

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041723\
 Data File : VX035106.D
 Acq On : 17 Apr 2023 14:06
 Operator : JC/MD
 Sample : 02353-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1263

Quant Time: Apr 18 05:53:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

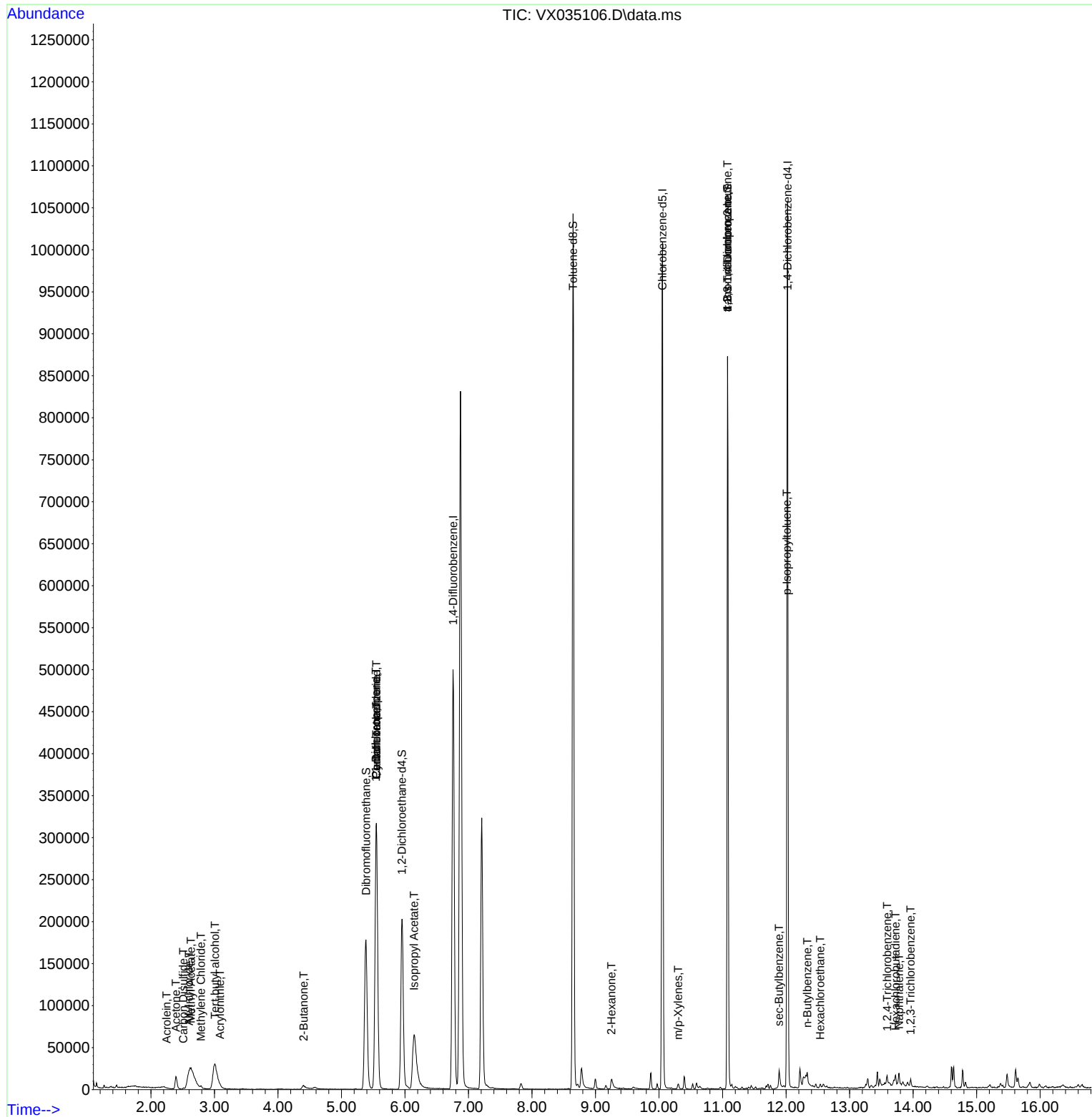
Internal Standards						
1) Pentafluorobenzene	5.550	168	307845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	521500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	473327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	197243	41.895	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.780%		
35) Dibromofluoromethane	5.385	113	159944	46.370	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.740%		
50) Toluene-d8	8.647	98	617936	48.536	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.080%		
62) 4-Bromofluorobenzene	11.079	95	239230	48.557	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.120%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.008	59	81913	99.163	ug/l	99
13) Acrolein	2.245	56	222	0.261	ug/l #	21
14) Allyl chloride	2.599	41	3601	0.582	ug/l #	50
15) Acrylonitrile	3.087	53	550	0.296	ug/l #	63
16) Acetone	2.392	43	20690	10.818	ug/l	95
17) Carbon Disulfide	2.508	76	1755	0.222	ug/l #	86
18) Methyl Acetate	2.630	43	28601	4.209	ug/l #	53
20) Methylene Chloride	2.788	84	1105	0.293	ug/l #	80
25) 2-Butanone	4.404	43	13575	4.879	ug/l #	51
31) Cyclohexane	5.550	56	6370	1.111	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	24027	4.702	ug/l #	50
38) Carbon Tetrachloride	5.550	117	31424	6.522	ug/l #	17
43) Isopropyl Acetate	6.141	43	95935	10.731	ug/l #	62
59) 2-Hexanone	9.250	43	2014	0.503	ug/l	64
68) m/p-Xylenes	10.299	106	1447	0.212	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	118787	26.256	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	118787	78.686	ug/l #	8
85) sec-Butylbenzene	11.890	105	5172	0.329	ug/l	95
86) p-Isopropyltoluene	12.012	119	4503	0.344	ug/l #	78
89) n-Butylbenzene	12.335	91	5474	0.478	ug/l	98
90) Hexachloroethane	12.536	117	433	0.213	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	1931	0.459	ug/l	95
94) Hexachlorobutadiene	13.725	225	1488	0.805	ug/l	93
95) Naphthalene	13.780	128	9401	0.629	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1972	0.465	ug/l	95

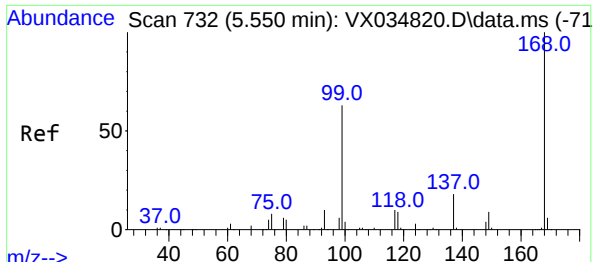
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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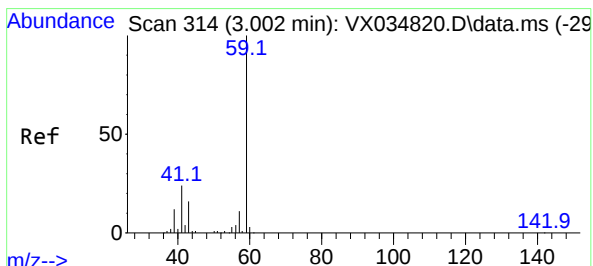
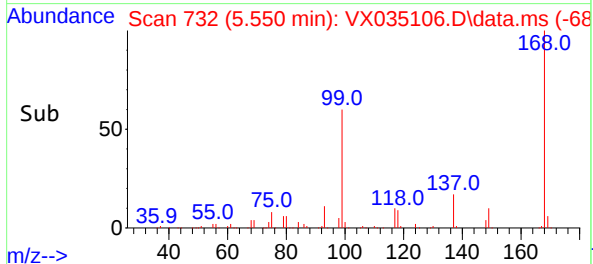
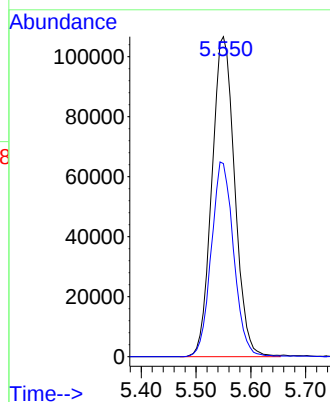
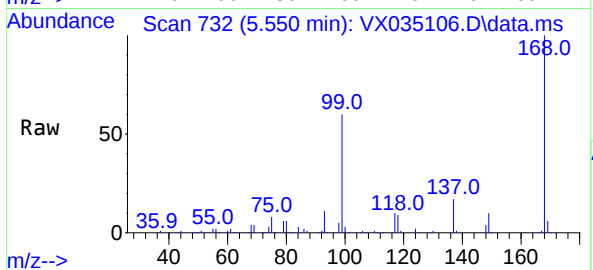




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

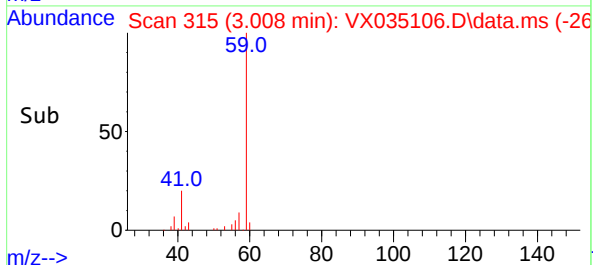
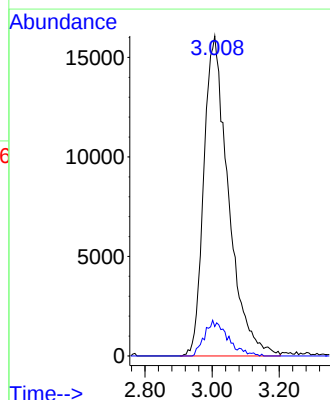
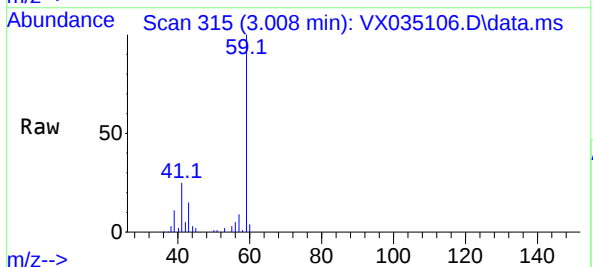
Instrument :
MSVOA_X
ClientSampleId :
BUR-1263

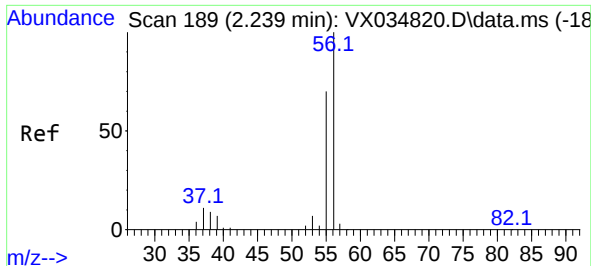
Tgt Ion:168 Resp: 307845
Ion Ratio Lower Upper
168 100
99 60.4 45.7 68.5



#11
Tert butyl alcohol
Concen: 99.163 ug/l
RT: 3.008 min Scan# 315
Delta R.T. 0.006 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion: 59 Resp: 81913
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1

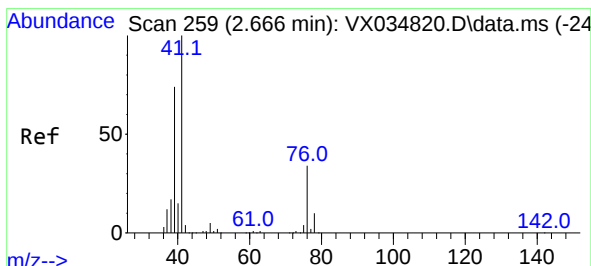
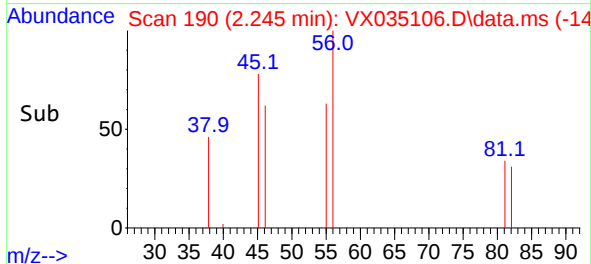
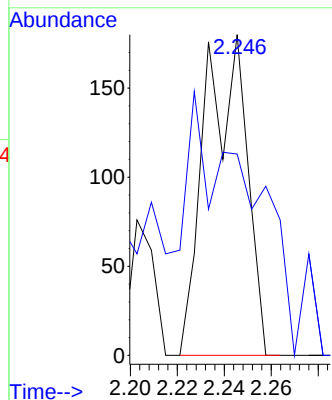
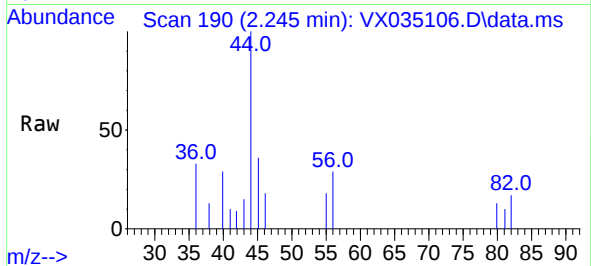




#13
Acrolein
Concen: 0.261 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

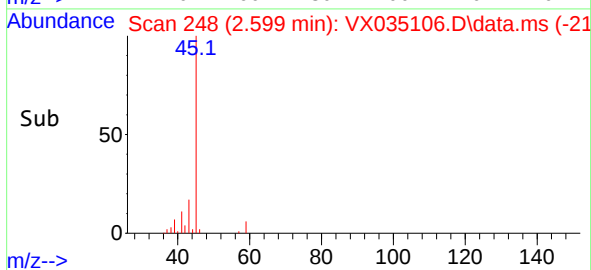
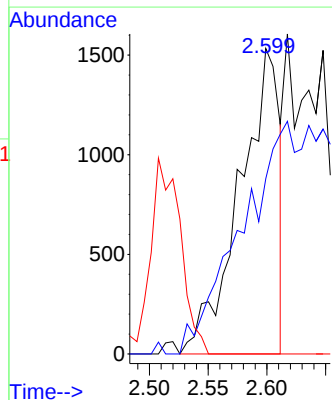
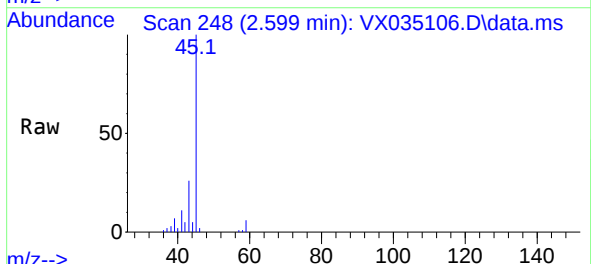
Instrument :
MSVOA_X
ClientSampleId :
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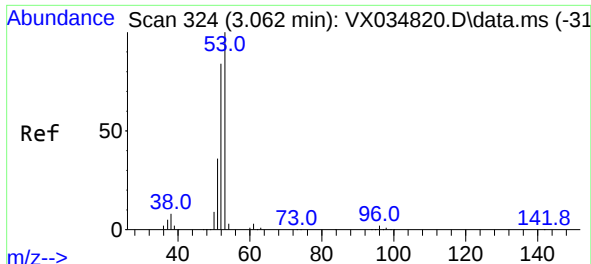
Tgt Ion: 56 Resp: 222
Ion Ratio Lower Upper
56 100
55 136.0 56.6 85.0#



#14
Allyl chloride
Concen: 0.582 ug/l
RT: 2.599 min Scan# 248
Delta R.T. -0.067 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion: 41 Resp: 3601
Ion Ratio Lower Upper
41 100
39 101.6 52.4 78.6#
76 0.0 26.0 39.0#

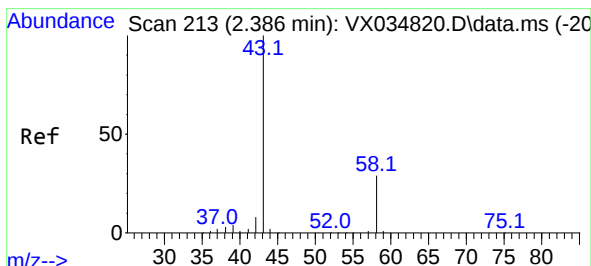
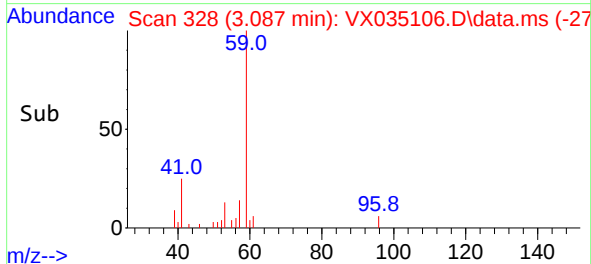
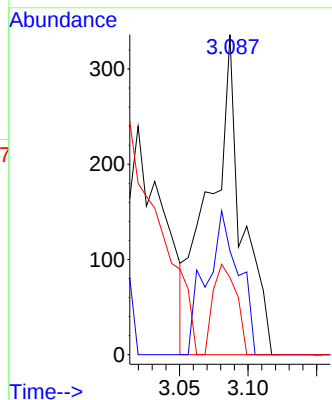
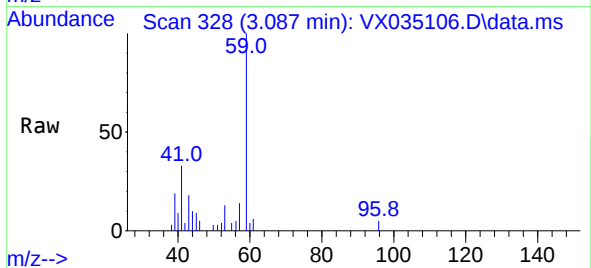




#15
Acrylonitrile
Concen: 0.296 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.024 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

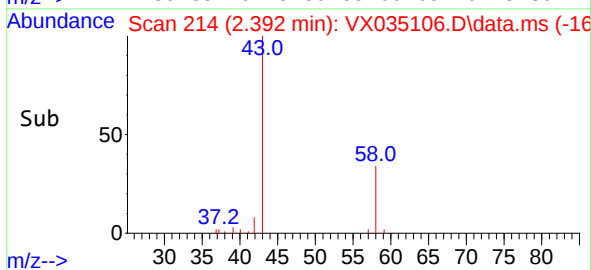
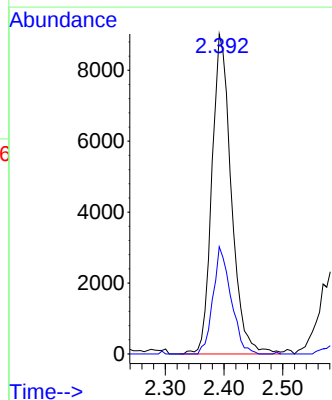
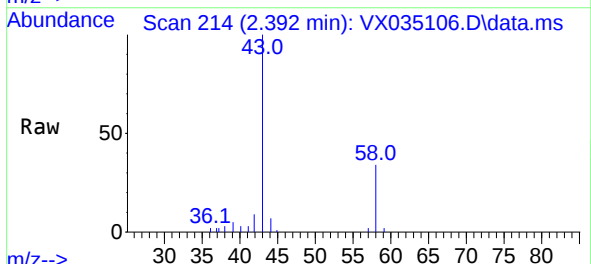
Instrument :
MSVOA_X
ClientSampleId :
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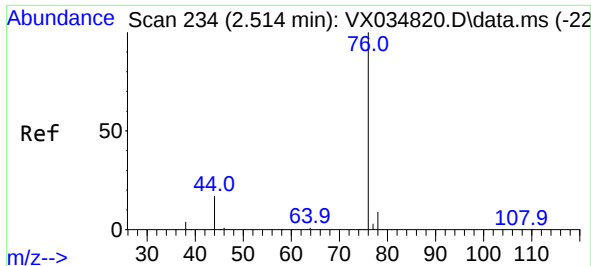
Tgt Ion: 53 Resp: 550
Ion Ratio Lower Upper
53 100
52 45.1 66.2 99.2#
51 20.2 28.3 42.5#



#16
Acetone
Concen: 10.818 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion: 43 Resp: 20690
Ion Ratio Lower Upper
43 100
58 33.5 24.7 37.1

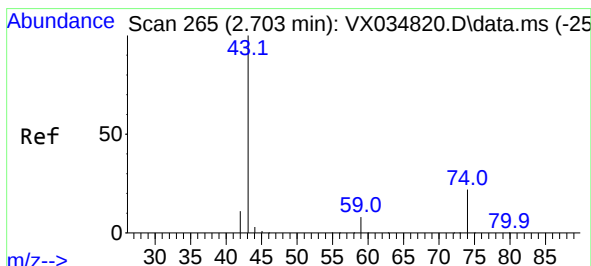
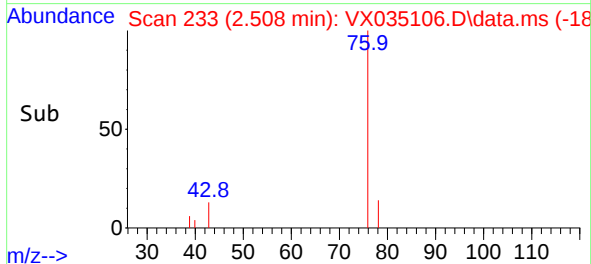
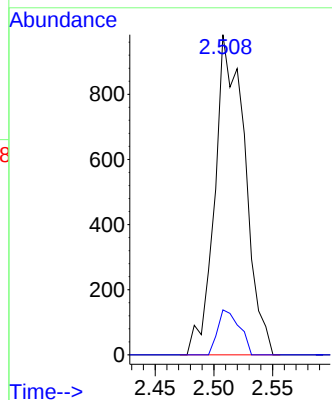
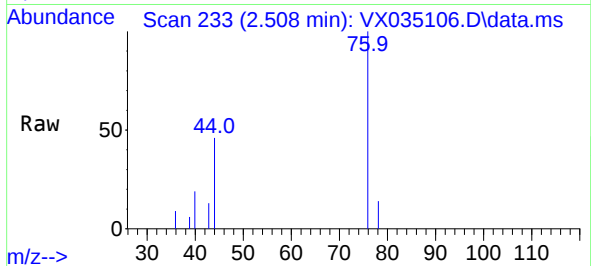




#17
Carbon Disulfide
Concen: 0.222 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

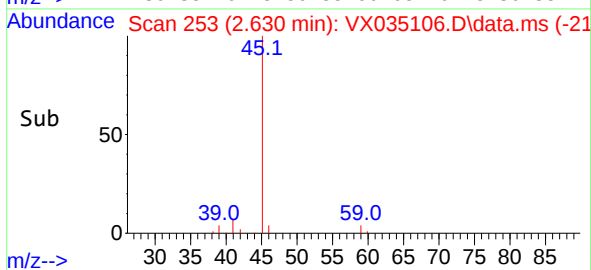
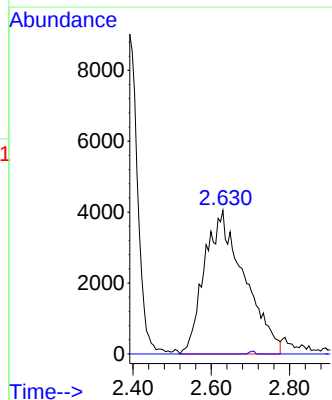
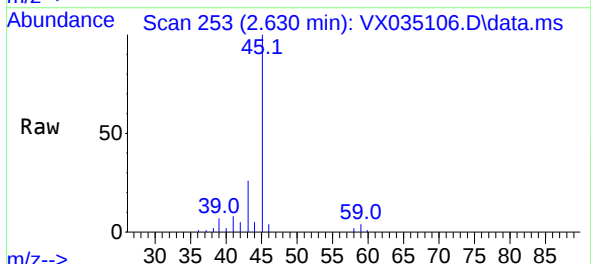
Instrument :
MSVOA_X
ClientSampleId :
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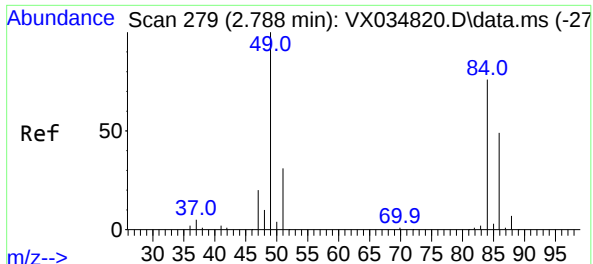
Tgt Ion: 76 Resp: 1755
Ion Ratio Lower Upper
76 100
78 14.0 7.2 10.8#



#18
Methyl Acetate
Concen: 4.209 ug/l
RT: 2.630 min Scan# 253
Delta R.T. -0.073 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion: 43 Resp: 28601
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#

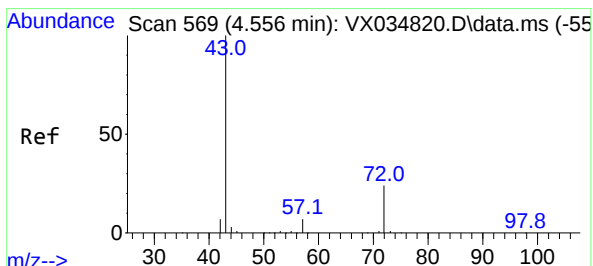
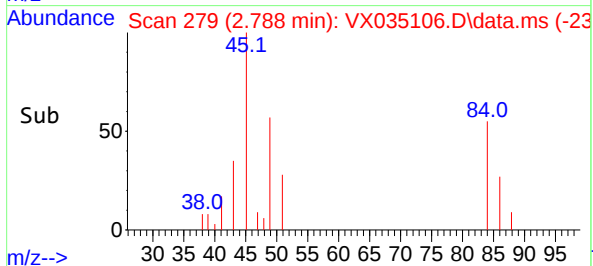
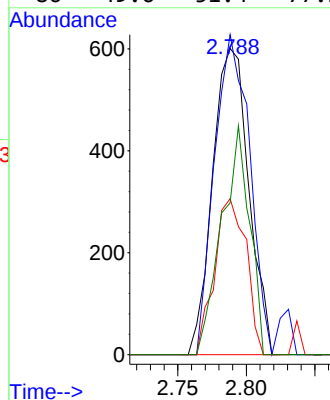
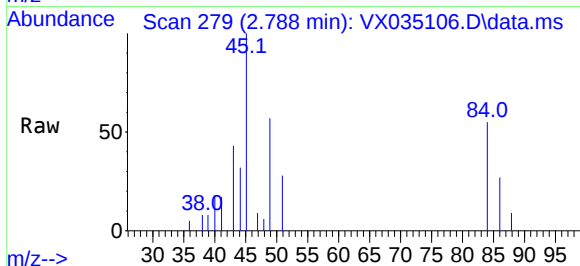




#20
Methylene Chloride
Concen: 0.293 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

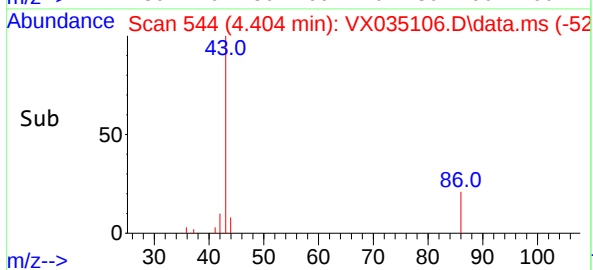
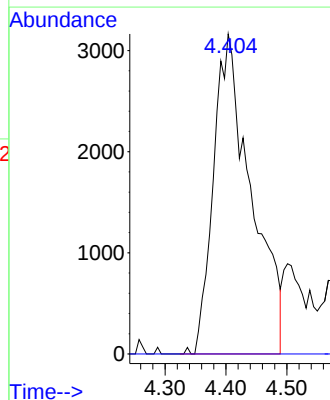
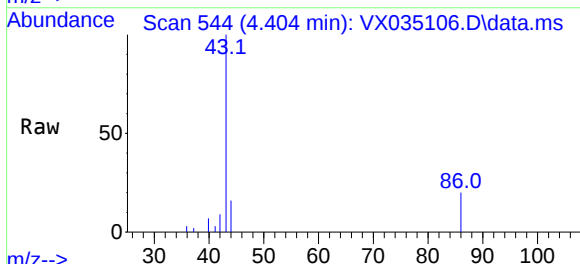
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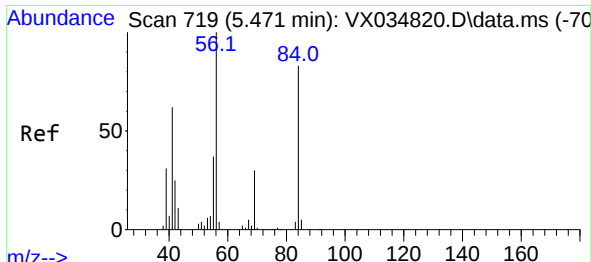
Tgt Ion:	84	Resp:	1105
Ion	Ratio	Lower	Upper
84	100		
49	104.5	103.8	155.8
51	50.9	31.8	47.8#
86	49.6	51.4	77.2#



#25
2-Butanone
Concen: 4.879 ug/l
RT: 4.404 min Scan# 544
Delta R.T. -0.152 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

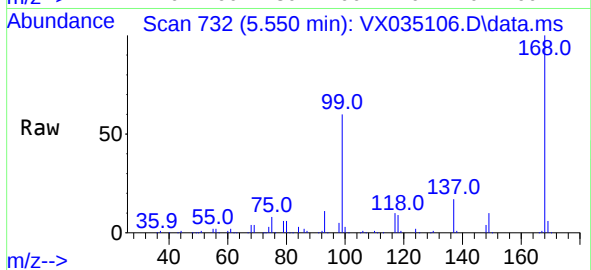
Tgt Ion:	43	Resp:	13575
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.3	28.9#



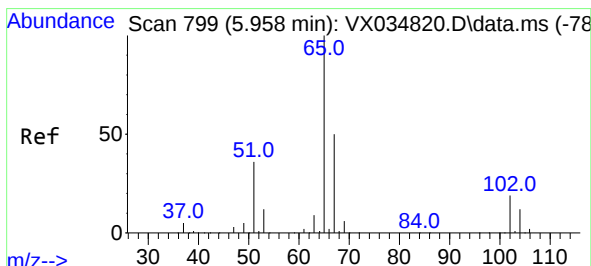
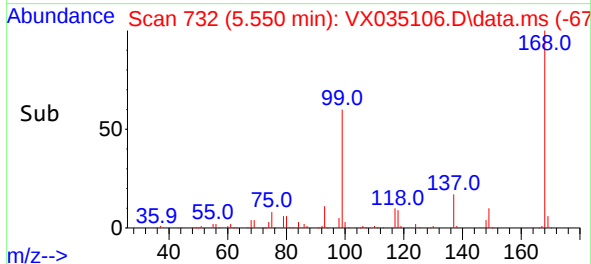
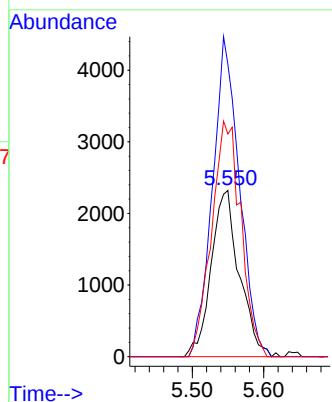


#31
Cyclohexane
Concen: 1.111 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035106.D
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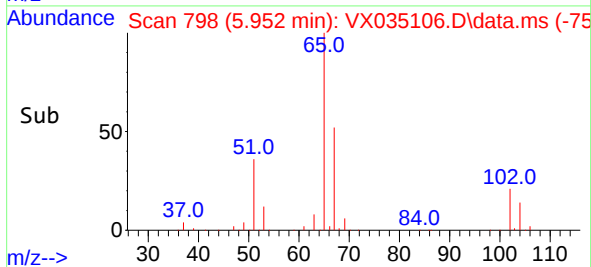
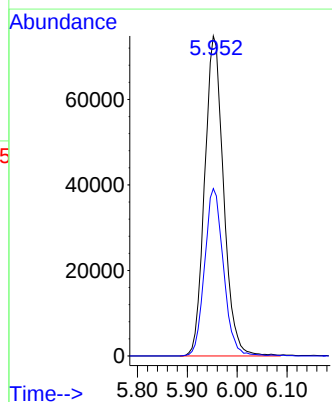
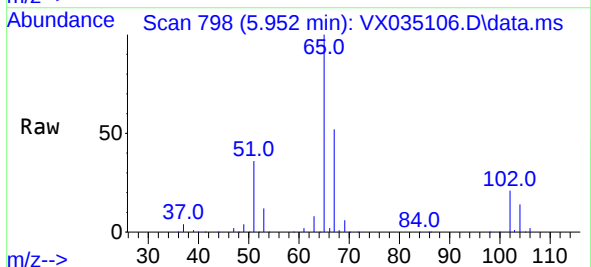


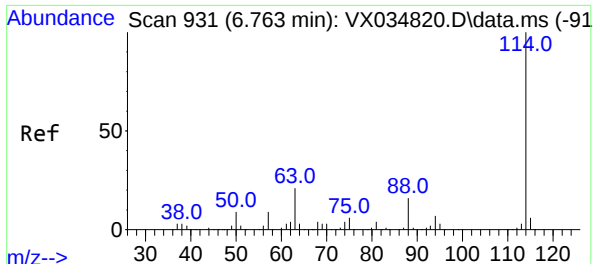
Tgt Ion: 56 Resp: 6370
Ion Ratio Lower Upper
56 100
69 175.8 23.7 35.5#
84 133.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 41.895 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion: 65 Resp: 197243
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

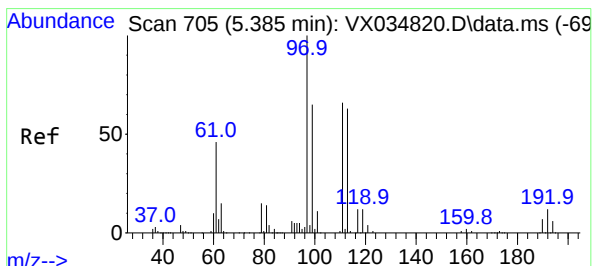
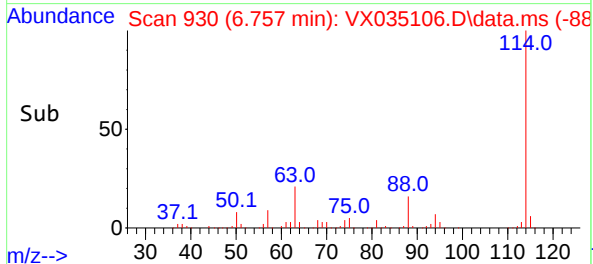
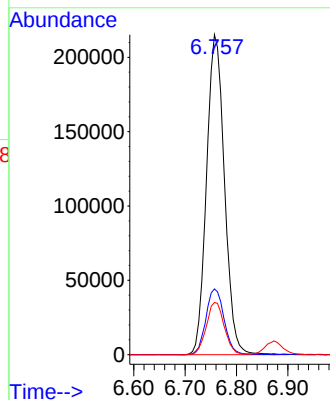
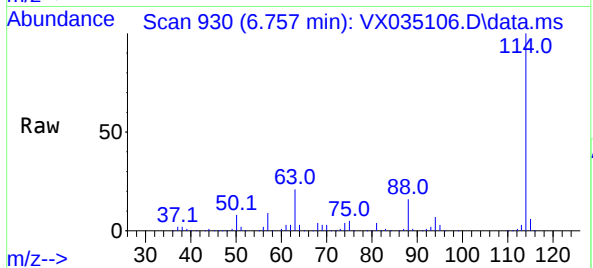




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

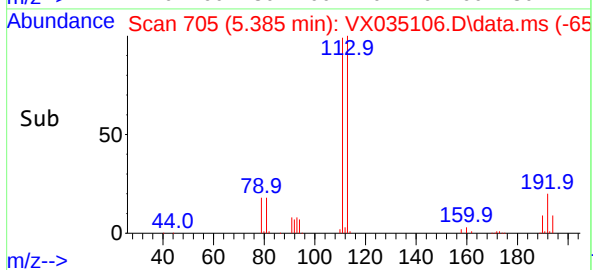
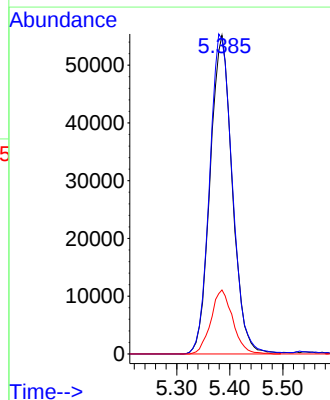
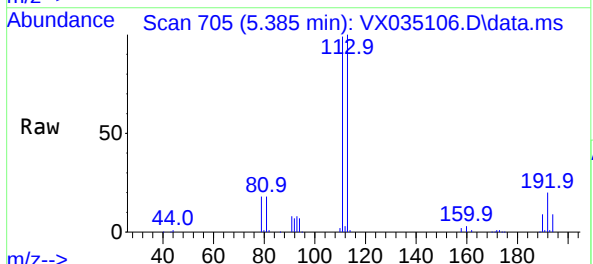
Instrument :
MSVOA_X
ClientSampleId :
BUR-1263

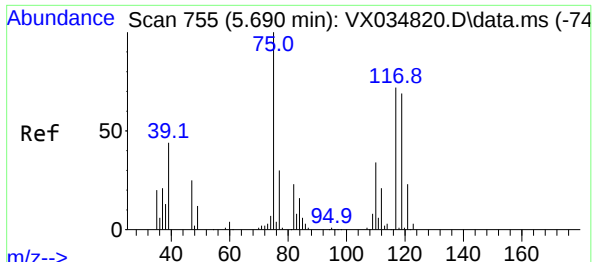
Tgt Ion:114 Resp: 521500
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.370 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion:113 Resp: 159944
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 19.8 15.4 23.2

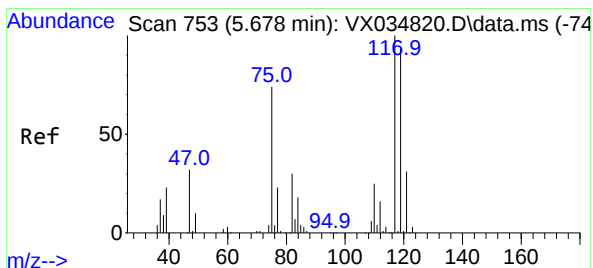
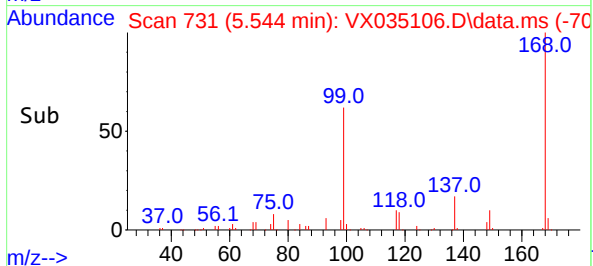
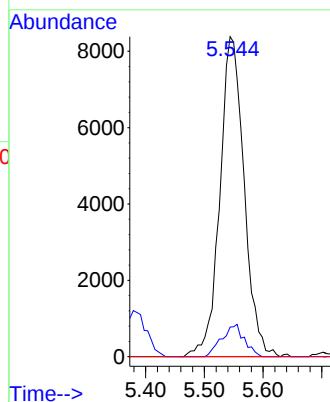
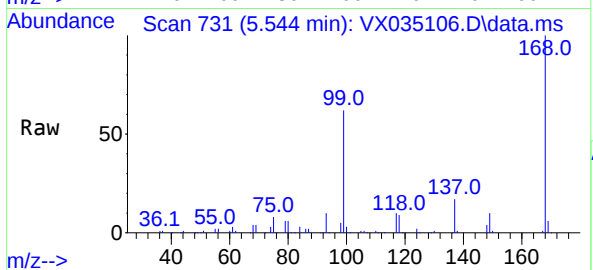




#36
1,1-Dichloropropene
Concen: 4.702 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

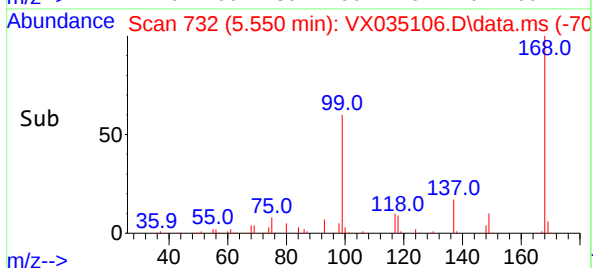
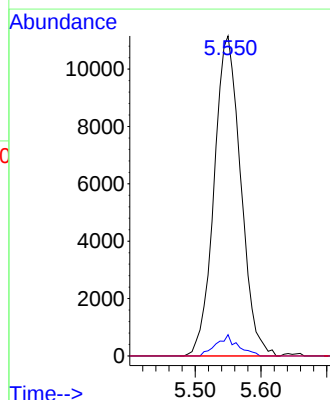
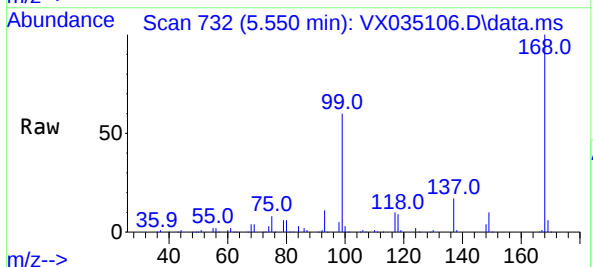
Instrument :
MSVOA_X
ClientSampleId :
BUR-1263

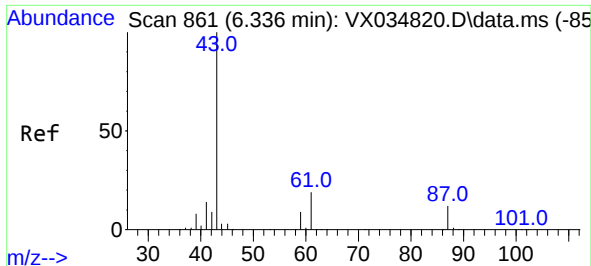
Tgt Ion: 75 Resp: 24027
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.522 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion: 117 Resp: 31424
Ion Ratio Lower Upper
117 100
119 6.6 76.6 114.8#
121 0.0 23.8 35.6#

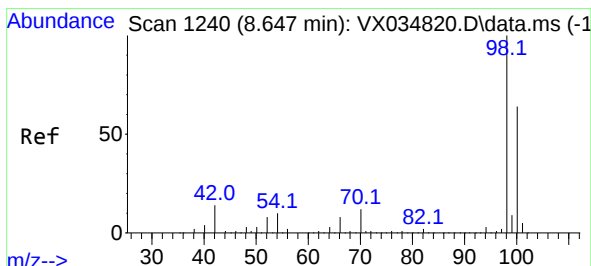
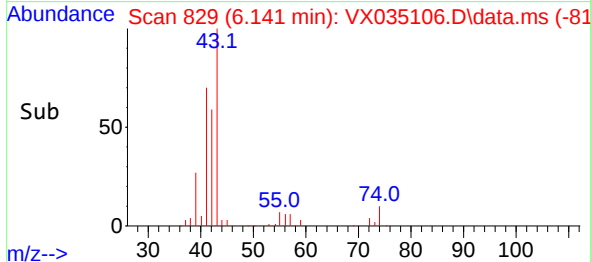
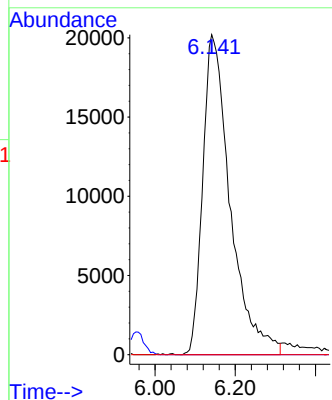
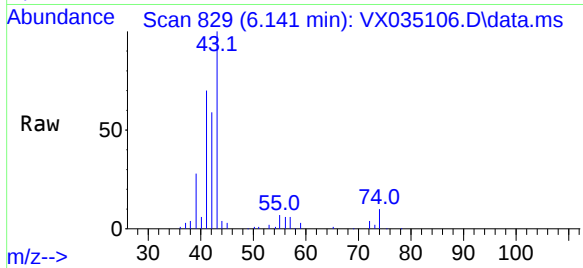




#43
Isopropyl Acetate
Concen: 10.731 ug/l
RT: 6.141 min Scan# 81
Delta R.T. -0.195 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

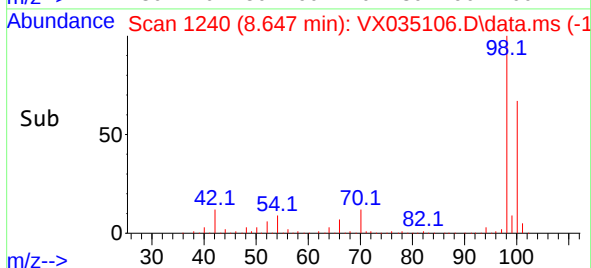
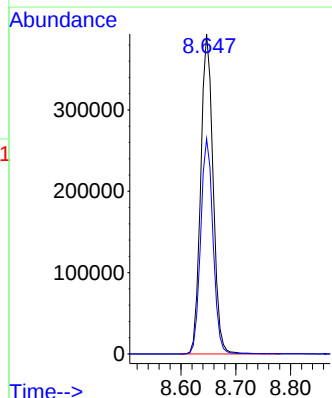
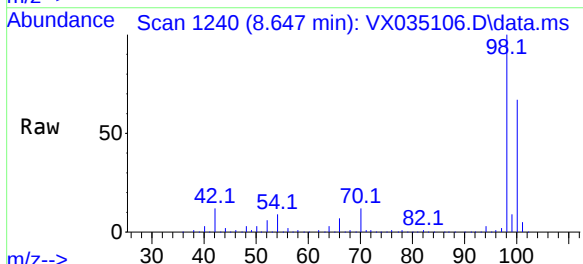
Instrument :
MSVOA_X
ClientSampleId :
BUR-1263

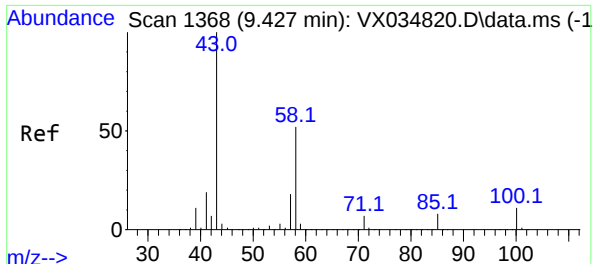
Tgt Ion: 43 Resp: 95935
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.8#



#50
Toluene-d8
Concen: 48.536 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion: 98 Resp: 617936
Ion Ratio Lower Upper
98 100
100 67.1 52.5 78.7

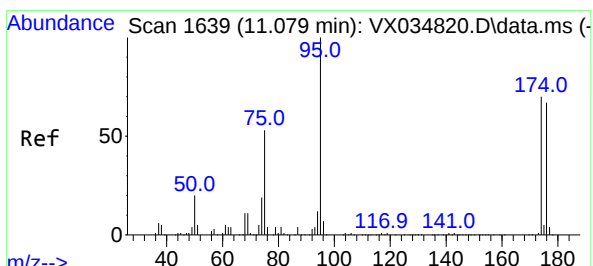
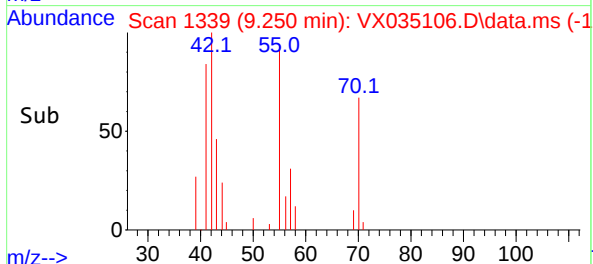
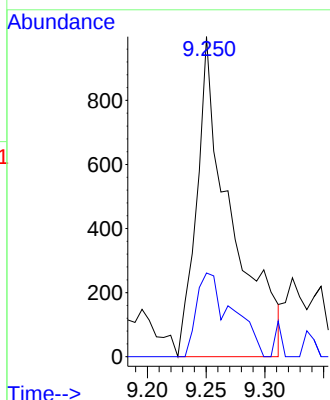
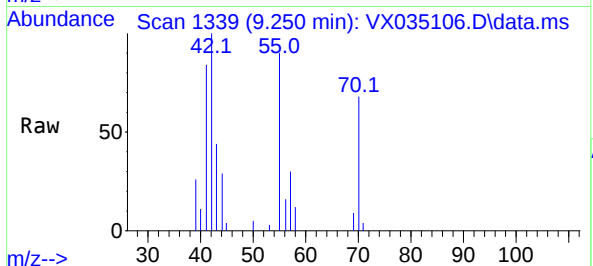




#59
2-Hexanone
Concen: 0.503 ug/l
RT: 9.250 min Scan# 11
Delta R.T. -0.177 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

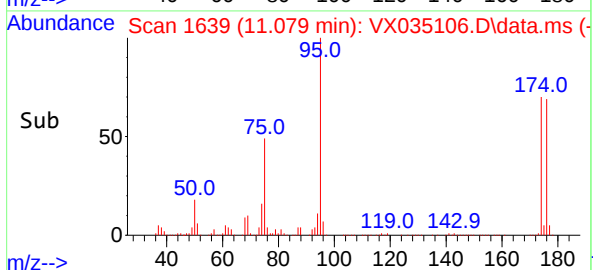
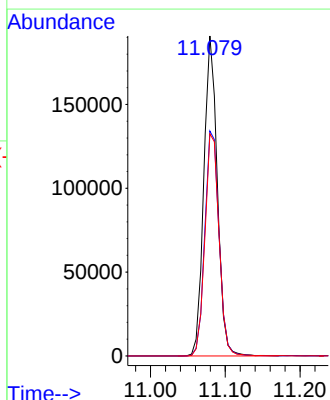
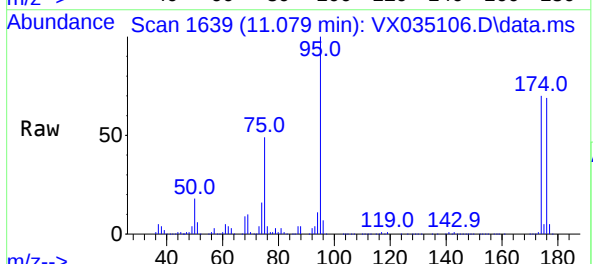
Instrument :
MSVOA_X
ClientSampleId :
BUR-1263

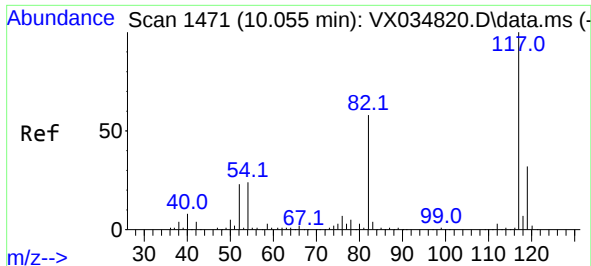
Tgt Ion: 43 Resp: 2014
Ion Ratio Lower Upper
43 100
58 27.5 26.3 78.9



#62
4-Bromofluorobenzene
Concen: 48.557 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion: 95 Resp: 239230
Ion Ratio Lower Upper
95 100
174 74.0 0.0 147.4
176 72.7 0.0 140.6

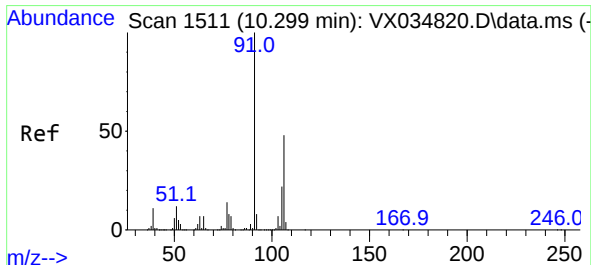
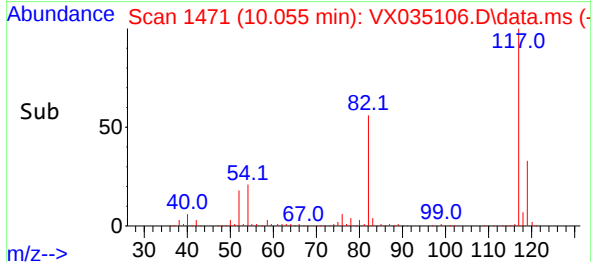
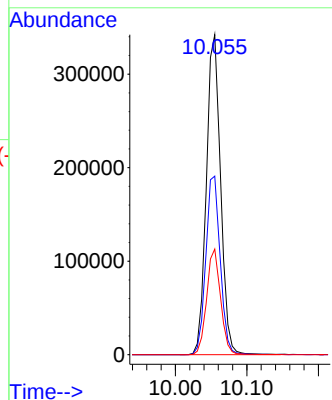
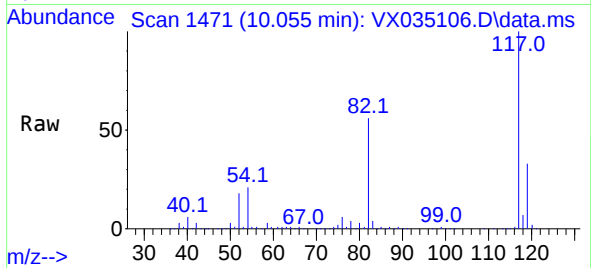




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

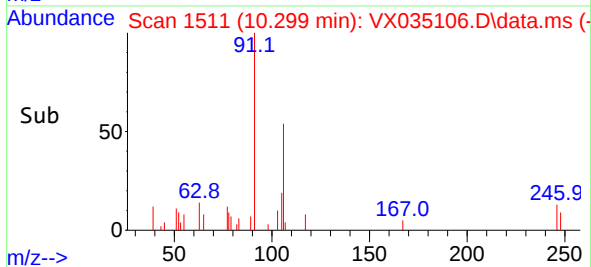
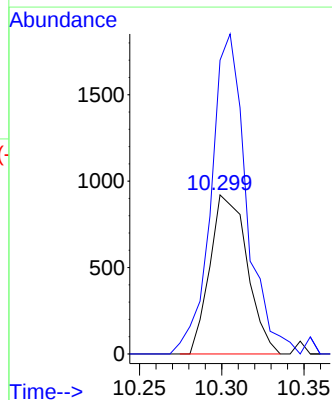
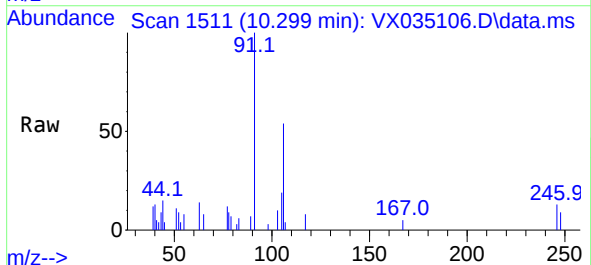
Instrument :
MSVOA_X
ClientSampleId :
BUR-1263

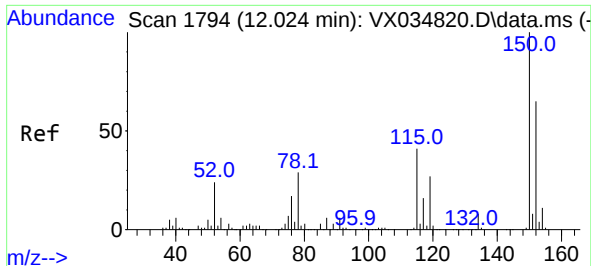
Tgt Ion:117 Resp: 473327
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 33.0 26.0 39.0



#68
m/p-Xylenes
Concen: 0.212 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion:106 Resp: 1447
Ion Ratio Lower Upper
106 100
91 191.4 164.0 246.0

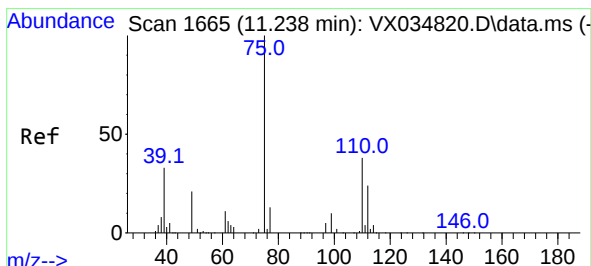
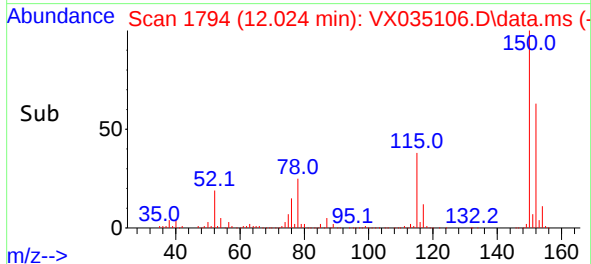
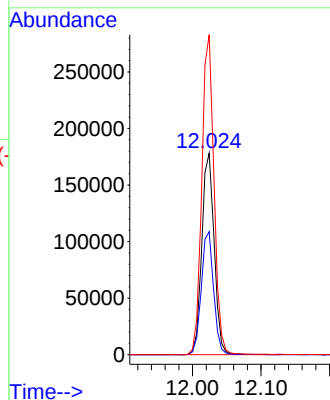
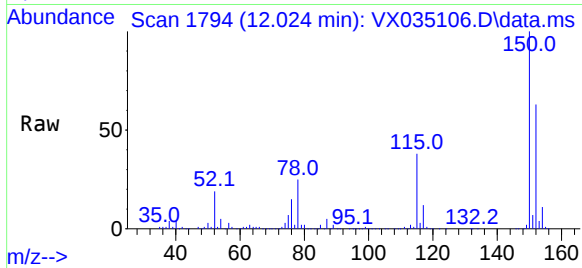




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

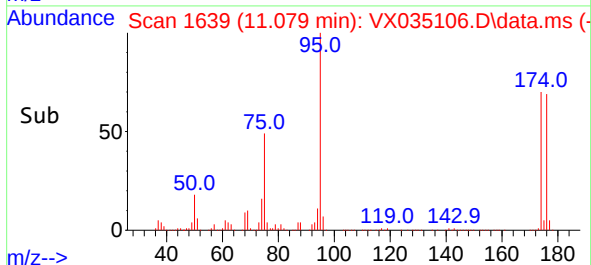
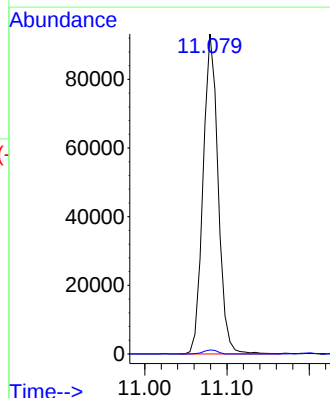
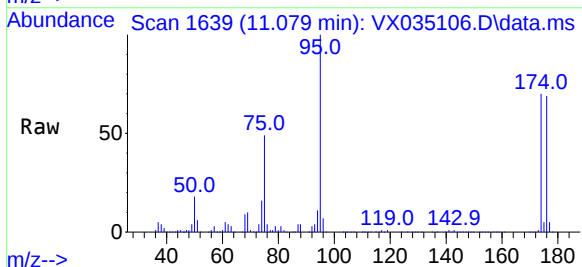
Instrument :
MSVOA_X
ClientSampleId :
BUR-1263

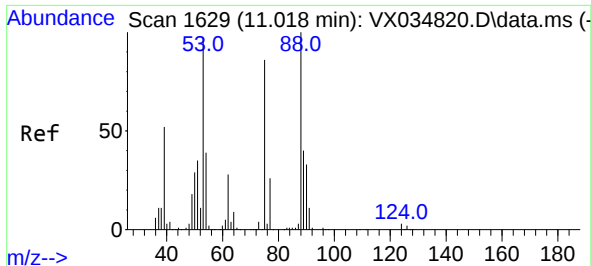
Tgt Ion:152 Resp: 224537
Ion Ratio Lower Upper
152 100
115 60.7 45.0 135.0
150 156.6 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 26.256 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion: 75 Resp: 118787
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#

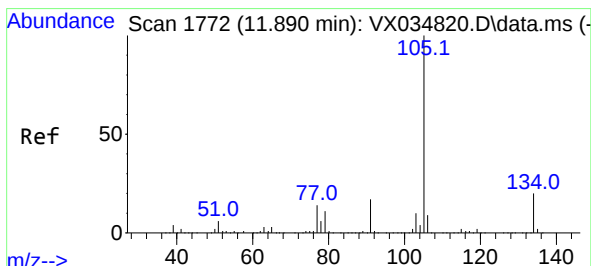
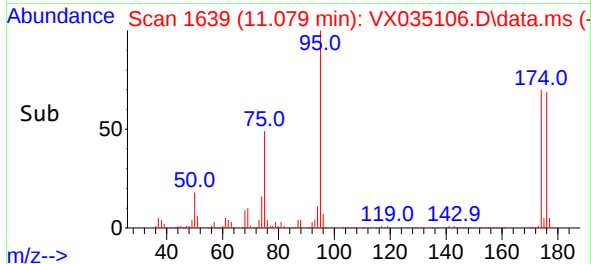
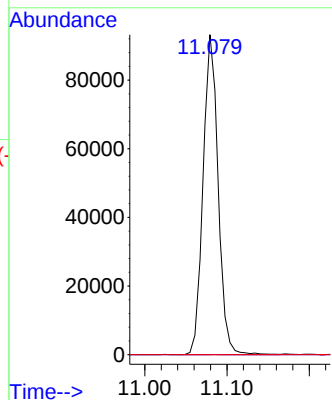
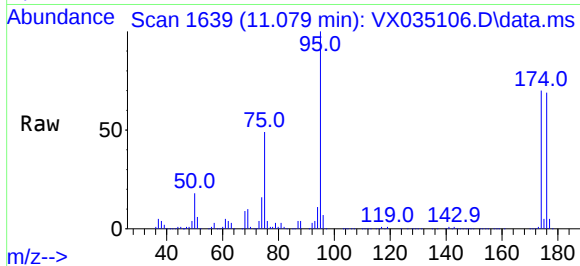




#81
trans-1,4-Dichloro-2-butene
Concen: 78.686 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

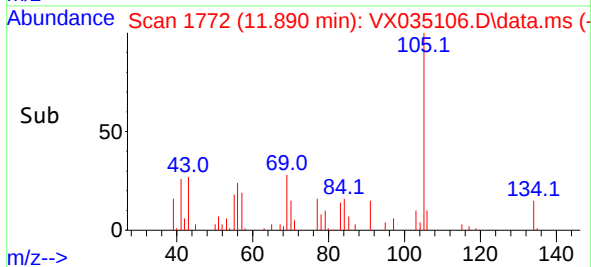
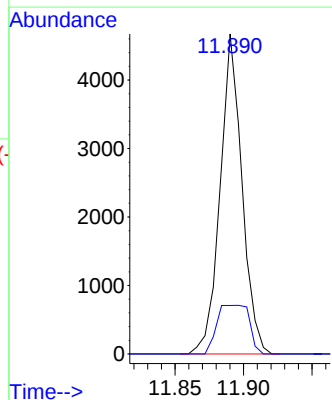
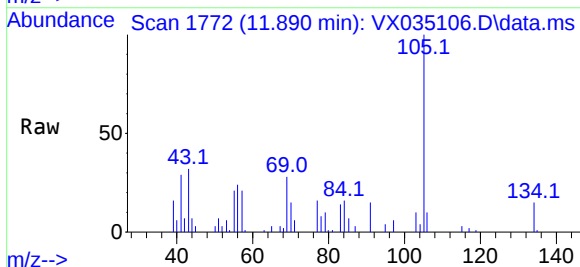
Instrument :
MSVOA_X
ClientSampleId :
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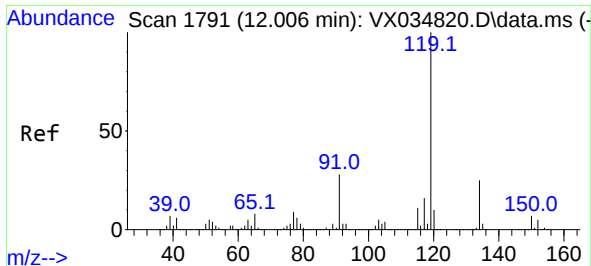
Tgt Ion: 75 Resp: 118787
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#85
sec-Butylbenzene
Concen: 0.329 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion: 105 Resp: 5172
Ion Ratio Lower Upper
105 100
134 22.5 10.2 30.4

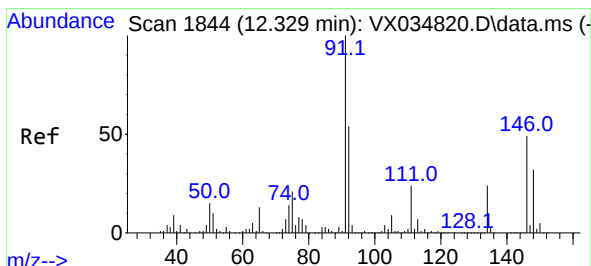
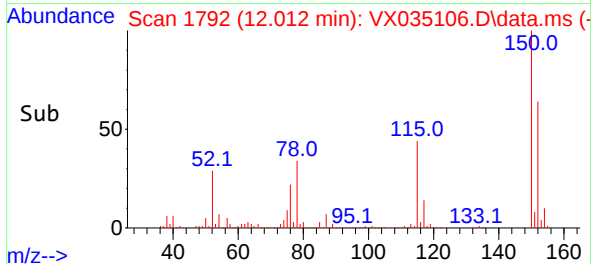
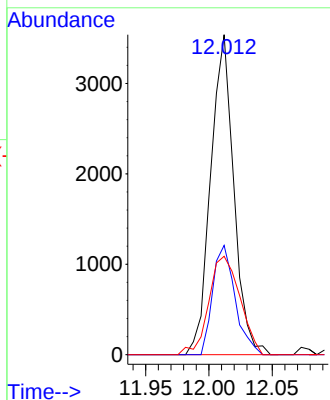
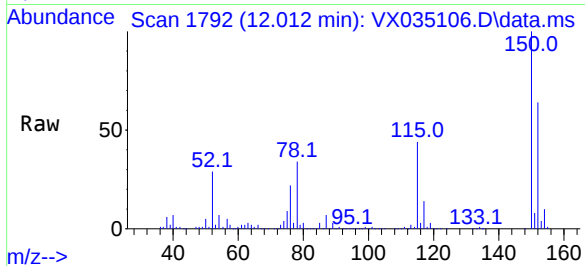




#86
p-Isopropyltoluene
Concen: 0.344 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.006 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

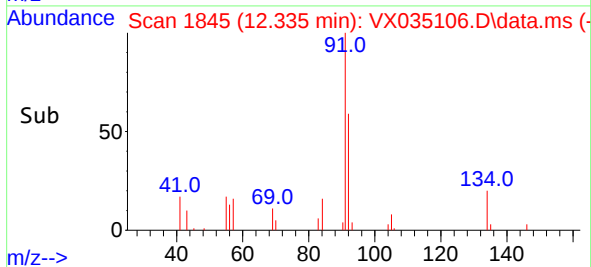
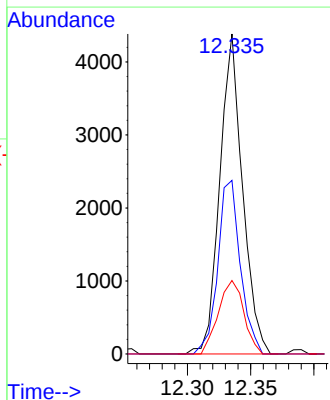
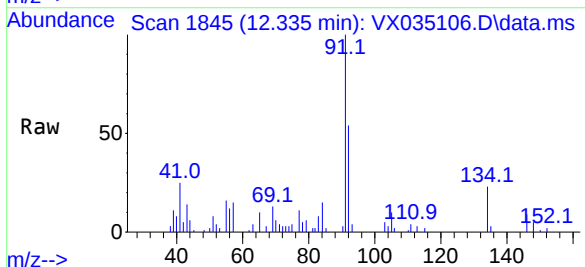
Instrument :
MSVOA_X
ClientSampleId :
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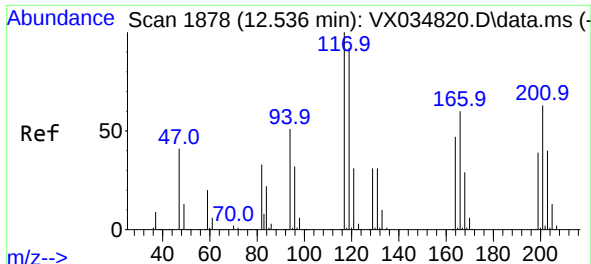
Tgt Ion: 119 Resp: 4503
Ion Ratio Lower Upper
119 100
134 33.0 13.2 39.5
91 41.4 12.9 38.7#



#89
n-Butylbenzene
Concen: 0.478 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion: 91 Resp: 5474
Ion Ratio Lower Upper
91 100
92 53.8 27.7 83.0
134 25.7 13.0 38.9

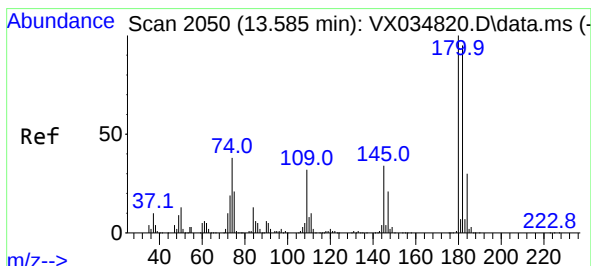
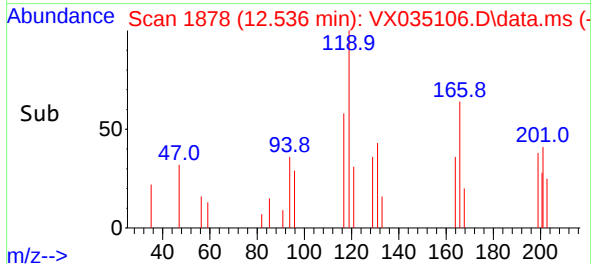
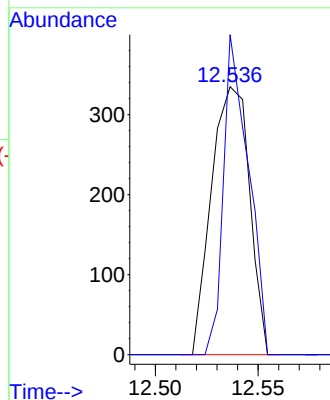
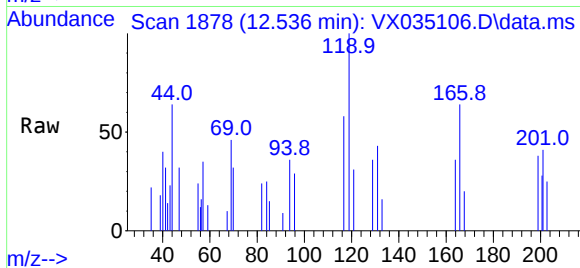




#90
Hexachloroethane
Concen: 0.213 ug/l
RT: 12.536 min Scan# 117
Delta R.T. 0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

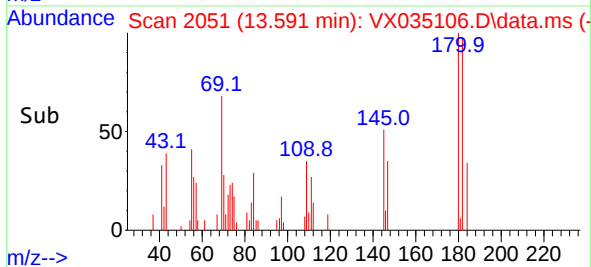
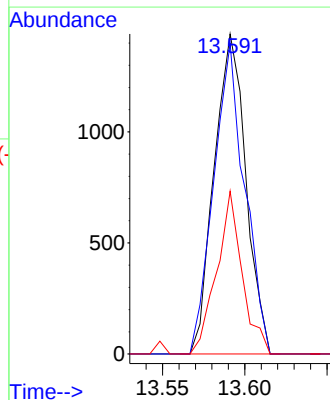
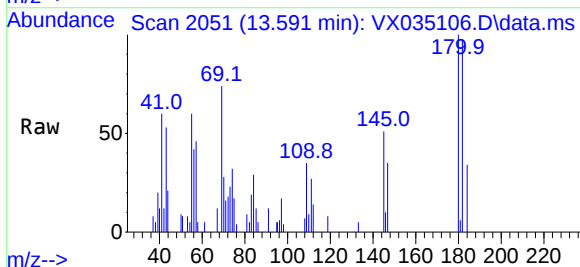
Instrument :
MSVOA_X
ClientSampleId :
BUR-1263

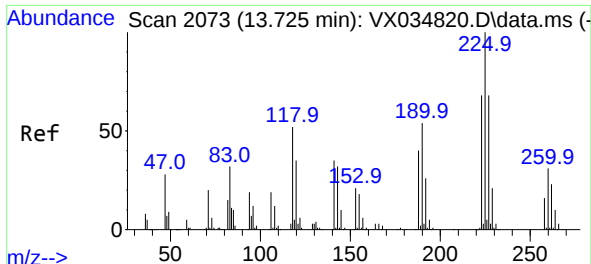
Tgt Ion:117 Resp: 433
Ion Ratio Lower Upper
117 100
201 77.8 34.4 103.1



#93
1,2,4-Trichlorobenzene
Concen: 0.459 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion:180 Resp: 1931
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.0
145 41.0 15.9 47.7

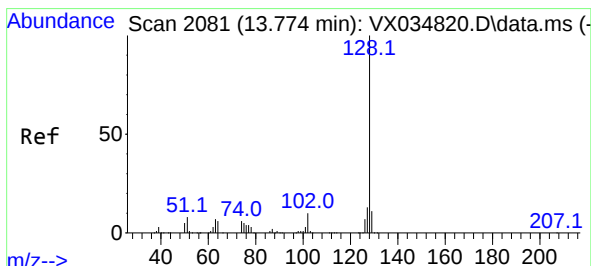
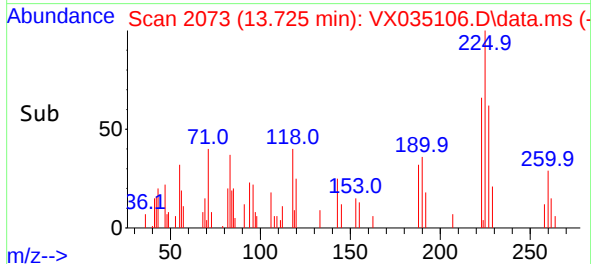
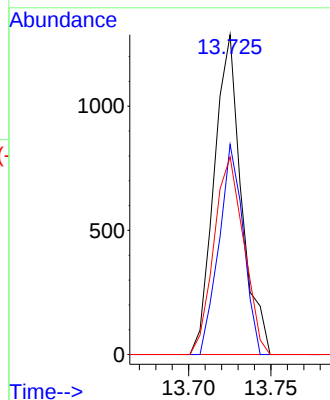
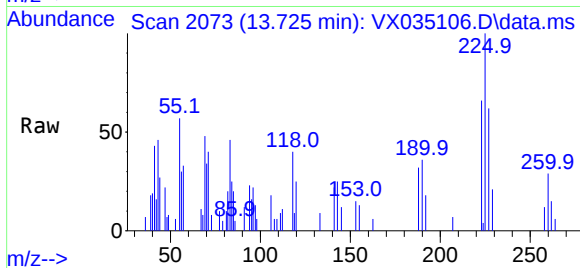




#94
Hexachlorobutadiene
Concen: 0.805 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

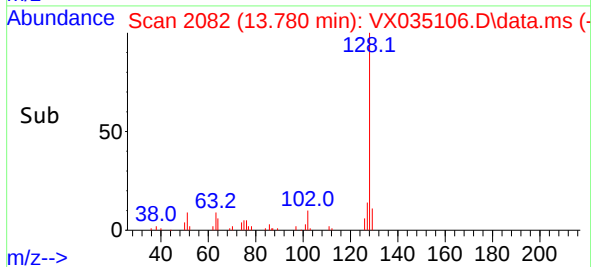
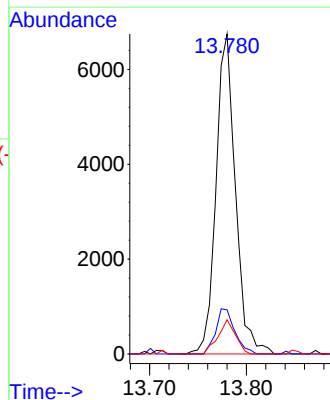
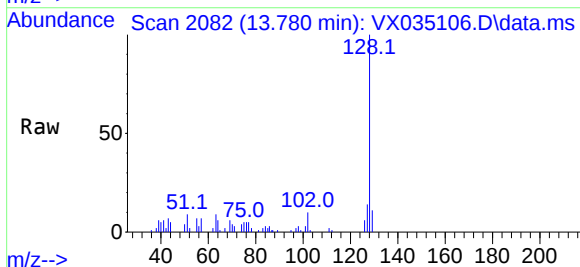
Instrument :
MSVOA_X
ClientSampleId :
BUR-1263

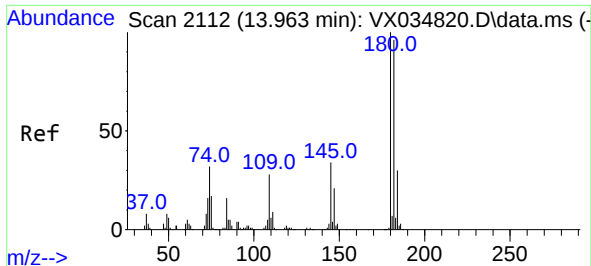
Tgt Ion:	225	Resp:	1488
Ion	Ratio	Lower	Upper
225	100		
223	58.2	32.1	96.5
227	67.8	31.8	95.4



#95
Naphthalene
Concen: 0.629 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035106.D
Acq: 17 Apr 2023 14:06

Tgt Ion:	128	Resp:	9401
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	9.6	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.465 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX035106.D
 Acq: 17 Apr 2023 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1263

Tgt Ion:180 Resp: 1972
 Ion Ratio Lower Upper
 180 100
 182 93.1 48.0 144.2
 145 41.3 17.7 53.1

