

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022654.D
 Acq On : 10 Jun 2021 19:39
 Operator : JC/MD
 Sample : M2644-08 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1824-25

Quant Time: Jun 11 06:47:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

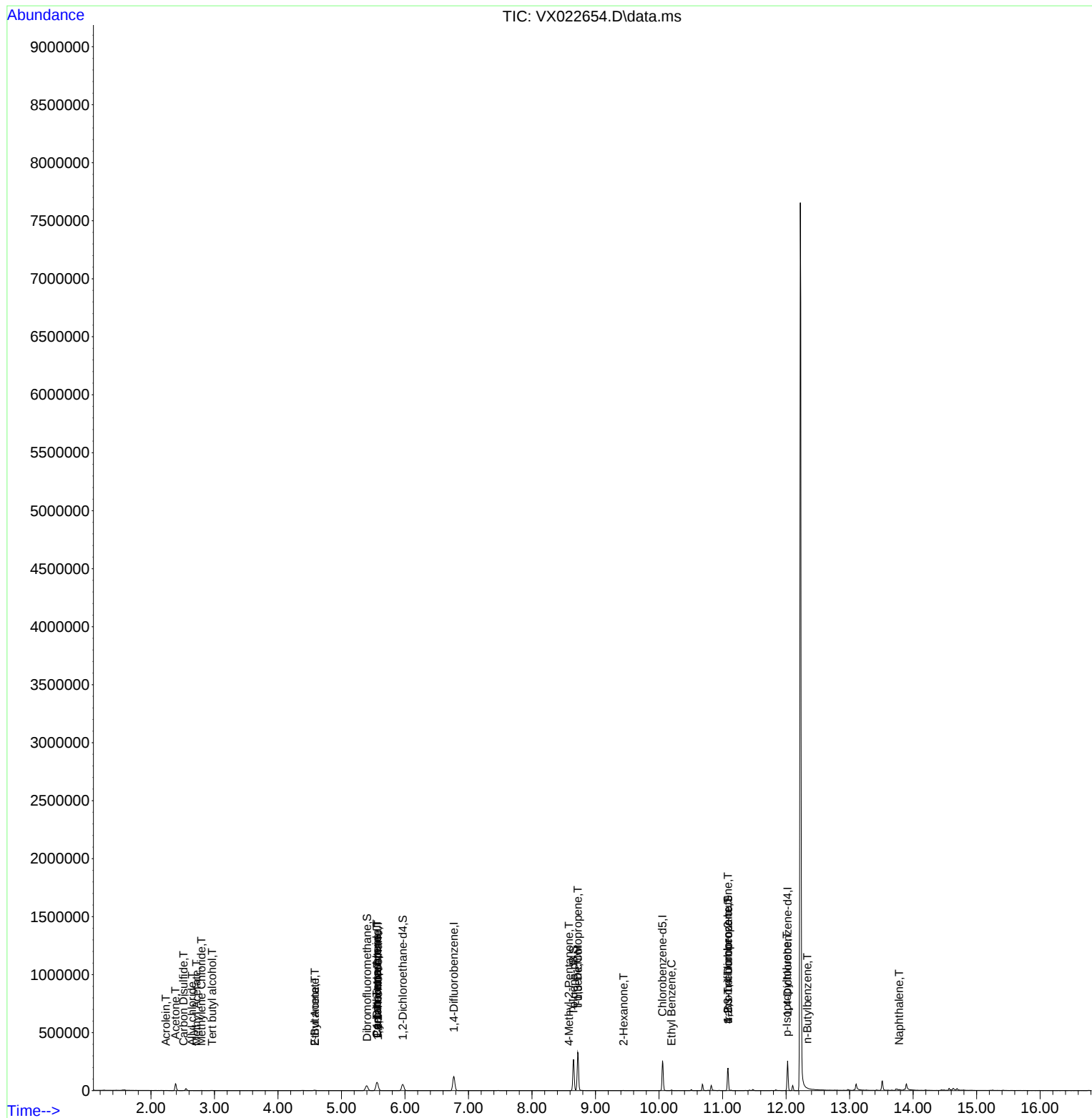
Internal Standards						
1) Pentafluorobenzene	5.562	168	59603	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	120454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50481	47.093	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.180%		
35) Dibromofluoromethane	5.403	113	36759	47.831	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.660%		
50) Toluene-d8	8.653	98	151413	49.978	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.960%		
62) 4-Bromofluorobenzene	11.085	95	53241	46.467	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.940%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	1274	5.133	ug/l #	73
13) Acrolein	2.233	56	53	0.510	ug/l #	1
14) Allyl chloride	2.648	41	782	0.559	ug/l #	72
16) Acetone	2.386	43	61344	127.803	ug/l	94
17) Carbon Disulfide	2.514	76	886	0.544	ug/l #	75
18) Methyl Acetate	2.715	43	550	0.381	ug/l #	47
20) Methylene Chloride	2.794	84	605	0.377	ug/l #	79
25) 2-Butanone	4.580	43	5464	7.019	ug/l #	85
31) Cyclohexane	5.562	56	1765	1.365	ug/l #	1
32) 1,1,1-Trichloroethane	5.574	97	19	0.921	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	5835	4.862	ug/l #	46
37) Ethyl Acetate	4.580	43	5464	3.582	ug/l #	64
38) Carbon Tetrachloride	5.556	117	6918	6.738	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	503	0.329	ug/l	90
52) Toluene	8.720	92	122654	55.192	ug/l	98
53) t-1,3-Dichloropropene	8.720	75	1522	4.209	ug/l #	1
59) 2-Hexanone	9.439	43	858	0.734	ug/l	92
67) Ethyl Benzene	10.195	91	3429	0.816	ug/l	95
76) 1,2,3-Trichloropropane	11.085	75	28854	25.249	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	28854	63.514	ug/l #	12
86) p-Isopropyltoluene	12.012	119	1414	0.474	ug/l #	68
89) n-Butylbenzene	12.335	91	844	0.295	ug/l	76
95) Naphthalene	13.780	128	378	1.575	ug/l #	79

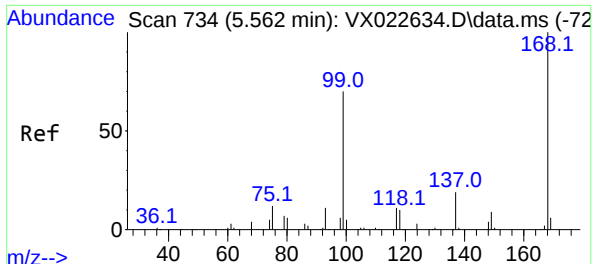
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
Data File : VX022654.D
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Instrument :
MSVOA_X
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1824-25

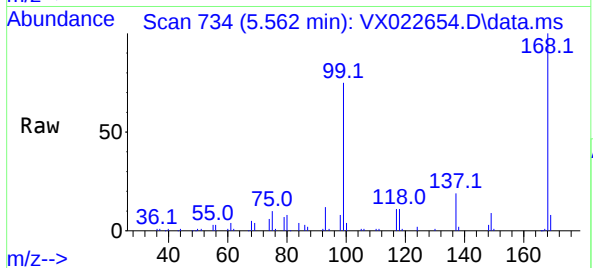
Quant Time: Jun 11 06:47:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
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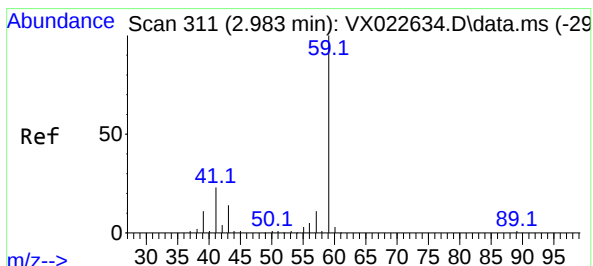
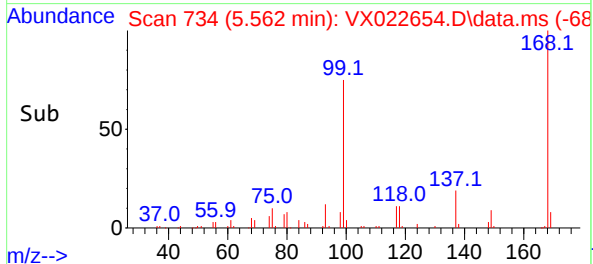
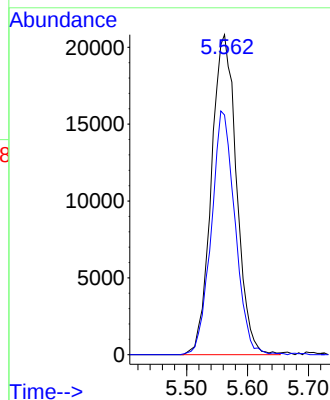


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

Instrument :
MSVOA_X
ClientSampleId :
1824-25

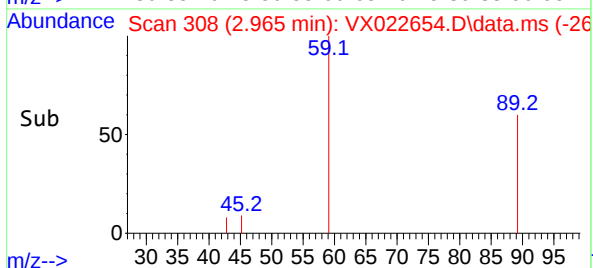
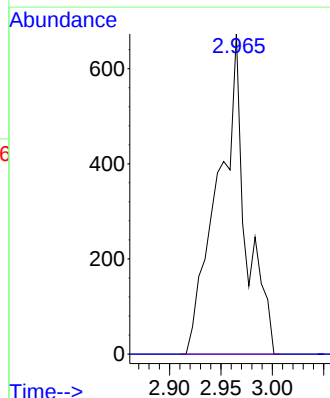
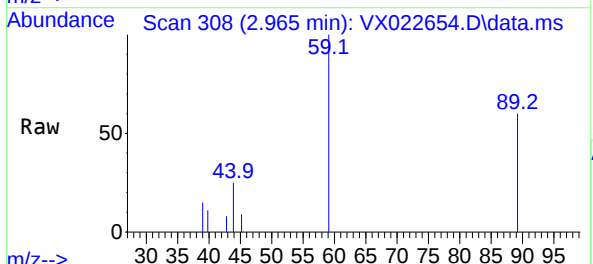


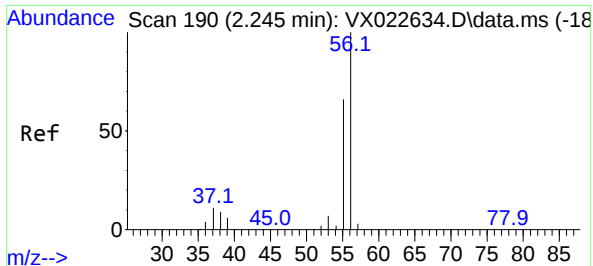
Tgt Ion:168 Resp: 59603
Ion Ratio Lower Upper
168 100
99 74.9 45.8 68.6#



#11
Tert butyl alcohol
Concen: 5.133 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

Tgt Ion: 59 Resp: 1274
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

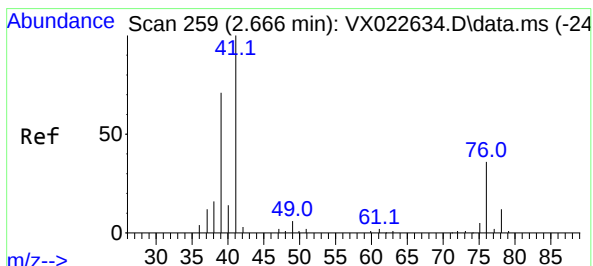
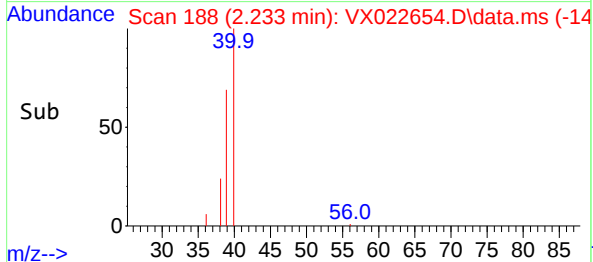
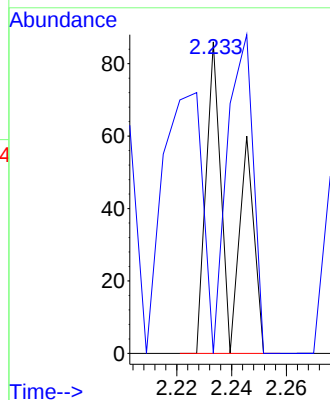
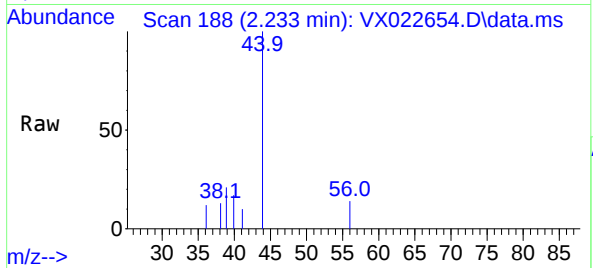




#13
Acrolein
Concen: 0.510 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

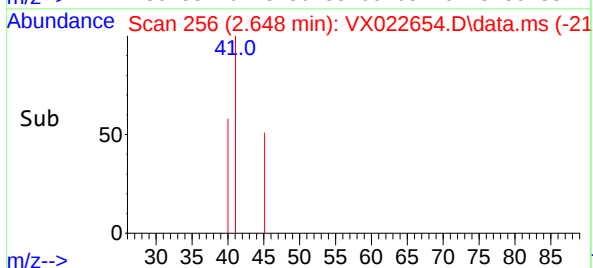
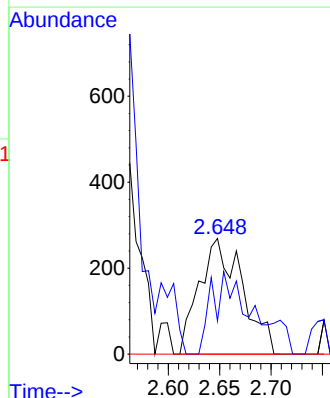
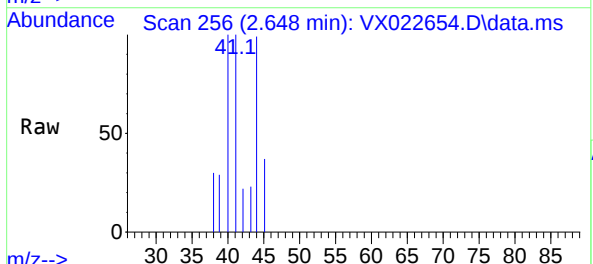
Instrument :
MSVOA_X
ClientSampled :
1824-25

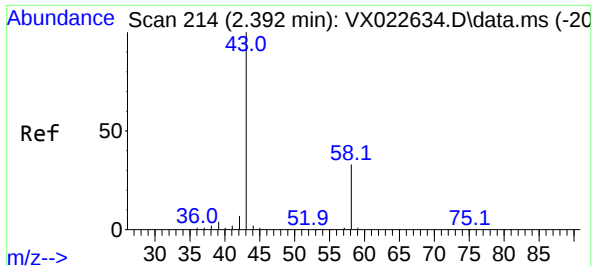
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 181.1 56.4 84.6#



#14
Allyl chloride
Concen: 0.559 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.018 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

Tgt Ion: 41 Resp: 782
Ion Ratio Lower Upper
41 100
39 58.2 51.6 77.4
76 0.0 30.5 45.7#

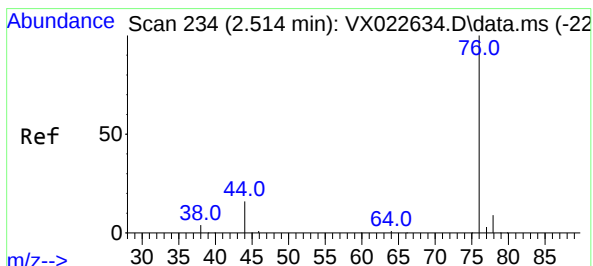
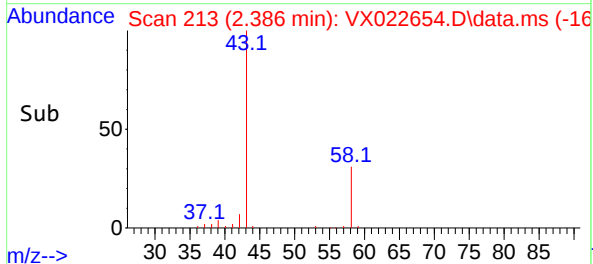
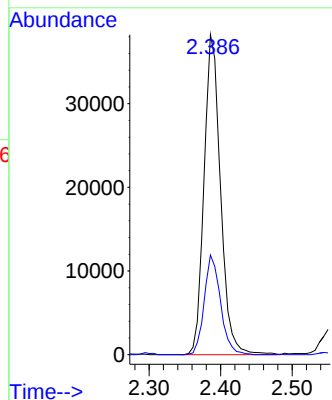
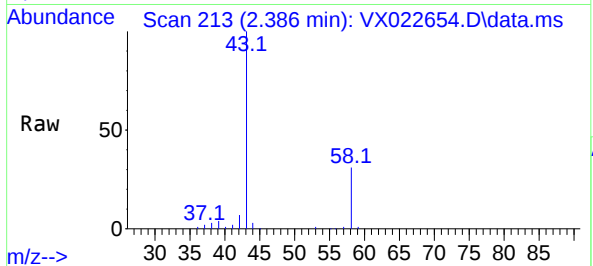




#16
Acetone
Concen: 127.803 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

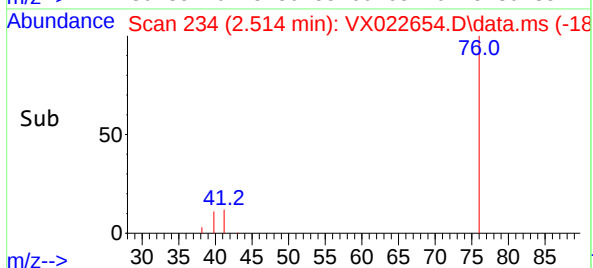
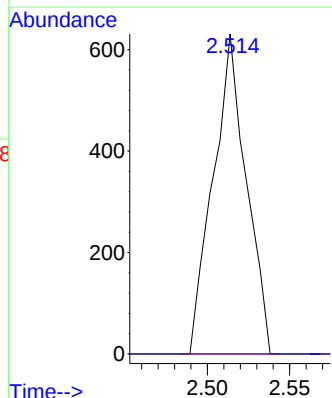
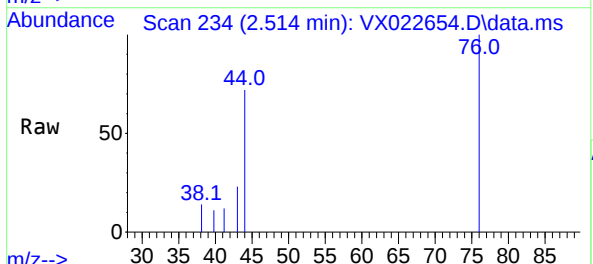
Instrument :
MSVOA_X
ClientSampleId :
1824-25

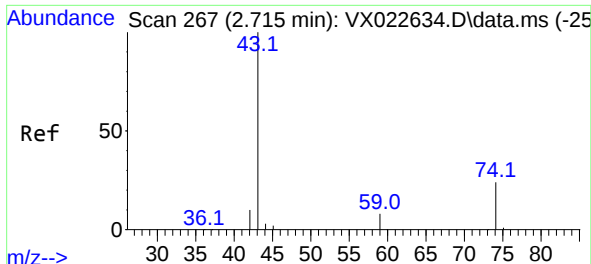
Tgt Ion: 43 Resp: 61344
Ion Ratio Lower Upper
43 100
58 31.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.544 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

Tgt Ion: 76 Resp: 886
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

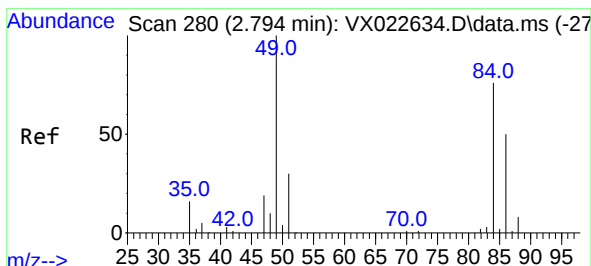
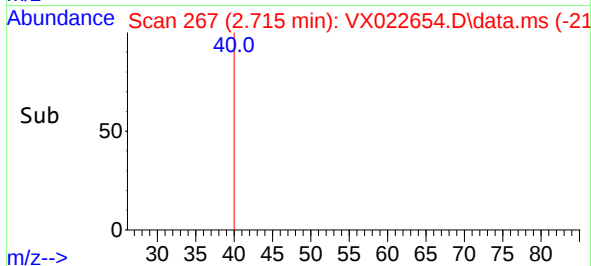
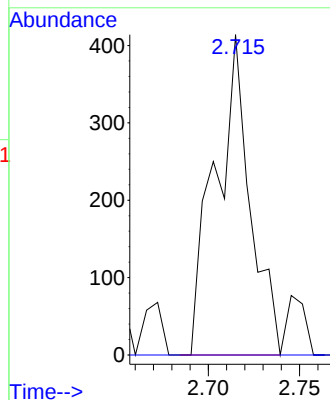
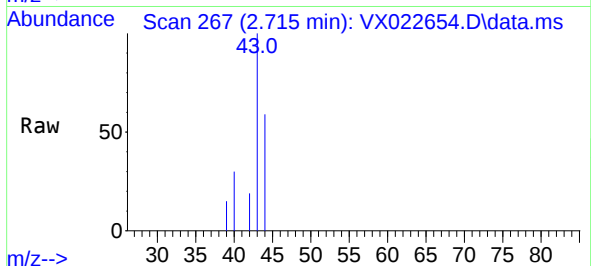




#18
Methyl Acetate
Concen: 0.381 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

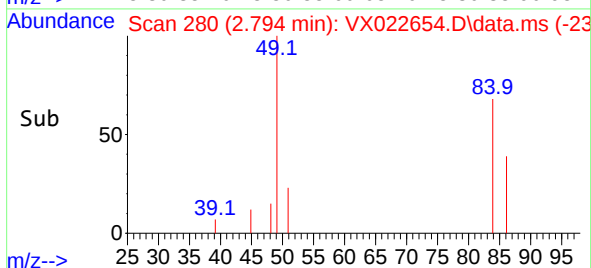
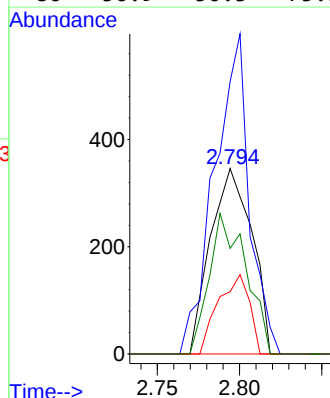
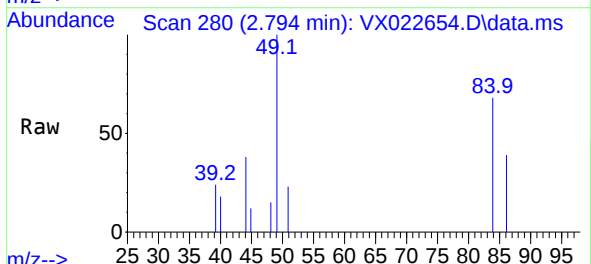
Instrument :
MSVOA_X
ClientSampled :
1824-25

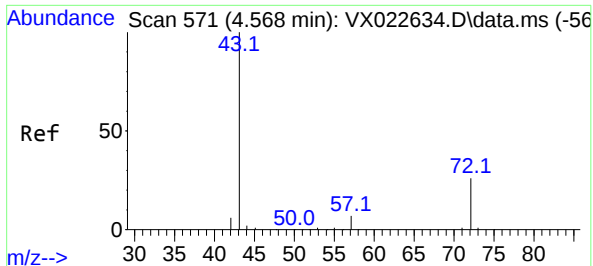
Tgt Ion: 43 Resp: 550
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.377 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

Tgt Ion: 84 Resp: 605
Ion Ratio Lower Upper
84 100
49 146.8 88.6 132.8#
51 33.5 27.0 40.6
86 56.9 50.3 75.5

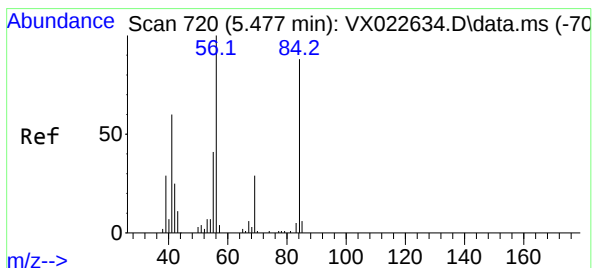
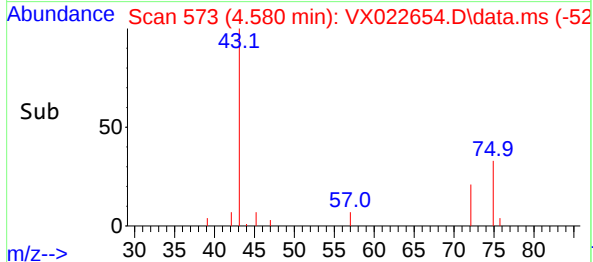
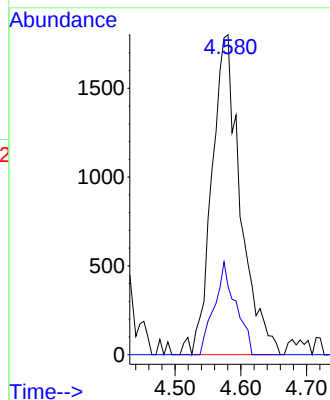
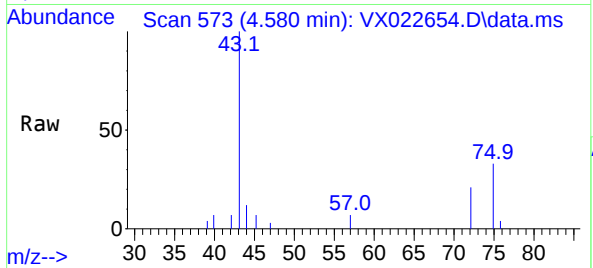




#25
2-Butanone
Concen: 7.019 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

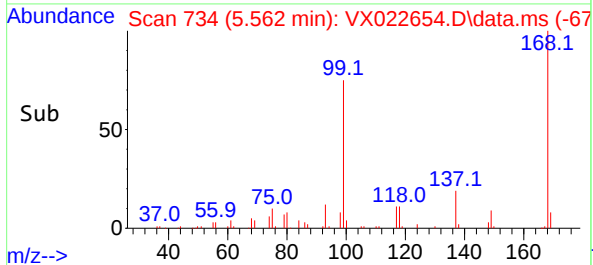
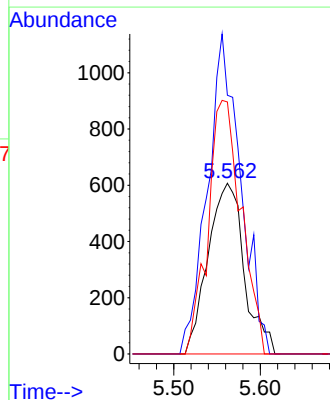
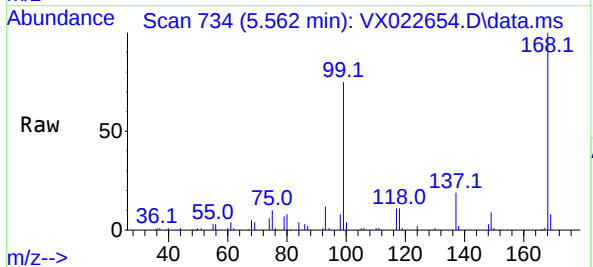
Instrument :
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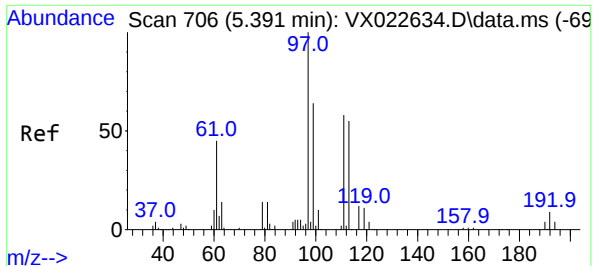
Tgt Ion: 43 Resp: 5464
Ion Ratio Lower Upper
43 100
72 21.4 23.7 35.5#



#31
Cyclohexane
Concen: 1.365 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

Tgt Ion: 56 Resp: 1765
Ion Ratio Lower Upper
56 100
69 151.6 25.3 37.9#
84 147.6 71.4 107.0#

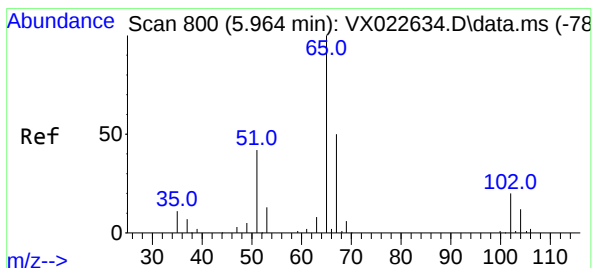
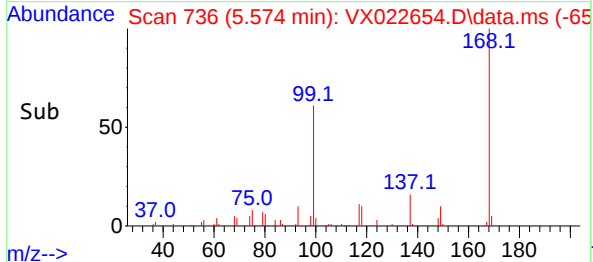
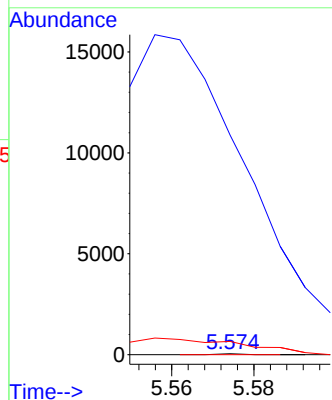
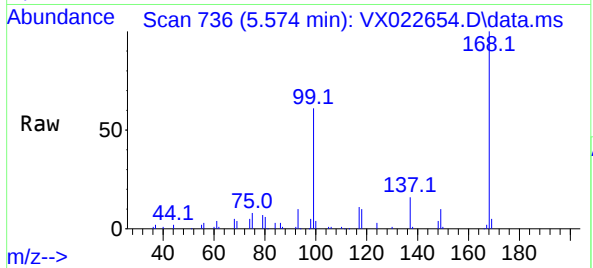




#32
1,1,1-Trichloroethane
Concen: 0.921 ug/l
RT: 5.574 min Scan# 736
Delta R.T. 0.183 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

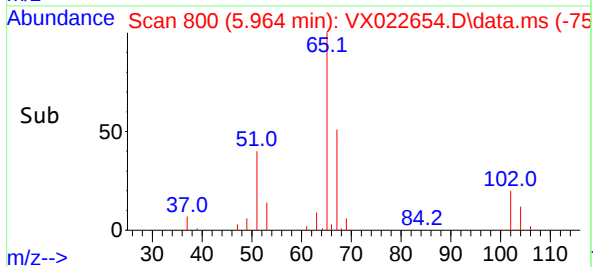
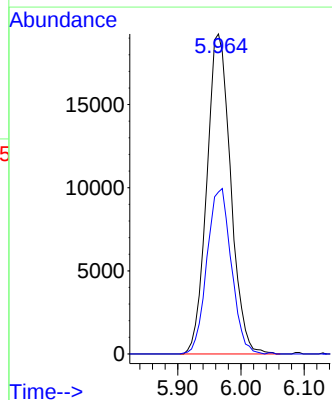
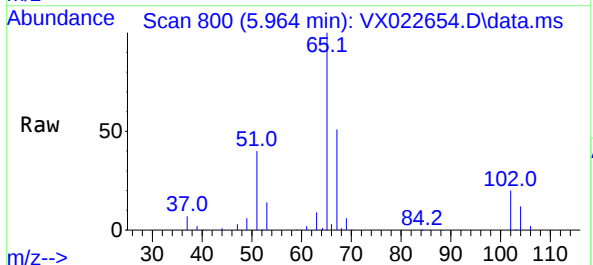
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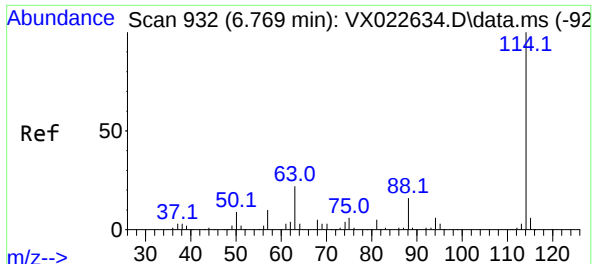
Tgt Ion: 97 Resp: 19
Ion Ratio Lower Upper
97 100
99 225763.2 51.5 77.3#
61 10521.1 34.2 51.4#



#33
1,2-Dichloroethane-d4
Concen: 47.093 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

Tgt Ion: 65 Resp: 50481
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

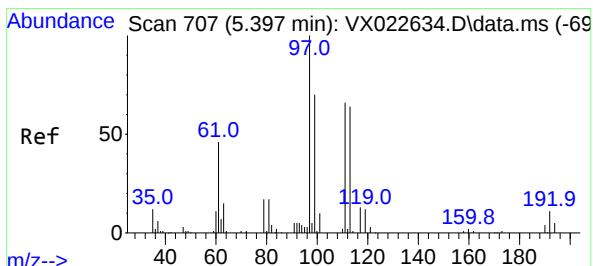
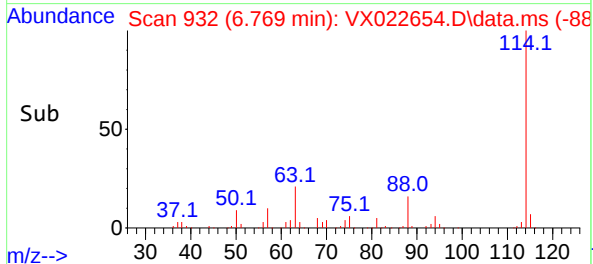
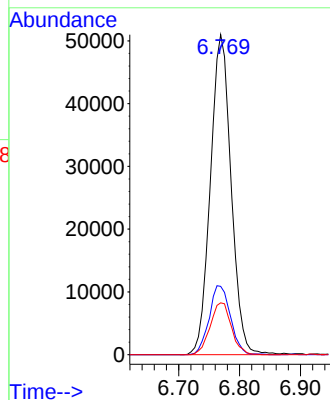
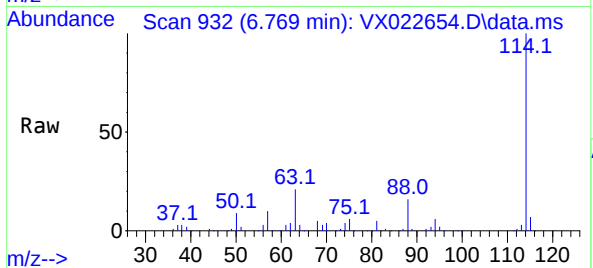




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

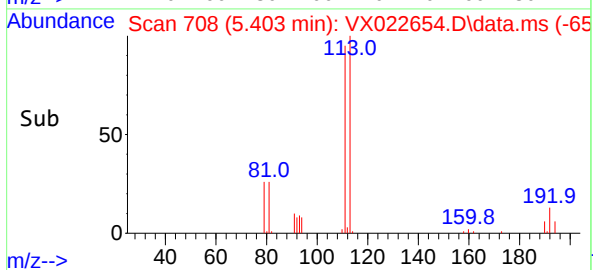
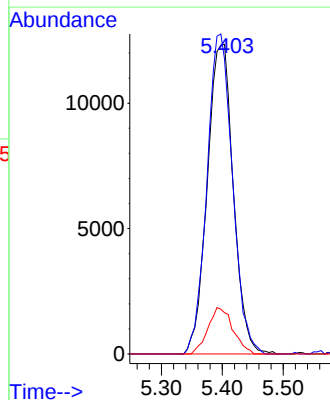
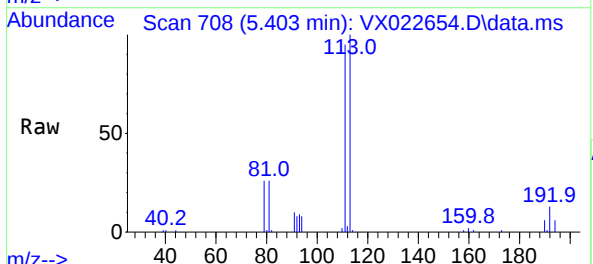
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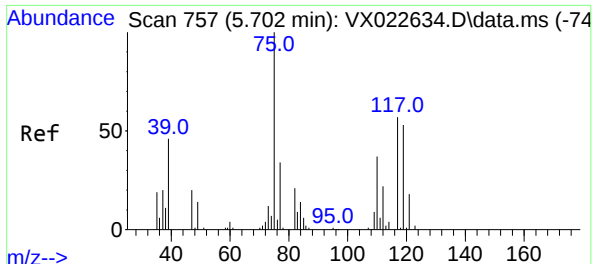
Tgt Ion:114 Resp: 120454
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.831 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.012 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

Tgt Ion:113 Resp: 36759
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 14.3 16.7 25.1#

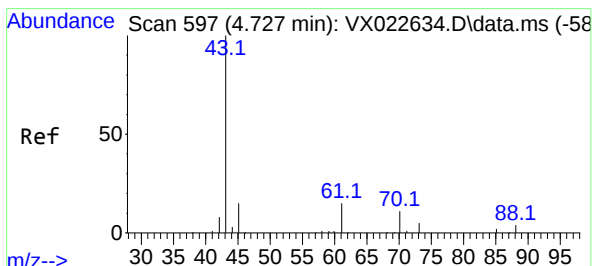
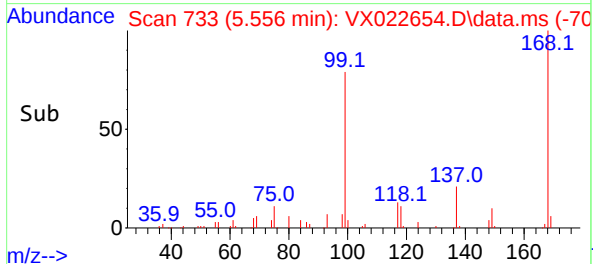
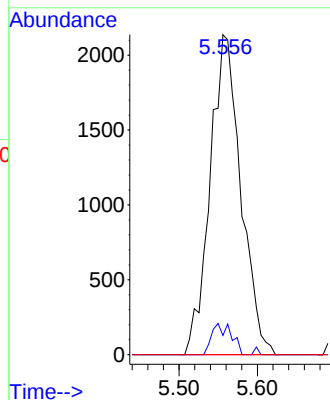
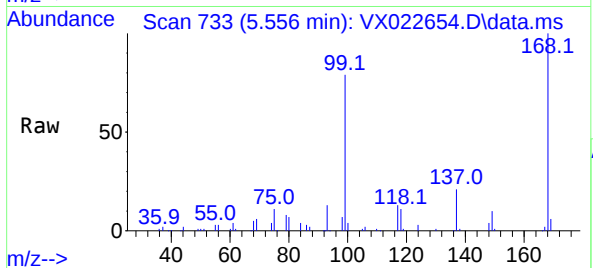




#36
1,1-Dichloropropene
Concen: 4.862 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

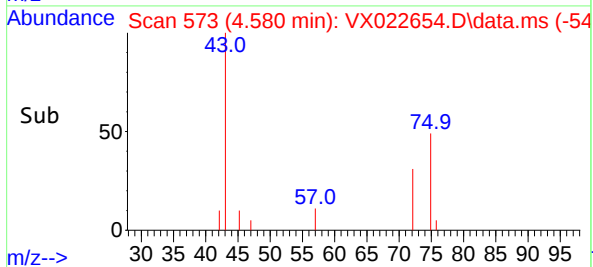
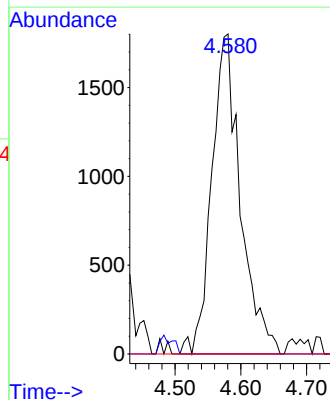
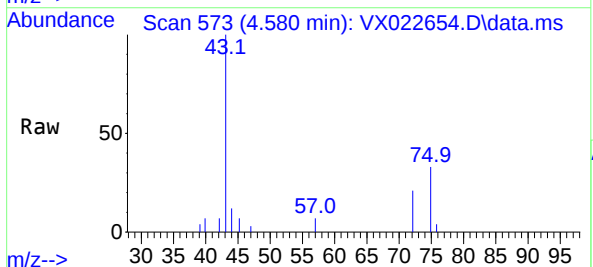
Instrument :
MSVOA_X
ClientSampled :
1824-25

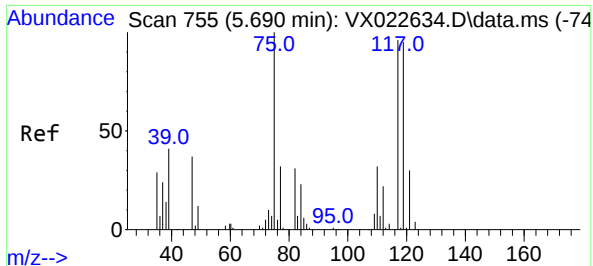
Tgt Ion: 75 Resp: 5835
Ion Ratio Lower Upper
75 100
110 6.2 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 3.582 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.147 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

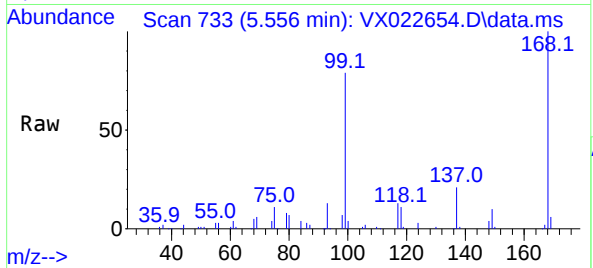
Tgt Ion: 43 Resp: 5464
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



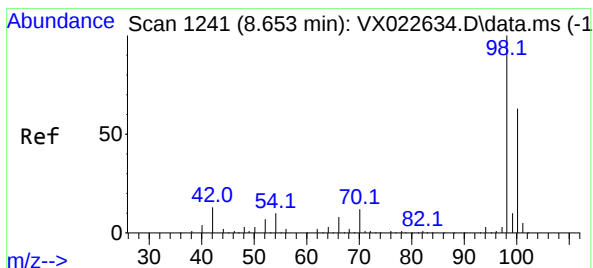
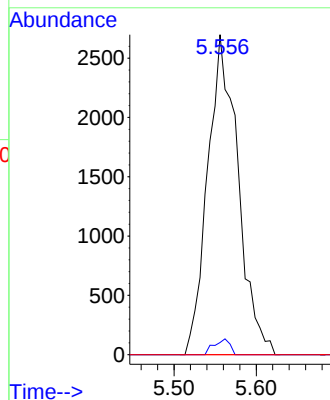
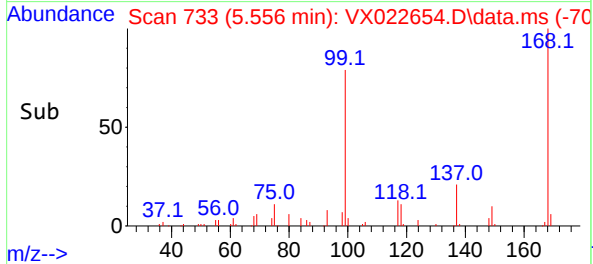


#38
Carbon Tetrachloride
Concen: 6.738 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

Instrument :
MSVOA_X
ClientSampleId :
1824-25

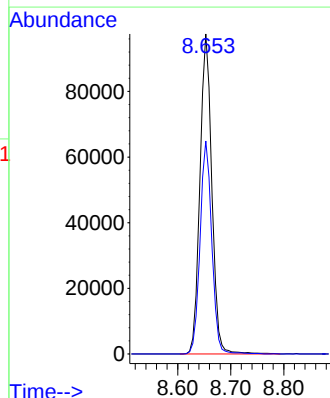
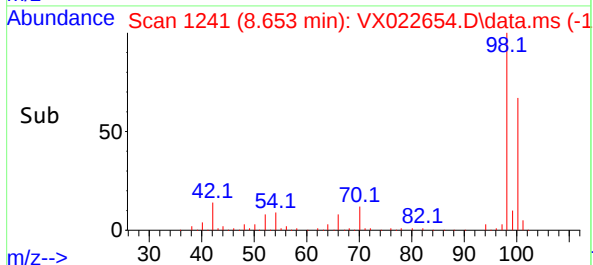
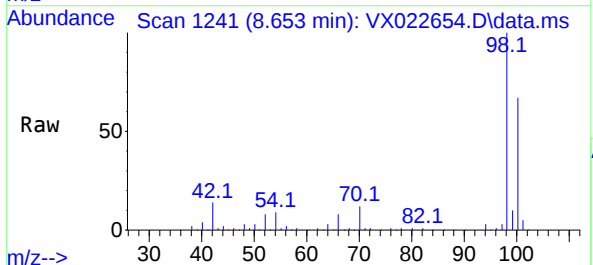


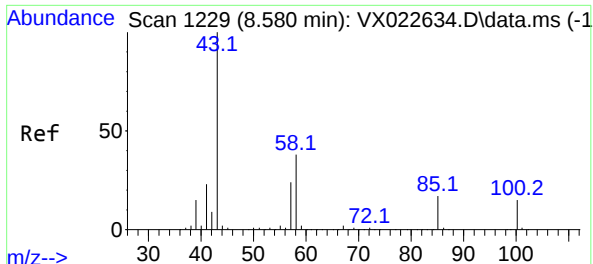
Tgt Ion:117 Resp: 6918
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.978 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

Tgt Ion: 98 Resp: 151413
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

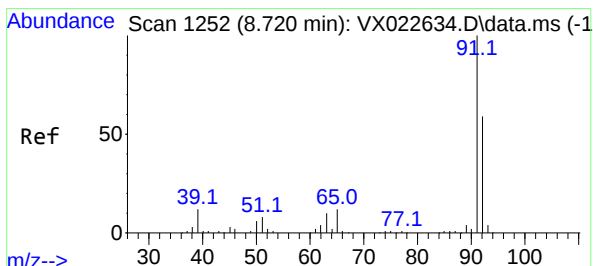
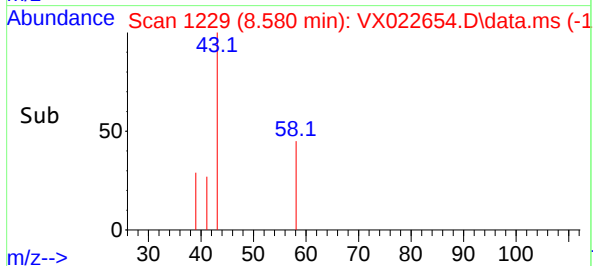
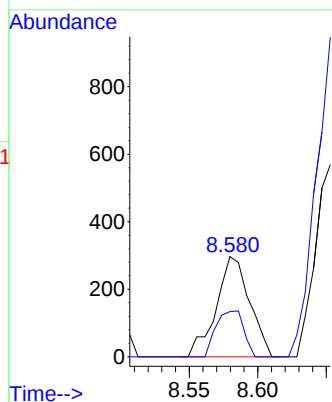
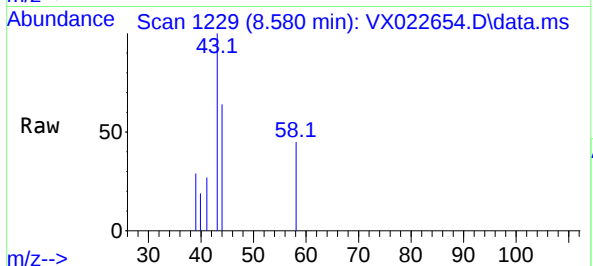




#51
4-Methyl-2-Pentanone
Concen: 0.329 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

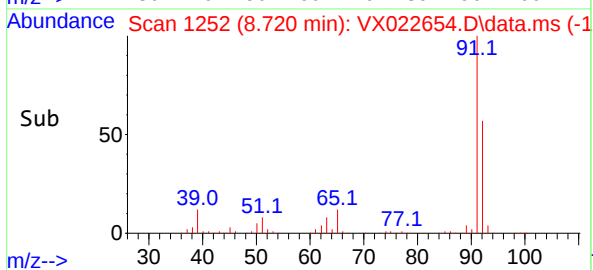
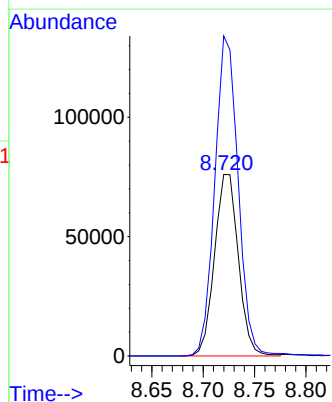
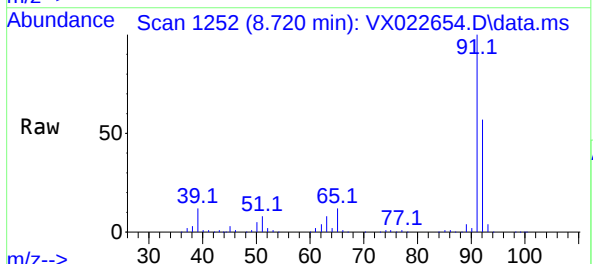
Instrument :
MSVOA_X
ClientSampleId :
1824-25

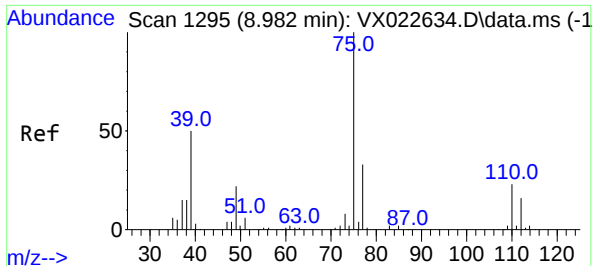
Tgt Ion: 43 Resp: 503
Ion Ratio Lower Upper
43 100
58 37.8 35.4 53.0



#52
Toluene
Concen: 55.192 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

Tgt Ion: 92 Resp: 122654
Ion Ratio Lower Upper
92 100
91 173.6 137.1 205.7

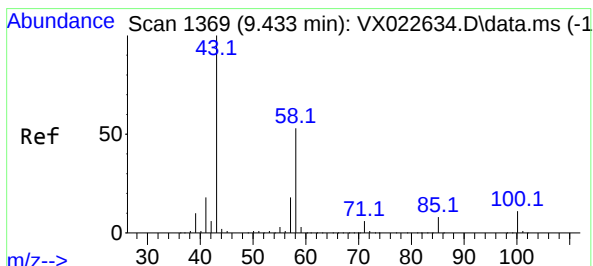
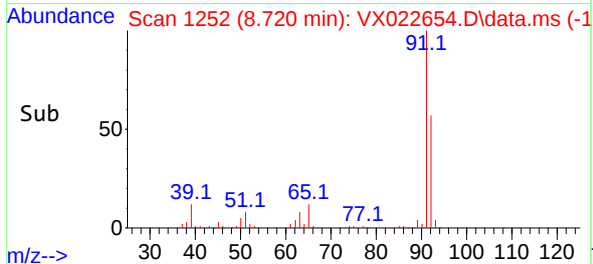
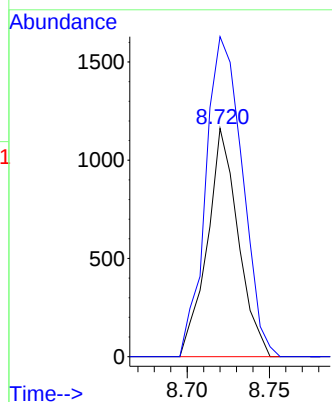
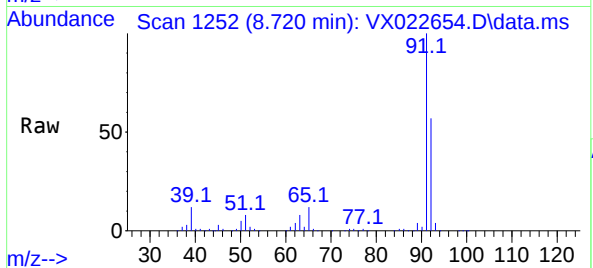




#53
t-1,3-Dichloropropene
Concen: 4.209 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.262 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

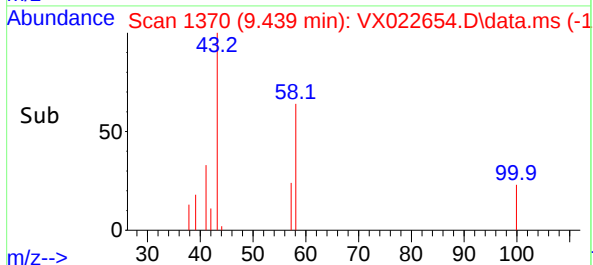
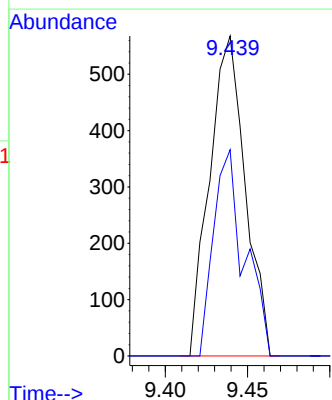
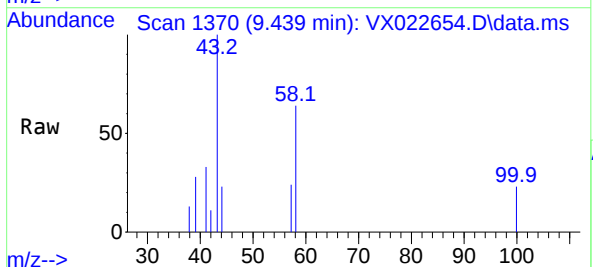
Instrument :
MSVOA_X
ClientSampleId :
1824-25

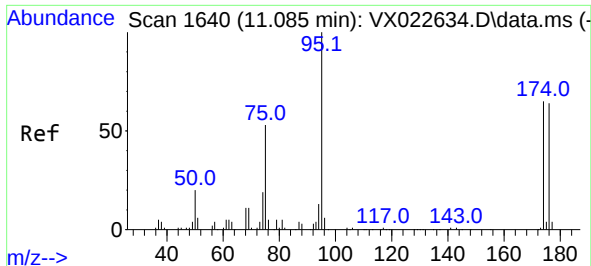
Tgt Ion: 75 Resp: 1522
Ion Ratio Lower Upper
75 100
77 140.2 24.9 37.3#



#59
2-Hexanone
Concen: 0.734 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
58 55.6 30.9 92.8

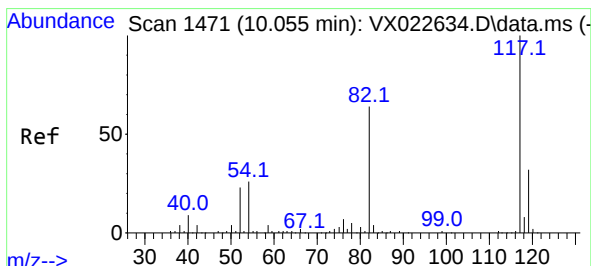
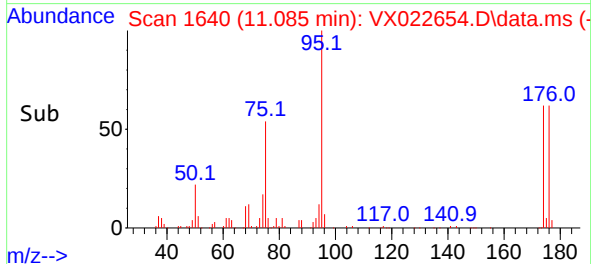
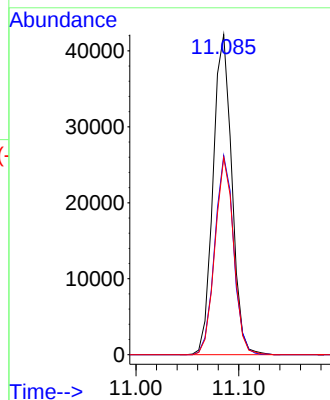
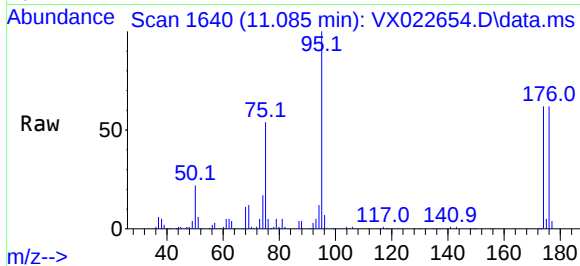




#62
4-Bromofluorobenzene
Concen: 46.467 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

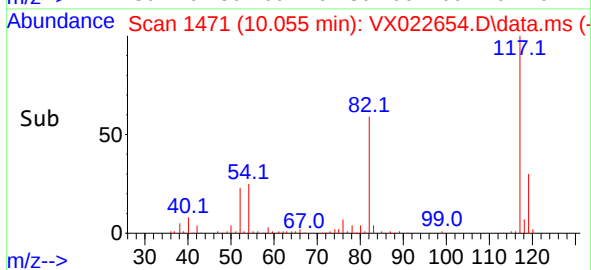
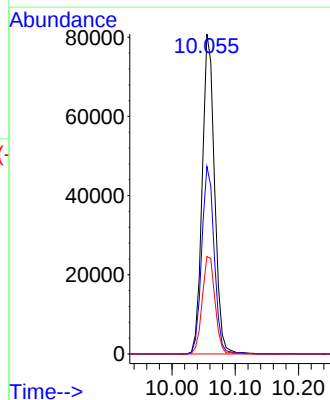
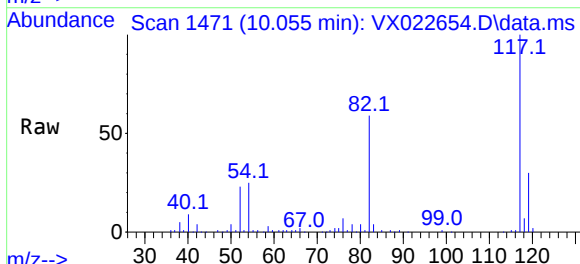
Instrument :
MSVOA_X
ClientSampleId :
1824-25

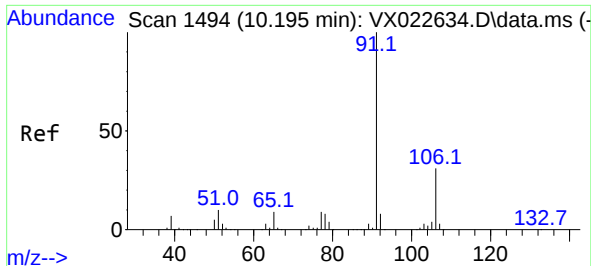
Tgt Ion: 95 Resp: 53241
Ion Ratio Lower Upper
95 100
174 62.4 0.0 154.6
176 61.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

Tgt Ion: 117 Resp: 109481
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 30.4 26.6 39.8

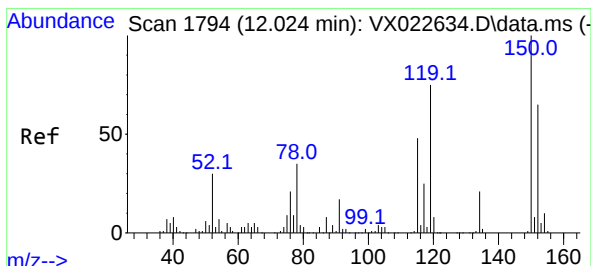
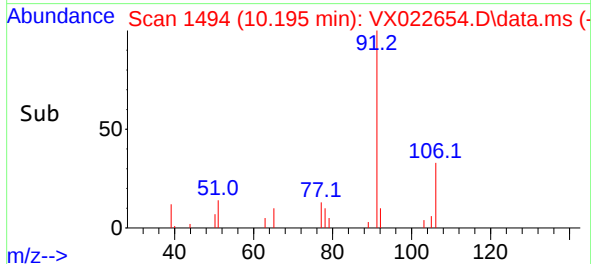
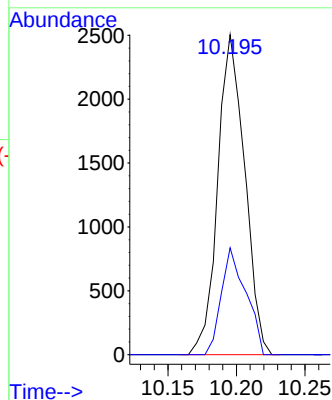
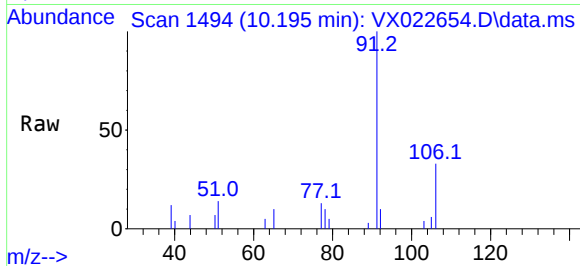




#67
Ethyl Benzene
Concen: 0.816 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

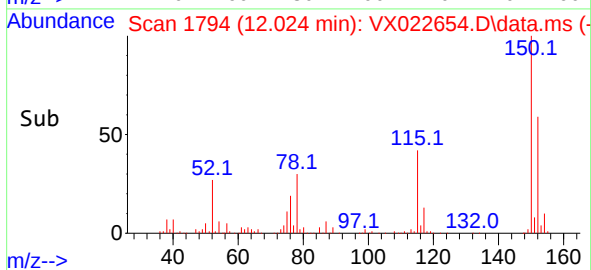
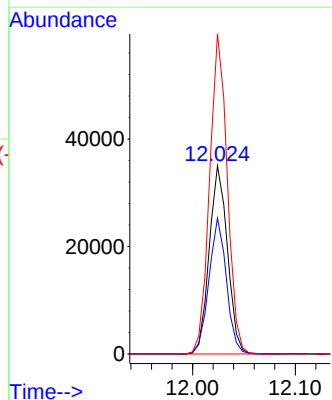
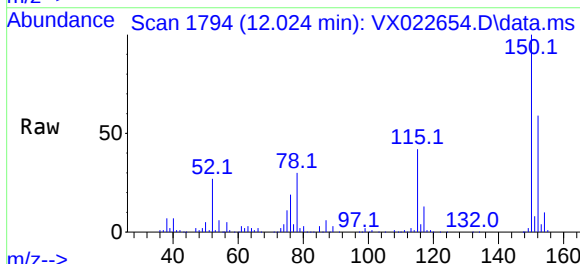
Instrument :
MSVOA_X
ClientSampled :
1824-25

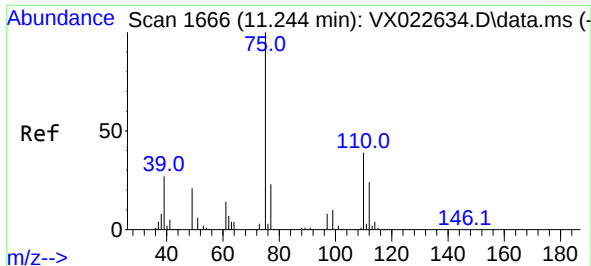
Tgt Ion: 91 Resp: 3429
Ion Ratio Lower Upper
91 100
106 33.4 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

Tgt Ion:152 Resp: 43101
Ion Ratio Lower Upper
152 100
115 69.3 41.1 123.3
150 164.6 0.0 349.0

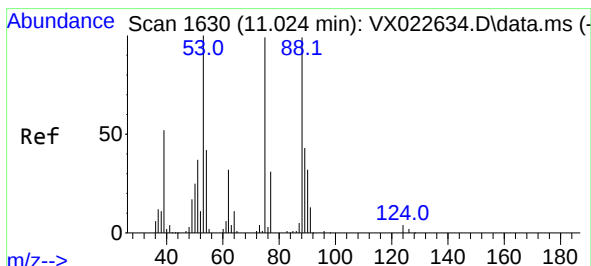
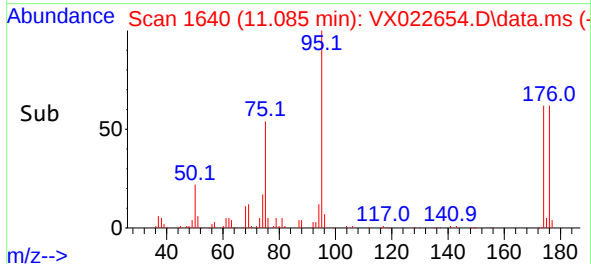
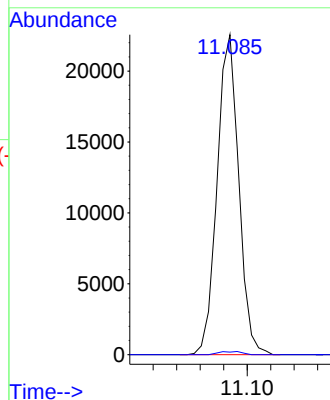
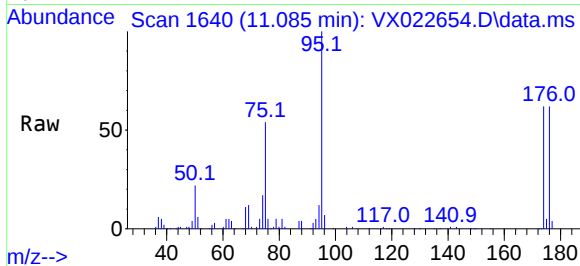




#76
1,2,3-Trichloropropane
Concen: 25.249 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

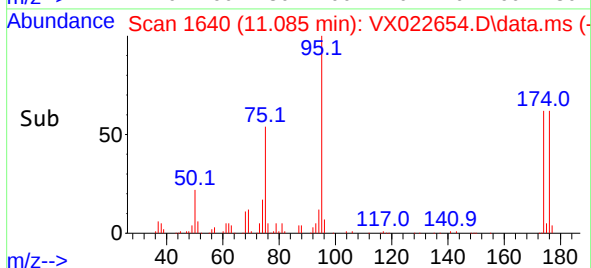
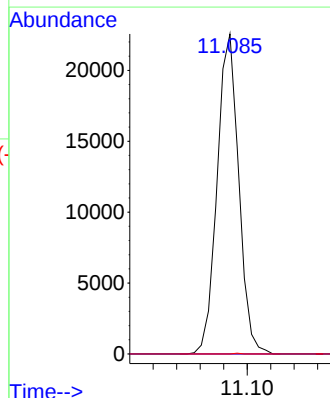
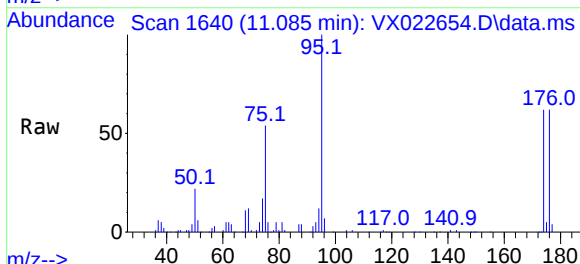
Instrument :
MSVOA_X
ClientSampleId :
1824-25

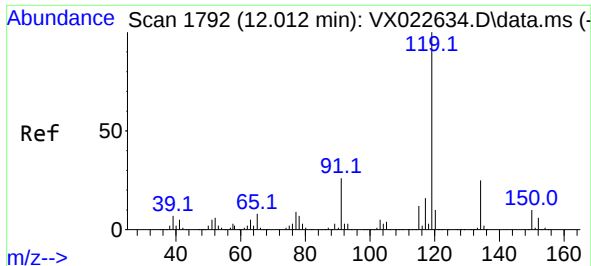
Tgt Ion: 75 Resp: 28854
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.514 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

Tgt Ion: 75 Resp: 28854
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

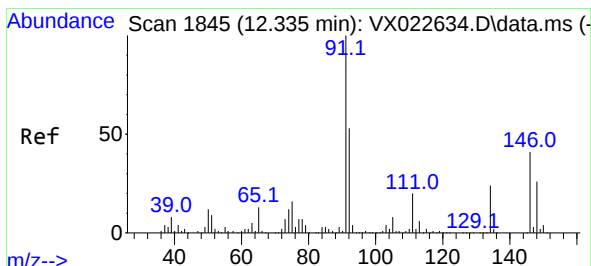
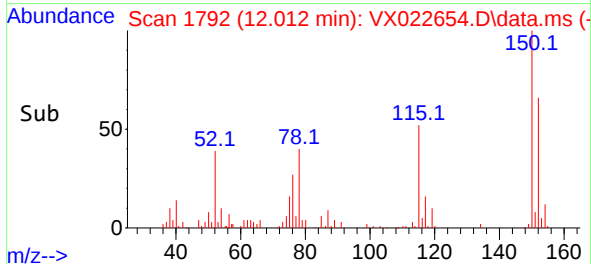
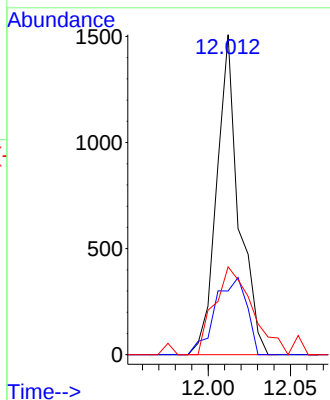
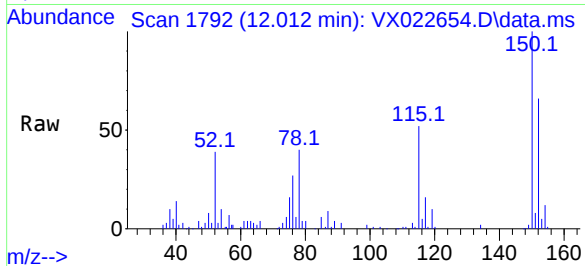




#86
p-Isopropyltoluene
Concen: 0.474 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

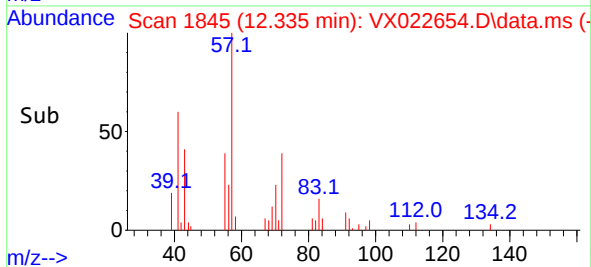
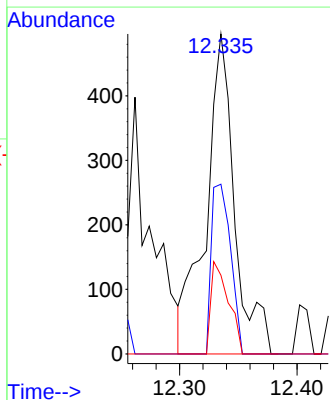
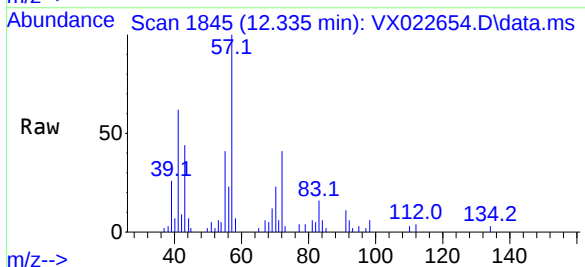
Instrument :
MSVOA_X
ClientSampled :
1824-25

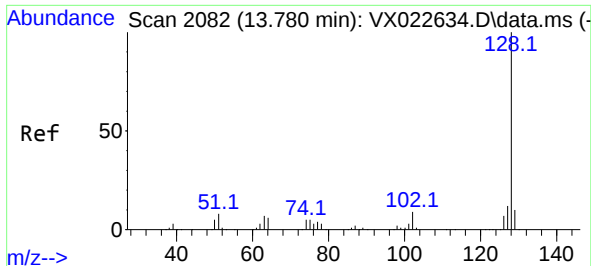
Tgt Ion:119 Resp: 1414
Ion Ratio Lower Upper
119 100
134 34.3 12.9 38.7
91 46.8 11.7 35.0#



#89
n-Butylbenzene
Concen: 0.295 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

Tgt Ion: 91 Resp: 844
Ion Ratio Lower Upper
91 100
92 35.4 27.4 82.0
134 17.7 13.2 39.5





#95
Naphthalene
Concen: 1.575 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022654.D
Acq: 10 Jun 2021 19:39

Instrument :
MSVOA_X
ClientSampleId :
1824-25

Tgt Ion:	128	Resp:	378
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	8.2	8.8	13.2#

