #	11
15) Acrylonitrile	3.099	53	2107	0.939	ug/l #	34
16) Acetone	2.373	43	56220	32.211	ug/l	93
18) Methyl Acetate	2.708	43	2341	0.478	ug/l #	51
19) Methyl tert-butyl Ether	3.117	73	9065	0.670	ug/l #	1
20) Methylene Chloride	2.788	84	1095	0.268	ug/l #	40
22) Diisopropyl ether	3.763	45	10356	0.835	ug/l #	85
23) Vinyl Acetate	3.751	43	6293	0.581	ug/l #	66
25) 2-Butanone	4.562	43	29621	9.083	ug/l	97
29) Tetrahydrofuran	5.025	42	2465	1.159	ug/l	91
31) Cyclohexane	5.470	56	58690	8.748	ug/l	97
36) 1,1-Dichloropropene	5.556	75	29414	4.455	ug/l #	51
37) Ethyl Acetate	4.562	43	29621	4.421	ug/l #	65
38) Carbon Tetrachloride	5.556	117	41219	5.530	ug/l #	16
39) Methylcyclohexane	7.378	83	19446	2.334	ug/l	98
40) Benzene	6.043	78	1805137	93.391	ug/l	100
42) 1,2-Dichloroethane	6.037	62	15858	2.210	ug/l #	73
48) Methyl methacrylate	7.653	41	1686	0.337	ug/l #	70
51) 4-Methyl-2-Pentanone	8.573	43	5170	0.739	ug/l	92
52) Toluene	8.720	92	2243751	167.089	ug/l	96
53) t-1,3-Dichloropropene	8.720	75	25060	3.306	ug/l #	1
59) 2-Hexanone	9.445	43	2789	0.515	ug/l	94
67) Ethyl Benzene	10.195	91	303655	12.409	ug/l	98
68) m/p-Xylenes	10.305	106	1402364	140.809	ug/l	93
69) o-Xylene	10.646	106	766530	77.196	ug/l	94
70) Styrene	10.646	104	38942	2.421	ug/l #	1
73) Isopropylbenzene	10.963	105	24287	1.006	ug/l	100
76) 1,2,3-Trichloropropane	11.378	75	11263	1.629	ug/l #	1
78) n-propylbenzene	11.304	91	48620	1.816	ug/l #	52

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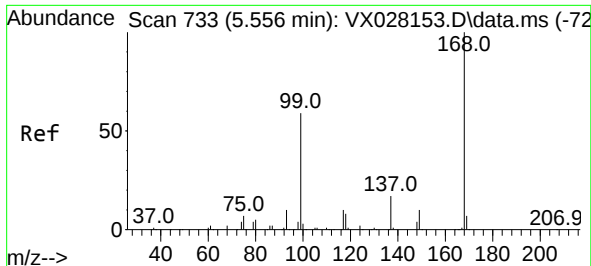
Instrument :
 MSVOA_X
 ClientSampleId :
 31579

Quant Time: Apr 22 06:17:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) 2-Chlorotoluene	11.378	91	167798	10.079	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	408337	19.920	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	180097	77.400	ug/l #	15
82) 4-Chlorotoluene	11.451	91	43971	2.293	ug/l #	45
83) tert-Butylbenzene	11.756	119	182934	8.739	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.756	105	1463368	71.814	ug/l	96
85) sec-Butylbenzene	11.756	105	1463368	57.946	ug/l #	56
86) p-Isopropyltoluene	11.969	119	33180	1.523	ug/l	95
89) n-Butylbenzene	12.323	91	44990	2.515	ug/l #	1
90) Hexachloroethane	12.530	117	10634	4.428	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.963	75	1106	0.635	ug/l #	1
95) Naphthalene	13.780	128	247646	10.647	ug/l	99

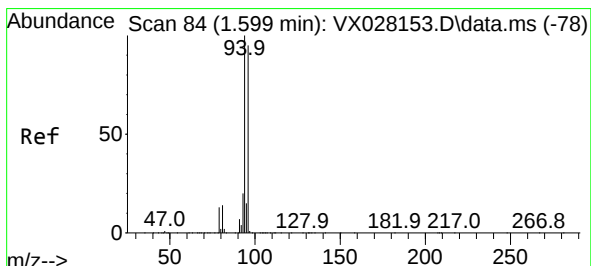
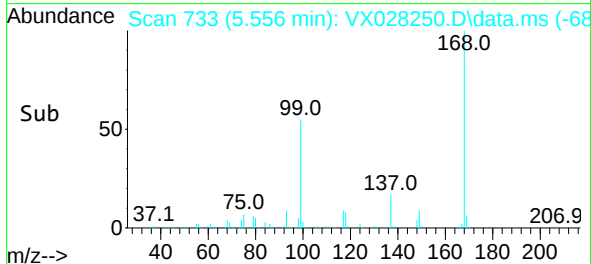
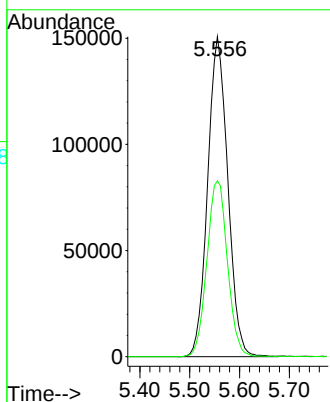
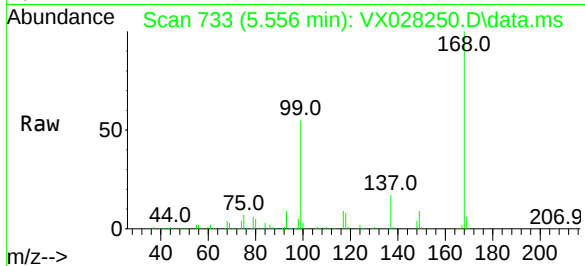
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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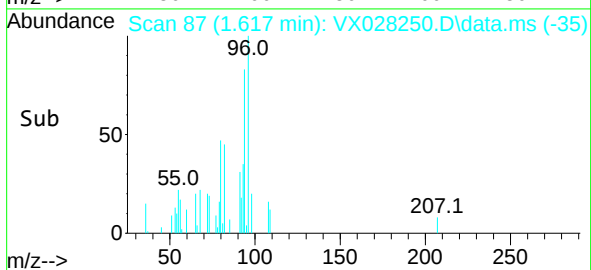
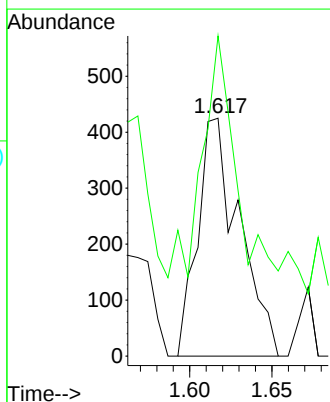
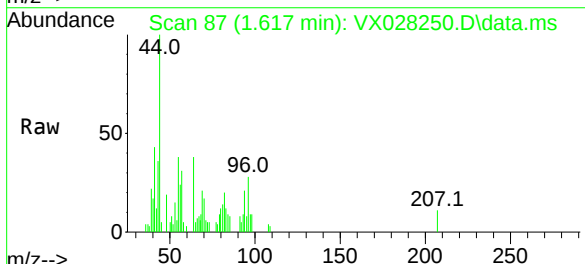
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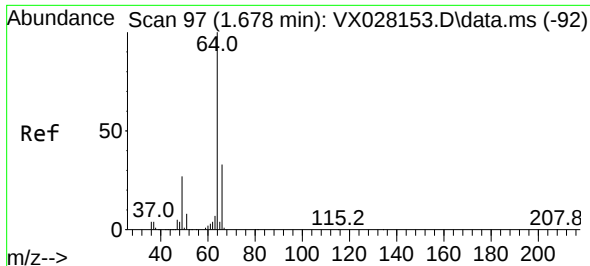
Tgt Ion:168 Resp: 422318
Ion Ratio Lower Upper
168 100
99 55.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

Tgt Ion: 94 Resp: 747
Ion Ratio Lower Upper
94 100
96 98.8 75.3 112.9

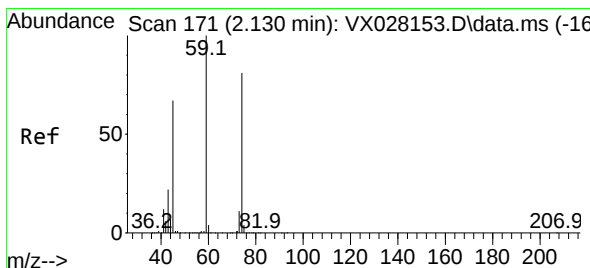
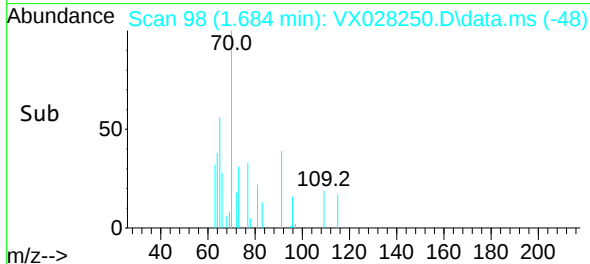
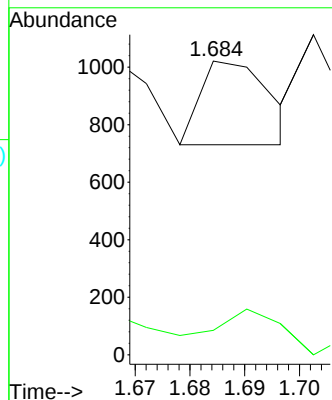
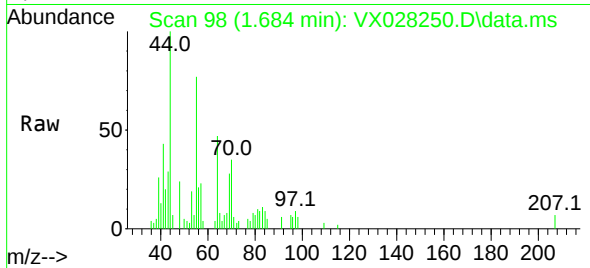




#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 97
Delta R.T. 0.006 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

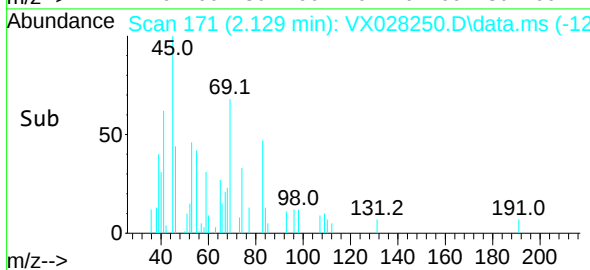
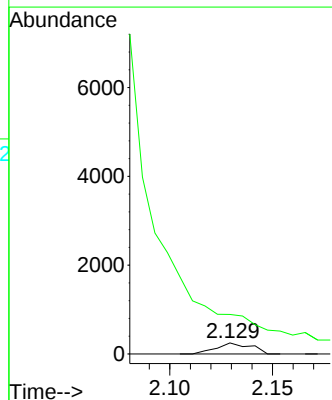
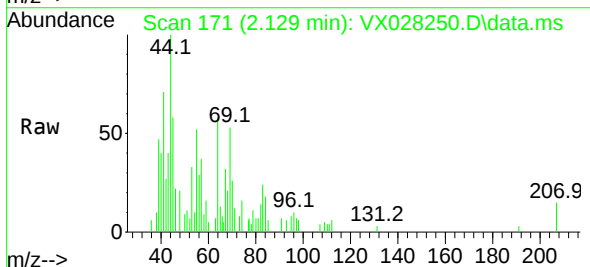
Instrument :
MSVOA_X
ClientSampleId :
31579

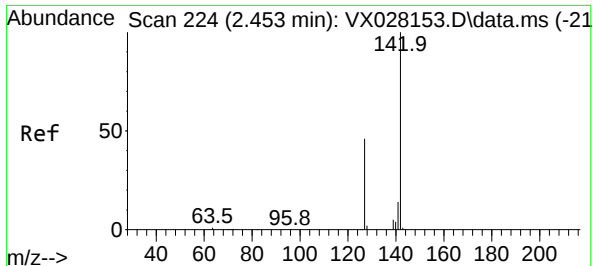
Tgt Ion: 64 Resp: 256
Ion Ratio Lower Upper
64 100
66 6.2 25.3 37.9#



#8
Diethyl Ether
Concen: Below Cal
RT: 2.129 min Scan# 171
Delta R.T. -0.001 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

Tgt Ion: 74 Resp: 293
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#

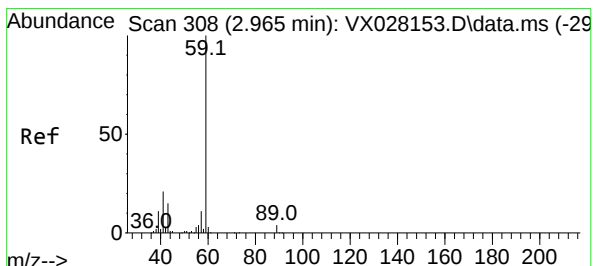
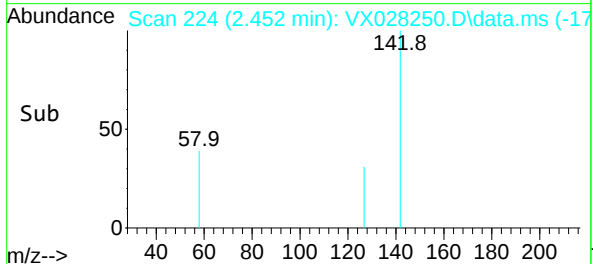
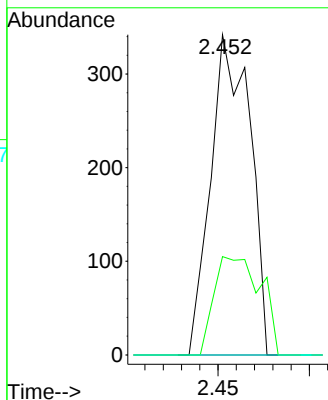
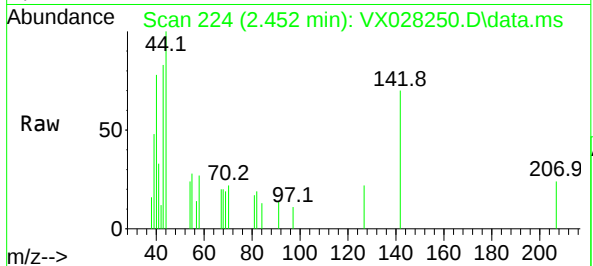




#10
Methyl Iodide
Concen: 5.332 ug/l
RT: 2.452 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

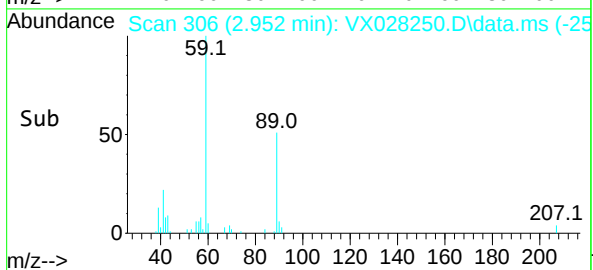
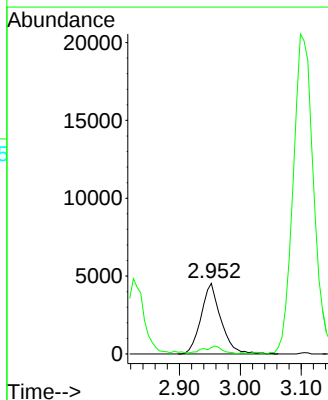
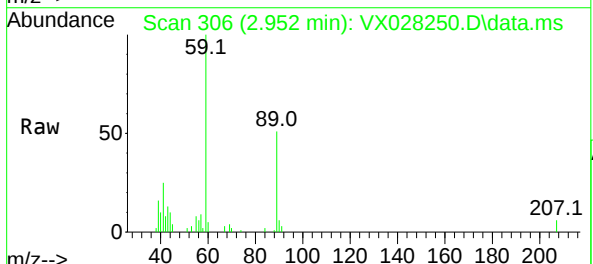
Instrument :
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ClientSampleId :
31579

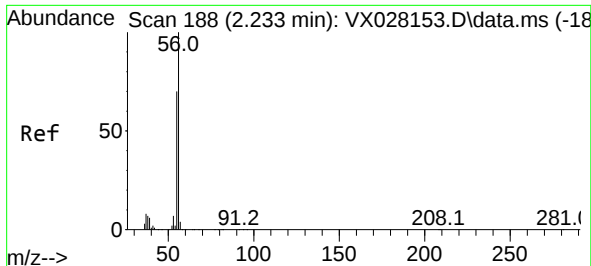
Tgt Ion:142 Resp: 511
Ion Ratio Lower Upper
142 100
127 36.6 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.952 min Scan# 306
Delta R.T. -0.013 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

Tgt Ion: 59 Resp: 10238
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

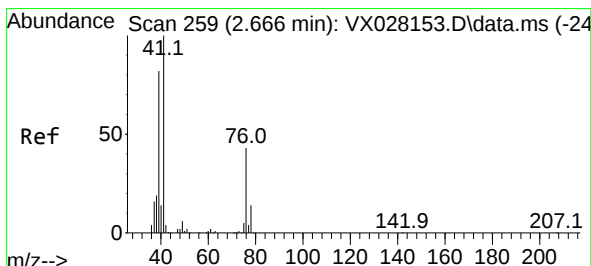
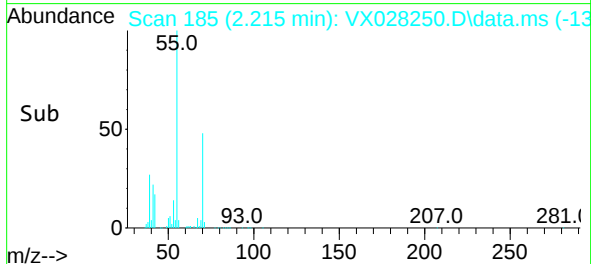
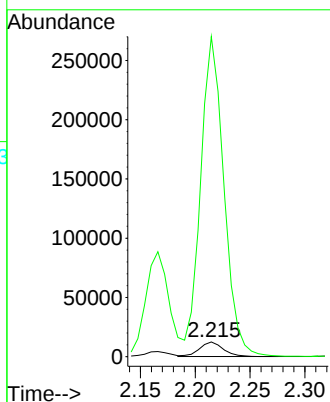
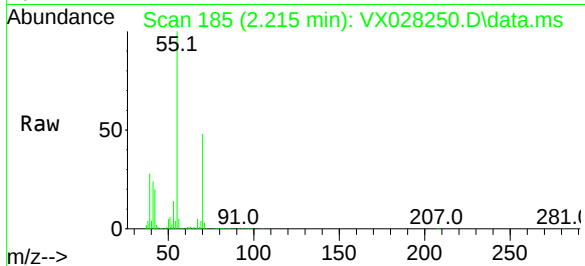




#13
Acrolein
Concen: 27.612 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

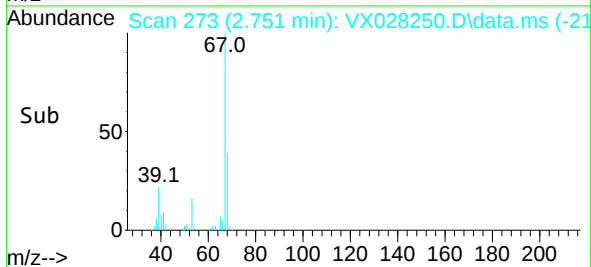
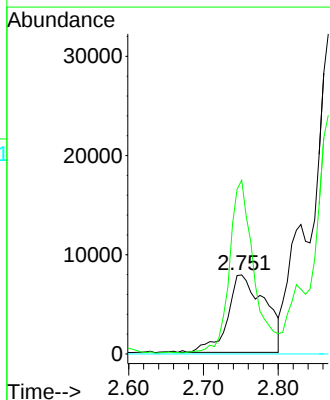
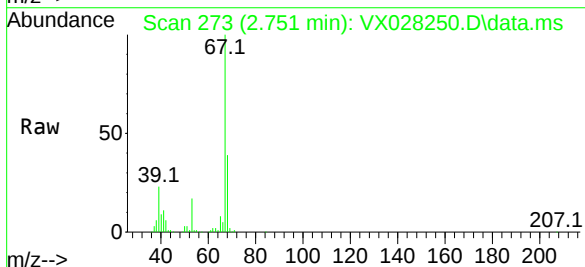
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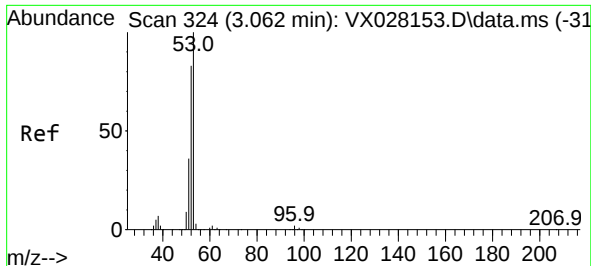
Tgt Ion: 56 Resp: 18634
Ion Ratio Lower Upper
56 100
55 2131.9 55.0 82.6#



#14
Allyl chloride
Concen: 5.008 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.085 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

Tgt Ion: 41 Resp: 27276
Ion Ratio Lower Upper
41 100
39 144.4 50.4 75.6#
76 0.0 32.7 49.1#





#15

Acrylonitrile

Concen: 0.939 ug/l

RT: 3.099 min Scan# 31

Delta R.T. 0.037 min

Lab File: VX028250.D

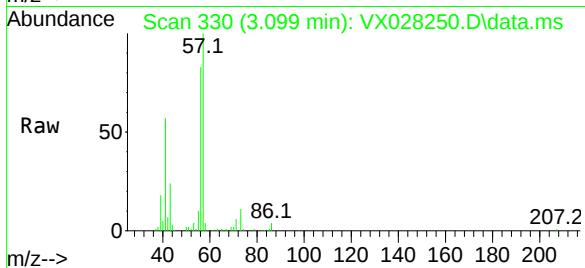
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Instrument :

MSVOA_X

ClientSampleId :

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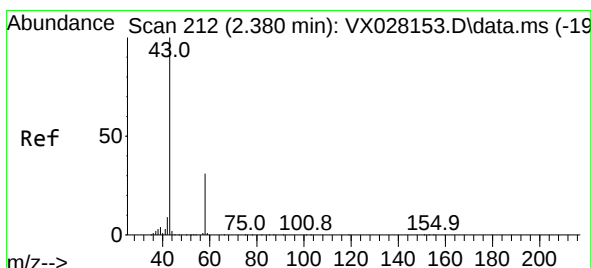
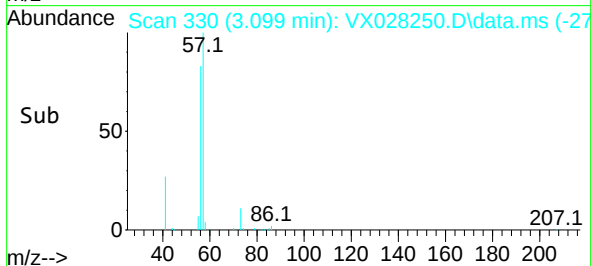
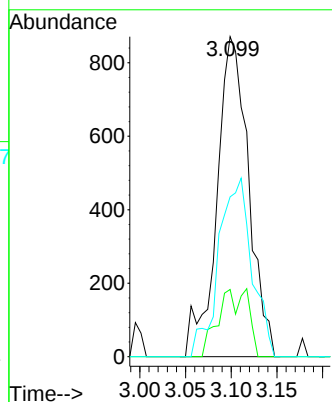
Tgt Ion: 53 Resp: 2107

Ion Ratio Lower Upper

53 100

52 12.3 65.7 98.5#

51 58.3 28.4 42.6#



#16

Acetone

Concen: 32.211 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.007 min

Lab File: VX028250.D

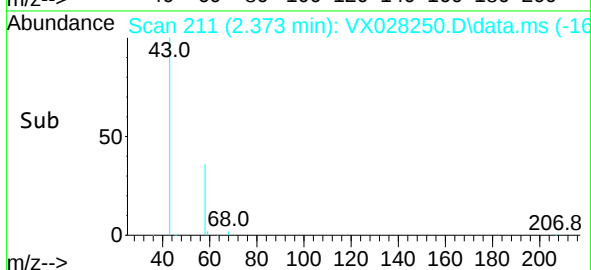
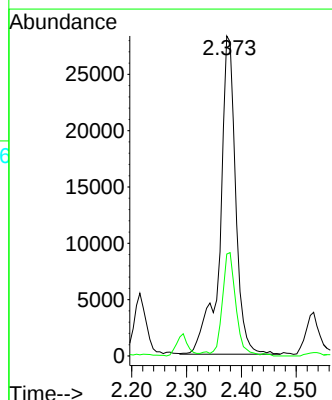
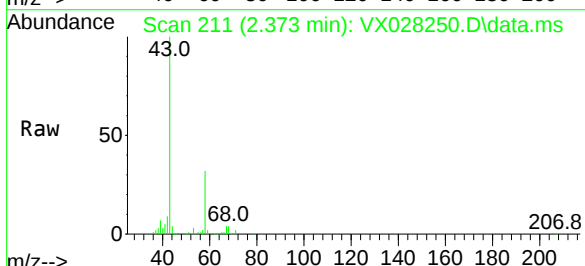
Acq: 21 Apr 2022 18:42

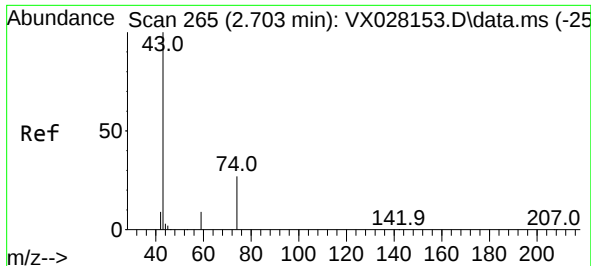
Tgt Ion: 43 Resp: 56220

Ion Ratio Lower Upper

43 100

58 32.0 28.8 43.2

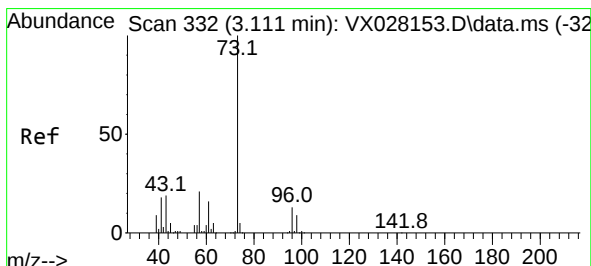
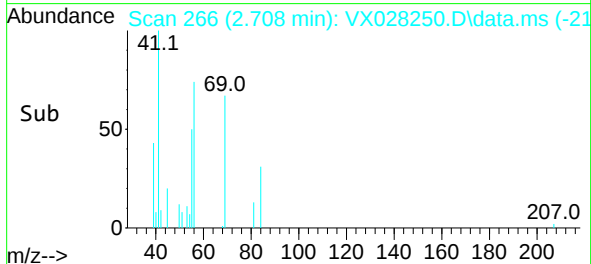
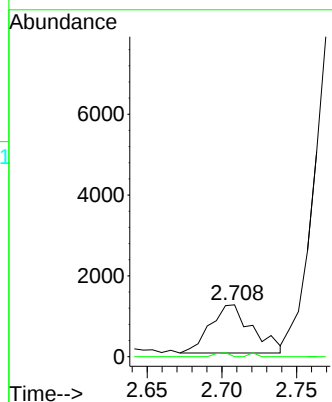
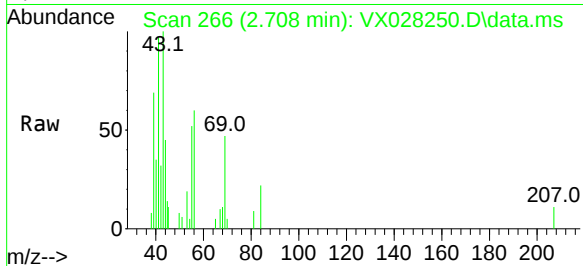




#18
Methyl Acetate
Concen: 0.478 ug/l
RT: 2.708 min Scan# 20
Delta R.T. 0.005 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

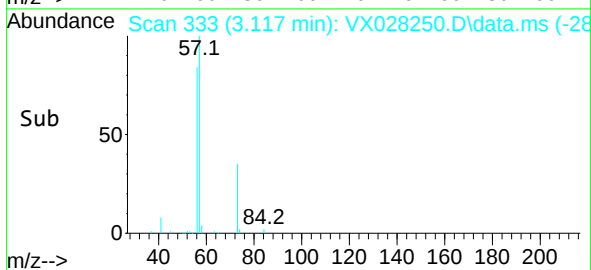
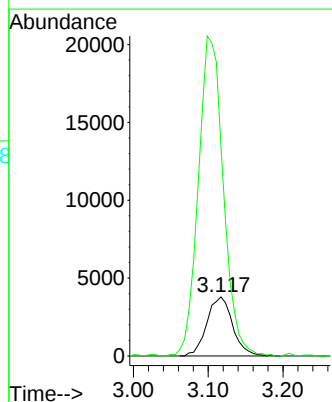
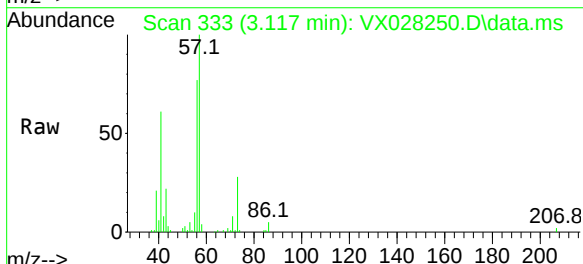
Instrument :
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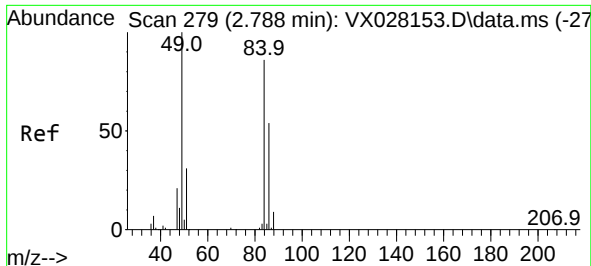
Tgt Ion: 43 Resp: 2341
Ion Ratio Lower Upper
43 100
74 2.7 22.8 34.2#



#19
Methyl tert-butyl Ether
Concen: 0.670 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

Tgt Ion: 73 Resp: 9065
Ion Ratio Lower Upper
73 100
57 354.3 16.8 25.2#

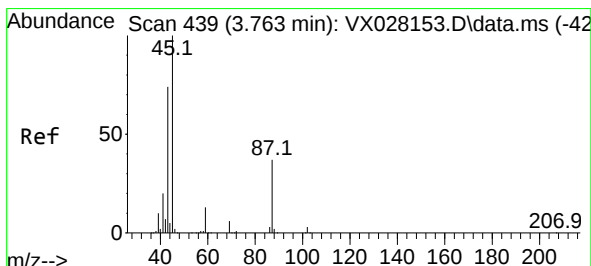
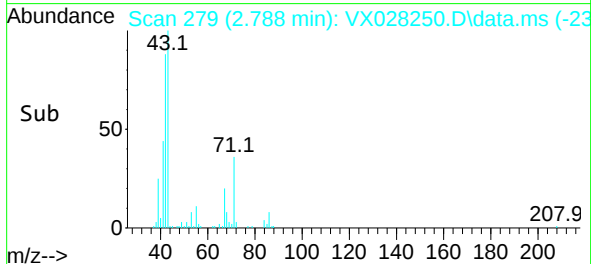
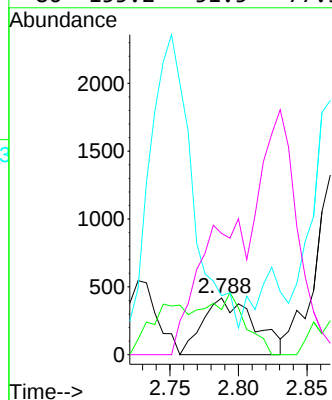
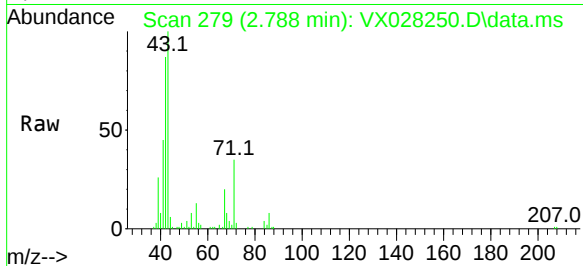




#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

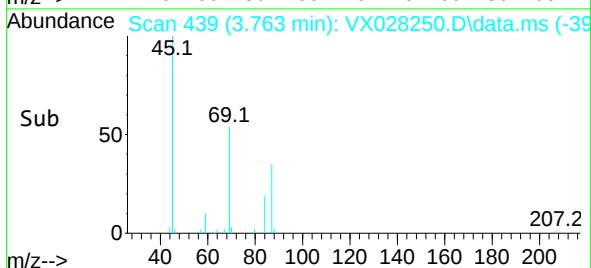
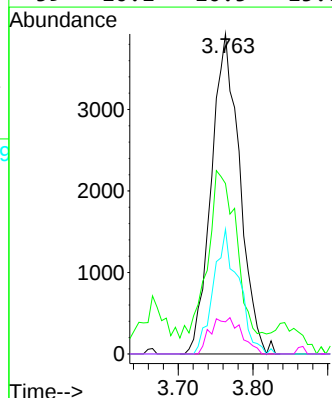
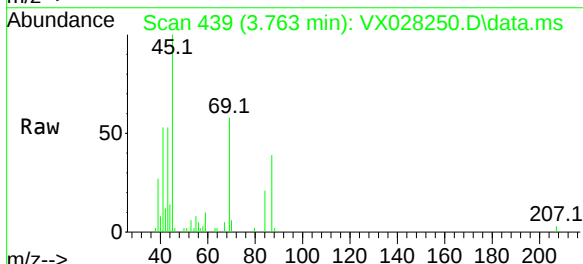
Instrument :
MSVOA_X
ClientSampleId :
31579

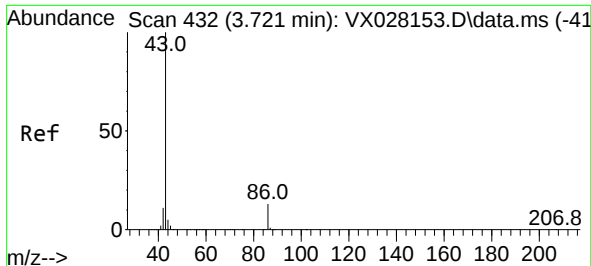
Tgt Ion: 84 Resp: 1095
Ion Ratio Lower Upper
84 100
49 79.9 85.5 128.3#
51 0.0 26.6 39.8#
86 155.2 51.5 77.3#



#22
Diisopropyl ether
Concen: 0.835 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

Tgt Ion: 45 Resp: 10356
Ion Ratio Lower Upper
45 100
43 48.3 50.8 76.2#
87 38.9 26.6 39.8
59 10.1 10.5 15.7#

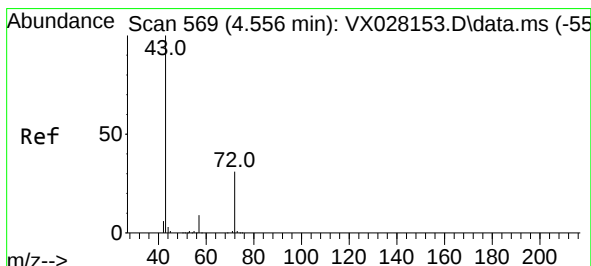
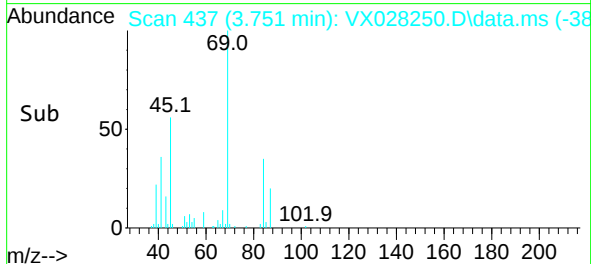
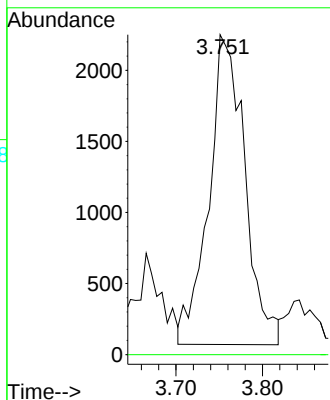
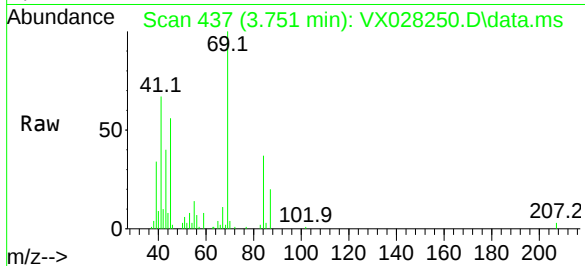




#23
 Vinyl Acetate
 Concen: 0.581 ug/l
 RT: 3.751 min Scan# 41
 Delta R.T. 0.030 min
 Lab File: VX028250.D
 Acq: 21 Apr 2022 18:42

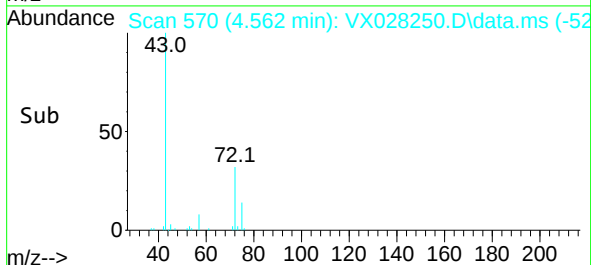
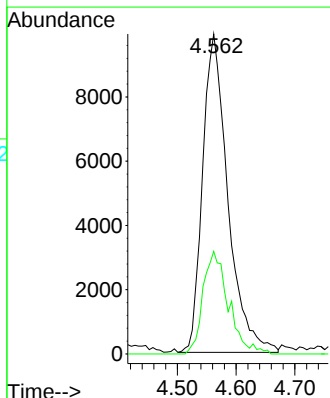
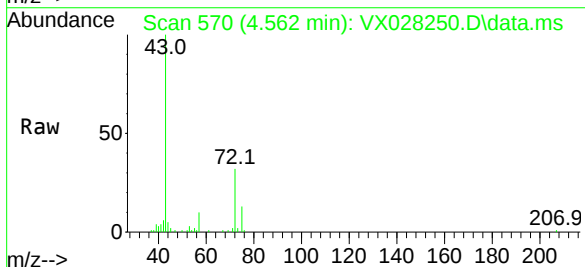
Instrument :
 MSVOA_X
 ClientSampleId :
 31579

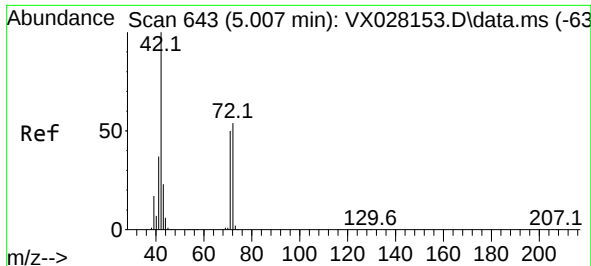
Tgt Ion: 43 Resp: 6293
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.8 16.2#



#25
 2-Butanone
 Concen: 9.083 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX028250.D
 Acq: 21 Apr 2022 18:42

Tgt Ion: 43 Resp: 29621
 Ion Ratio Lower Upper
 43 100
 72 32.2 24.4 36.6





#29

Tetrahydrofuran

Concen: 1.159 ug/l

RT: 5.025 min Scan# 643

Delta R.T. 0.018 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

31579

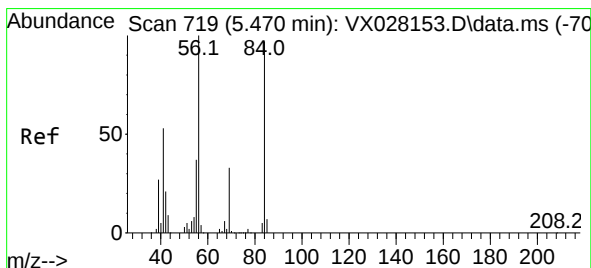
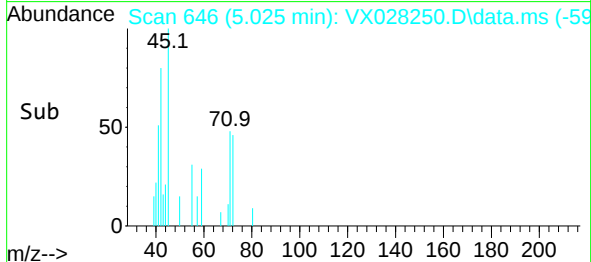
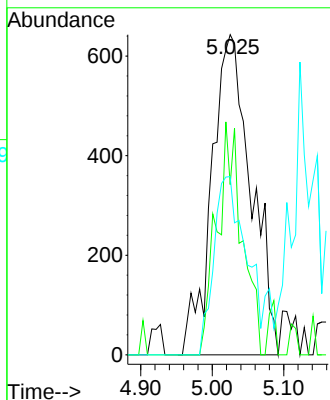
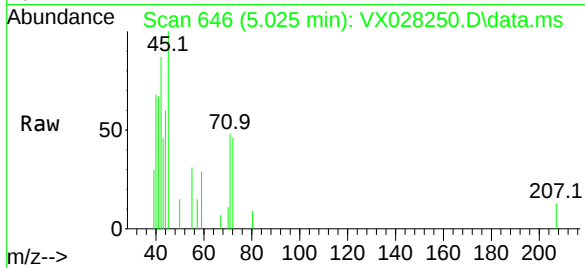
Tgt Ion: 42 Resp: 2465

Ion Ratio Lower Upper

42 100

72 46.5 44.1 66.1

71 46.9 40.5 60.7



#31

Cyclohexane

Concen: 8.748 ug/l

RT: 5.470 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

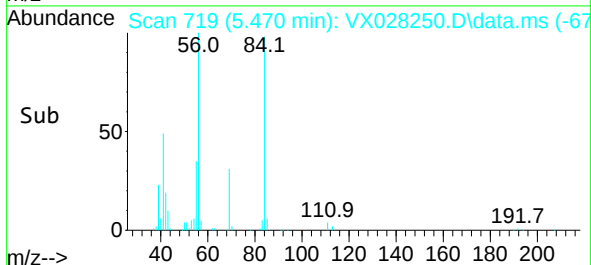
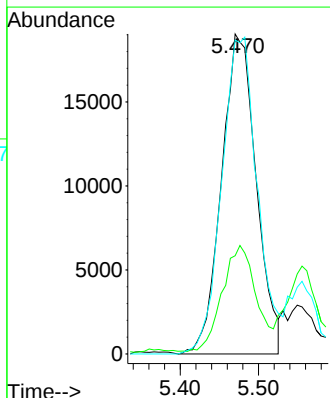
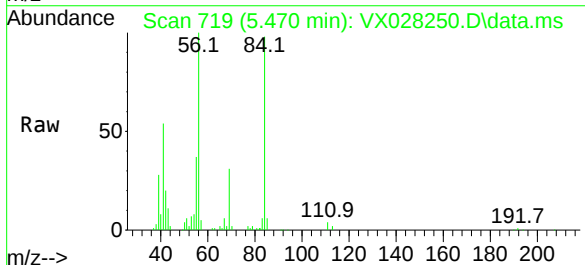
Tgt Ion: 56 Resp: 58690

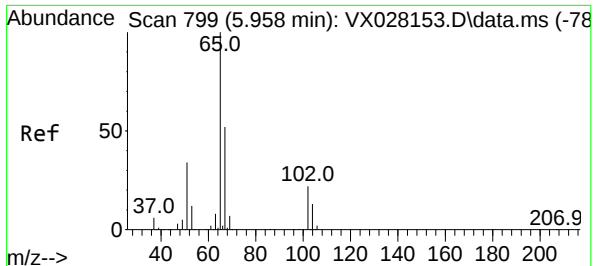
Ion Ratio Lower Upper

56 100

69 29.9 26.7 40.1

84 98.1 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 51.211 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

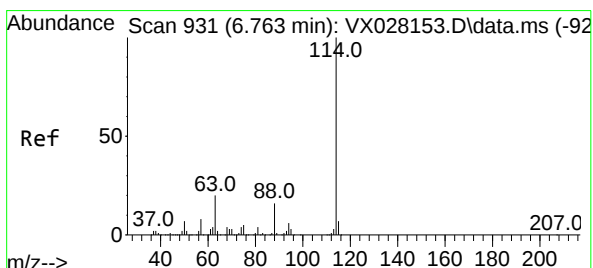
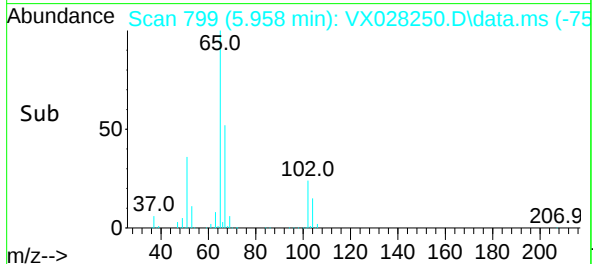
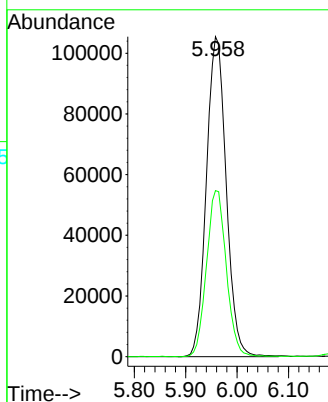
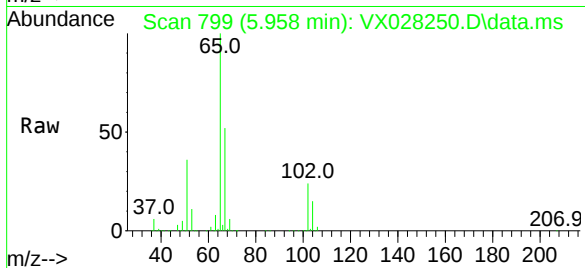
31579

Tgt Ion: 65 Resp: 281997

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

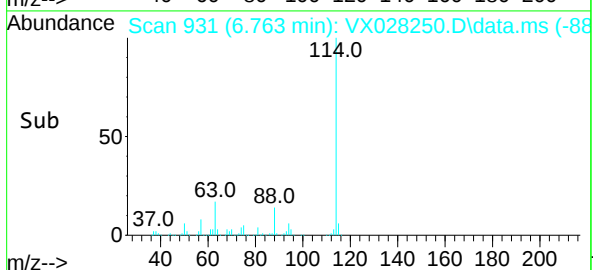
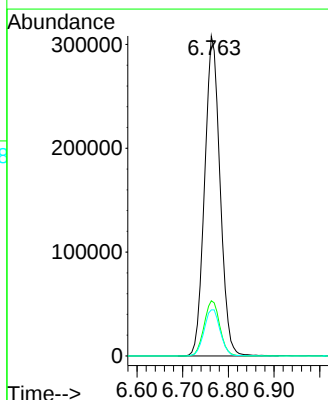
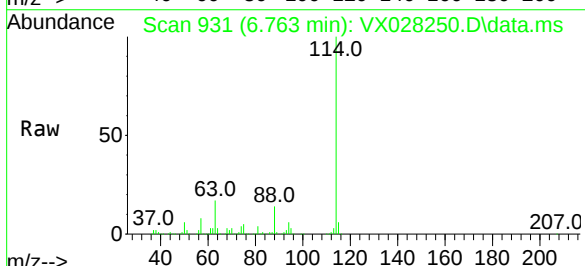
Tgt Ion: 114 Resp: 721833

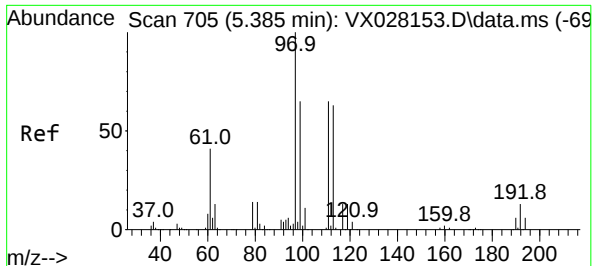
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.8

88 14.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.853 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

31579

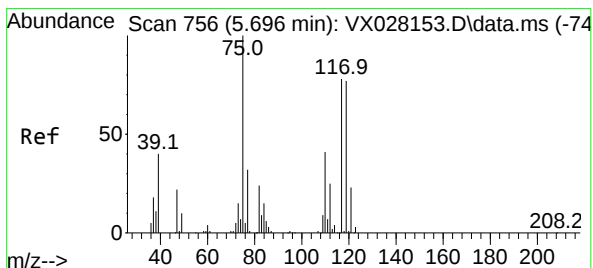
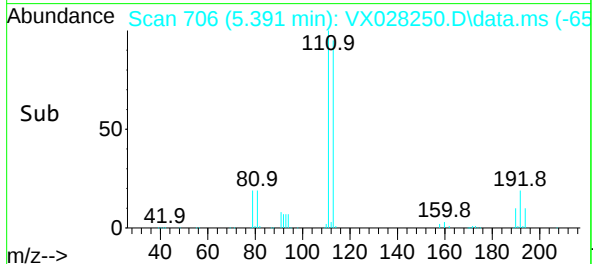
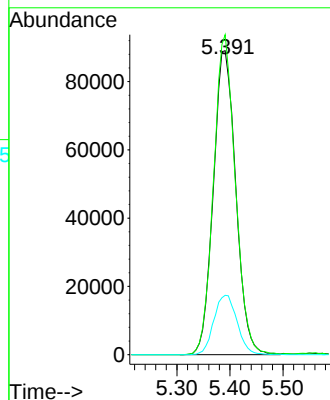
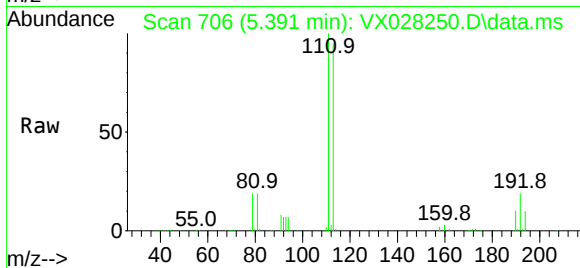
Tgt Ion:113 Resp: 262487

Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

192 20.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.455 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

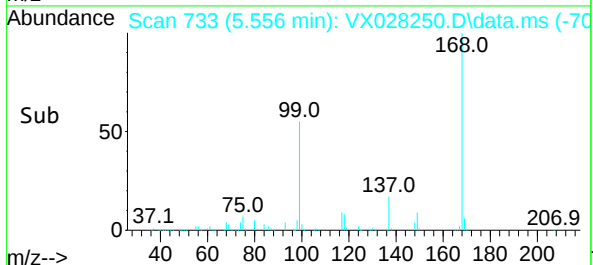
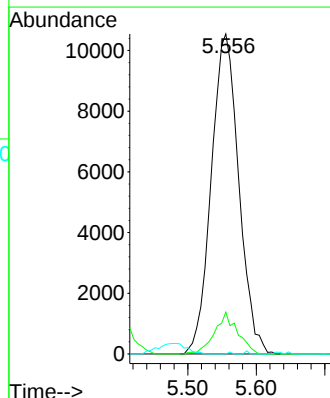
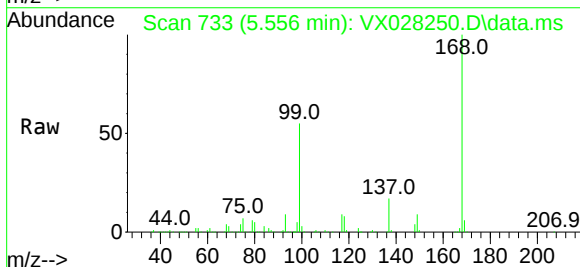
Tgt Ion: 75 Resp: 29414

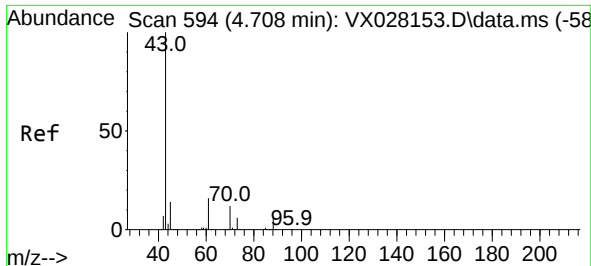
Ion Ratio Lower Upper

75 100

110 10.9 18.3 54.8#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 4.421 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.146 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

31579

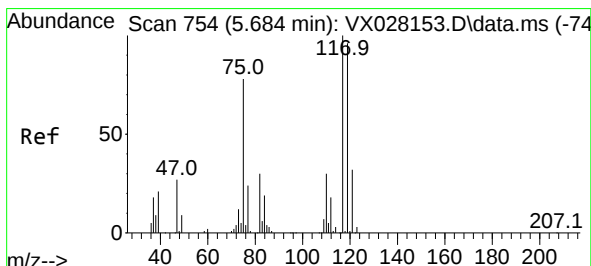
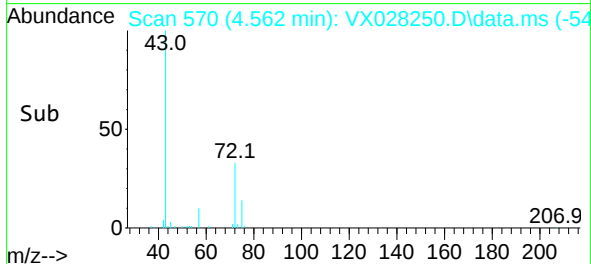
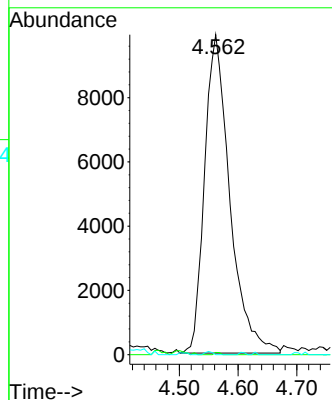
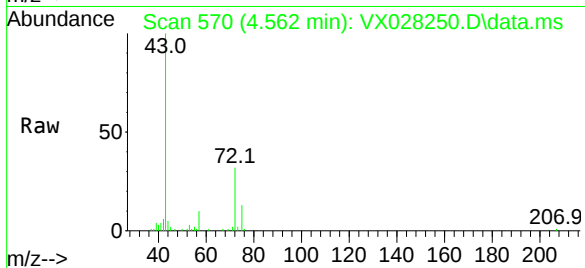
Tgt Ion: 43 Resp: 29621

Ion Ratio Lower Upper

43 100

61 0.2 12.6 19.0#

70 0.3 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.530 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

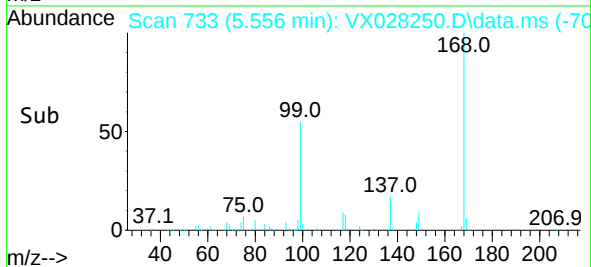
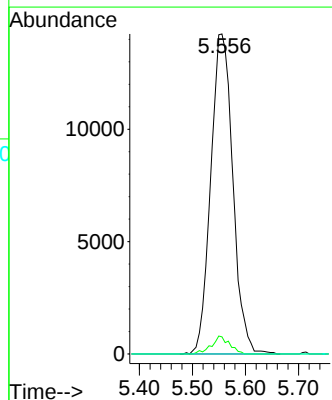
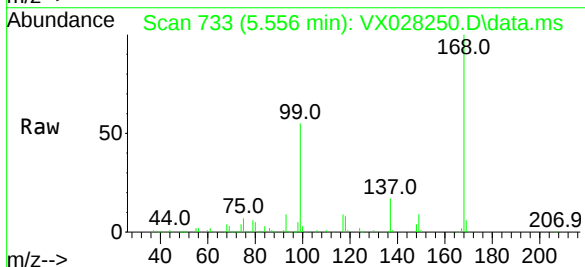
Tgt Ion: 117 Resp: 41219

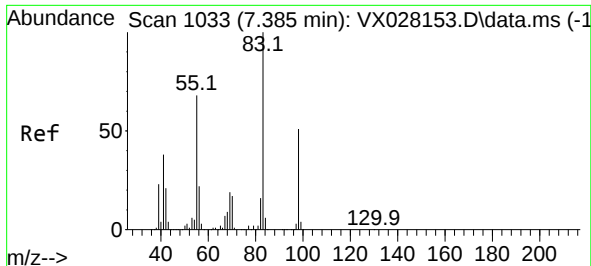
Ion Ratio Lower Upper

117 100

119 5.3 77.3 115.9#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 2.334 ug/l

RT: 7.378 min Scan# 1033

Delta R.T. -0.007 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

31579

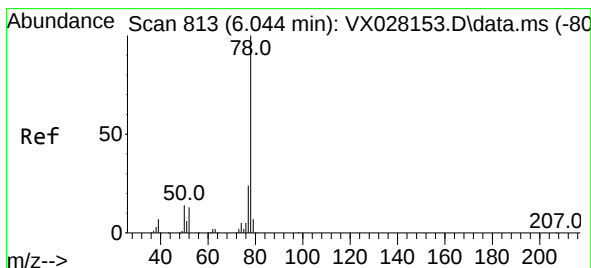
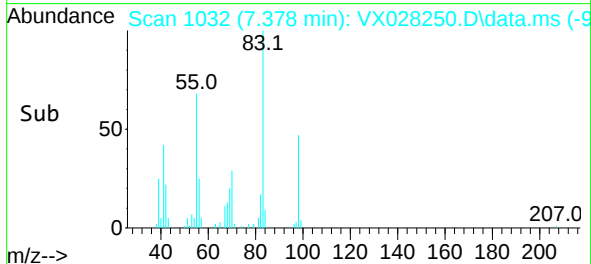
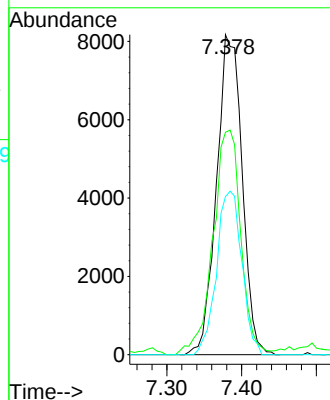
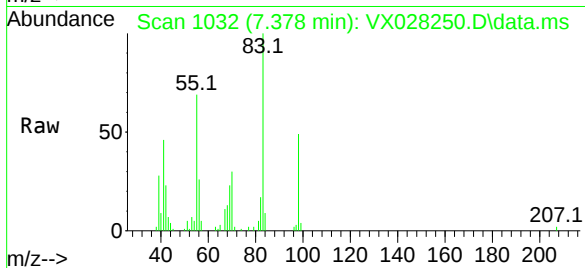
Tgt Ion: 83 Resp: 19446

Ion Ratio Lower Upper

83 100

55 68.2 54.6 81.8

98 49.4 37.4 56.2



#40

Benzene

Concen: 93.391 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.001 min

Lab File: VX028250.D

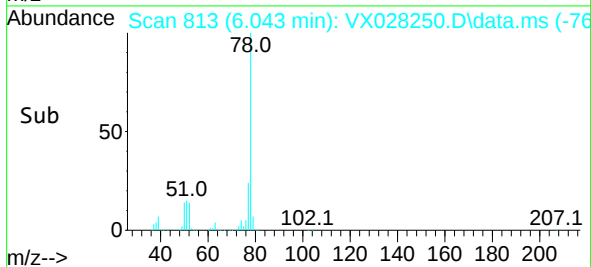
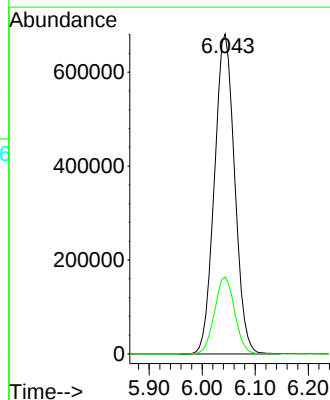
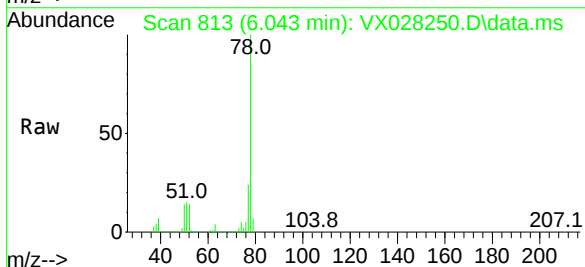
Acq: 21 Apr 2022 18:42

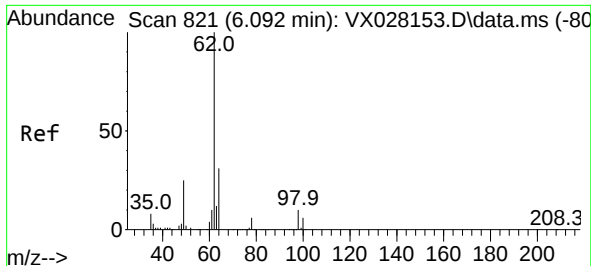
Tgt Ion: 78 Resp: 1805137

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9





#42

1,2-Dichloroethane

Concen: 2.210 ug/l

RT: 6.037 min Scan# 81

Delta R.T. -0.055 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

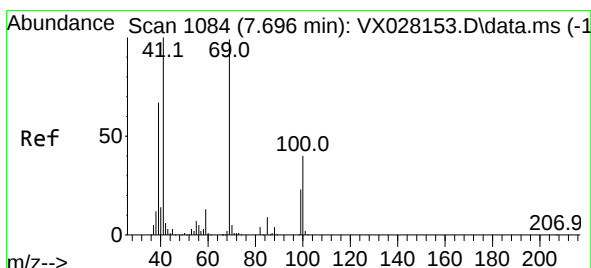
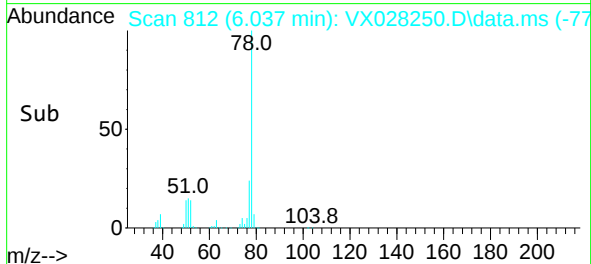
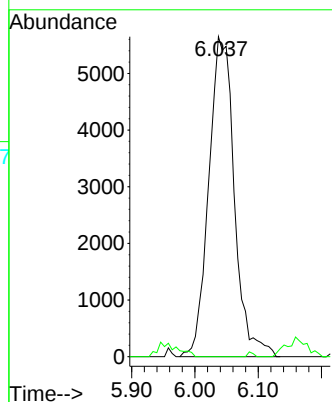
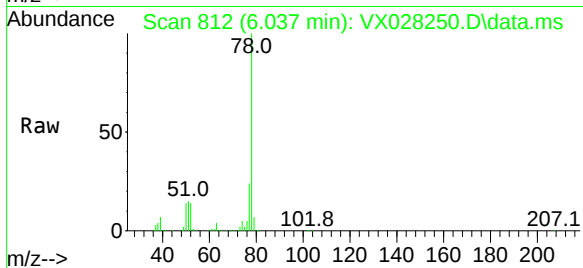
31579

Tgt Ion: 62 Resp: 15858

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.4



#48

Methyl methacrylate

Concen: 0.337 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.043 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

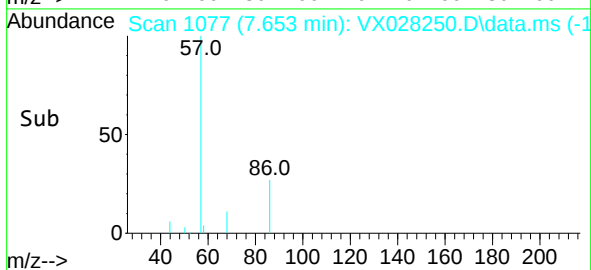
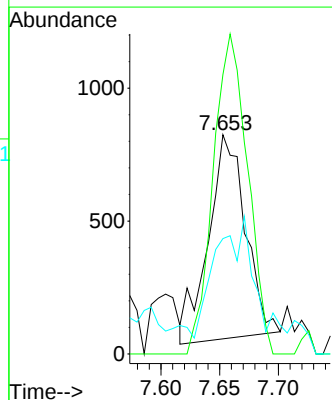
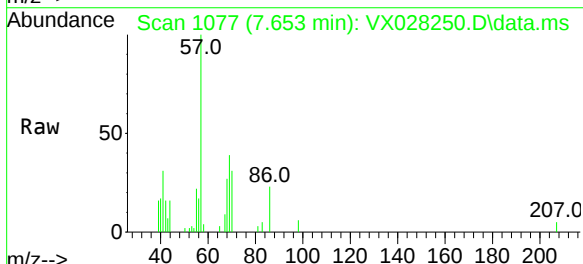
Tgt Ion: 41 Resp: 1686

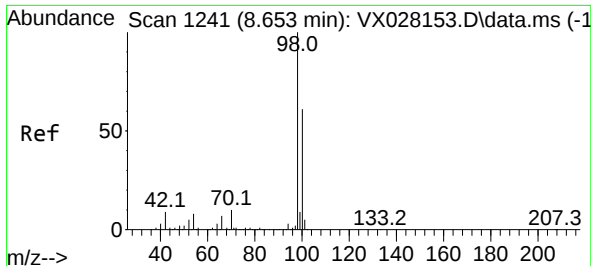
Ion Ratio Lower Upper

41 100

69 145.6 82.5 123.7#

39 59.9 43.8 65.8

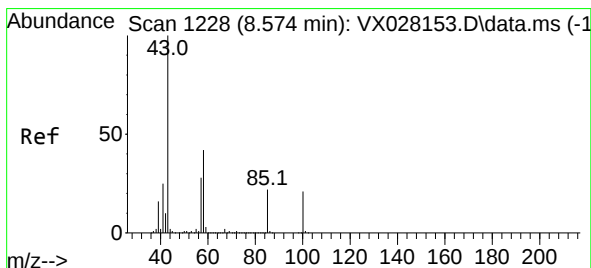
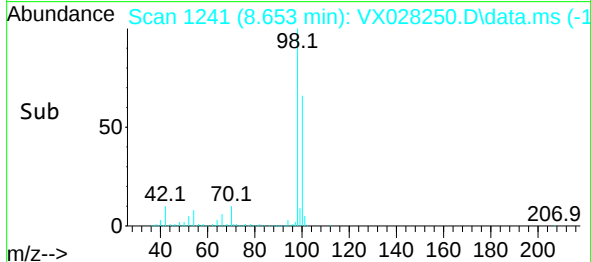
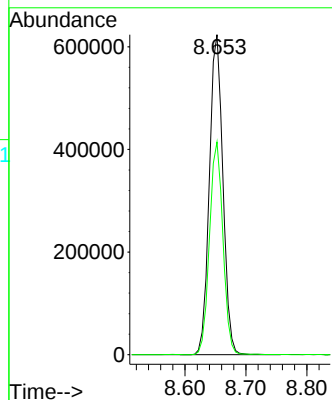
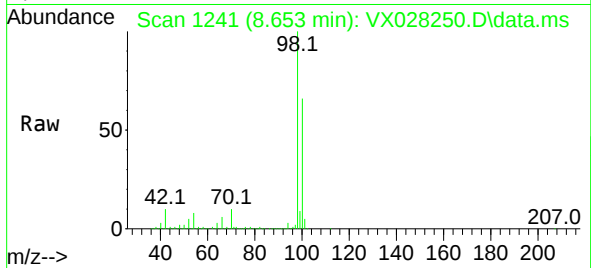




#50
Toluene-d8
Concen: 49.488 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

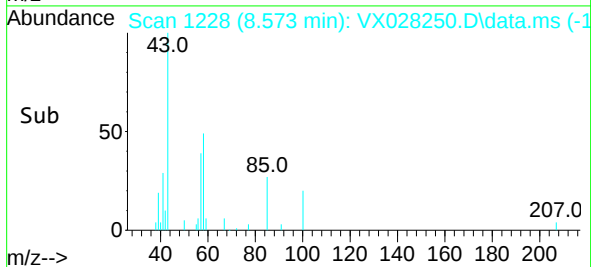
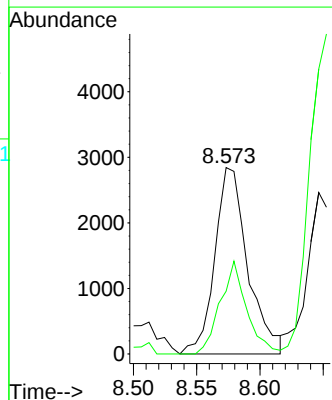
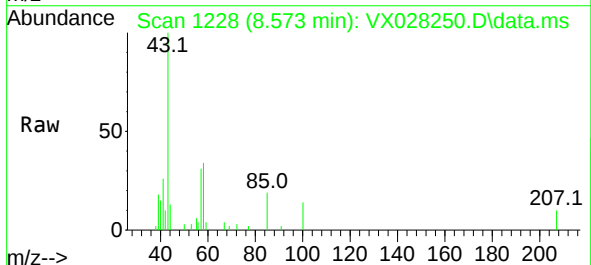
Instrument :
MSVOA_X
ClientSampleId :
31579

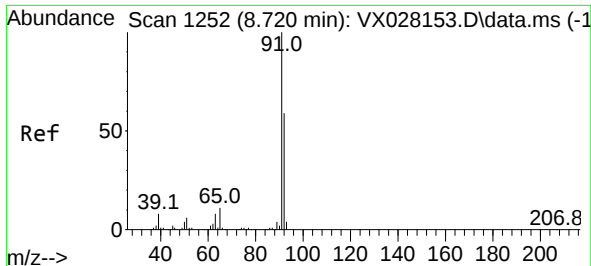
Tgt Ion: 98 Resp: 962186
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.739 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

Tgt Ion: 43 Resp: 5170
Ion Ratio Lower Upper
43 100
58 40.0 36.1 54.1

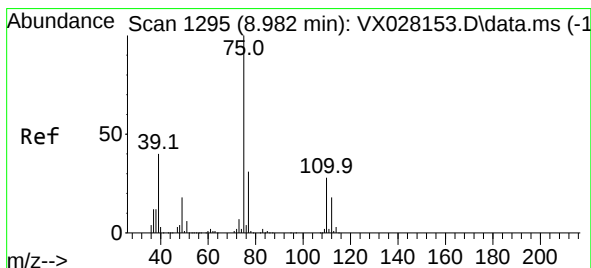
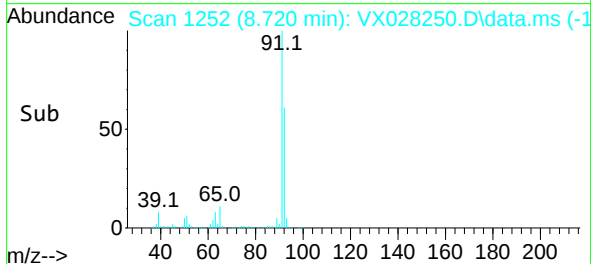
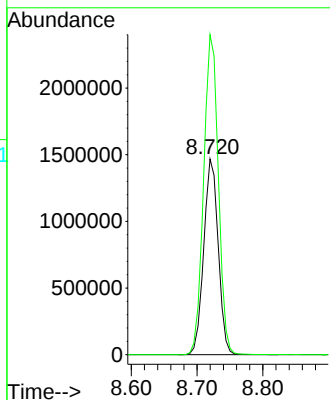
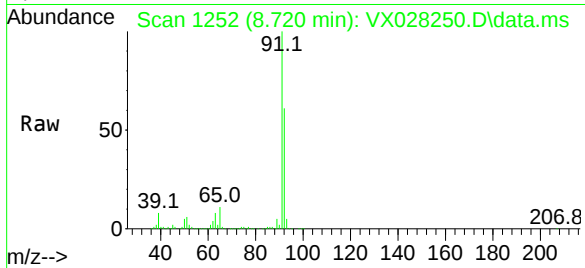




#52
Toluene
Concen: 167.089 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

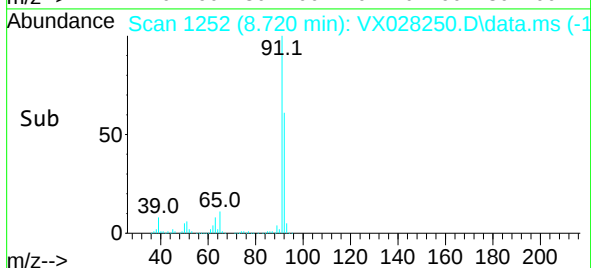
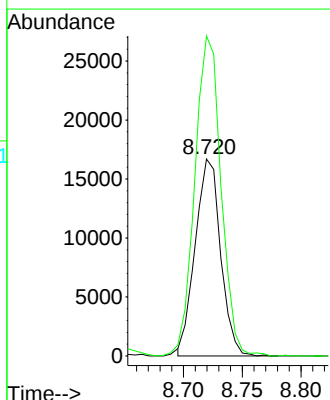
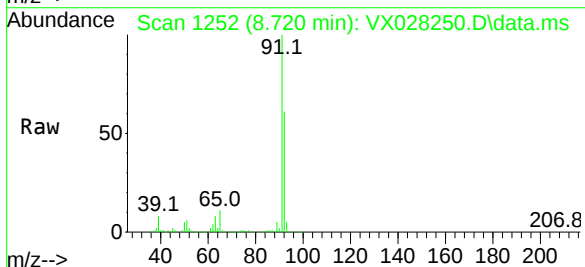
Instrument :
MSVOA_X
ClientSampleId :
31579

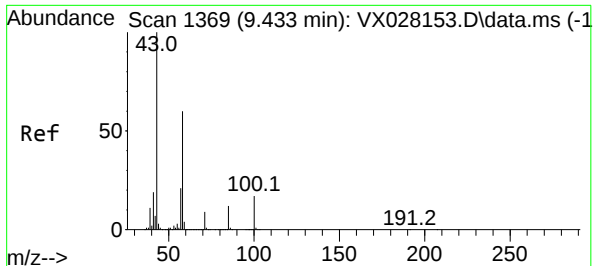
Tgt Ion: 92 Resp: 2243751
Ion Ratio Lower Upper
92 100
91 166.6 137.5 206.3



#53
t-1,3-Dichloropropene
Concen: 3.306 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.262 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

Tgt Ion: 75 Resp: 25060
Ion Ratio Lower Upper
75 100
77 162.4 25.4 38.0#





#59

2-Hexanone

Concen: 0.515 ug/l

RT: 9.445 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

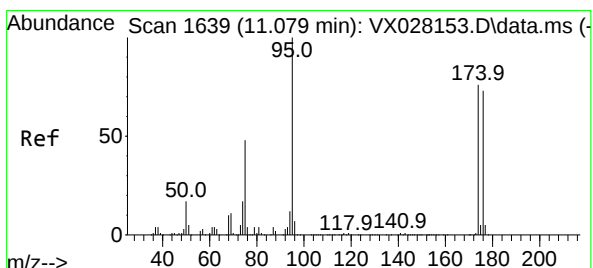
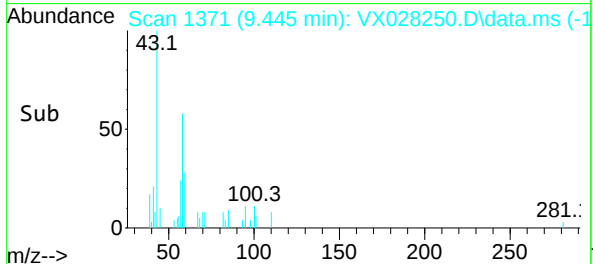
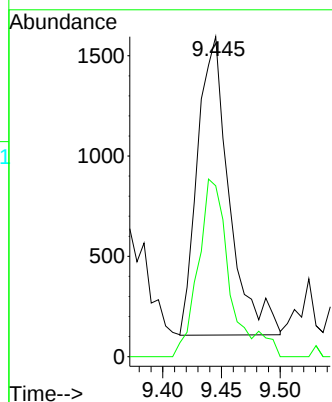
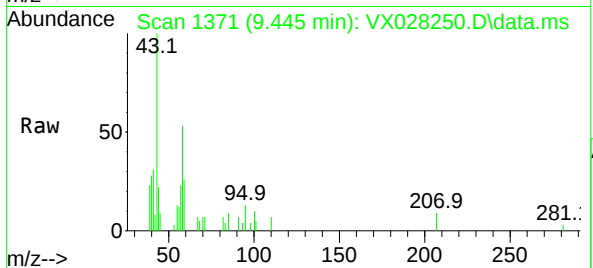
31579

Tgt Ion: 43 Resp: 2789

Ion Ratio Lower Upper

43 100

58 59.4 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 49.277 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

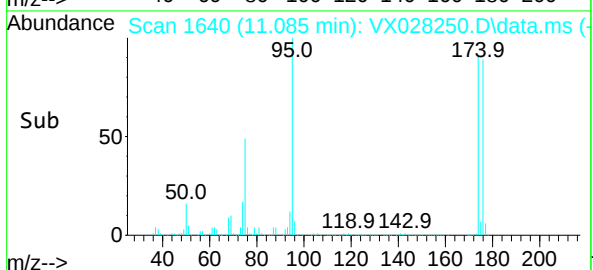
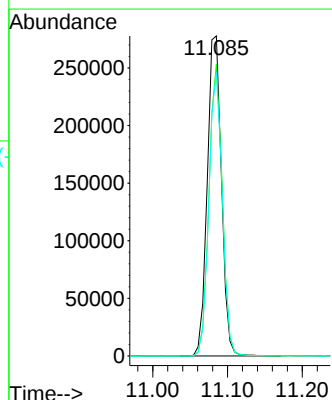
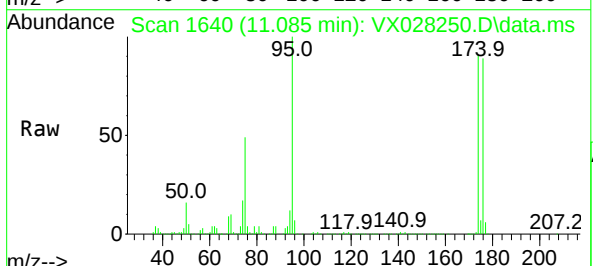
Tgt Ion: 95 Resp: 366327

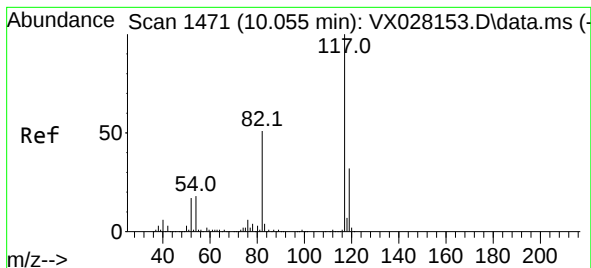
Ion Ratio Lower Upper

95 100

174 85.9 0.0 163.0

176 84.2 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

31579

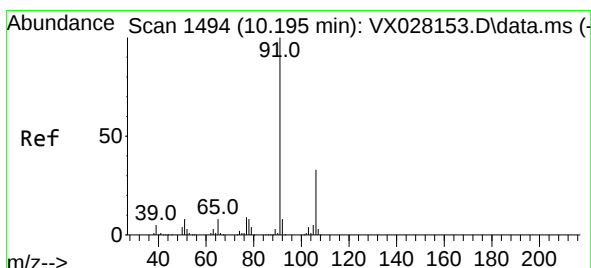
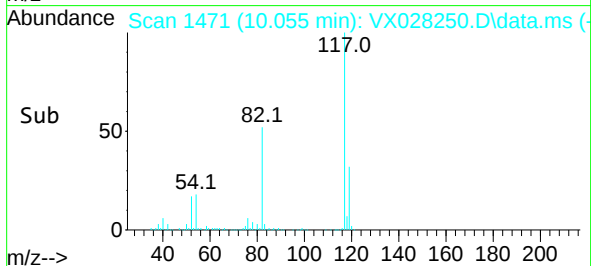
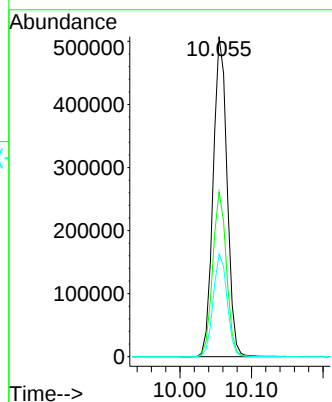
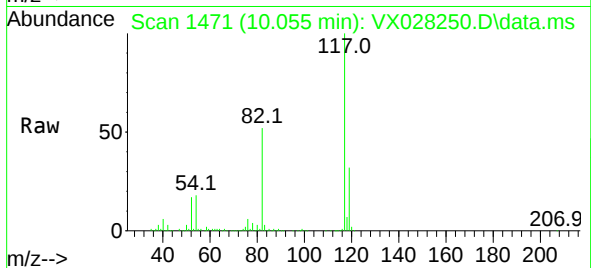
Tgt Ion:117 Resp: 684466

Ion Ratio Lower Upper

117 100

82 51.5 41.8 62.8

119 32.1 24.8 37.2



#67

Ethyl Benzene

Concen: 12.409 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX028250.D

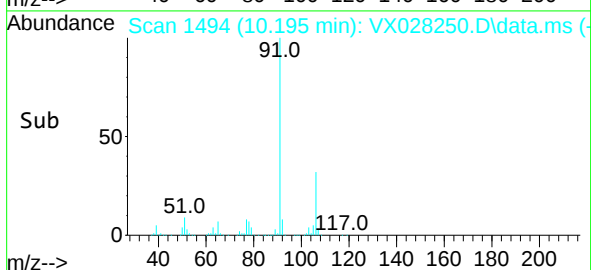
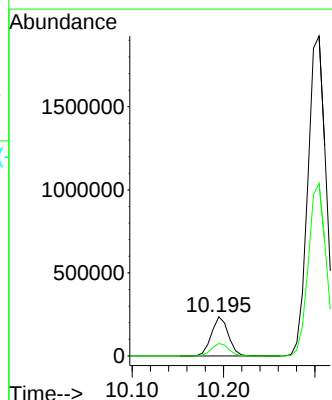
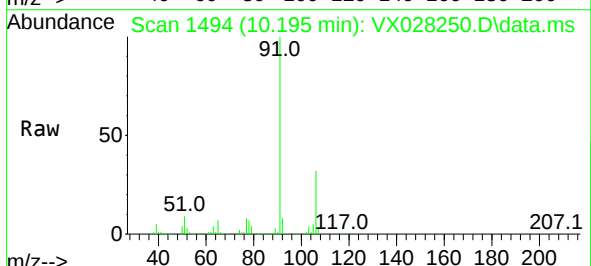
Acq: 21 Apr 2022 18:42

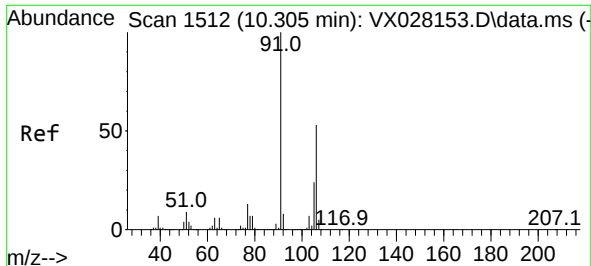
Tgt Ion: 91 Resp: 303655

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8

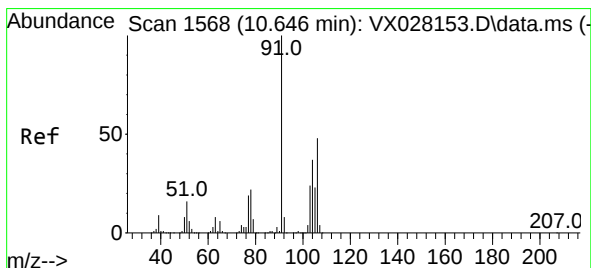
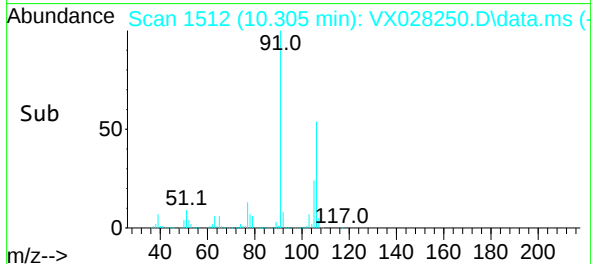
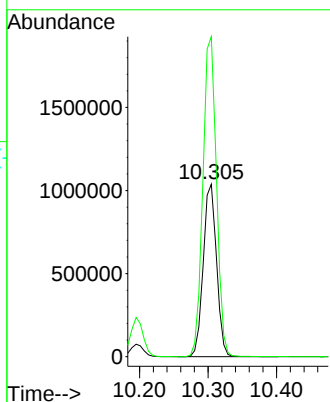
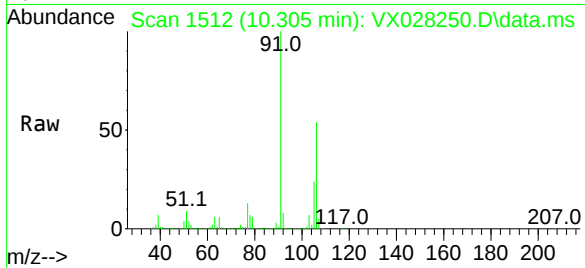




#68
m/p-Xylenes
Concen: 140.809 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

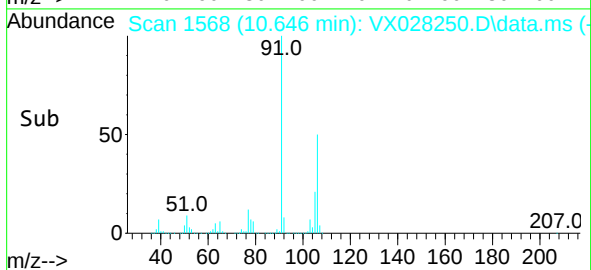
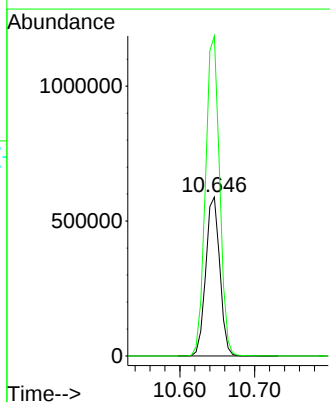
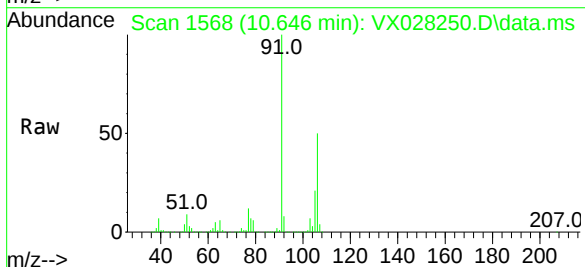
Instrument :
MSVOA_X
ClientSampleId :
31579

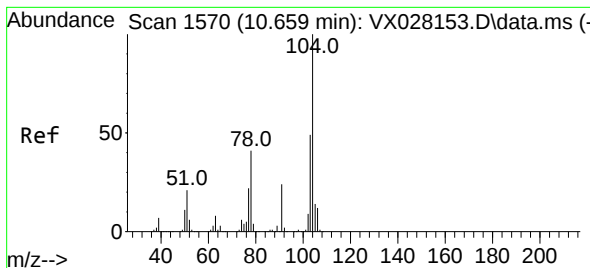
Tgt Ion:106 Resp: 1402364
Ion Ratio Lower Upper
106 100
91 189.7 160.4 240.6



#69
o-Xylene
Concen: 77.196 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

Tgt Ion:106 Resp: 766530
Ion Ratio Lower Upper
106 100
91 202.9 106.1 318.1





#70

Styrene

Concen: 2.421 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. -0.013 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

31579

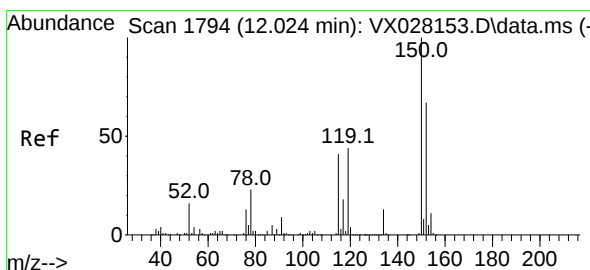
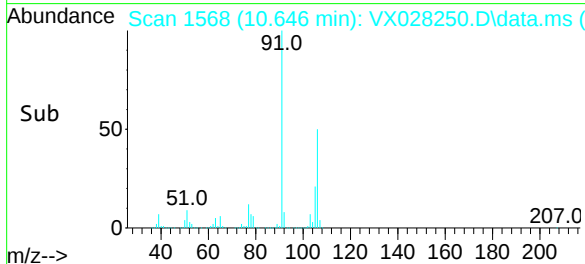
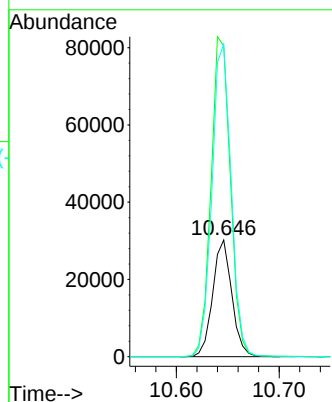
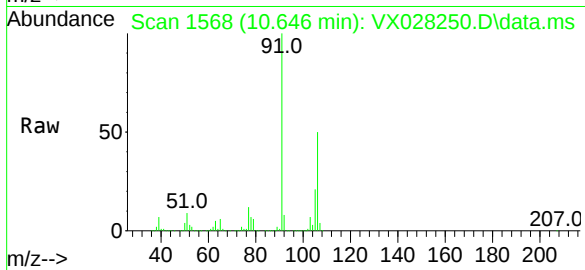
Tgt Ion:104 Resp: 38942

Ion Ratio Lower Upper

104 100

78 278.7 38.6 57.8#

103 270.1 43.8 65.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

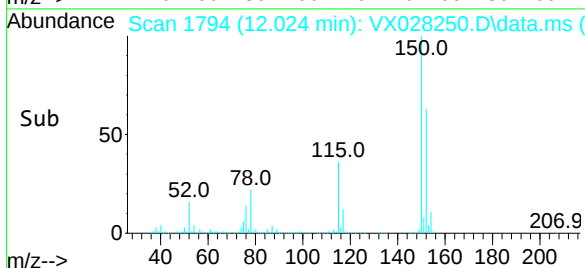
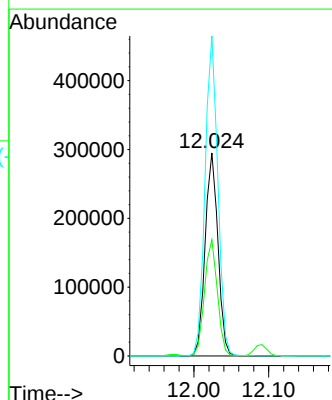
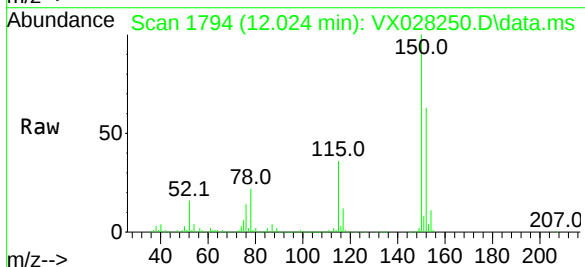
Tgt Ion:152 Resp: 351348

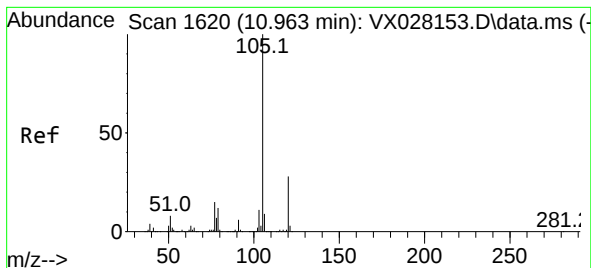
Ion Ratio Lower Upper

152 100

115 57.3 37.5 112.7

150 156.8 0.0 338.2





#73

Isopropylbenzene

Concen: 1.006 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

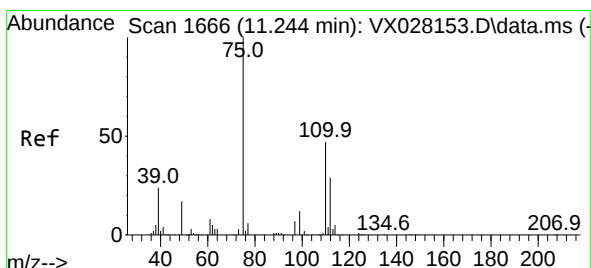
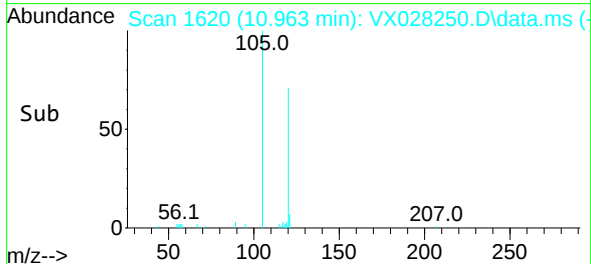
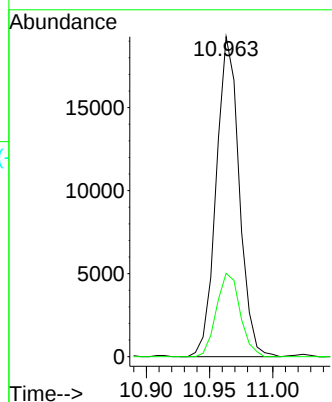
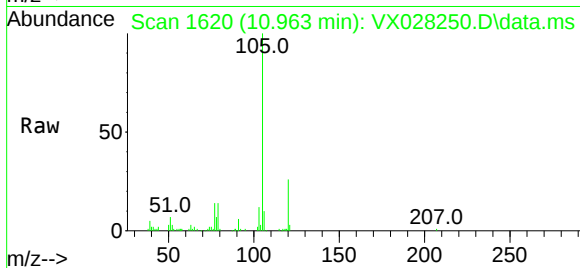
31579

Tgt Ion:105 Resp: 24287

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#76

1,2,3-Trichloropropane

Concen: 1.629 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.134 min

Lab File: VX028250.D

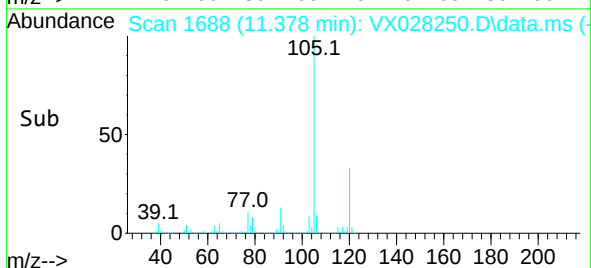
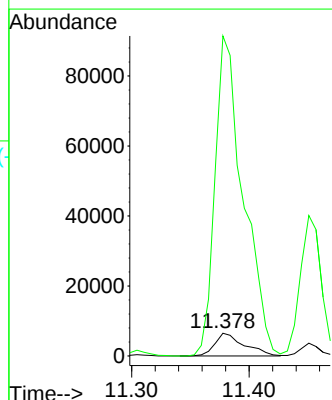
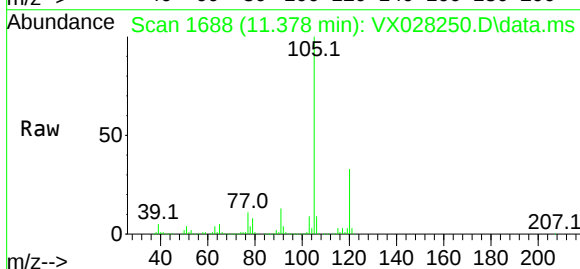
Acq: 21 Apr 2022 18:42

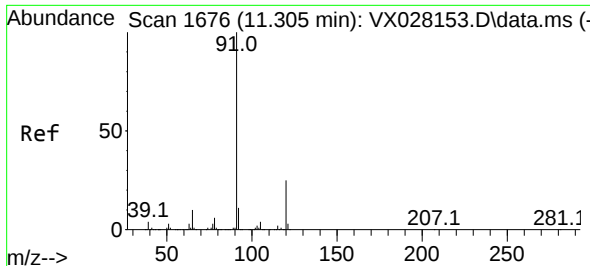
Tgt Ion: 75 Resp: 11263

Ion Ratio Lower Upper

75 100

77 1363.5 19.4 58.2#

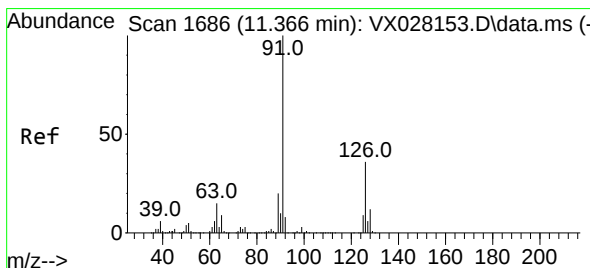
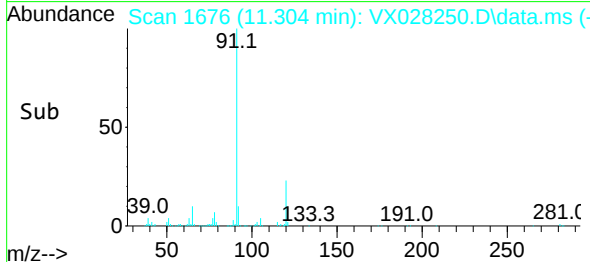
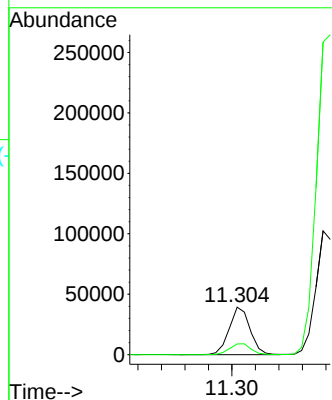
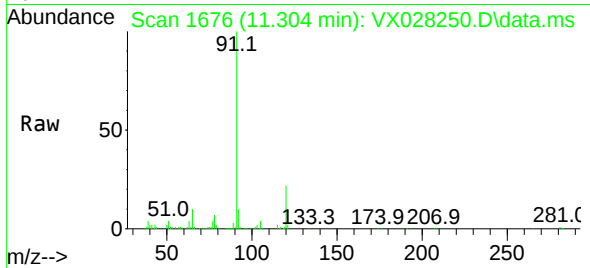




#78
n-propylbenzene
Concen: 1.816 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.001 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

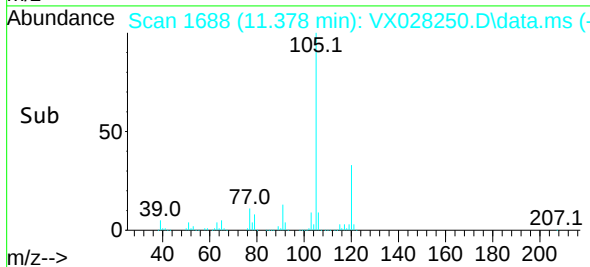
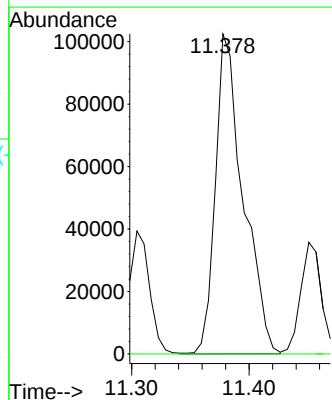
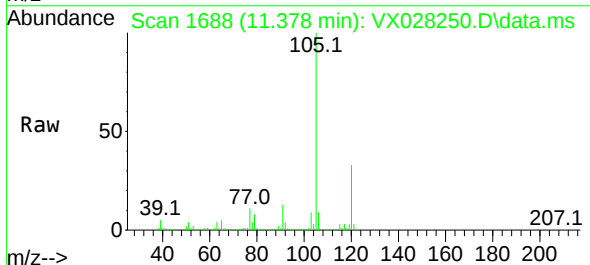
Instrument :
MSVOA_X
ClientSampleId :
31579

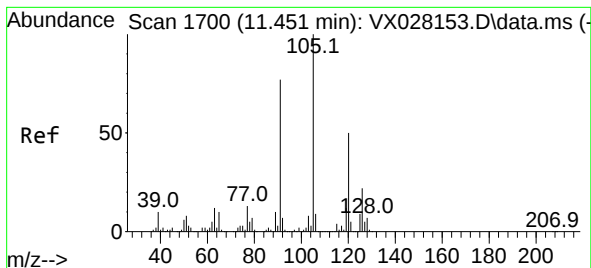
Tgt Ion: 91 Resp: 48620
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.8#



#79
2-Chlorotoluene
Concen: 10.079 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

Tgt Ion: 91 Resp: 167798
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 19.920 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

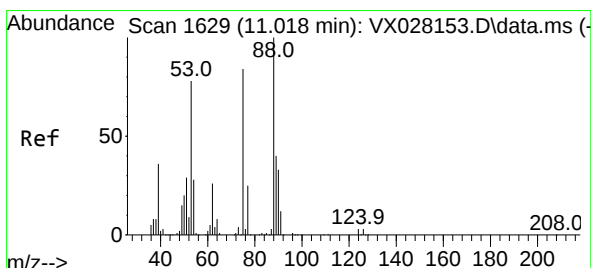
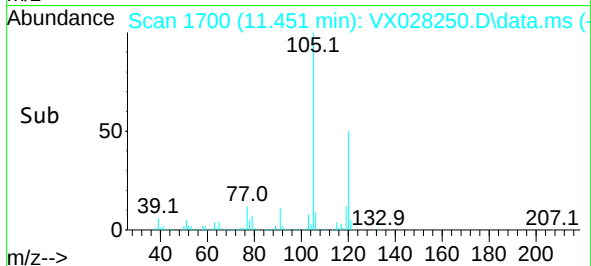
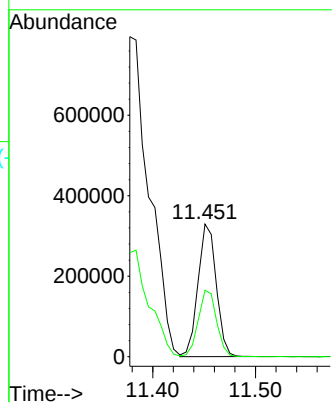
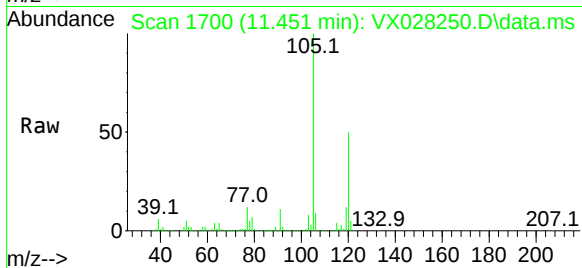
31579

Tgt Ion:105 Resp: 408337

Ion Ratio Lower Upper

105 100

120 50.1 24.3 72.9



#81

trans-1,4-Dichloro-2-butene

Concen: 77.400 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

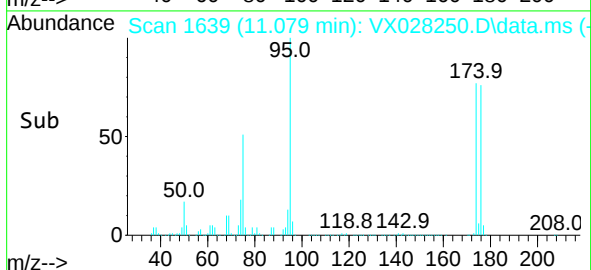
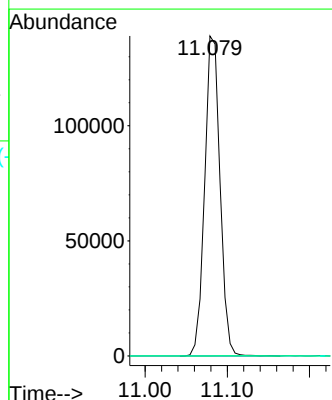
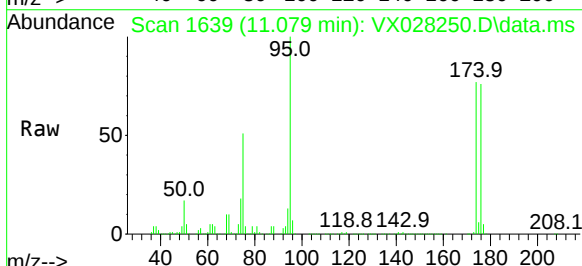
Tgt Ion: 75 Resp: 180097

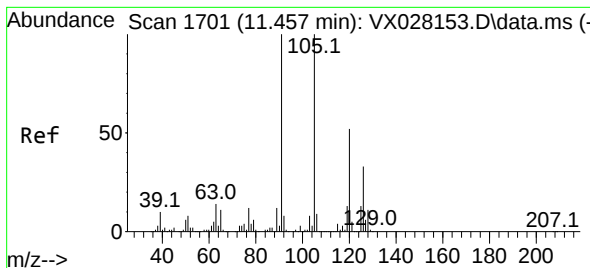
Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#





#82

4-Chlorotoluene

Concen: 2.293 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

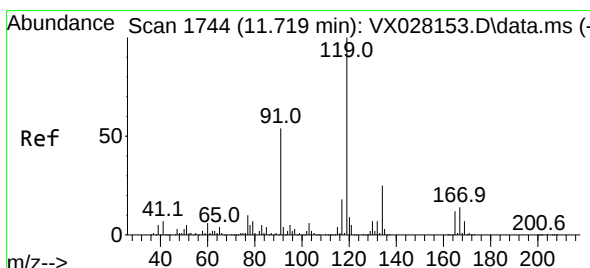
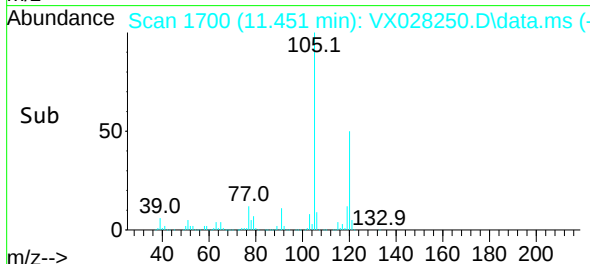
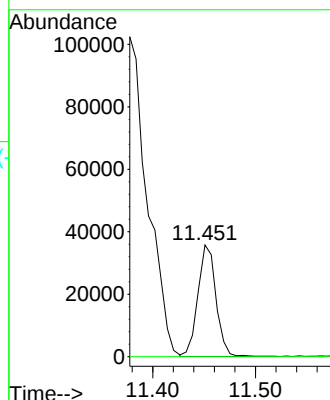
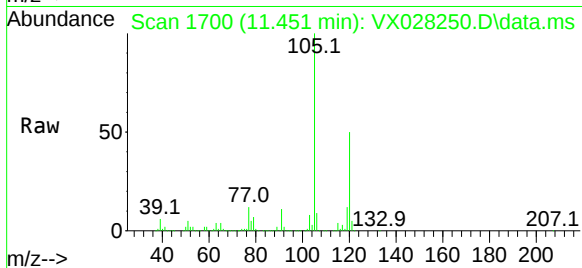
31579

Tgt Ion: 91 Resp: 43971

Ion Ratio Lower Upper

91 100

126 0.0 14.9 44.5#



#83

tert-Butylbenzene

Concen: 8.739 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.037 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

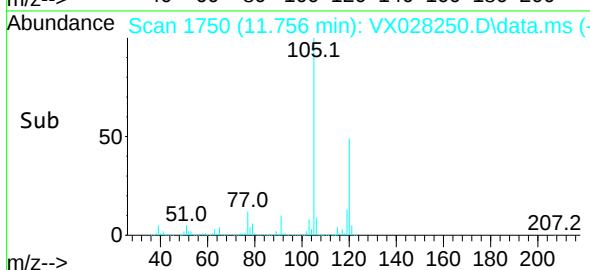
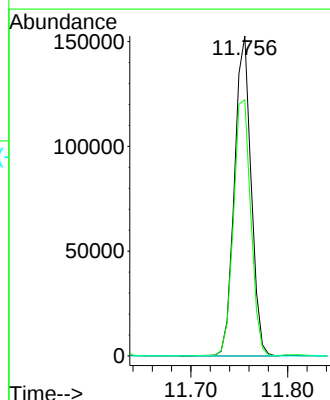
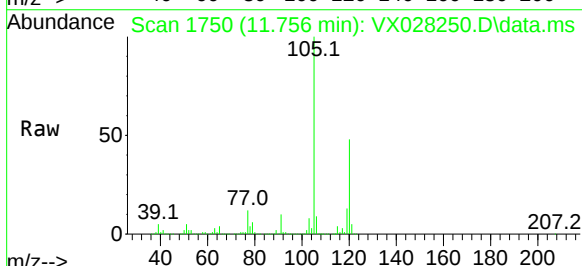
Tgt Ion: 119 Resp: 182934

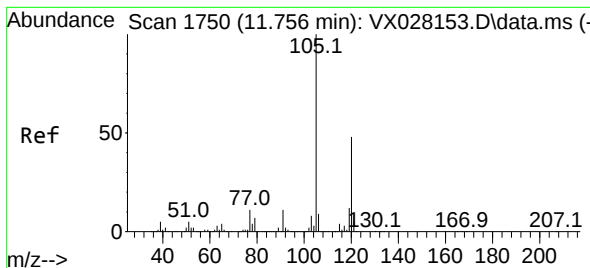
Ion Ratio Lower Upper

119 100

91 83.4 26.9 80.6#

134 0.0 11.4 34.2#





#84

1,2,4-Trimethylbenzene

Concen: 71.814 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

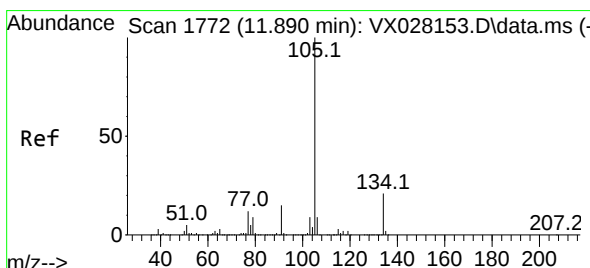
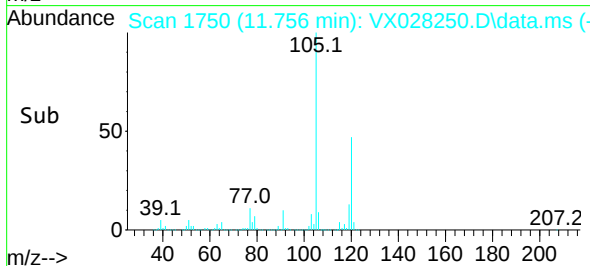
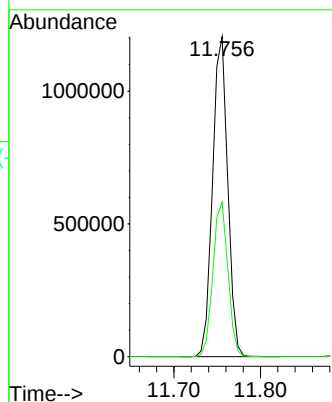
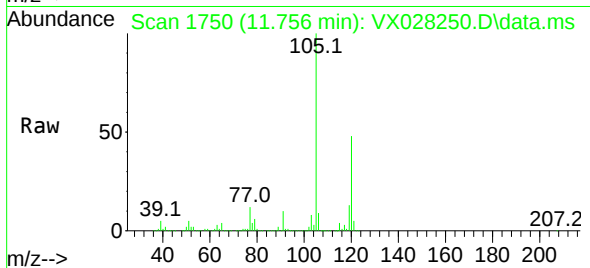
31579

Tgt Ion:105 Resp: 1463368

Ion Ratio Lower Upper

105 100

120 48.0 22.6 67.8



#85

sec-Butylbenzene

Concen: 57.946 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.134 min

Lab File: VX028250.D

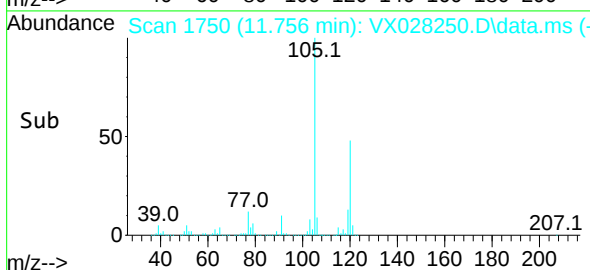
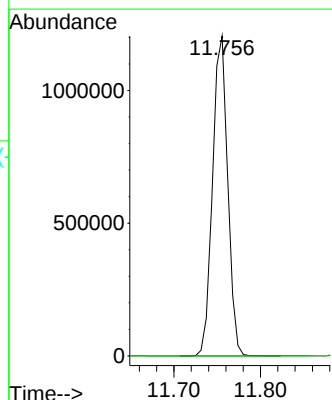
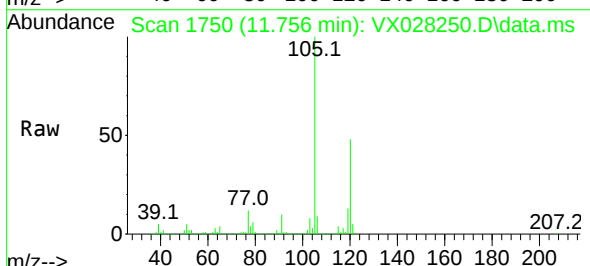
Acq: 21 Apr 2022 18:42

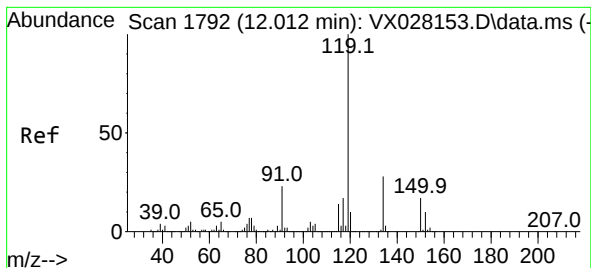
Tgt Ion:105 Resp: 1463368

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 1.523 ug/l

RT: 11.969 min Scan# 11

Delta R.T. -0.043 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

31579

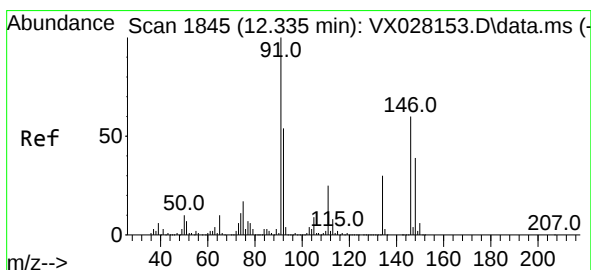
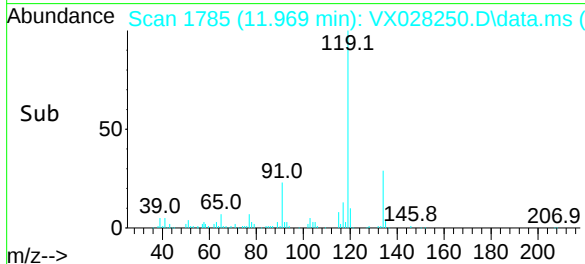
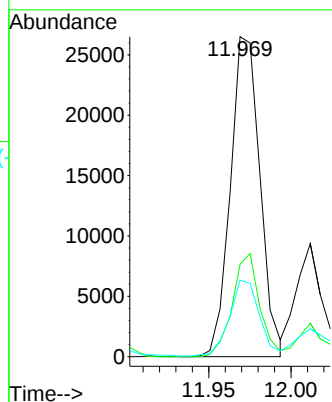
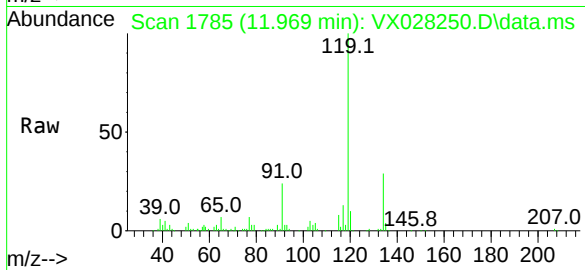
Tgt Ion:119 Resp: 33180

Ion Ratio Lower Upper

119 100

134 29.6 13.0 39.0

91 23.9 11.3 33.9



#89

n-Butylbenzene

Concen: 2.515 ug/l

RT: 12.323 min Scan# 1843

Delta R.T. -0.012 min

Lab File: VX028250.D

Acq: 21 Apr 2022 18:42

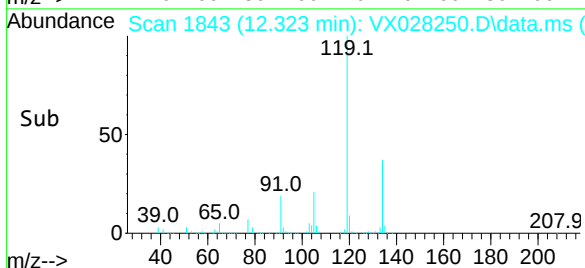
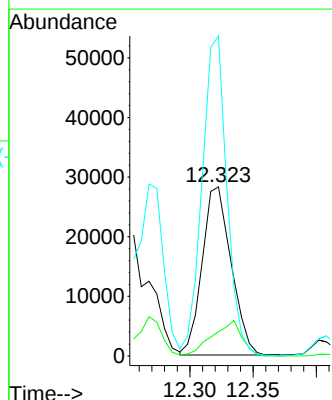
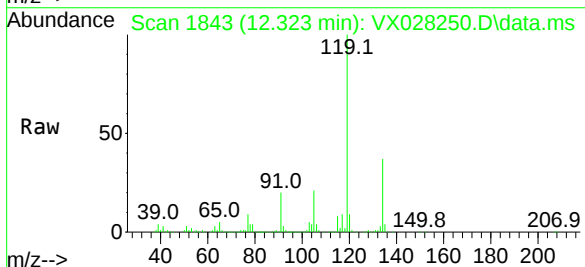
Tgt Ion: 91 Resp: 44990

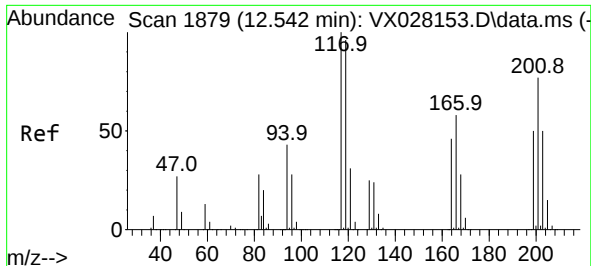
Ion Ratio Lower Upper

91 100

92 21.4 27.8 83.3#

134 163.2 13.3 39.8#

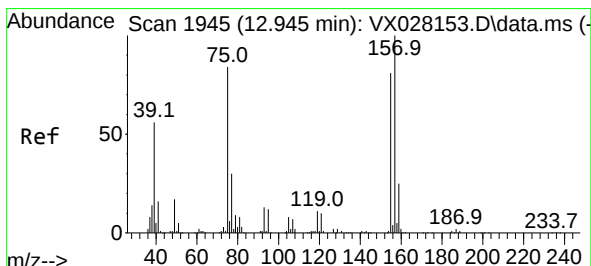
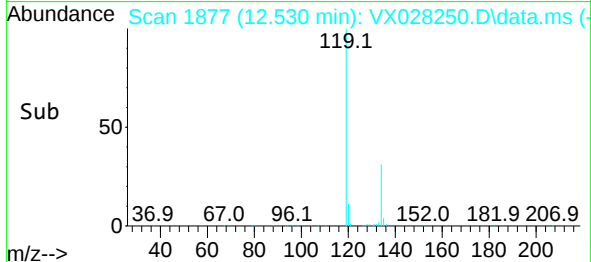
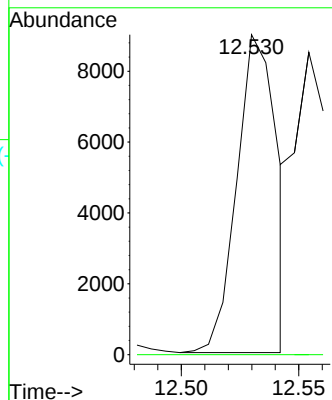
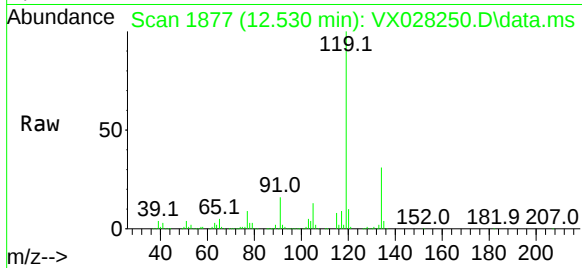




#90
Hexachloroethane
Concen: 4.428 ug/l
RT: 12.530 min Scan# 117
Delta R.T. -0.012 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

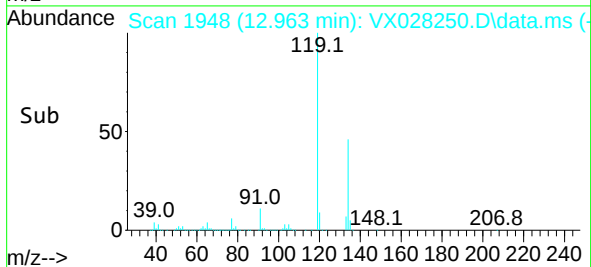
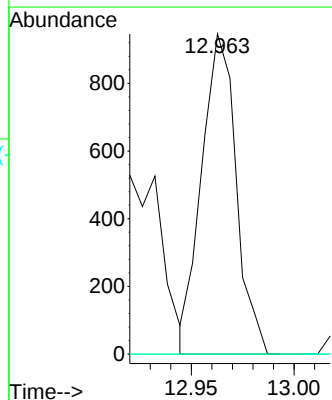
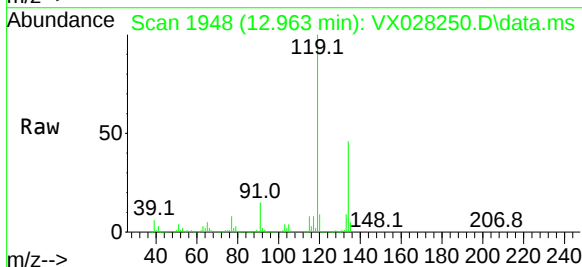
Instrument :
MSVOA_X
ClientSampleId :
31579

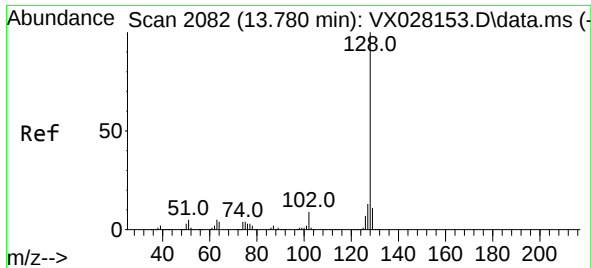
Tgt Ion:117 Resp: 10634
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.635 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

Tgt Ion: 75 Resp: 1106
Ion Ratio Lower Upper
75 100
155 0.0 47.0 141.2#
157 0.0 57.9 173.6#





#95

Naphthalene

Concen: 10.647 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX028250.D

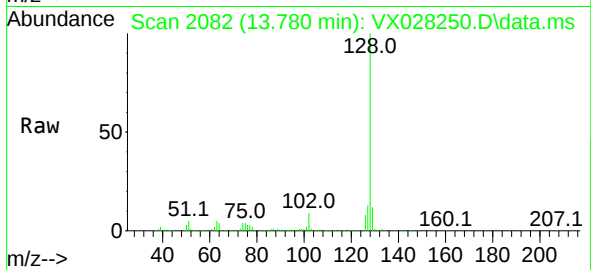
Acq: 21 Apr 2022 18:42

Instrument :

MSVOA_X

ClientSampleId :

31579



Tgt Ion:128 Resp: 247646

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.4 8.7 13.1

