

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035612.D
 Acq On : 11 May 2023 17:03
 Operator : JC/MD
 Sample : PB152715TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB152715TB

Quant Time: May 12 03:51:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	192596	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	344050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144060	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156159	46.477	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.960%
35) Dibromofluoromethane	5.385	113	113805	49.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.100%
50) Toluene-d8	8.647	98	422621	49.305	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.600%
62) 4-Bromofluorobenzene	11.079	95	175621	50.885	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.780%

Target Compounds				Qvalue		
3) Chloromethane	1.288	50	863	0.283	ug/l	# 78
5) Bromomethane	1.611	94	441	0.315	ug/l	# 40
11) Tert butyl alcohol	2.965	59	362	0.611	ug/l	# 73
13) Acrolein	2.233	56	407	0.578	ug/l	# 73
15) Acrylonitrile	3.069	53	355	0.272	ug/l	# 54
16) Acetone	2.386	43	39780	27.547	ug/l	92
17) Carbon Disulfide	2.514	76	2130	0.411	ug/l	98
18) Methyl Acetate	2.709	43	3048	0.572	ug/l	99
20) Methylene Chloride	2.788	84	9905	3.785	ug/l	91
25) 2-Butanone	4.568	43	4942	2.472	ug/l	95
29) Tetrahydrofuran	5.032	42	1093	0.870	ug/l	# 37
37) Ethyl Acetate	4.715	43	59027	15.452	ug/l	98
38) Carbon Tetrachloride	5.544	117	21726	6.262	ug/l	# 14
43) Isopropyl Acetate	6.336	43	237043	35.585	ug/l	100
48) Methyl methacrylate	7.799	41	196797	59.863	ug/l	# 46
49) 1,4-Dioxane	7.690	88	663	11.093	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	186826	48.683	ug/l	# 49
53) t-1,3-Dichloropropene	8.952	75	1641	0.421	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	78263	18.727	ug/l	# 59
57) 1,3-Dichloropropane	9.482	76	9851	2.139	ug/l	# 42
59) 2-Hexanone	9.482	43	146065	50.540	ug/l	# 50
64) Tetrachloroethene	9.269	164	507	0.237	ug/l	# 78
68) m/p-Xylenes	10.305	106	1501	0.311	ug/l	91
74) N-amyl acetate	10.640	43	60544	10.697	ug/l	# 53
76) 1,2,3-Trichloropropane	11.079	75	93850	26.634	ug/l	# 34
78) n-propylbenzene	11.299	91	3262	0.229	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	2635	0.255	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	93850	85.836	ug/l	# 8
82) 4-Chlorotoluene	11.457	91	2756	0.268	ug/l	93
83) tert-Butylbenzene	11.713	119	2146	0.214	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	2564	0.247	ug/l	97
85) sec-Butylbenzene	11.890	105	2645	0.210	ug/l	96
86) p-Isopropyltoluene	12.006	119	2793	0.270	ug/l	# 75
87) 1,3-Dichlorobenzene	11.969	146	1750	0.334	ug/l	94
88) 1,4-Dichlorobenzene	11.969	146	1750	0.331	ug/l	94
89) n-Butylbenzene	12.329	91	3334	0.354	ug/l	98

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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

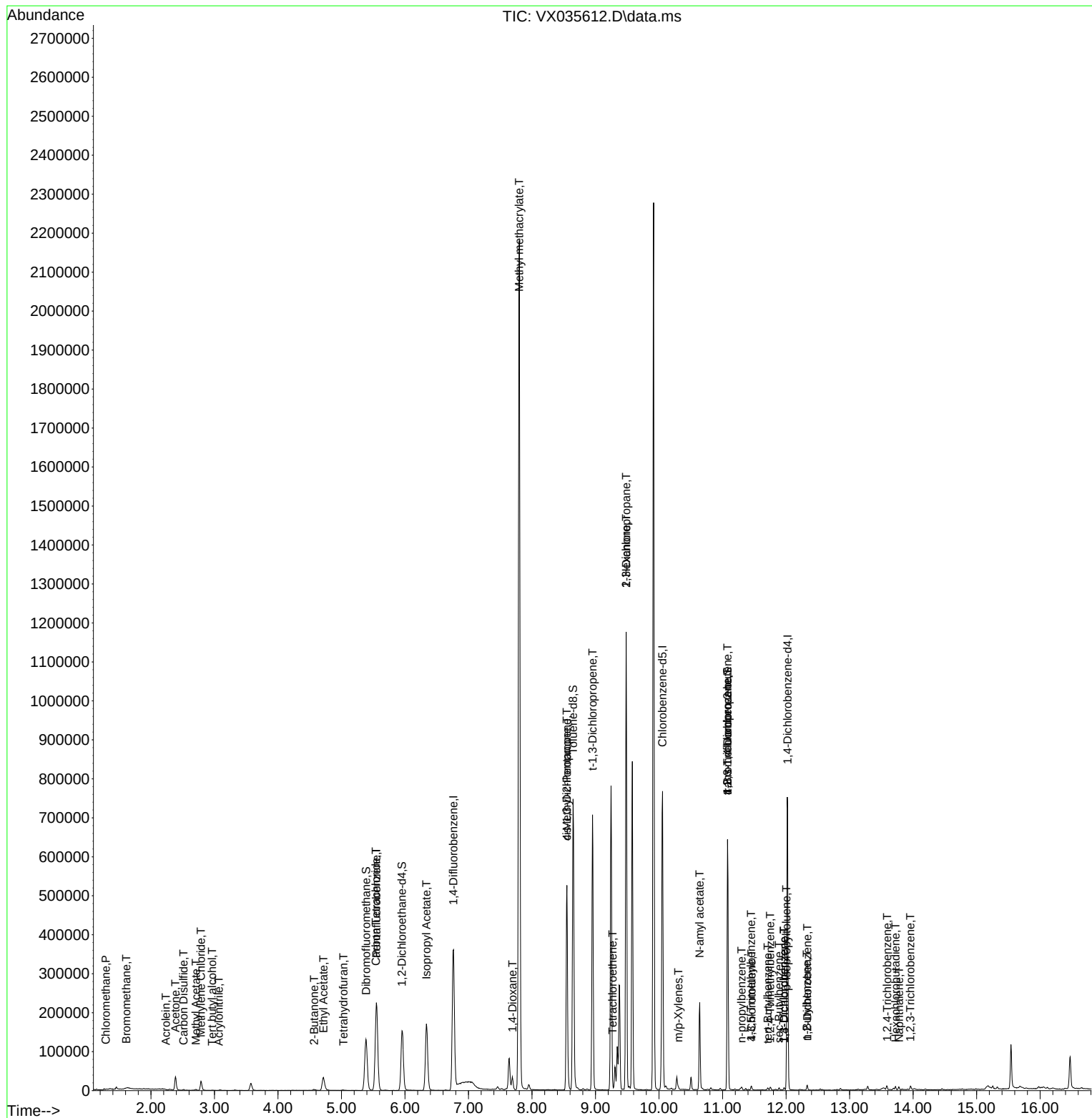
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	12.335	146	1454	0.284	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	2156	0.699	ug/l	93
94) Hexachlorobutadiene	13.725	225	898	0.733	ug/l	94
95) Naphthalene	13.780	128	4594	0.435	ug/l	98
96) 1,2,3-Trichlorobenzene	13.957	180	1900	0.626	ug/l	96

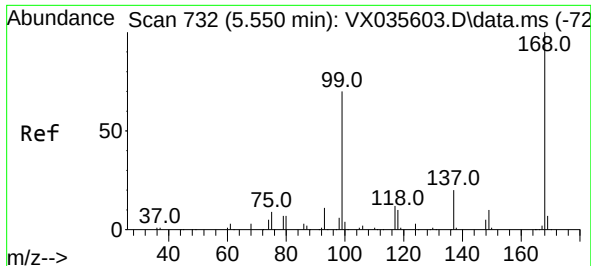
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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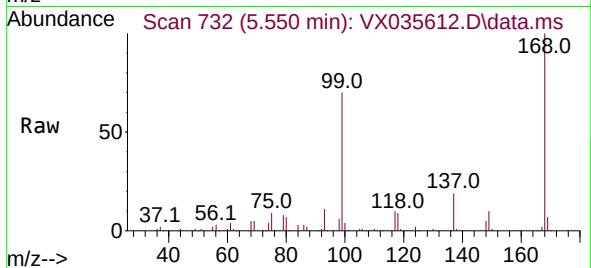
Quant Time: May 12 03:51:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
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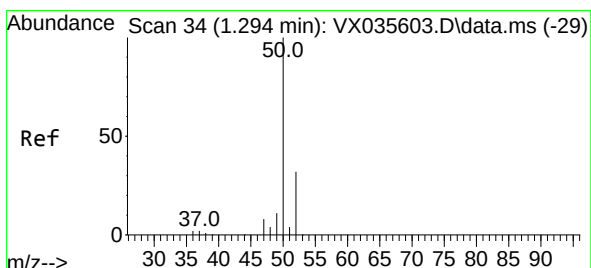
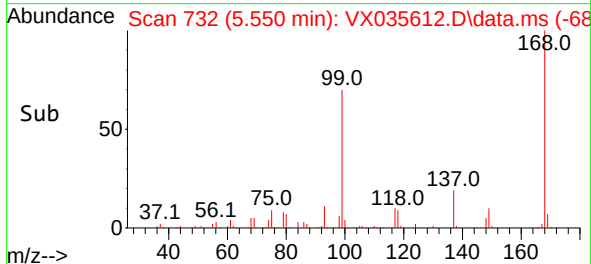
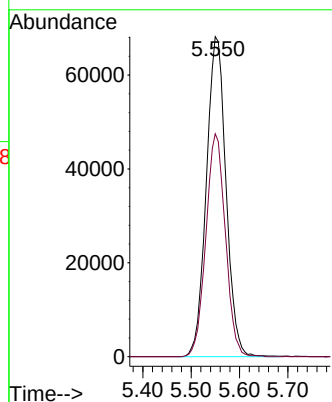


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035612.D
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Instrument :
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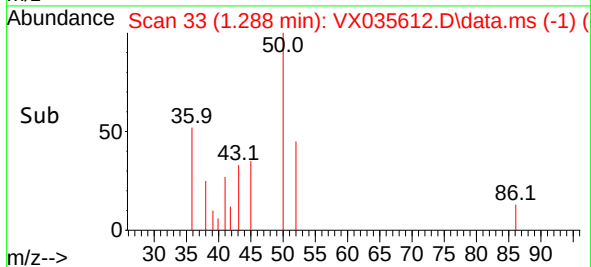
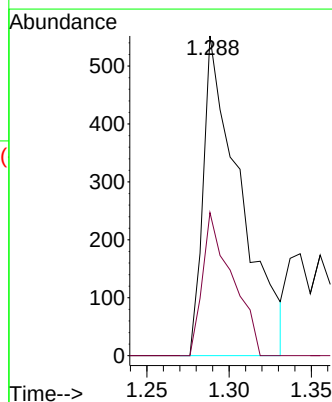
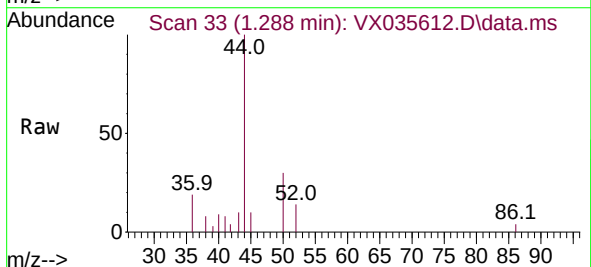


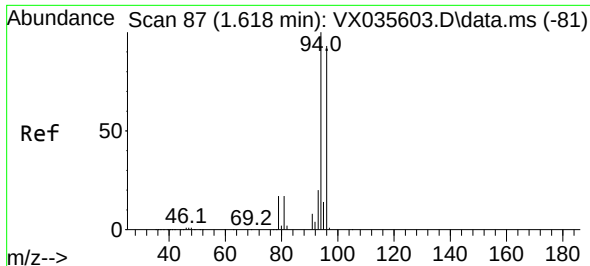
Tgt Ion:168 Resp: 192596
Ion Ratio Lower Upper
168 100
99 69.6 45.7 68.5#



#3
Chloromethane
Concen: 0.283 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

Tgt Ion: 50 Resp: 863
Ion Ratio Lower Upper
50 100
52 44.7 25.9 38.9#

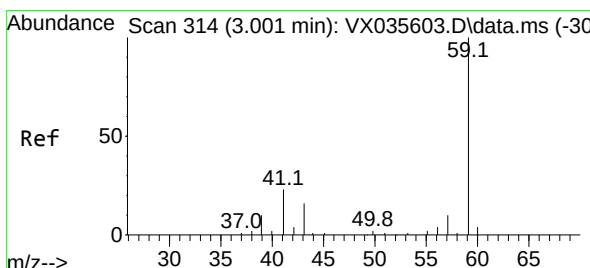
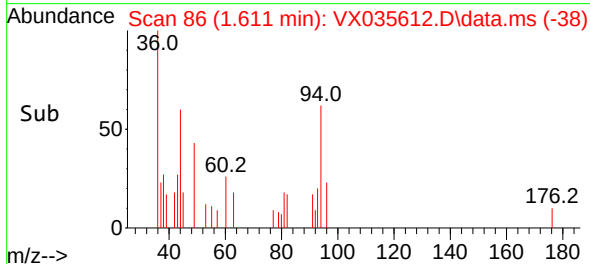
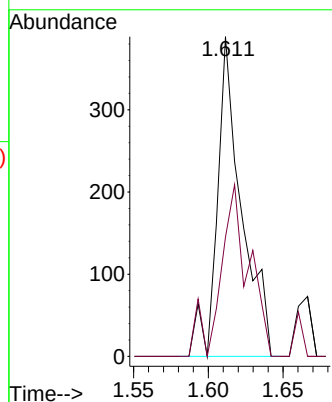
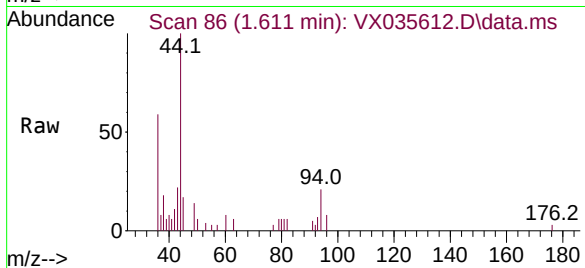




#5
Bromomethane
Concen: 0.315 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.007 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

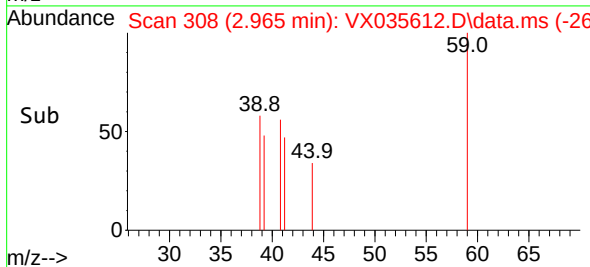
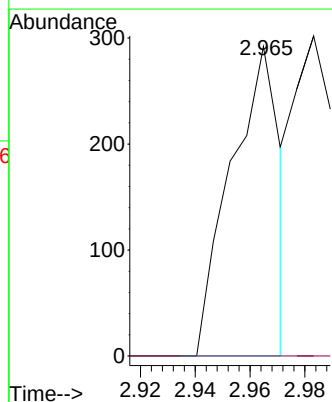
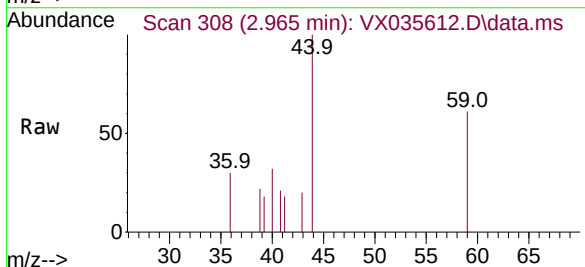
Instrument :
MSVOA_X
ClientSampleId :
PB152715TB

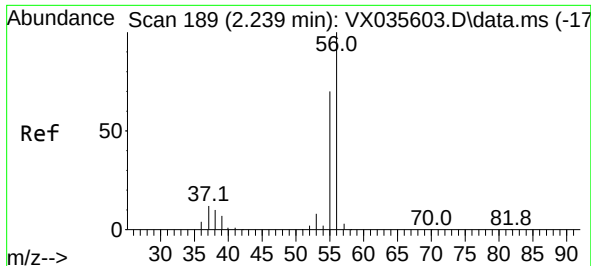
Tgt Ion: 94 Resp: 441
Ion Ratio Lower Upper
94 100
96 37.3 77.0 115.6#



#11
Tert butyl alcohol
Concen: 0.611 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.036 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

Tgt Ion: 59 Resp: 362
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

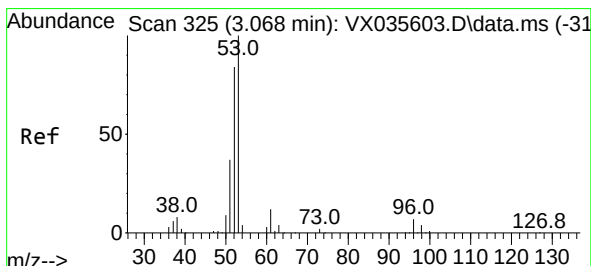
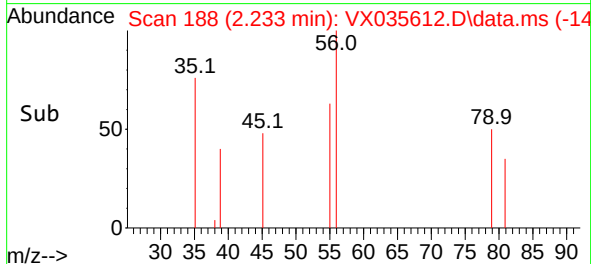
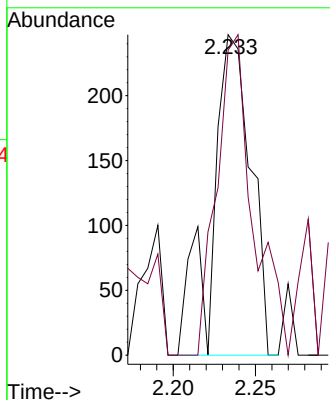
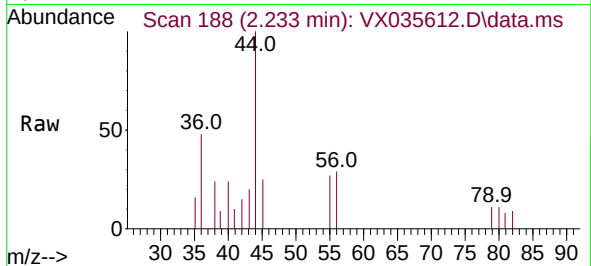




#13
Acrolein
Concen: 0.578 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

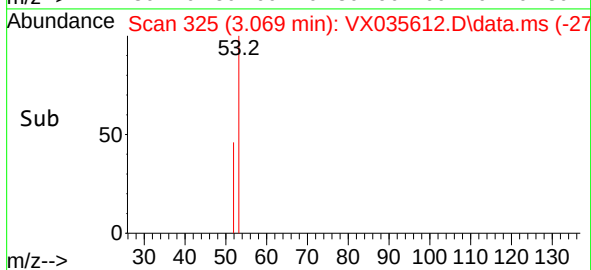
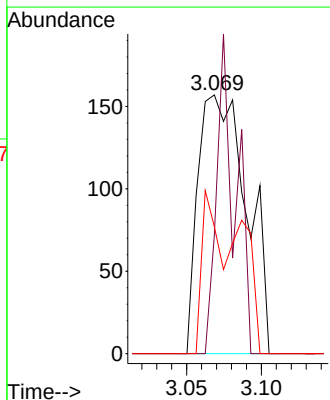
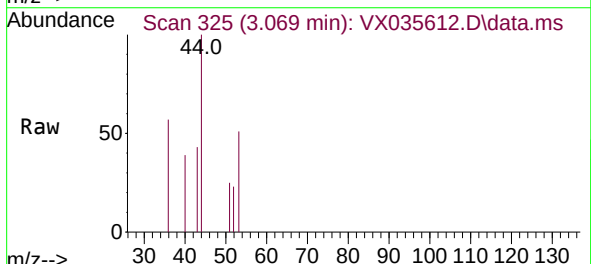
Instrument :
MSVOA_X
ClientSampleId :
PB152715TB

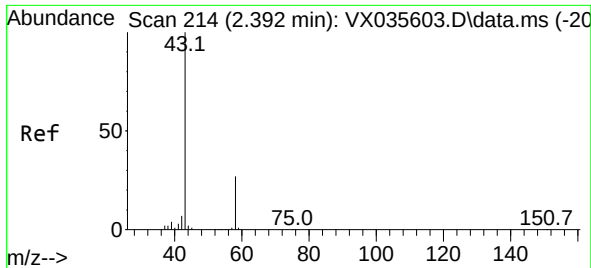
Tgt Ion: 56 Resp: 407
Ion Ratio Lower Upper
56 100
55 93.1 56.6 85.0#



#15
Acrylonitrile
Concen: 0.272 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.001 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

Tgt Ion: 53 Resp: 355
Ion Ratio Lower Upper
53 100
52 47.3 66.2 99.2#
51 0.0 28.3 42.5#





#16

Acetone

Concen: 27.547 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX035612.D

Acq: 11 May 2023 17:03

Instrument :

MSVOA_X

ClientSampleId :

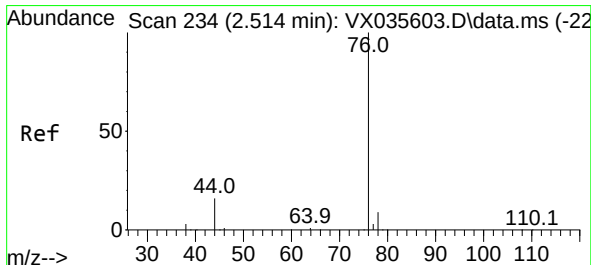
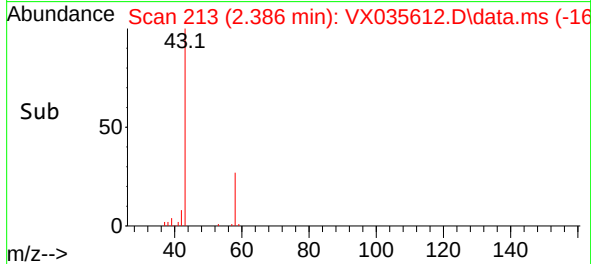
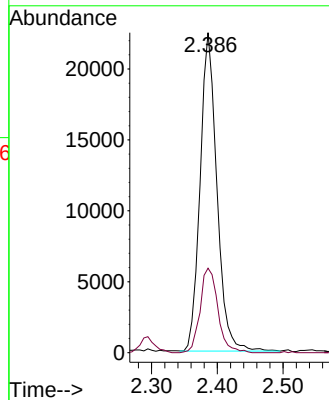
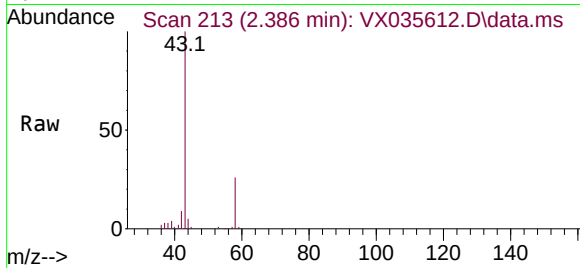
PB152715TB

Tgt Ion: 43 Resp: 39780

Ion Ratio Lower Upper

43 100

58 26.5 24.7 37.1



#17

Carbon Disulfide

Concen: 0.411 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX035612.D

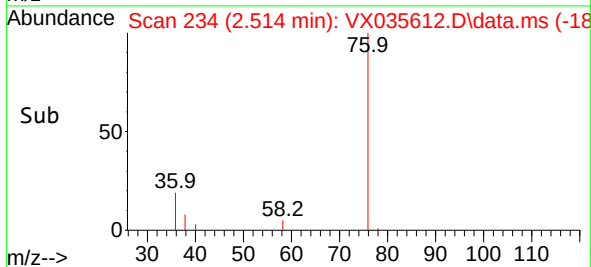
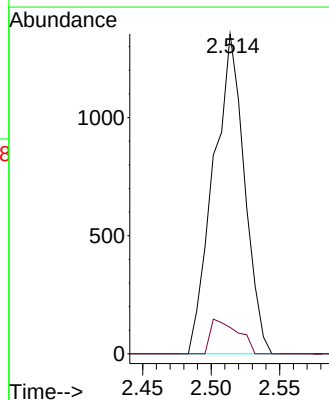
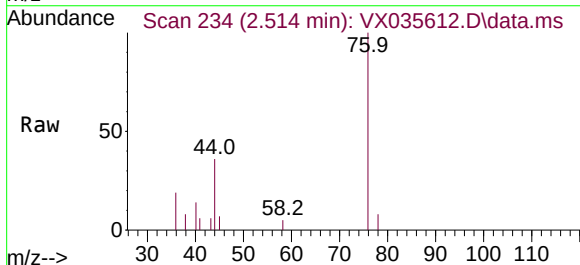
Acq: 11 May 2023 17:03

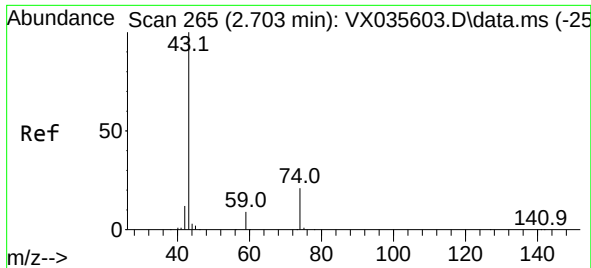
Tgt Ion: 76 Resp: 2130

Ion Ratio Lower Upper

76 100

78 8.3 7.2 10.8

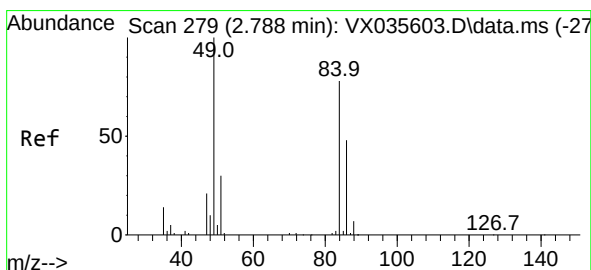
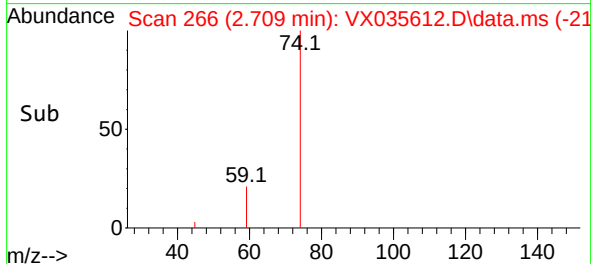
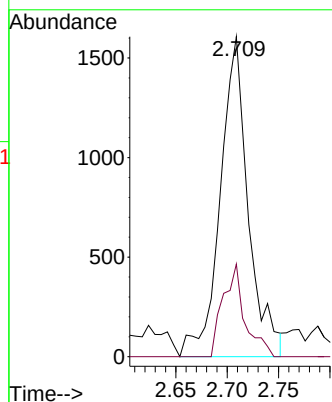
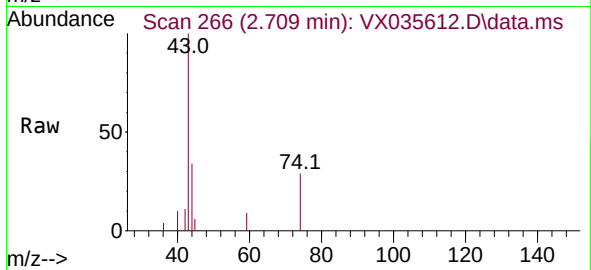




#18
Methyl Acetate
Concen: 0.572 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

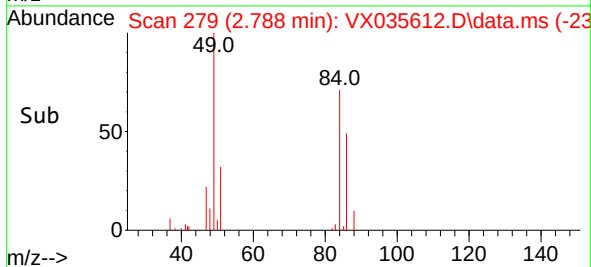
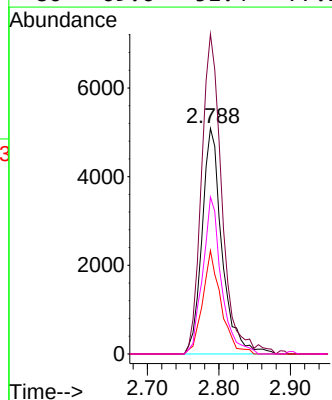
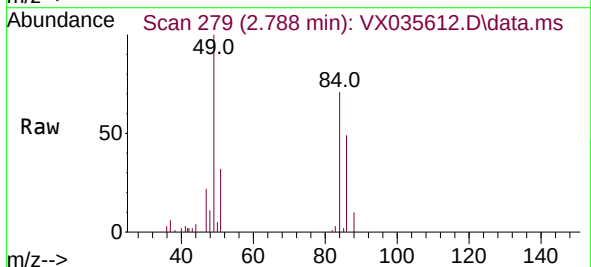
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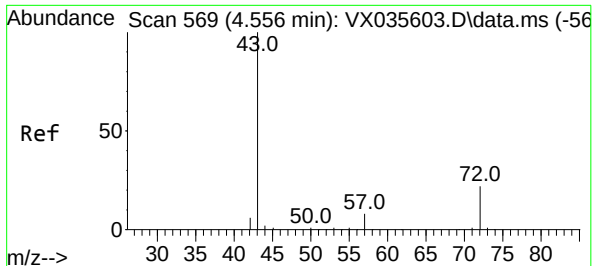
Tgt Ion: 43 Resp: 3048
Ion Ratio Lower Upper
43 100
74 22.6 18.3 27.5



#20
Methylene Chloride
Concen: 3.785 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035612.D
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Tgt Ion: 84 Resp: 9905
Ion Ratio Lower Upper
84 100
49 141.8 103.8 155.8
51 45.8 31.8 47.8
86 69.6 51.4 77.2

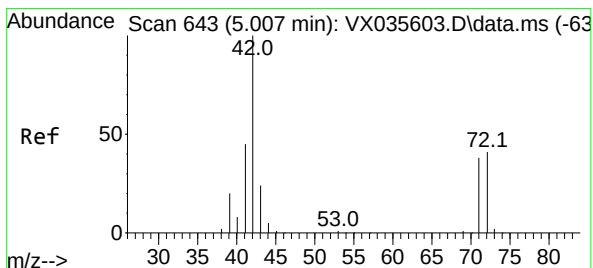
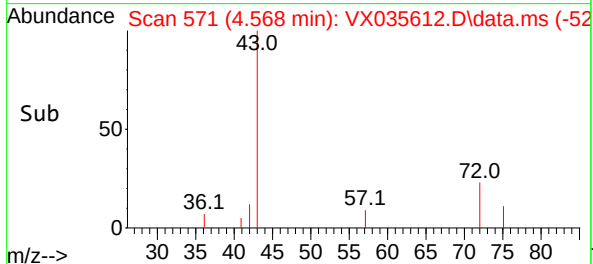
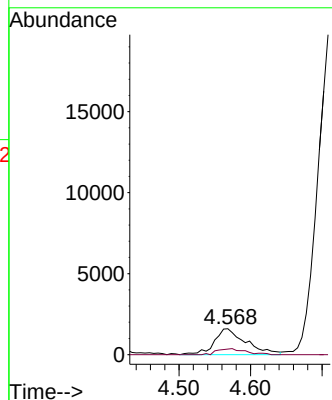
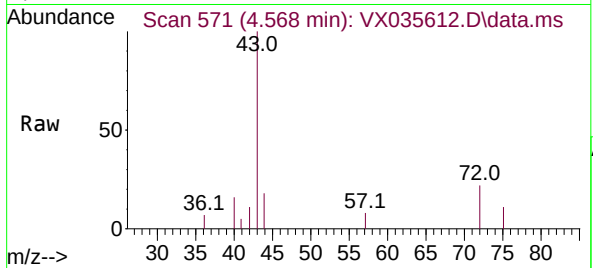




#25
2-Butanone
Concen: 2.472 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

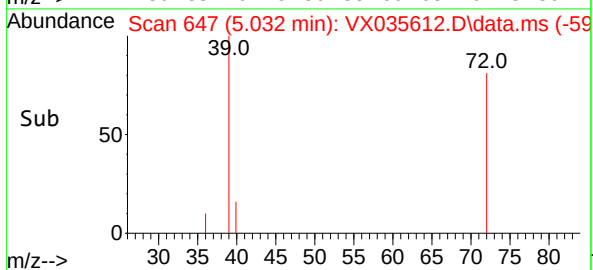
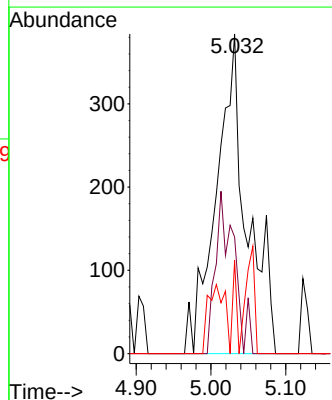
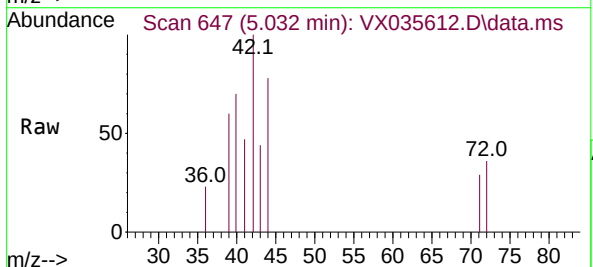
Instrument :
MSVOA_X
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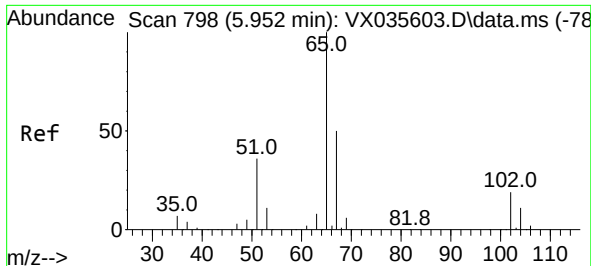
Tgt Ion: 43 Resp: 4942
Ion Ratio Lower Upper
43 100
72 21.5 19.3 28.9



#29
Tetrahydrofuran
Concen: 0.870 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.025 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

Tgt Ion: 42 Resp: 1093
Ion Ratio Lower Upper
42 100
72 0.0 34.5 51.7#
71 3.8 32.1 48.1#





#33

1,2-Dichloroethane-d4

Concen: 46.477 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035612.D

Acq: 11 May 2023 17:03

Instrument :

MSVOA_X

ClientSampleId :

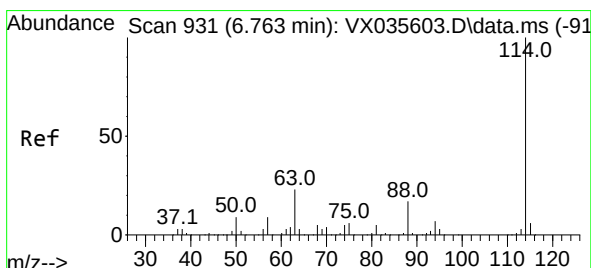
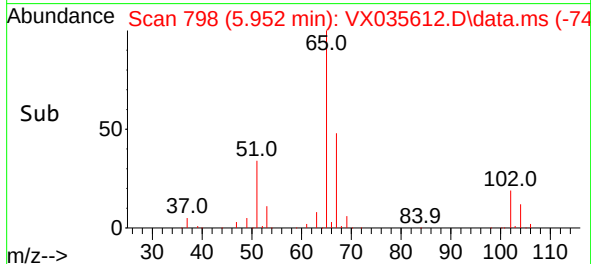
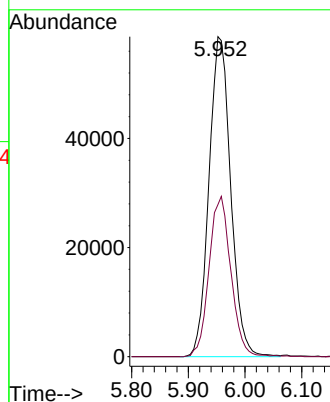
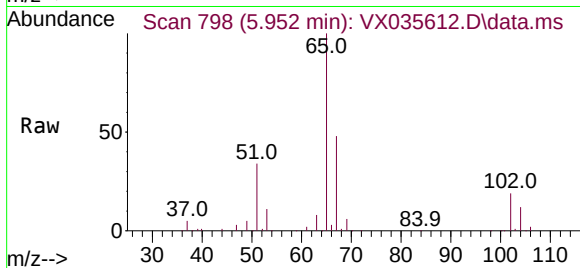
PB152715TB

Tgt Ion: 65 Resp: 156159

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035612.D

Acq: 11 May 2023 17:03

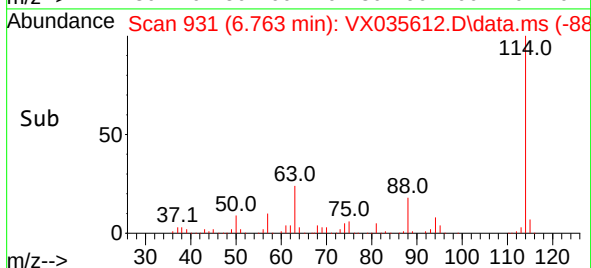
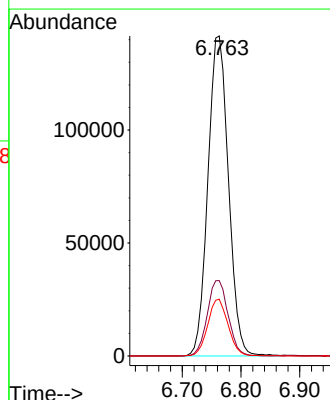
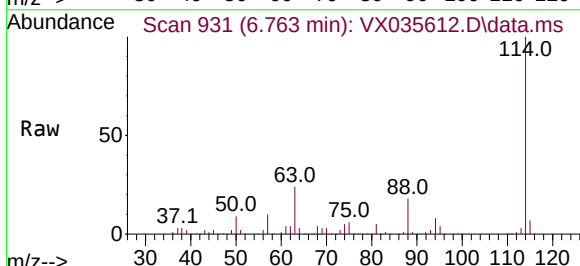
Tgt Ion: 114 Resp: 344050

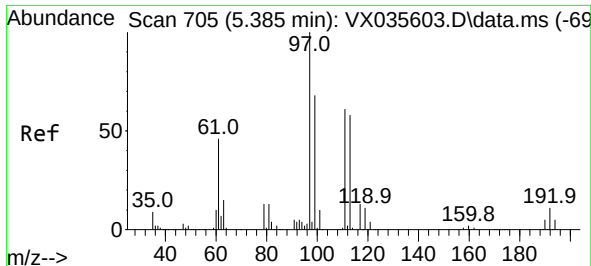
Ion Ratio Lower Upper

114 100

63 23.5 0.0 42.2

88 17.8 0.0 33.2

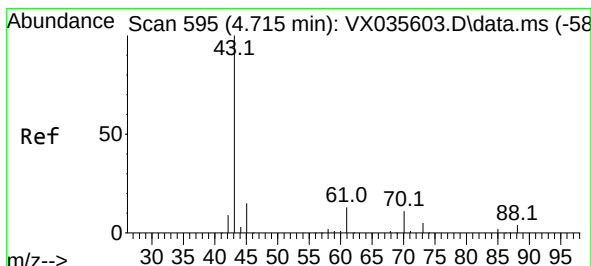
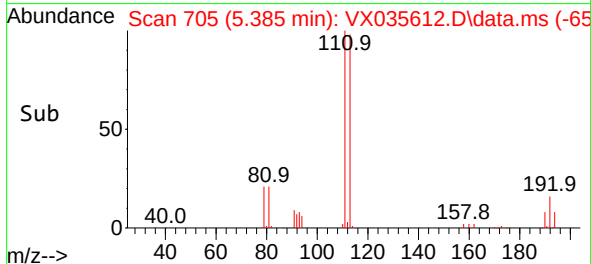
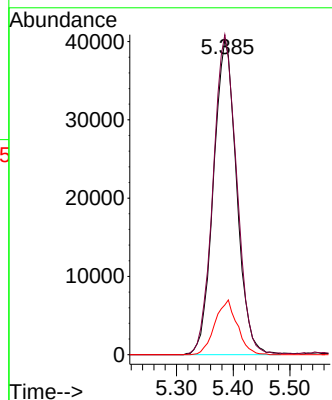
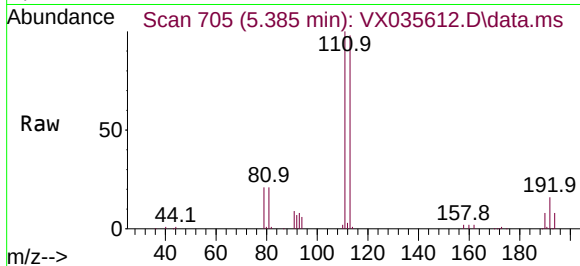




#35
Dibromofluoromethane
Concen: 49.048 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

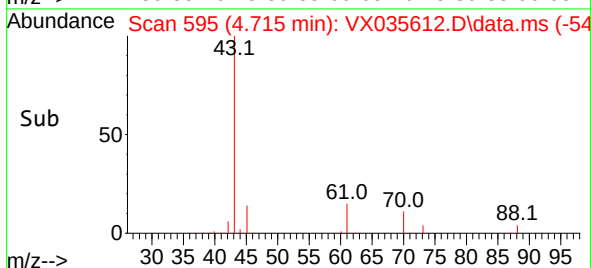
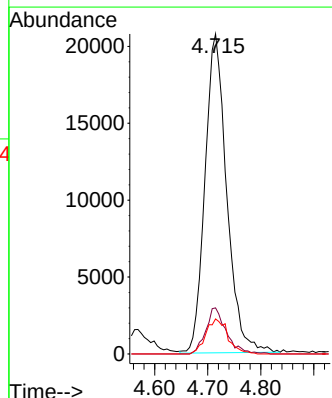
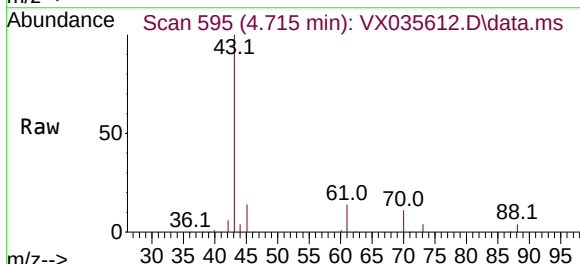
Instrument :
MSVOA_X
ClientSampleId :
PB152715TB

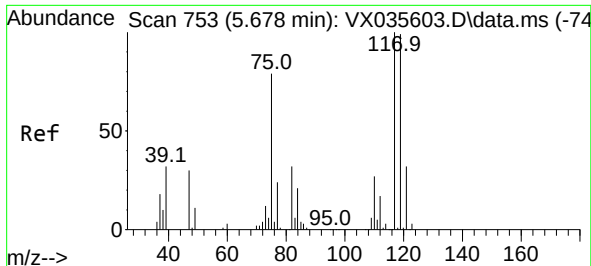
Tgt Ion:113 Resp: 113805
Ion Ratio Lower Upper
113 100
111 103.6 83.7 125.5
192 16.8 15.4 23.2



#37
Ethyl Acetate
Concen: 15.452 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

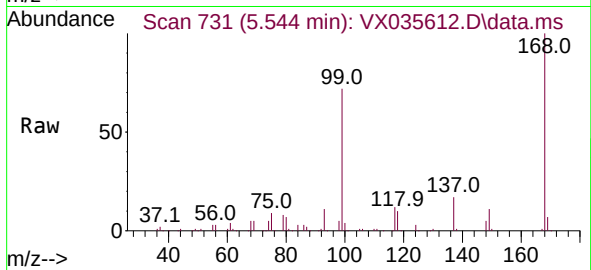
Tgt Ion: 43 Resp: 59027
Ion Ratio Lower Upper
43 100
61 13.7 10.2 15.4
70 11.1 8.2 12.4



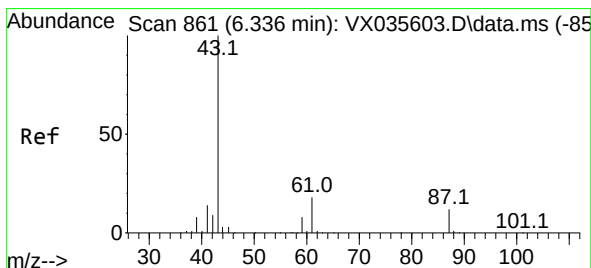
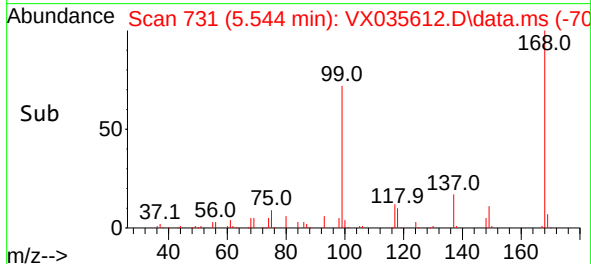
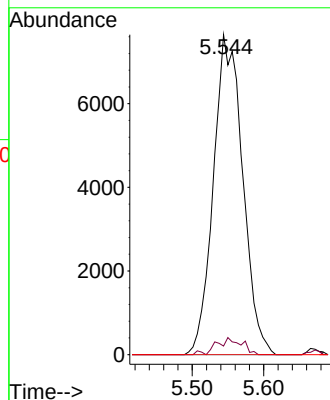


#38
Carbon Tetrachloride
Concen: 6.262 ug/l
RT: 5.544 min Scan# 753
Delta R.T. -0.134 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

Instrument :
MSVOA_X
ClientSampleId :
PB152715TB

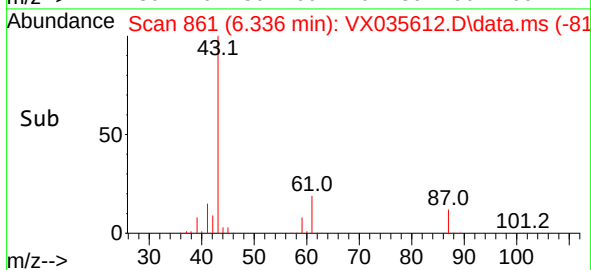
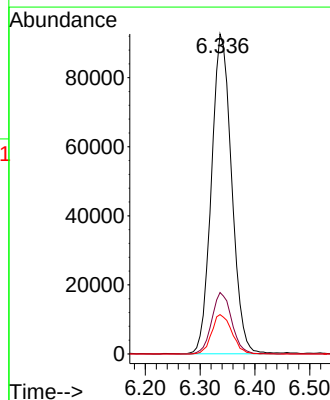
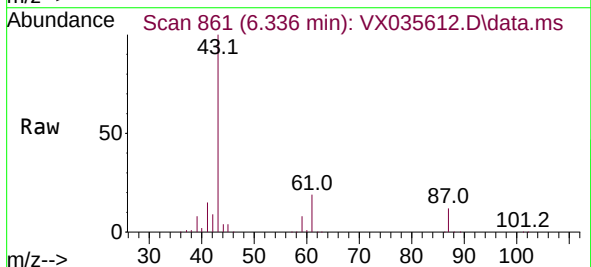


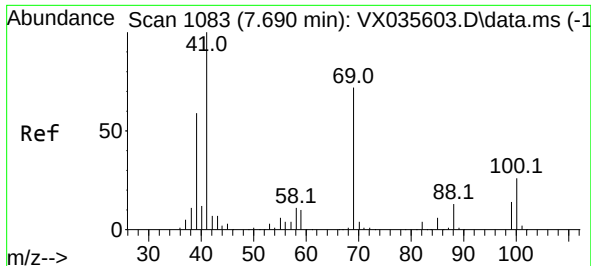
Tgt Ion:117 Resp: 21726
Ion Ratio Lower Upper
117 100
119 2.7 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 35.585 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

Tgt Ion: 43 Resp: 237043
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 12.3 9.8 14.8

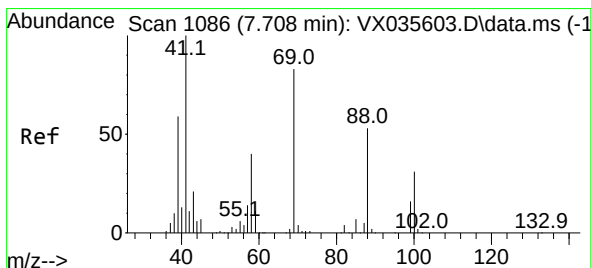
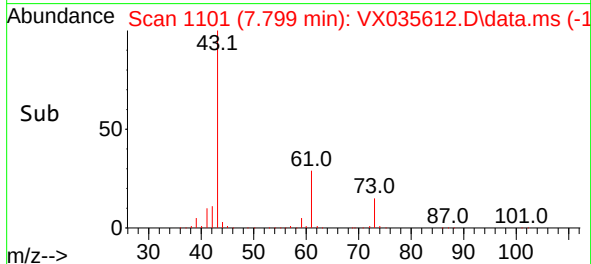
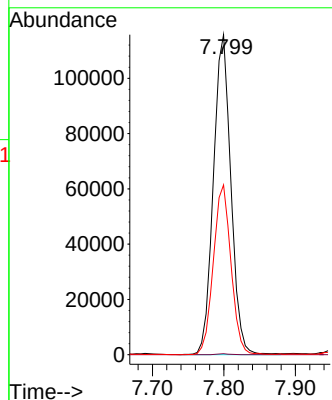
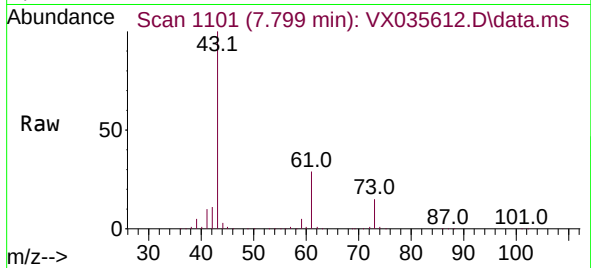




#48
Methyl methacrylate
Concen: 59.863 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.109 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

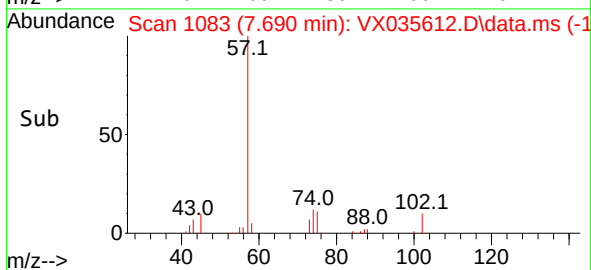
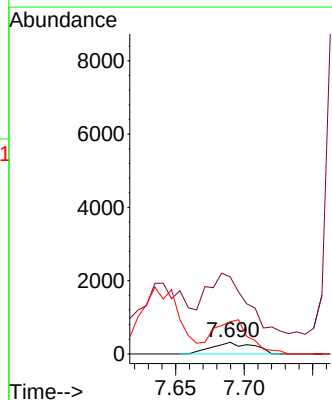
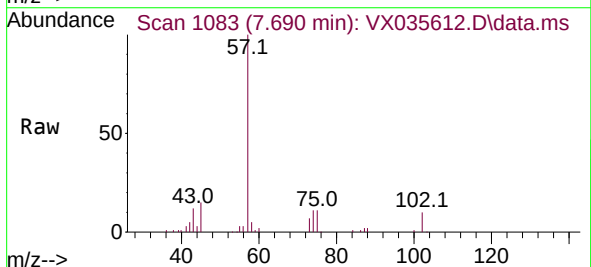
Instrument :
MSVOA_X
ClientSampleId :
PB152715TB

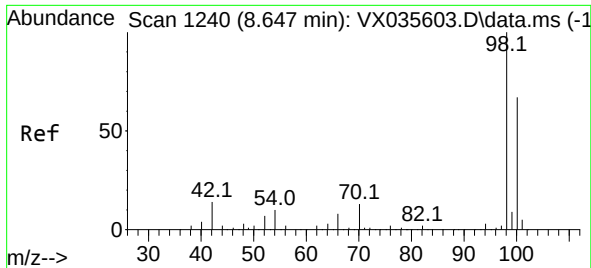
Tgt Ion: 41 Resp: 196797
Ion Ratio Lower Upper
41 100
69 0.2 62.2 93.4#
39 53.6 47.7 71.5



#49
1,4-Dioxane
Concen: 11.093 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.018 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

Tgt Ion: 88 Resp: 663
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 263.2 56.8 85.2#

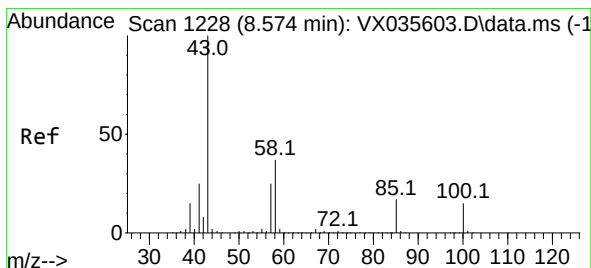
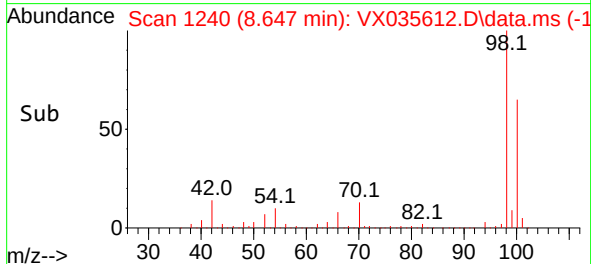
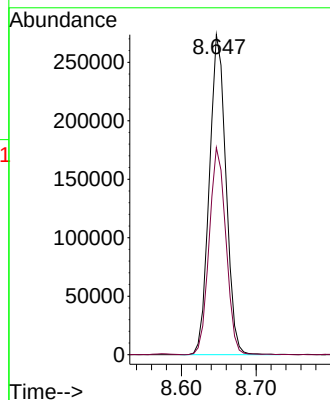
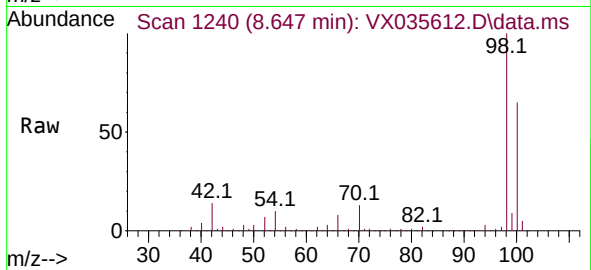




#50
Toluene-d8
Concen: 49.305 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

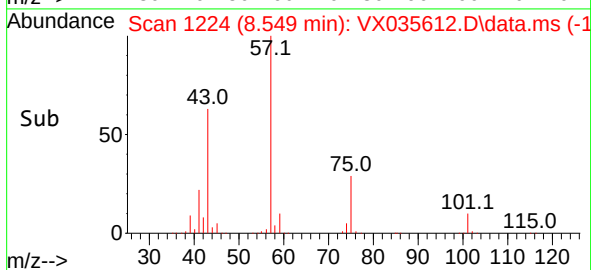
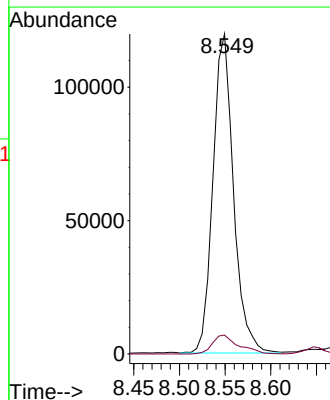
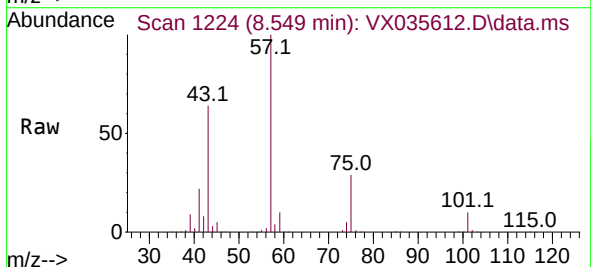
Instrument :
MSVOA_X
ClientSampleId :
PB152715TB

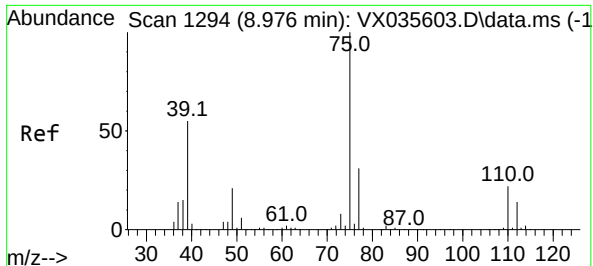
Tgt Ion: 98 Resp: 422621
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 48.683 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

Tgt Ion: 43 Resp: 186826
Ion Ratio Lower Upper
43 100
58 7.5 30.6 46.0#





#53

t-1,3-Dichloropropene

Concen: 0.421 ug/l

RT: 8.952 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX035612.D

Acq: 11 May 2023 17:03

Instrument :

MSVOA_X

ClientSampleId :

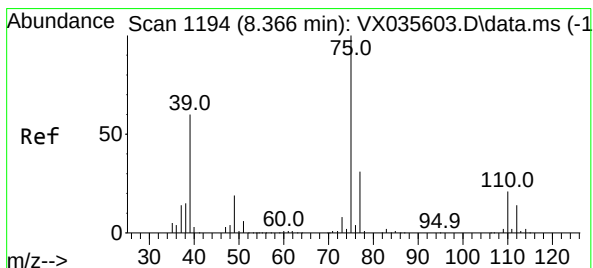
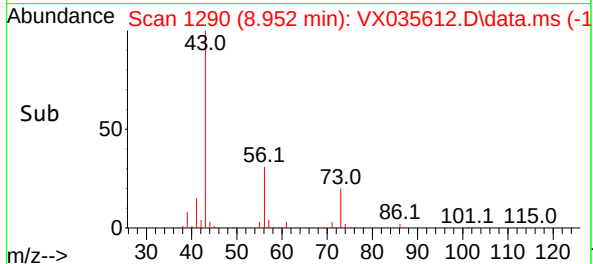
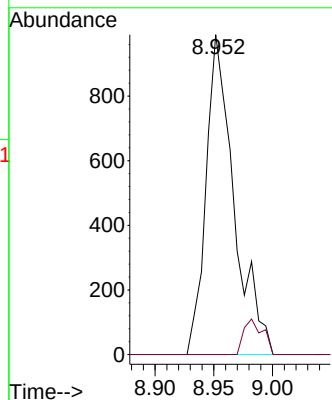
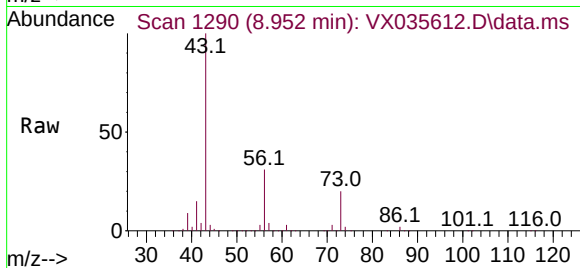
PB152715TB

Tgt Ion: 75 Resp: 1641

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#



#54

cis-1,3-Dichloropropene

Concen: 18.727 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX035612.D

Acq: 11 May 2023 17:03

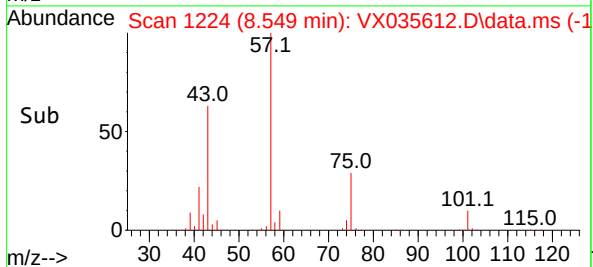
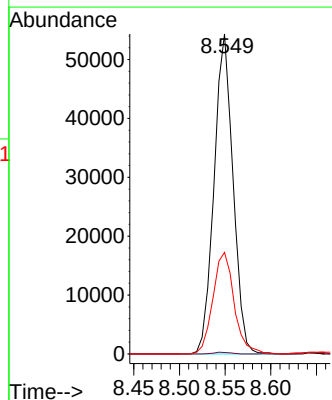
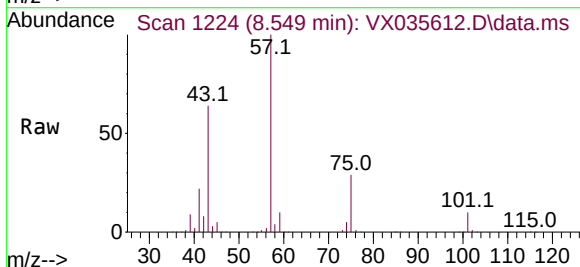
Tgt Ion: 75 Resp: 78263

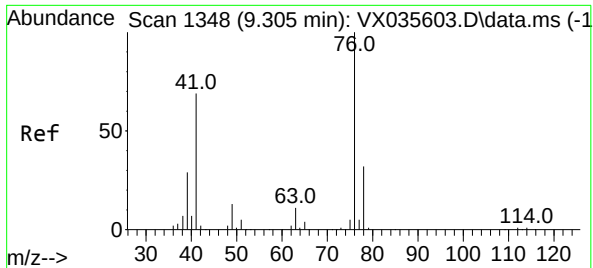
Ion Ratio Lower Upper

75 100

77 0.4 25.0 37.4#

39 31.8 44.6 66.8#

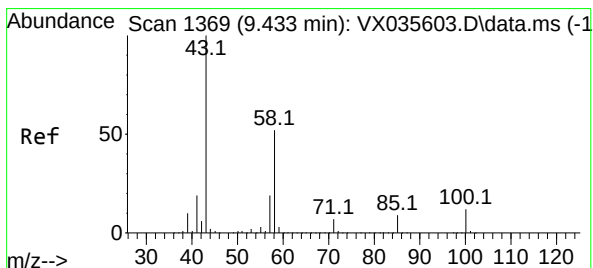
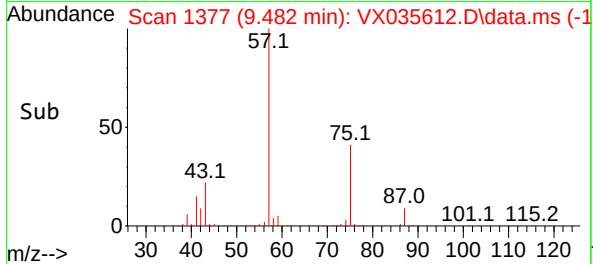
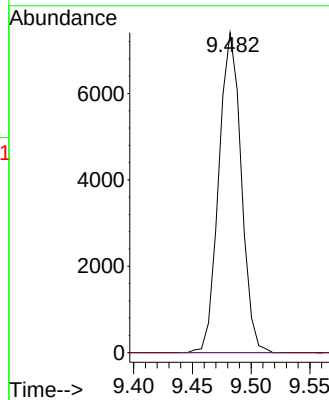
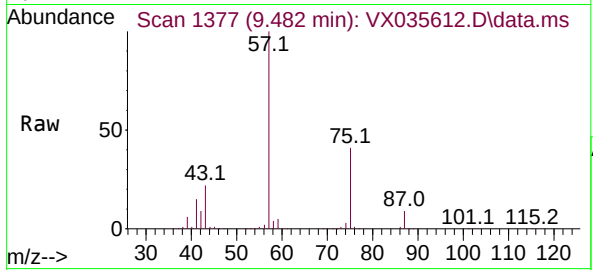




#57
1,3-Dichloropropane
Concen: 2.139 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

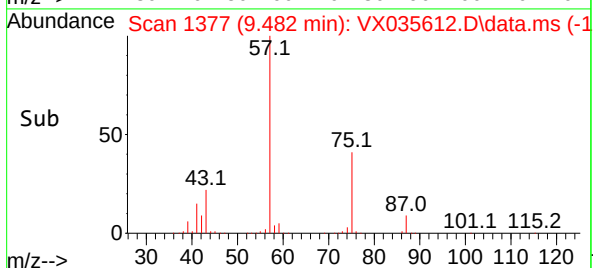
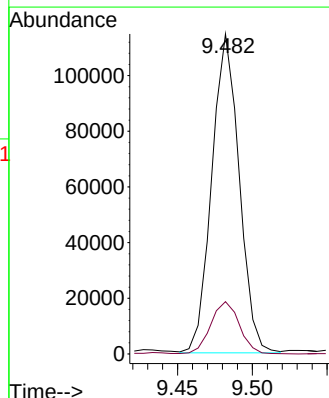
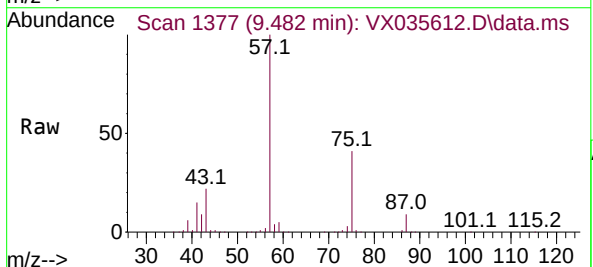
Instrument :
MSVOA_X
ClientSampleId :
PB152715TB

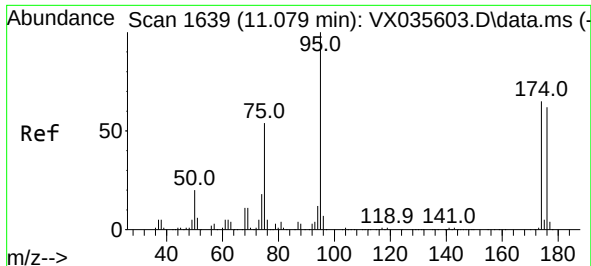
Tgt Ion: 76 Resp: 9851
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#



#59
2-Hexanone
Concen: 50.540 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

Tgt Ion: 43 Resp: 146065
Ion Ratio Lower Upper
43 100
58 17.2 26.3 78.9#

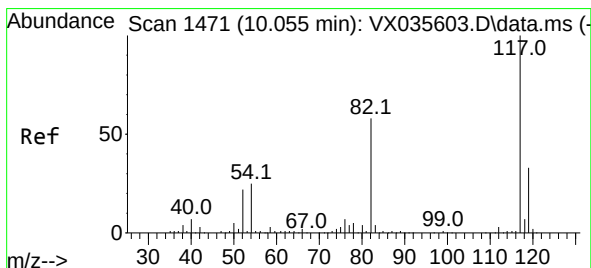
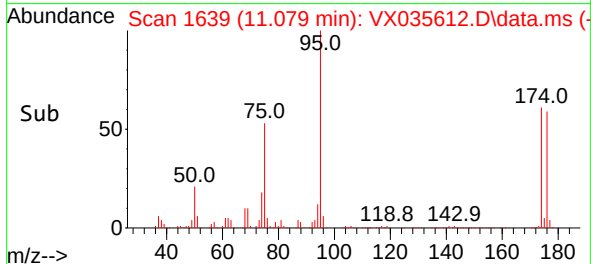
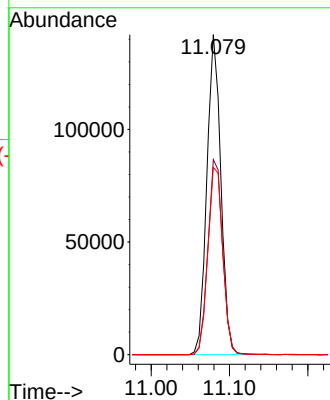
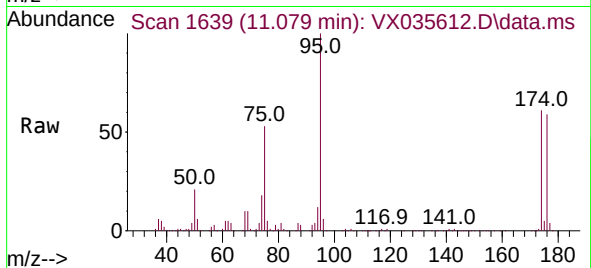




#62
4-Bromofluorobenzene
Concen: 50.885 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

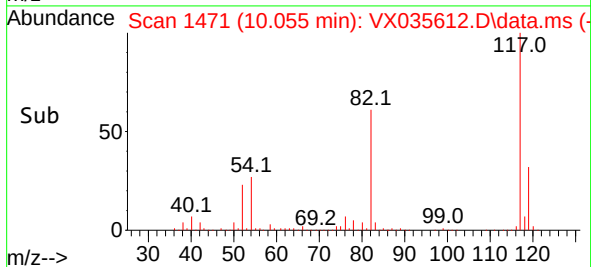
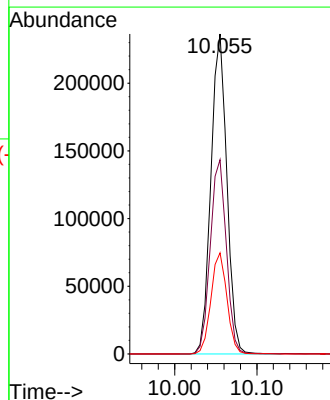
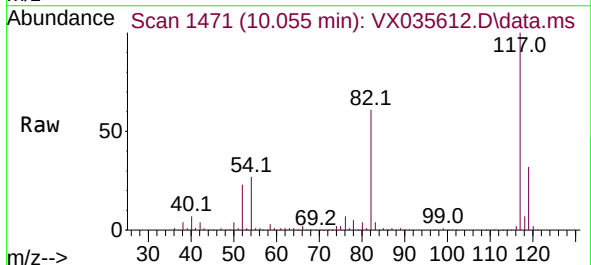
Instrument :
MSVOA_X
ClientSampleId :
PB152715TB

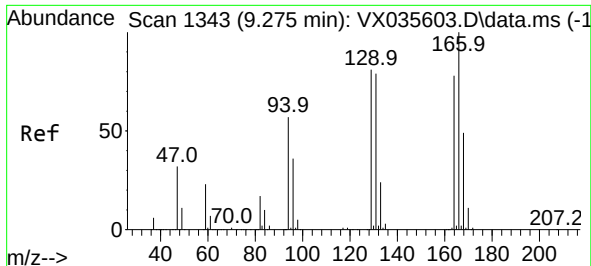
Tgt Ion: 95 Resp: 175621
Ion Ratio Lower Upper
95 100
174 64.1 0.0 147.4
176 62.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

Tgt Ion: 117 Resp: 317992
Ion Ratio Lower Upper
117 100
82 60.7 45.0 67.4
119 31.6 26.0 39.0

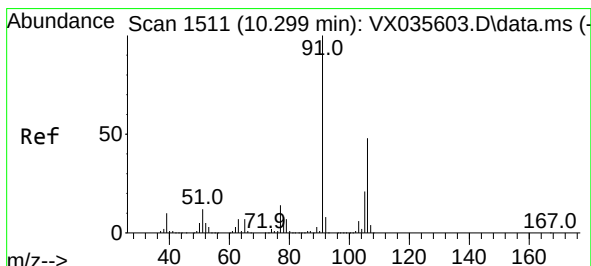
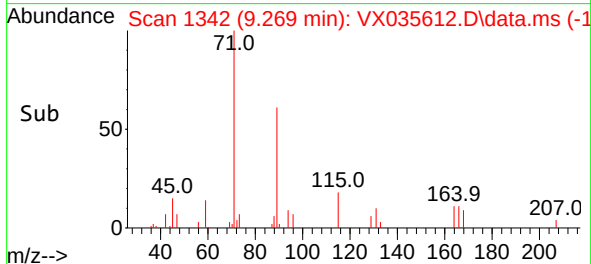
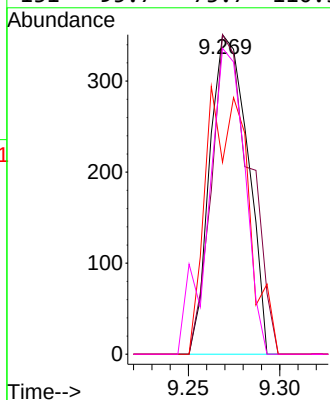
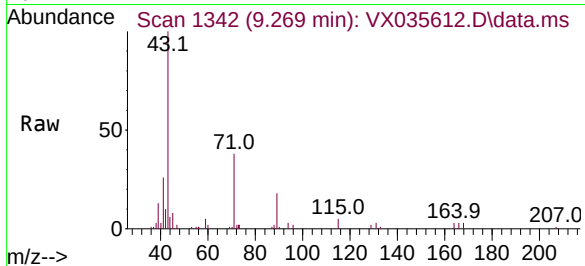




#64
Tetrachloroethene
Concen: 0.237 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

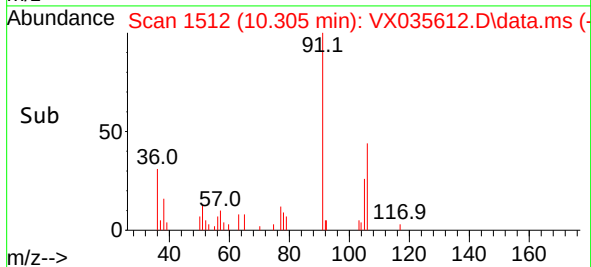
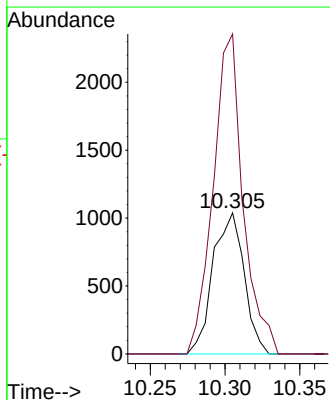
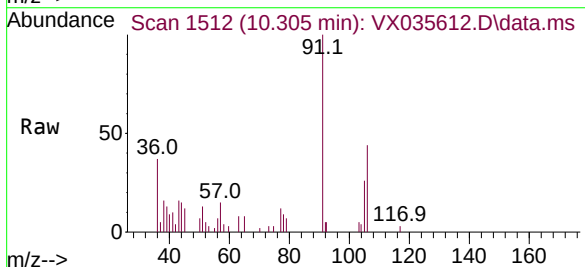
Instrument :
MSVOA_X
ClientSampleId :
PB152715TB

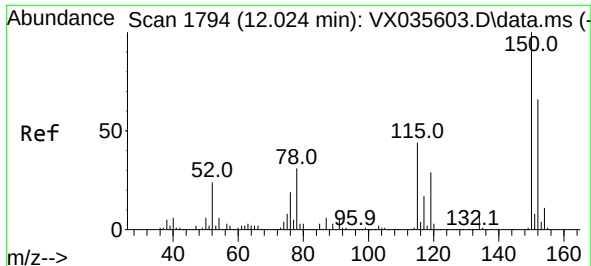
Tgt Ion:164 Resp: 507
Ion Ratio Lower Upper
164 100
166 100.0 102.7 154.1#
129 60.1 75.6 113.4#
131 95.7 73.7 110.5



#68
m/p-Xylenes
Concen: 0.311 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

Tgt Ion:106 Resp: 1501
Ion Ratio Lower Upper
106 100
91 218.2 164.0 246.0

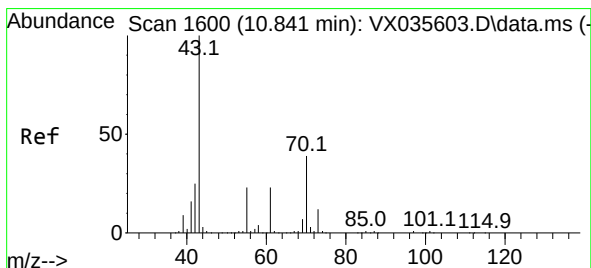
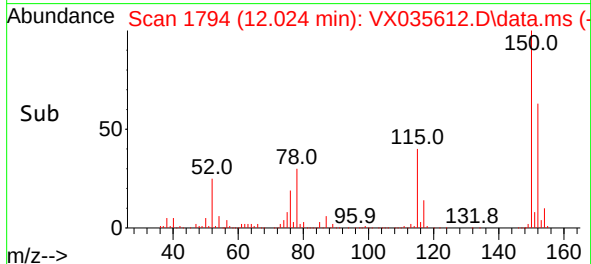
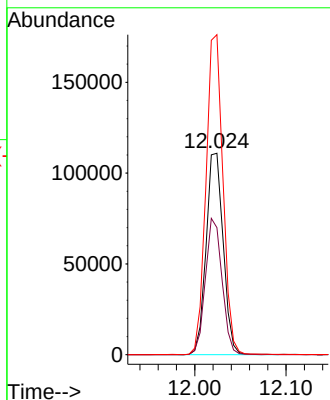
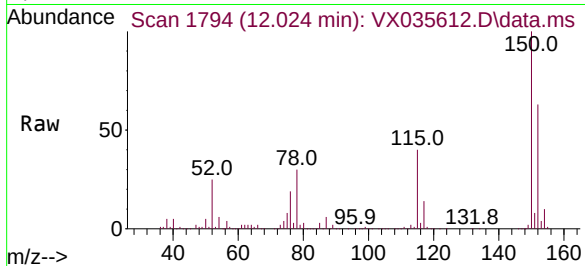




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

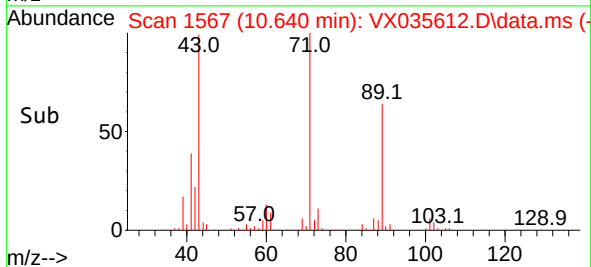
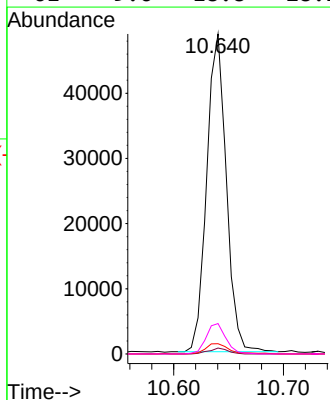
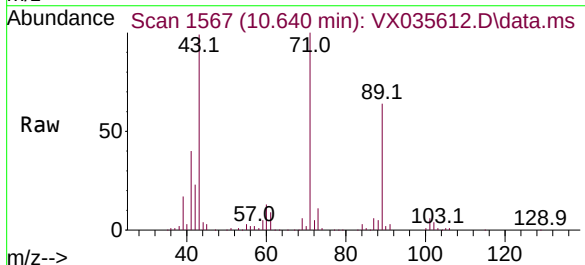
Instrument :
MSVOA_X
ClientSampleId :
PB152715TB

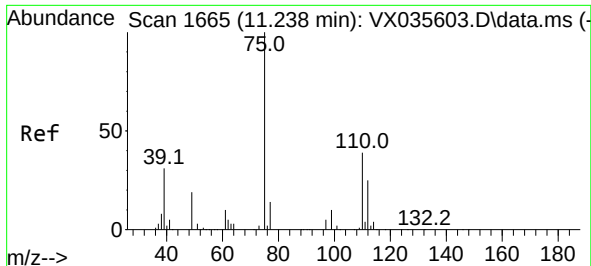
Tgt Ion:152 Resp: 144060
Ion Ratio Lower Upper
152 100
115 65.8 45.0 135.0
150 157.4 0.0 352.4



#74
N-ethyl acetate
Concen: 10.697 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

Tgt Ion: 43 Resp: 60544
Ion Ratio Lower Upper
43 100
70 1.8 32.1 48.1#
55 4.0 18.3 27.5#
61 9.6 18.8 28.2#

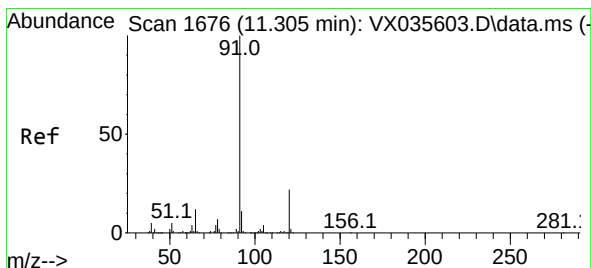
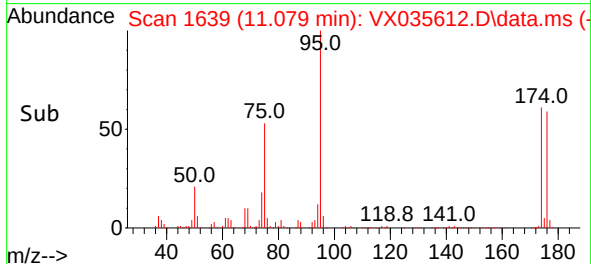
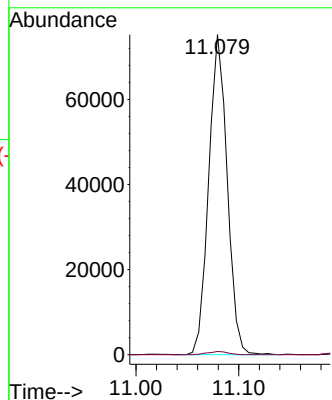
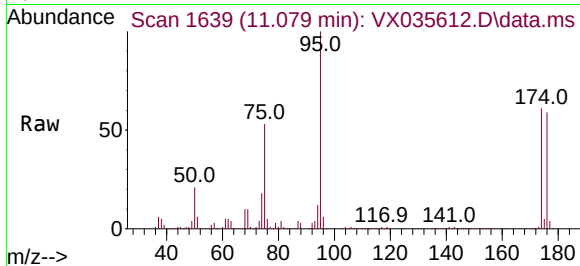




#76
1,2,3-Trichloropropane
Concen: 26.634 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

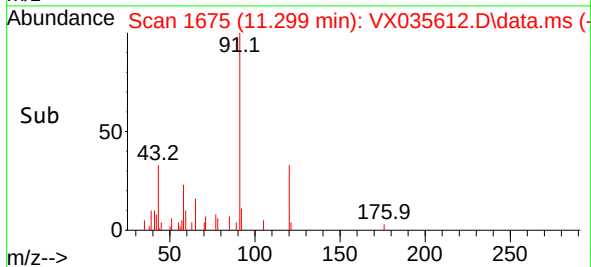
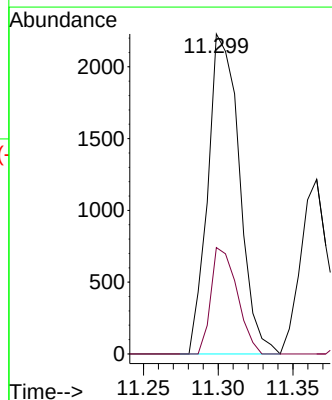
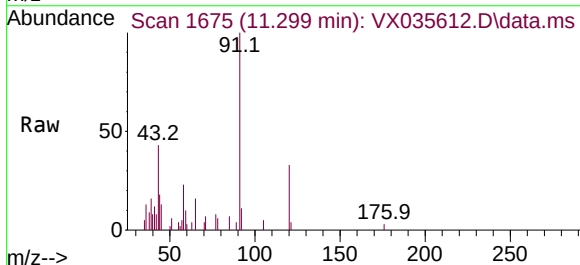
Instrument :
MSVOA_X
ClientSampleId :
PB152715TB

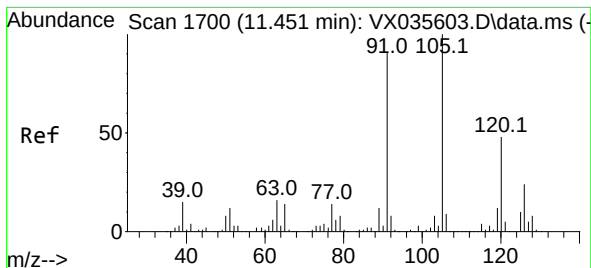
Tgt Ion: 75 Resp: 93850
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#78
n-propylbenzene
Concen: 0.229 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

Tgt Ion: 91 Resp: 3262
Ion Ratio Lower Upper
91 100
120 27.6 11.5 34.5





#80

1,3,5-Trimethylbenzene

Concen: 0.255 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035612.D

Acq: 11 May 2023 17:03

Instrument :

MSVOA_X

ClientSampleId :

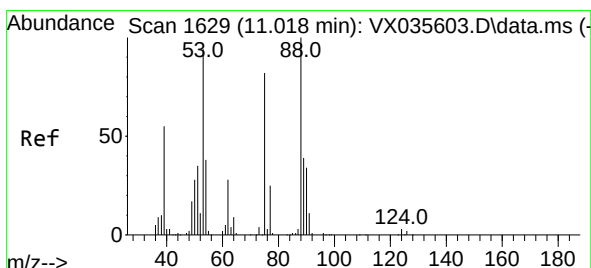
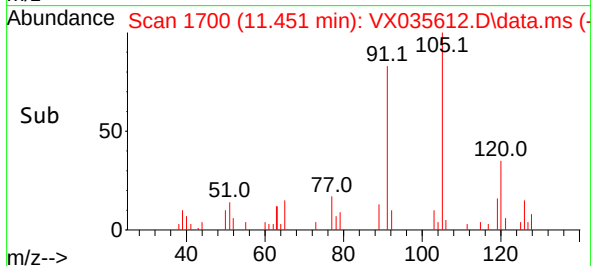
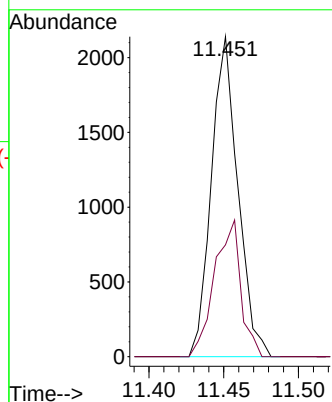
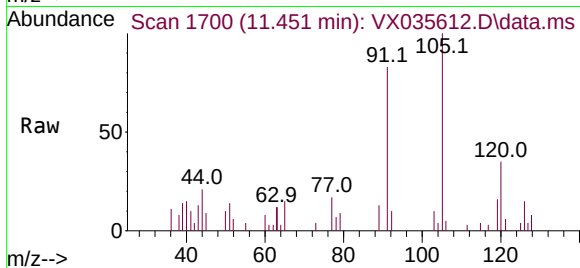
PB152715TB

Tgt Ion:105 Resp: 2635

Ion Ratio Lower Upper

105 100

120 42.4 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 85.836 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035612.D

Acq: 11 May 2023 17:03

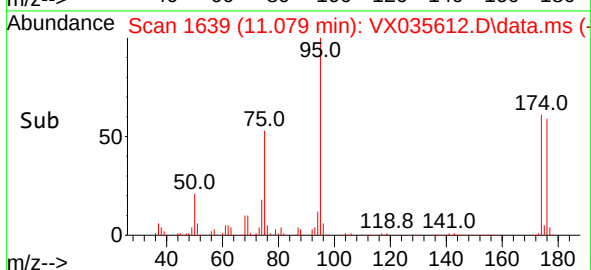
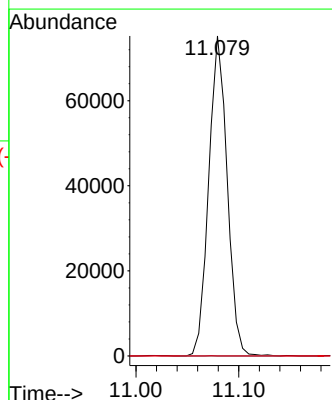
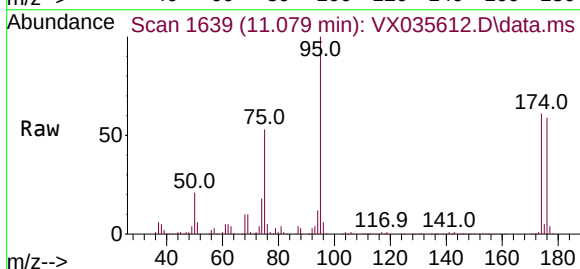
Tgt Ion: 75 Resp: 93850

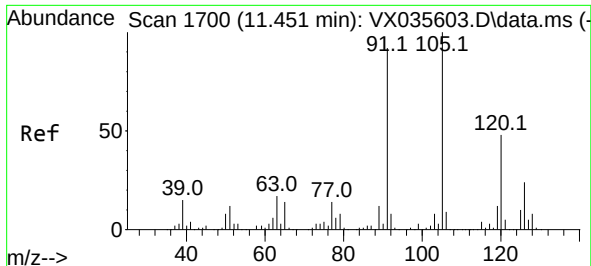
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

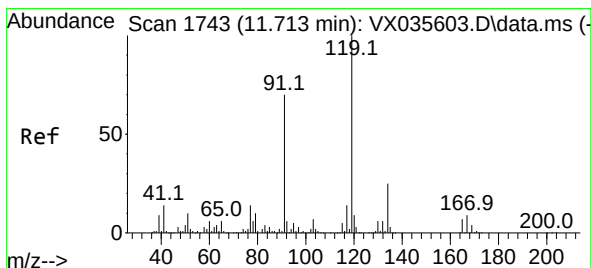
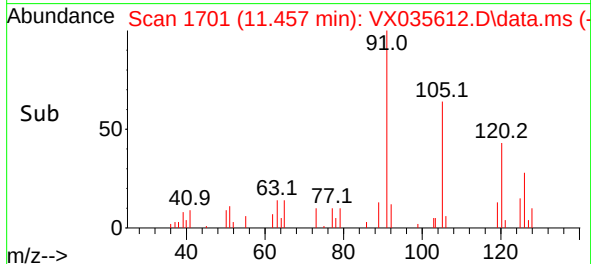
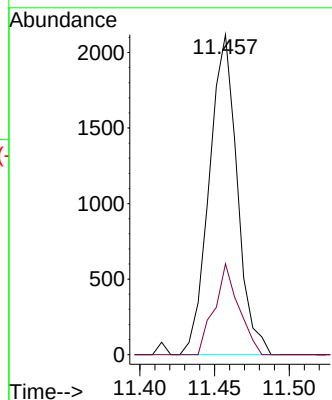
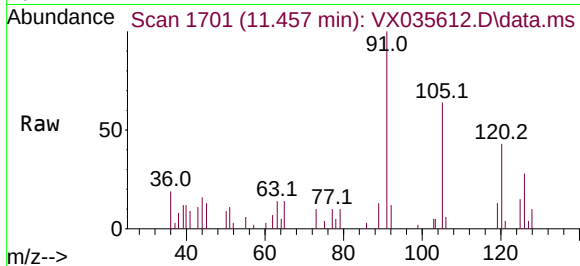




#82
4-Chlorotoluene
Concen: 0.268 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

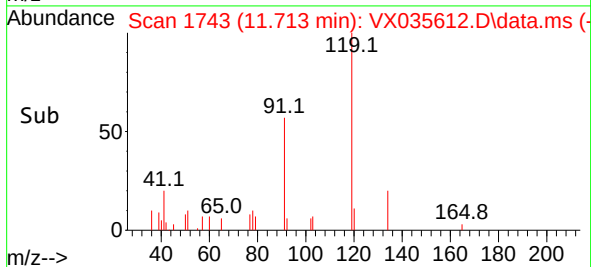
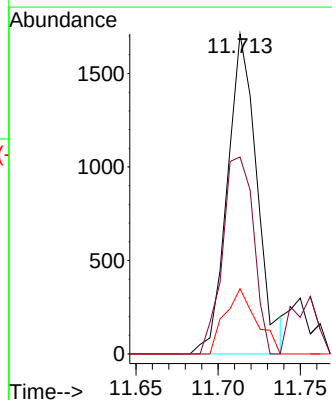
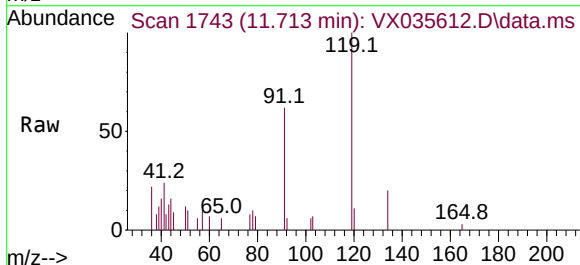
Instrument :
MSVOA_X
ClientSampleId :
PB152715TB

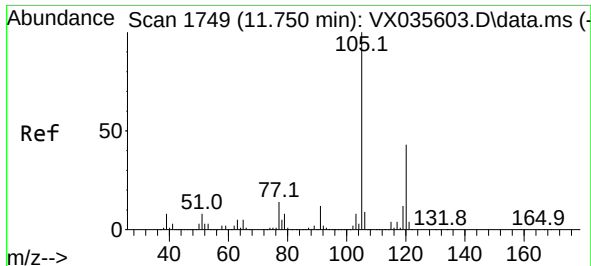
Tgt Ion: 91 Resp: 2756
Ion Ratio Lower Upper
91 100
126 24.6 14.2 42.6



#83
tert-Butylbenzene
Concen: 0.214 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

Tgt Ion: 119 Resp: 2146
Ion Ratio Lower Upper
119 100
91 64.5 30.6 92.0
134 21.7 11.8 35.4

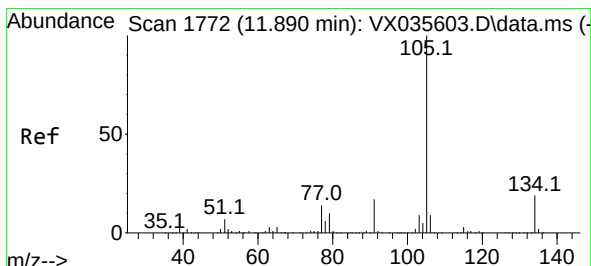
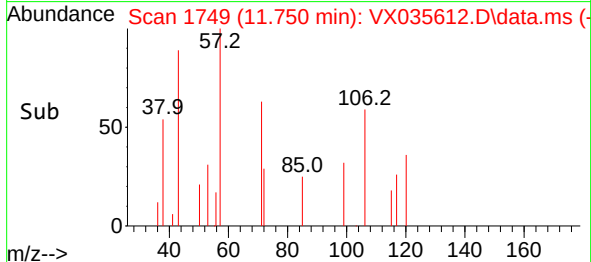
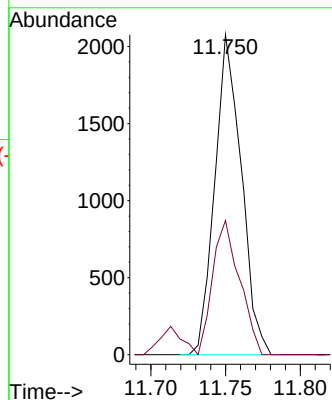
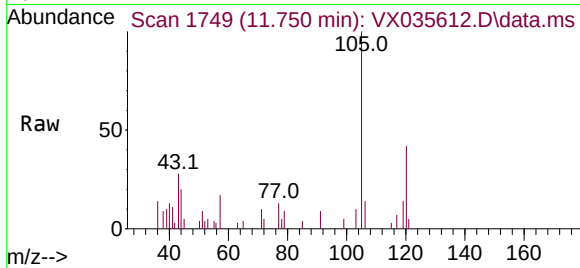




#84
1,2,4-Trimethylbenzene
Concen: 0.247 ug/l
RT: 11.750 min Scan# 11749
Delta R.T. -0.000 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

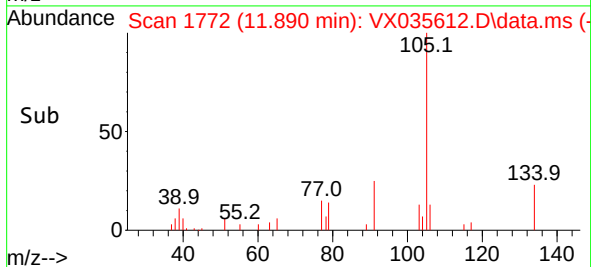
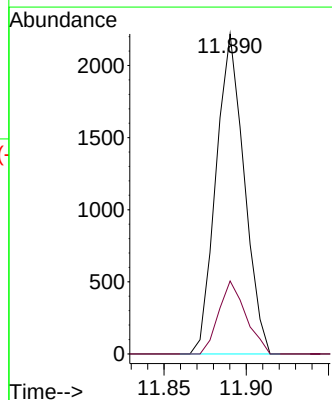
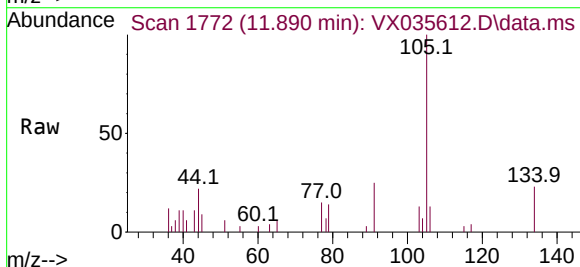
Instrument :
MSVOA_X
ClientSampleId :
PB152715TB

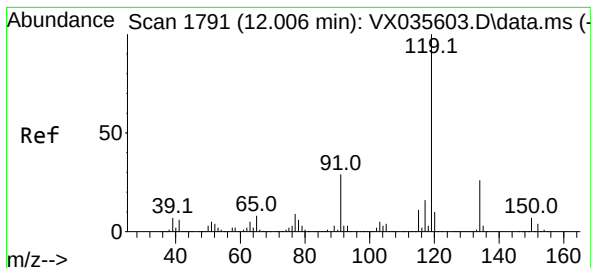
Tgt Ion:105 Resp: 2564
Ion Ratio Lower Upper
105 100
120 42.6 22.4 67.0



#85
sec-Butylbenzene
Concen: 0.210 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

Tgt Ion:105 Resp: 2645
Ion Ratio Lower Upper
105 100
134 21.9 10.2 30.4





#86

p-Isopropyltoluene

Concen: 0.270 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035612.D

Acq: 11 May 2023 17:03

Instrument :

MSVOA_X

ClientSampleId :

PB152715TB

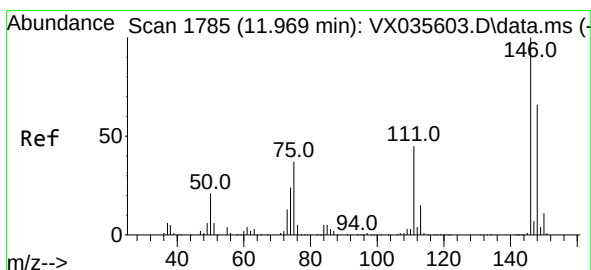
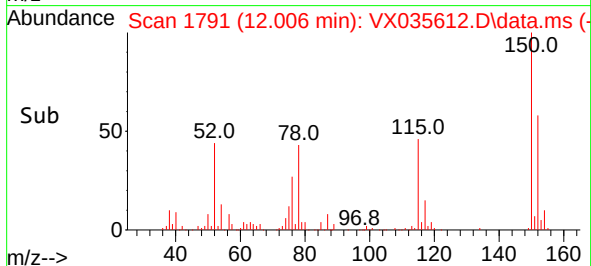
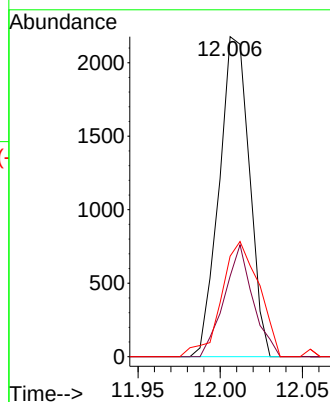
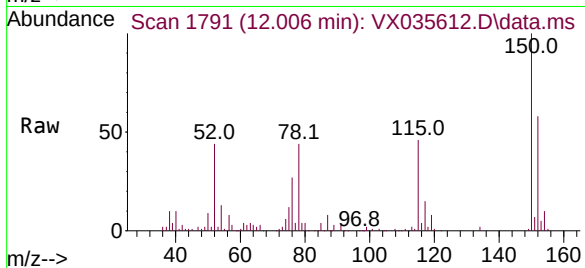
Tgt Ion:119 Resp: 2793

Ion Ratio Lower Upper

119 100

134 33.0 13.2 39.5

91 44.6 12.9 38.7#



#87

1,3-Dichlorobenzene

Concen: 0.334 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035612.D

Acq: 11 May 2023 17:03

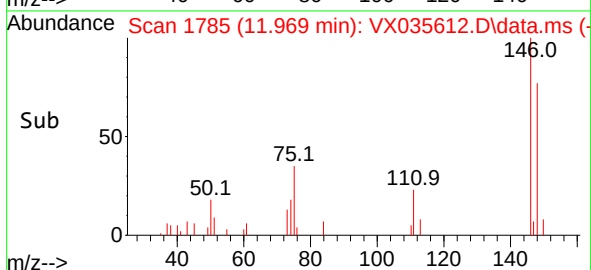
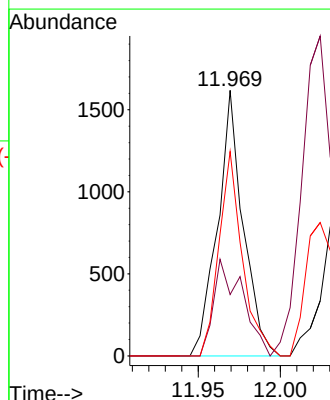
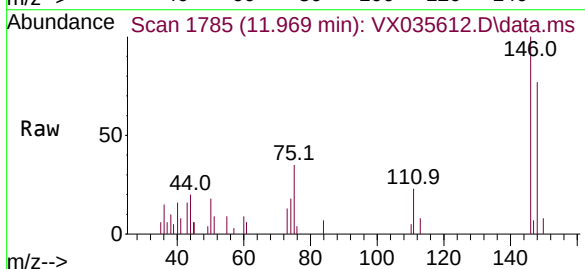
Tgt Ion:146 Resp: 1750

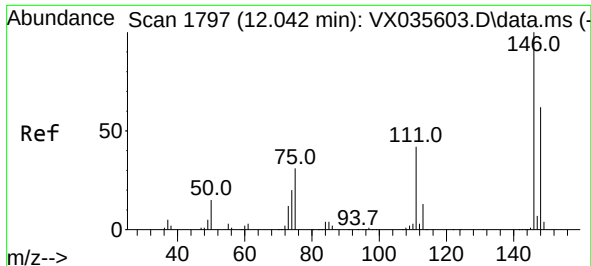
Ion Ratio Lower Upper

146 100

111 41.0 20.9 62.8

148 70.6 31.6 95.0

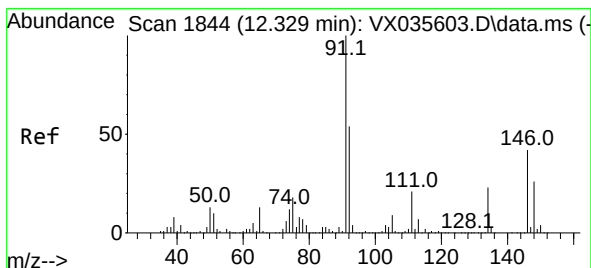
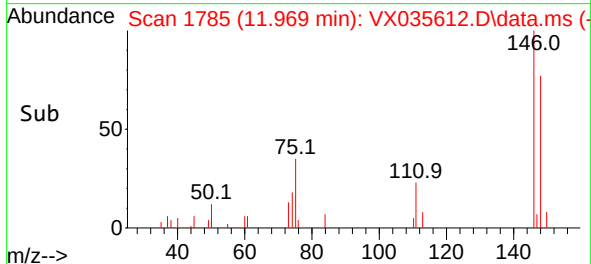
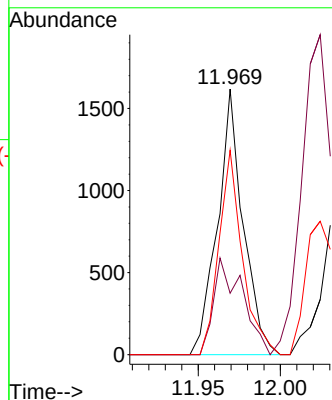
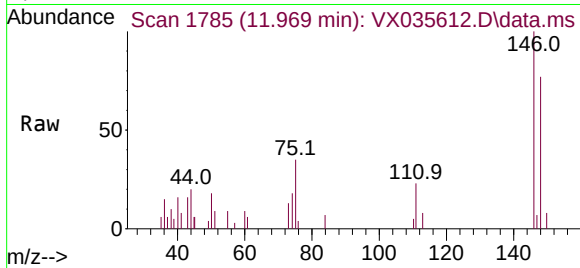




#88
1,4-Dichlorobenzene
Concen: 0.331 ug/l
RT: 11.969 min Scan# 1797
Delta R.T. -0.073 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

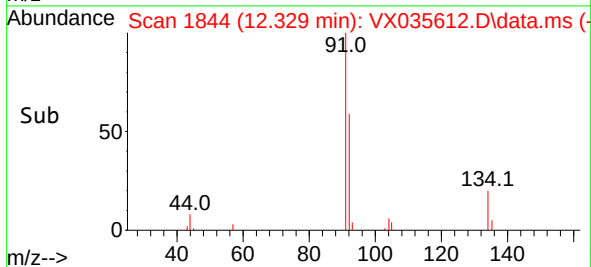
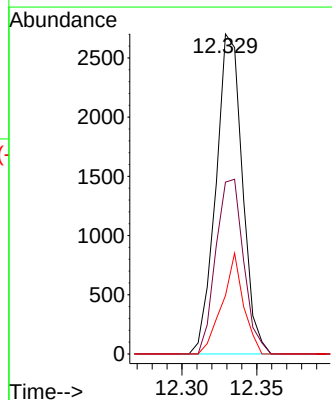
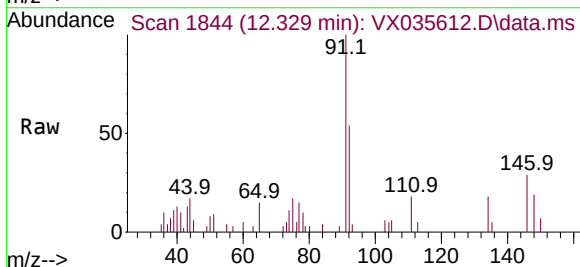
Instrument :
MSVOA_X
ClientSampleId :
PB152715TB

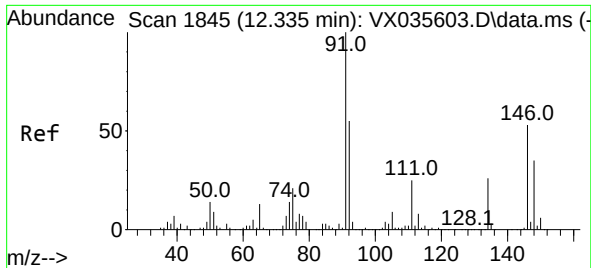
Tgt Ion:146 Resp: 1750
Ion Ratio Lower Upper
146 100
111 41.0 20.6 61.9
148 70.6 31.8 95.4



#89
n-Butylbenzene
Concen: 0.354 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

Tgt Ion: 91 Resp: 3334
Ion Ratio Lower Upper
91 100
92 57.0 27.7 83.0
134 25.1 13.0 38.9

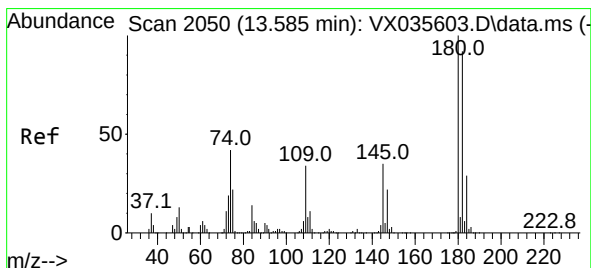
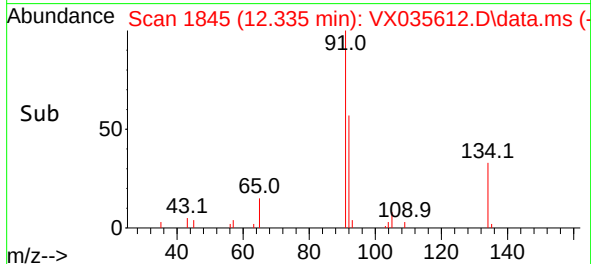
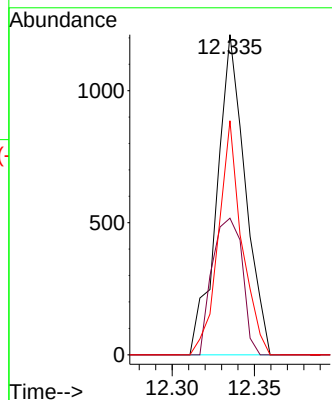
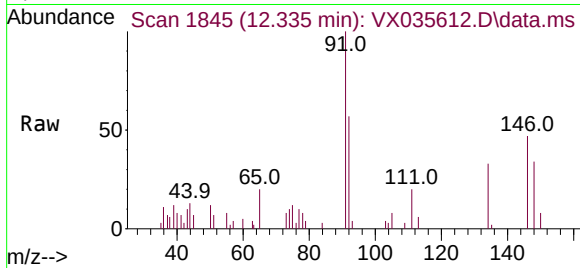




#91
1,2-Dichlorobenzene
Concen: 0.284 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

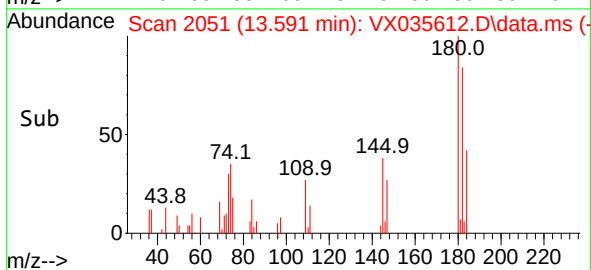
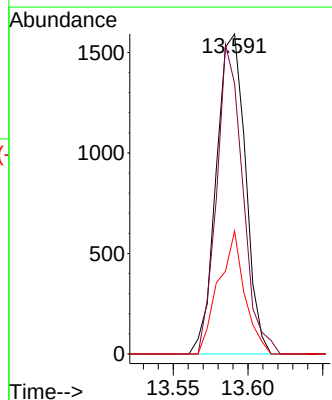
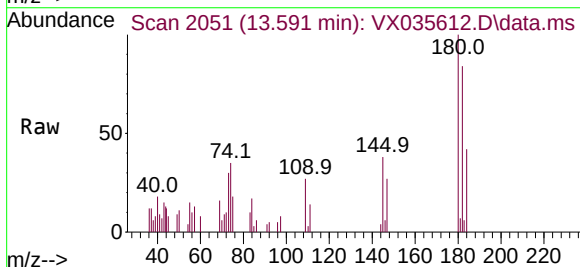
Instrument :
MSVOA_X
ClientSampleId :
PB152715TB

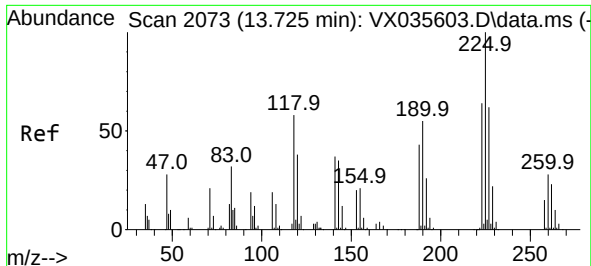
Tgt Ion:146 Resp: 1454
Ion Ratio Lower Upper
146 100
111 45.3 22.0 66.0
148 60.2 32.0 96.0



#93
1,2,4-Trichlorobenzene
Concen: 0.699 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

Tgt Ion:180 Resp: 2156
Ion Ratio Lower Upper
180 100
182 86.6 47.0 141.0
145 34.3 15.9 47.7

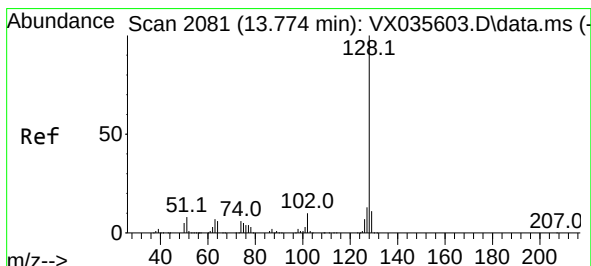
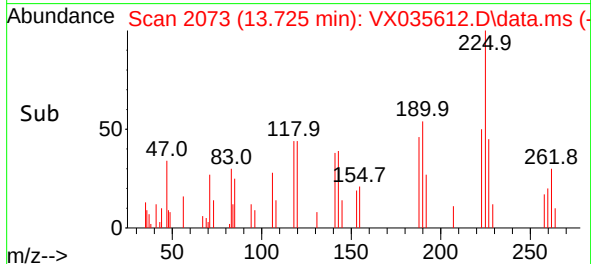
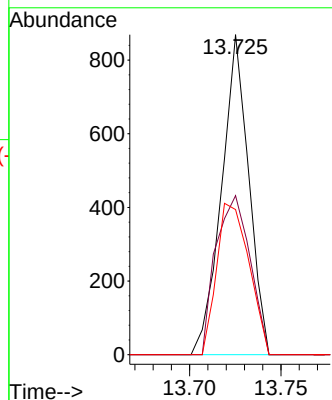
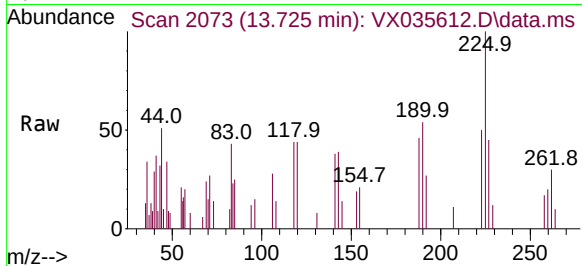




#94
Hexachlorobutadiene
Concen: 0.733 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

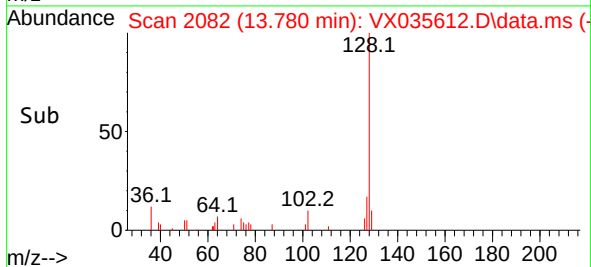
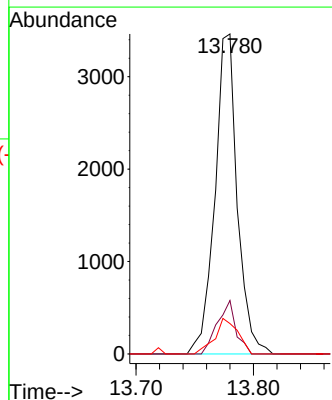
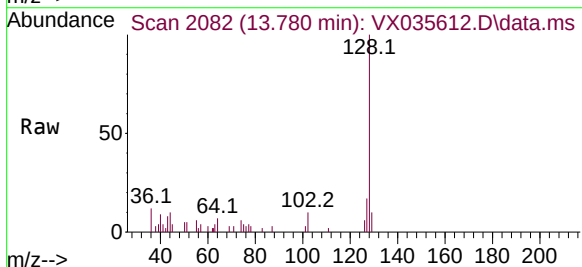
Instrument :
MSVOA_X
ClientSampleId :
PB152715TB

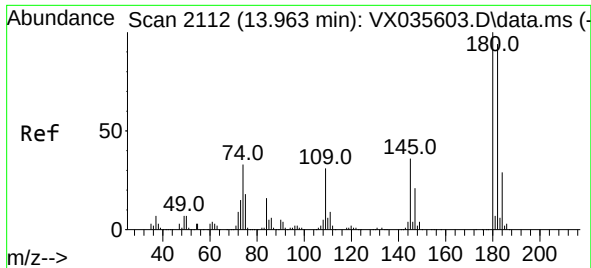
Tgt Ion:	225	Resp:	898
Ion Ratio	Lower	Upper	
225	100		
223	62.5	32.1	96.5
227	56.3	31.8	95.4



#95
Naphthalene
Concen: 0.435 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035612.D
Acq: 11 May 2023 17:03

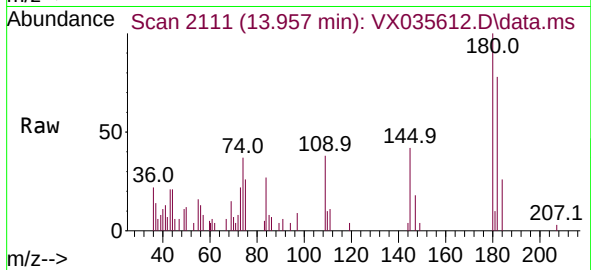
Tgt Ion:	128	Resp:	4594
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.2	15.4
129	11.4	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.626 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: VX035612.D
 Acq: 11 May 2023 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 PB152715TB



Tgt Ion:180 Resp: 1900
 Ion Ratio Lower Upper
 180 100
 182 93.3 48.0 144.2
 145 38.5 17.7 53.1

