

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041723\
 Data File : VX035109.D
 Acq On : 17 Apr 2023 15:16
 Operator : JC/MD
 Sample : 02353-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1261

Quant Time: Apr 18 05:53:46 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)

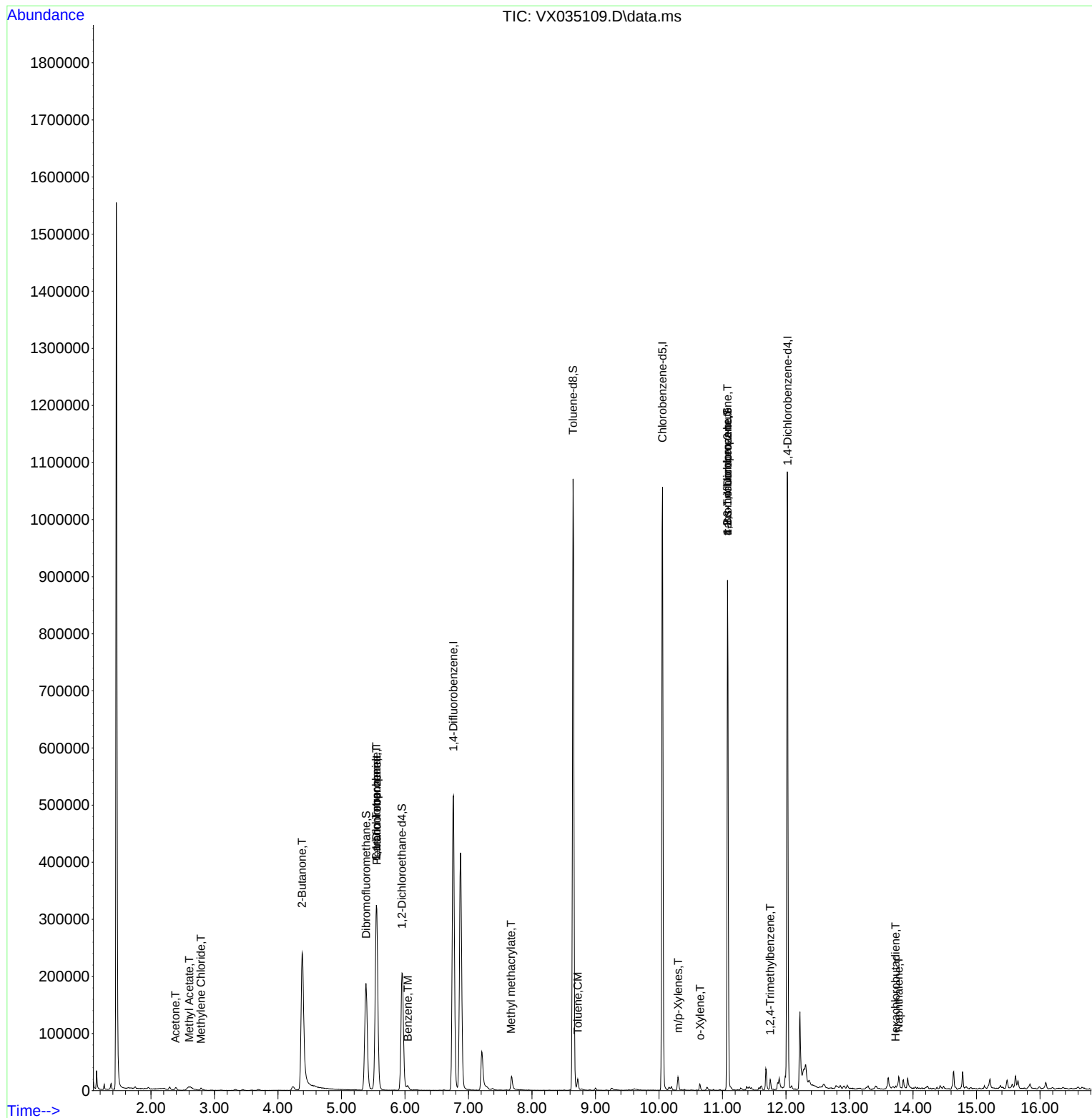
Internal Standards						
1) Pentafluorobenzene	5.556	168	316785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	535835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	479960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	202897	41.880	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.760%		
35) Dibromofluoromethane	5.385	113	165543	46.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.420%		
50) Toluene-d8	8.647	98	633642	48.438	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.880%		
62) 4-Bromofluorobenzene	11.079	95	244376	48.274	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.540%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	6783	3.446	ug/l #	83
18) Methyl Acetate	2.605	43	3053	0.437	ug/l #	53
20) Methylene Chloride	2.788	84	1740	0.448	ug/l #	85
25) 2-Butanone	4.379	43	581525	203.126	ug/l #	51
36) 1,1-Dichloropropene	5.550	75	24726	4.709	ug/l #	51
38) Carbon Tetrachloride	5.550	117	32040	6.472	ug/l #	15
40) Benzene	6.044	78	8466	0.562	ug/l	91
48) Methyl methacrylate	7.671	41	966	0.214	ug/l #	44
52) Toluene	8.720	92	6662	0.678	ug/l	99
68) m/p-Xylenes	10.299	106	5173	0.749	ug/l	100
69) o-Xylene	10.647	106	2453	0.362	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	122757	26.653	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	122757	79.876	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.750	105	7800	0.548	ug/l	99
94) Hexachlorobutadiene	13.725	225	498	0.265	ug/l	96
95) Naphthalene	13.774	128	12720	0.836	ug/l	96

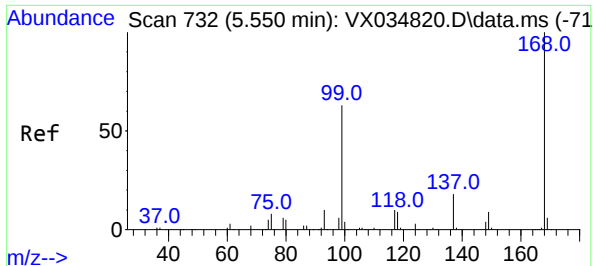
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 18 05:53:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
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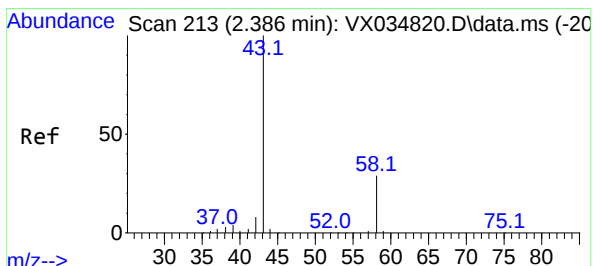
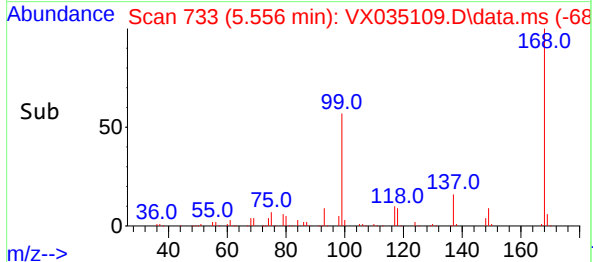
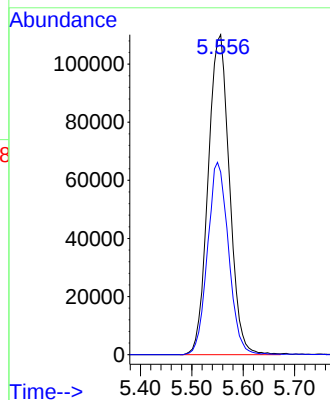
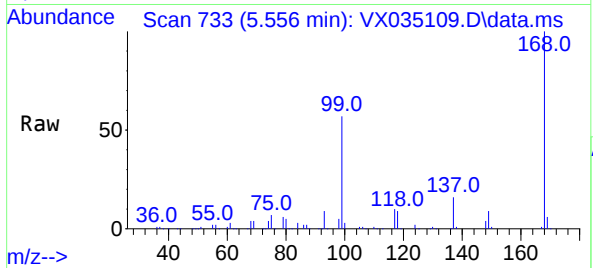




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

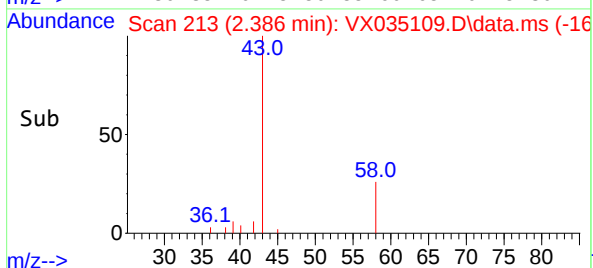
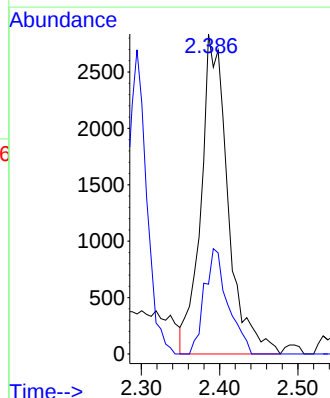
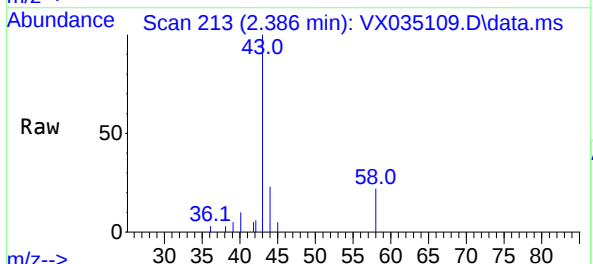
Instrument :
MSVOA_X
ClientSampleId :
BUR-1261

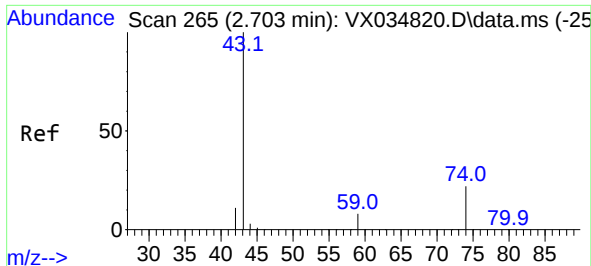
Tgt Ion:168 Resp: 316785
Ion Ratio Lower Upper
168 100
99 57.0 45.7 68.5



#16
Acetone
Concen: 3.446 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

Tgt Ion: 43 Resp: 6783
Ion Ratio Lower Upper
43 100
58 21.8 24.7 37.1#

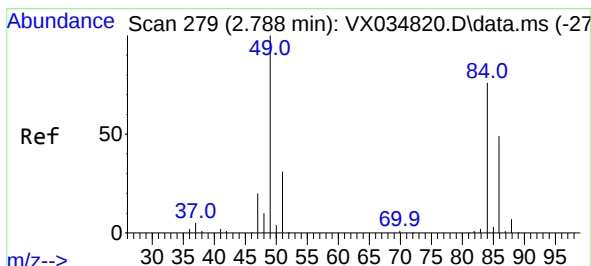
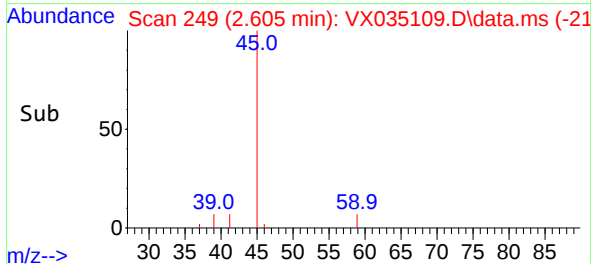
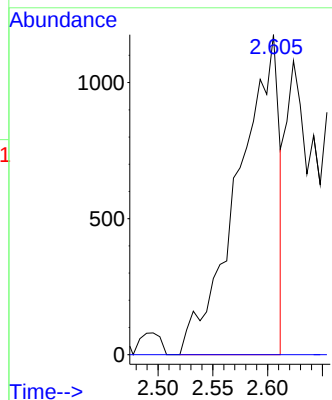
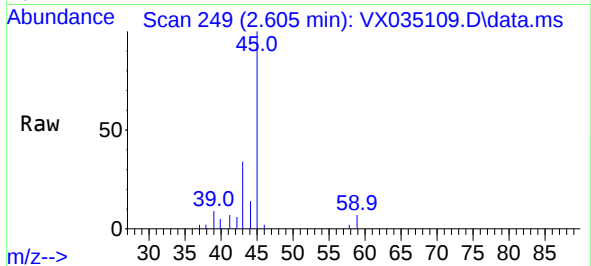




#18
Methyl Acetate
Concen: 0.437 ug/l
RT: 2.605 min Scan# 249
Delta R.T. -0.097 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

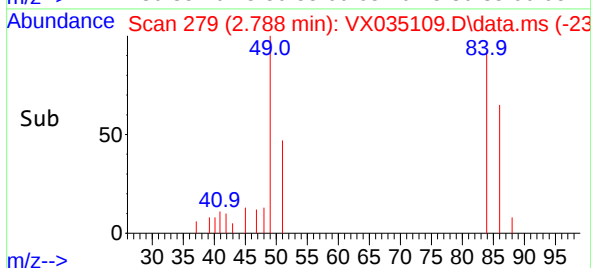
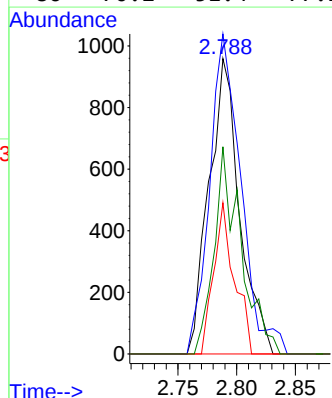
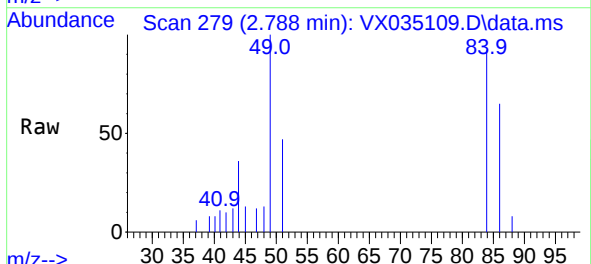
Instrument :
MSVOA_X
ClientSampleId :
BUR-1261

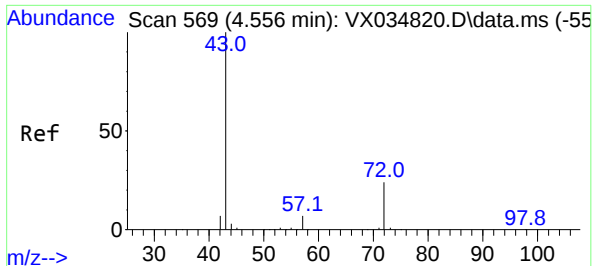
Tgt Ion: 43 Resp: 3053
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#20
Methylene Chloride
Concen: 0.448 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

Tgt Ion: 84 Resp: 1740
Ion Ratio Lower Upper
84 100
49 108.3 103.8 155.8
51 51.2 31.8 47.8#
86 70.2 51.4 77.2





#25

2-Butanone

Concen: 203.126 ug/l

RT: 4.379 min Scan# 54

Delta R.T. -0.177 min

Lab File: VX035109.D

Acq: 17 Apr 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

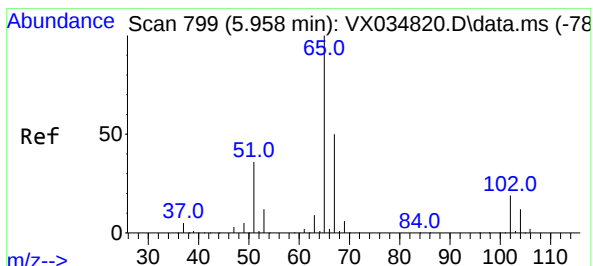
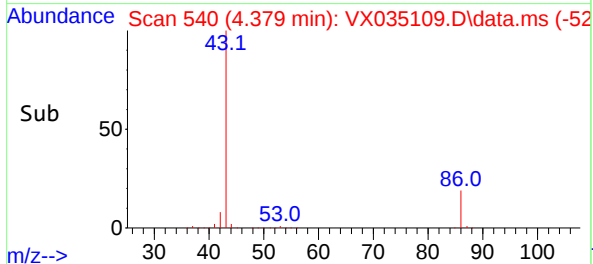
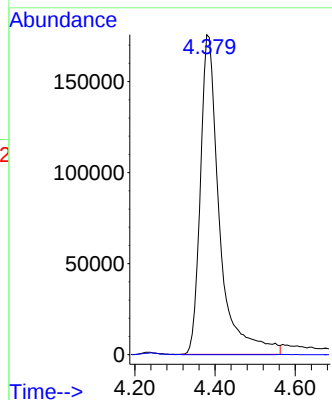
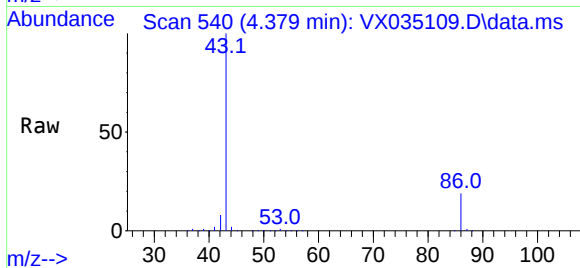
BUR-1261

Tgt Ion: 43 Resp: 581525

Ion Ratio Lower Upper

43 100

72 0.0 19.3 28.9#



#33

1,2-Dichloroethane-d4

Concen: 41.880 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX035109.D

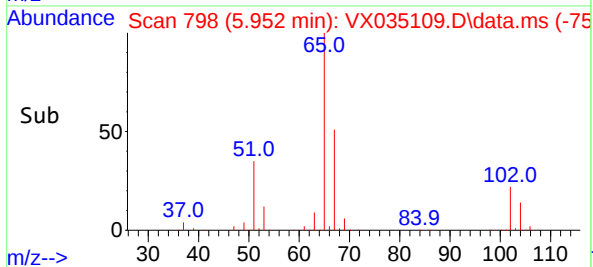
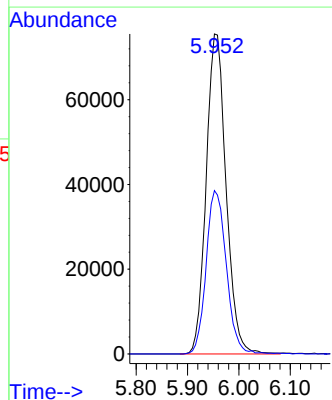
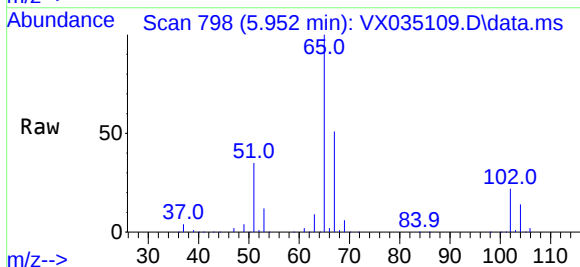
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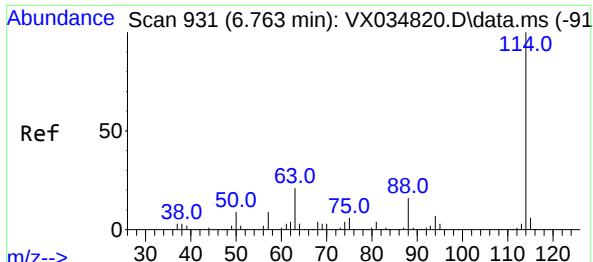
Tgt Ion: 65 Resp: 202897

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0

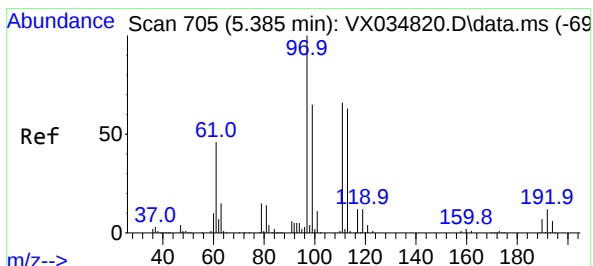
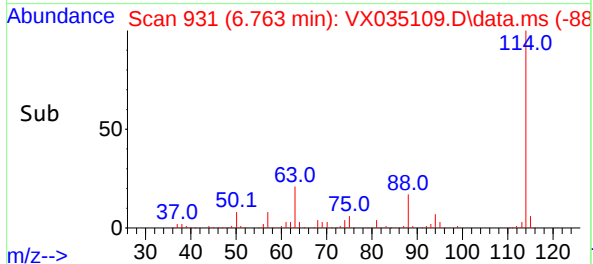
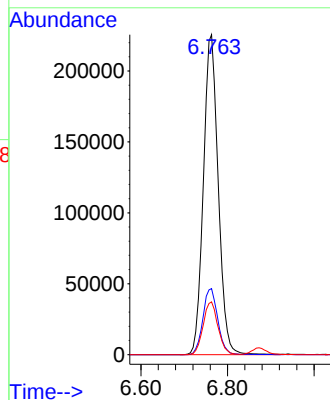
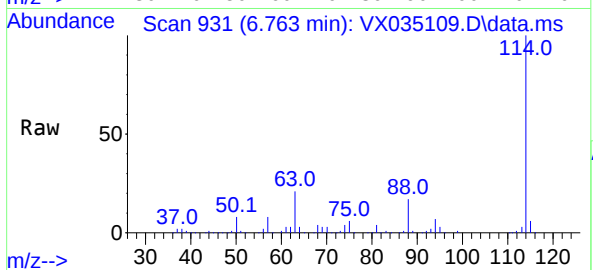




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

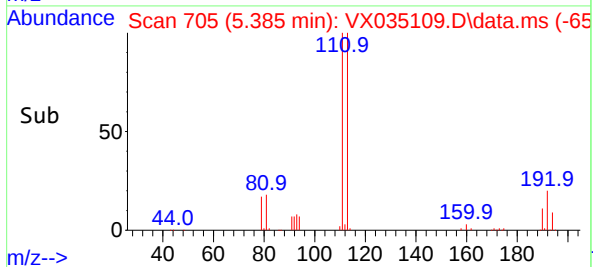
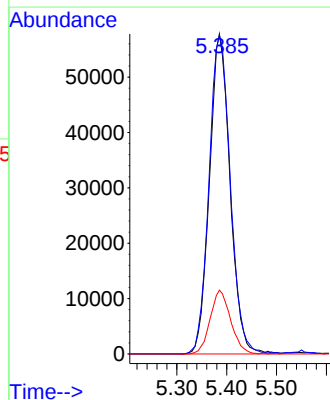
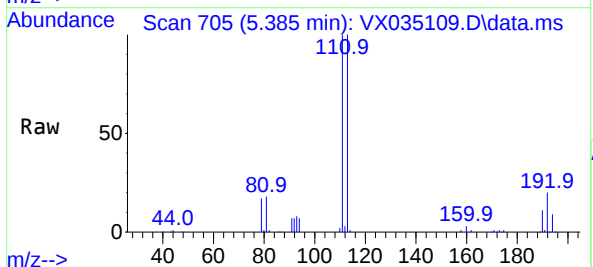
Instrument :
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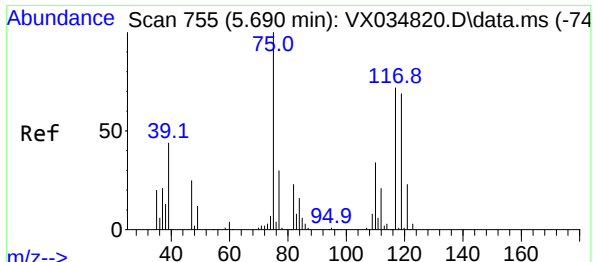
Tgt Ion:114 Resp: 535835
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.2
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.709 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

Tgt Ion:113 Resp: 165543
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 19.8 15.4 23.2

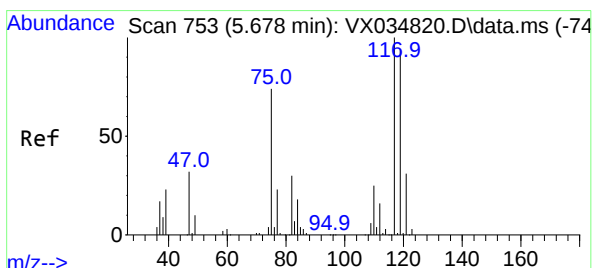
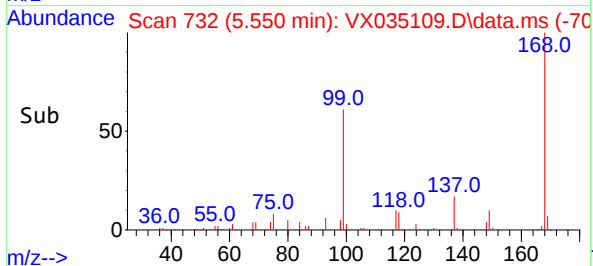
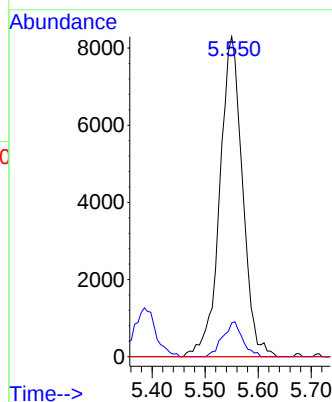
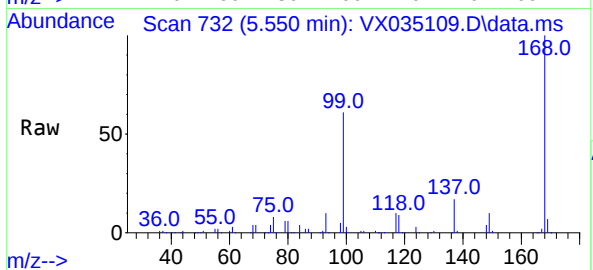




#36
1,1-Dichloropropene
Concen: 4.709 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

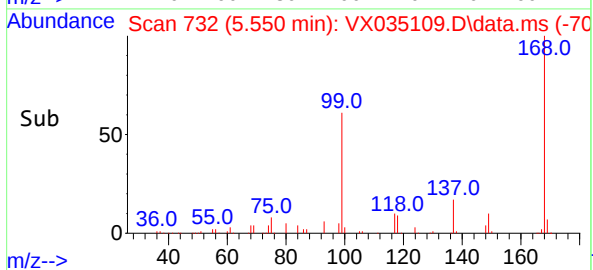
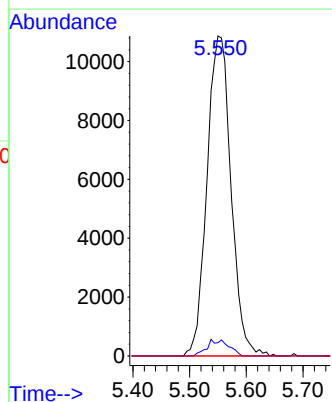
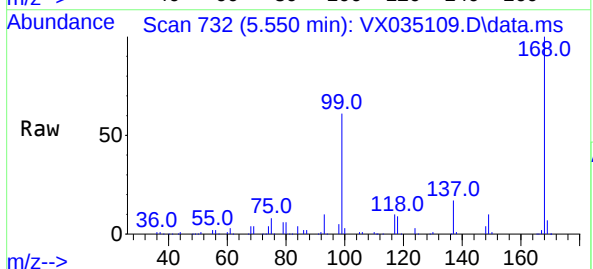
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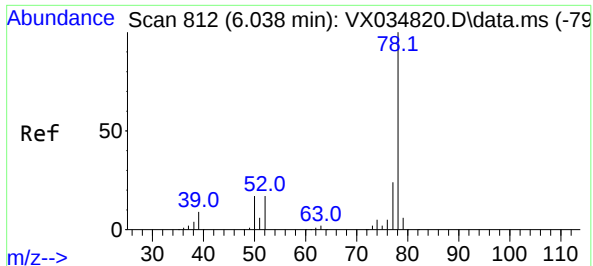
Tgt Ion: 75 Resp: 24726
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.472 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

Tgt Ion: 117 Resp: 32040
Ion Ratio Lower Upper
117 100
119 4.1 76.6 114.8#
121 0.0 23.8 35.6#

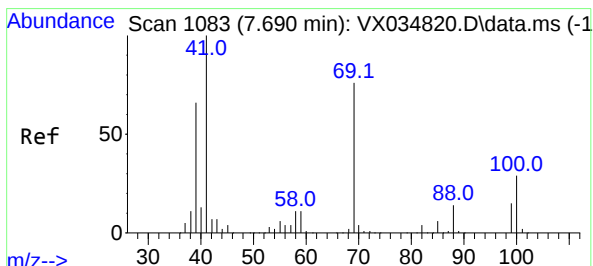
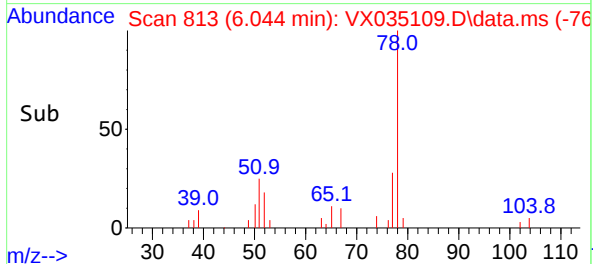
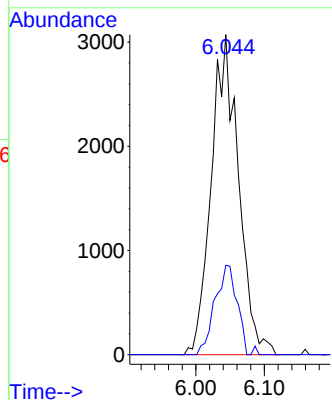
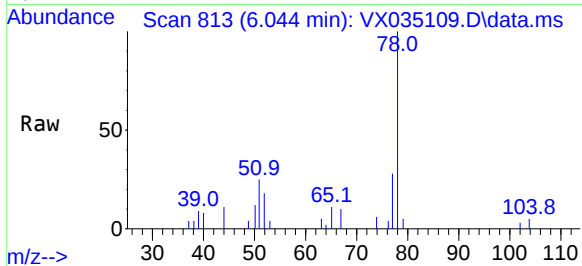




#40
Benzene
Concen: 0.562 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

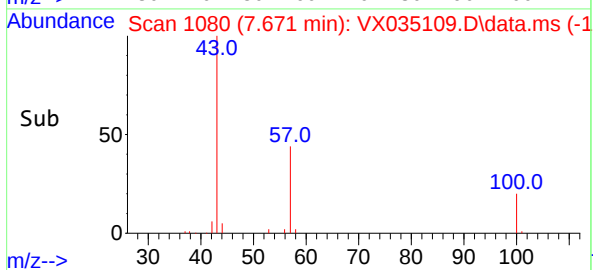
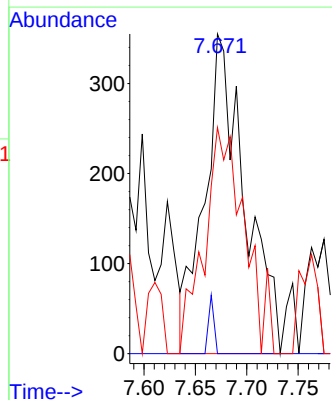
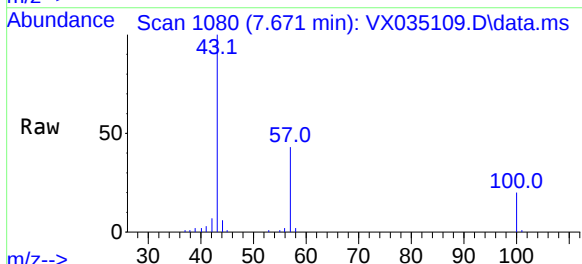
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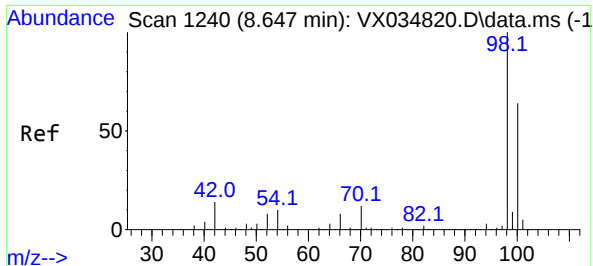
Tgt Ion: 78 Resp: 8466
Ion Ratio Lower Upper
78 100
77 27.9 19.0 28.4



#48
Methyl methacrylate
Concen: 0.214 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.018 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

Tgt Ion: 41 Resp: 966
Ion Ratio Lower Upper
41 100
69 2.5 62.2 93.4#
39 70.8 47.7 71.5





#50

Toluene-d8

Concen: 48.438 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX035109.D

Acq: 17 Apr 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

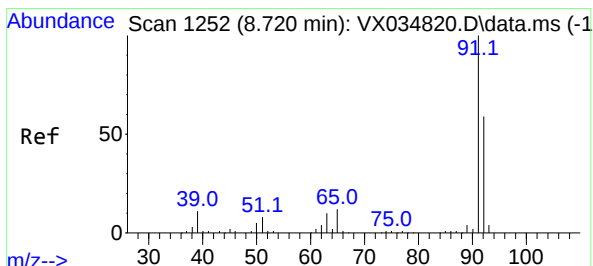
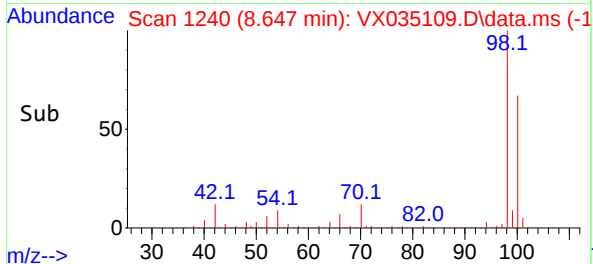
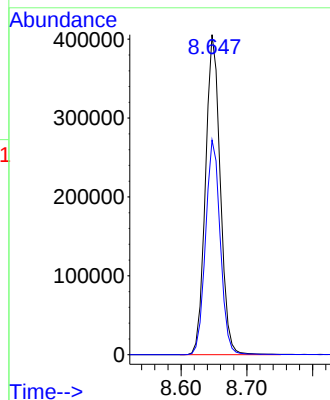
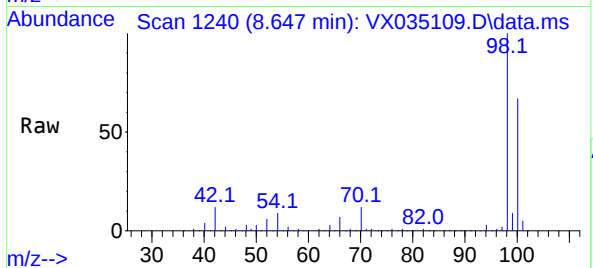
BUR-1261

Tgt Ion: 98 Resp: 633642

Ion Ratio Lower Upper

98 100

100 66.8 52.5 78.7



#52

Toluene

Concen: 0.678 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035109.D

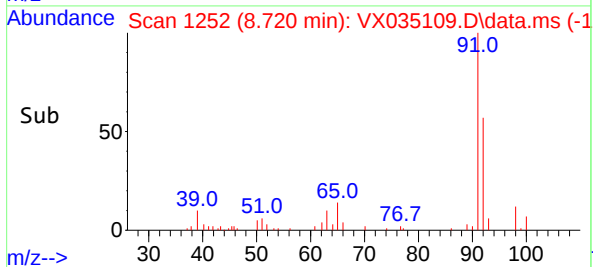
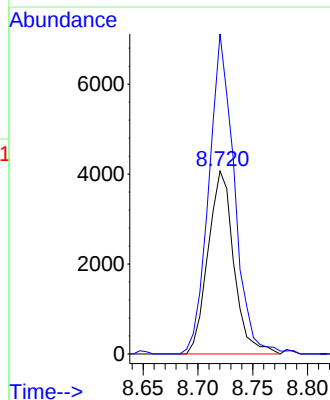
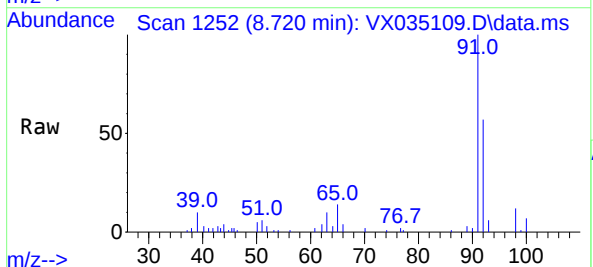
Acq: 17 Apr 2023 15:16

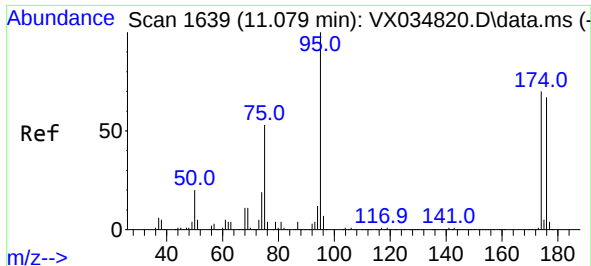
Tgt Ion: 92 Resp: 6662

Ion Ratio Lower Upper

92 100

91 172.8 136.8 205.2

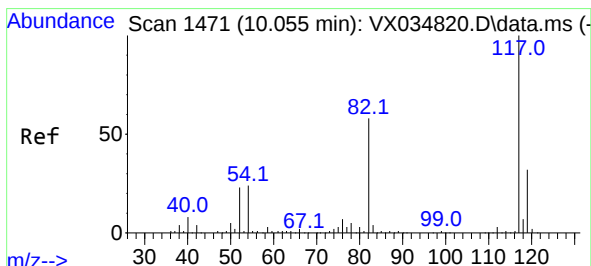
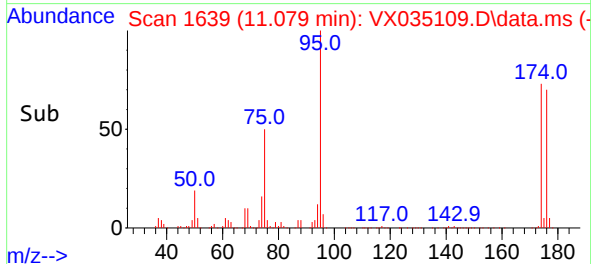
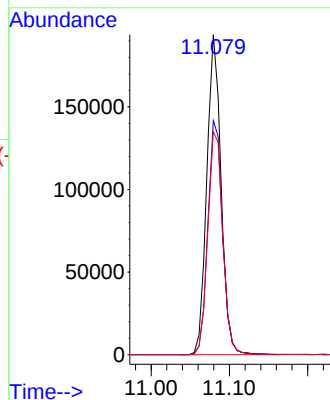
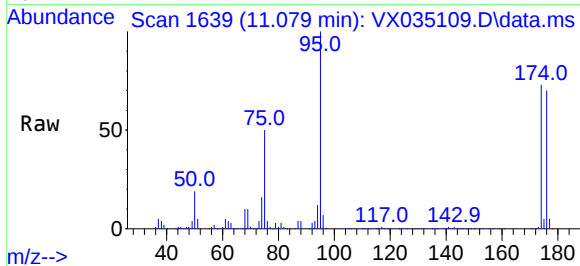




#62
4-Bromofluorobenzene
Concen: 48.274 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

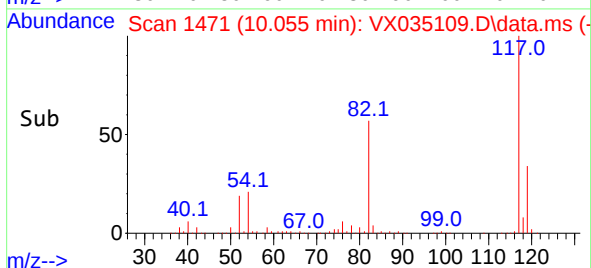
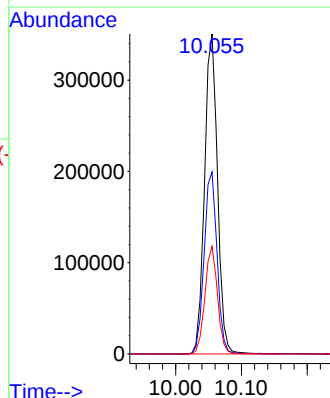
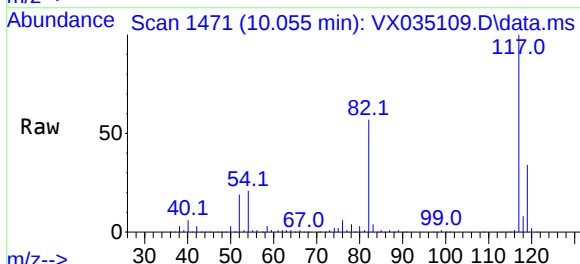
Instrument :
MSVOA_X
ClientSampleId :
BUR-1261

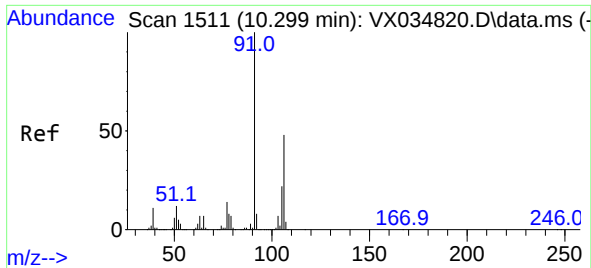
Tgt Ion: 95 Resp: 244376
Ion Ratio Lower Upper
95 100
174 75.3 0.0 147.4
176 73.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

Tgt Ion: 117 Resp: 479960
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.4
119 33.6 26.0 39.0

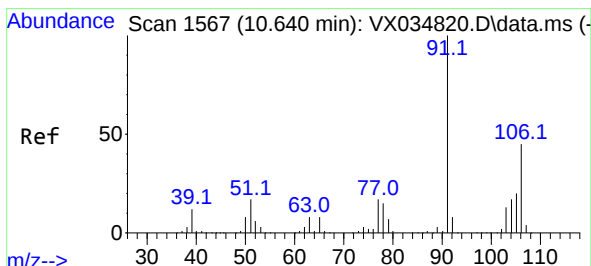
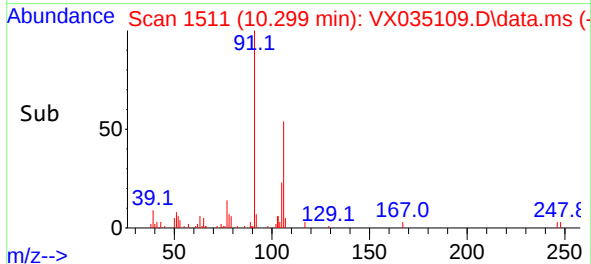
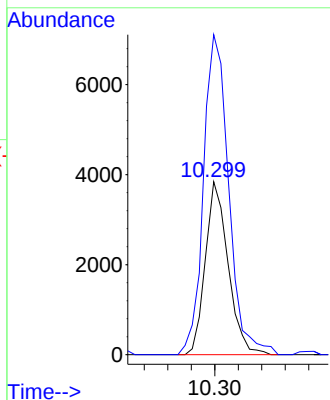
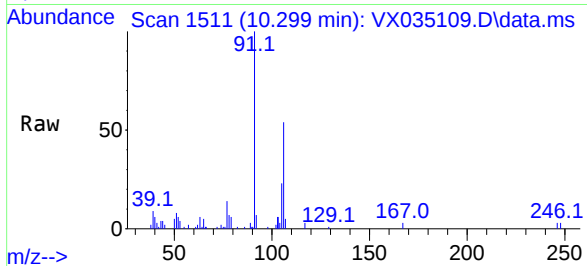




#68
m/p-Xylenes
Concen: 0.749 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

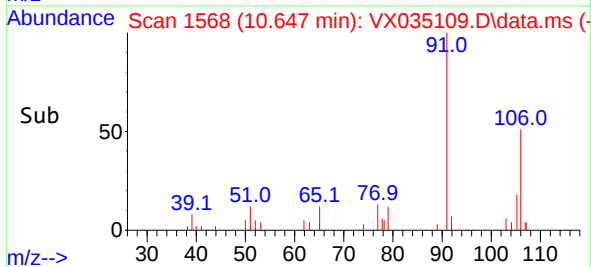
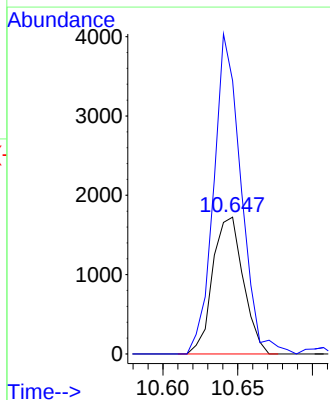
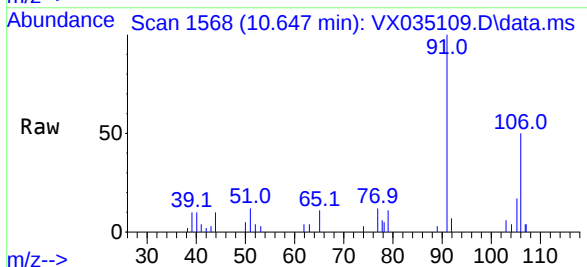
Instrument :
MSVOA_X
ClientSampleId :
BUR-1261

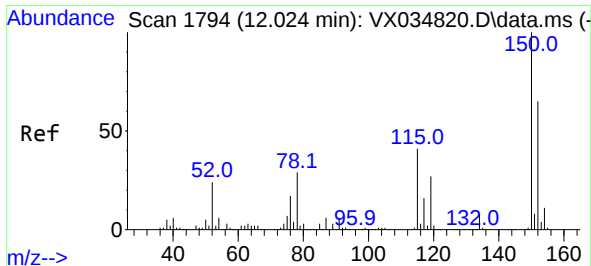
Tgt Ion:106 Resp: 5173
Ion Ratio Lower Upper
106 100
91 205.2 164.0 246.0



#69
o-Xylene
Concen: 0.362 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

Tgt Ion:106 Resp: 2453
Ion Ratio Lower Upper
106 100
91 209.1 108.5 325.3

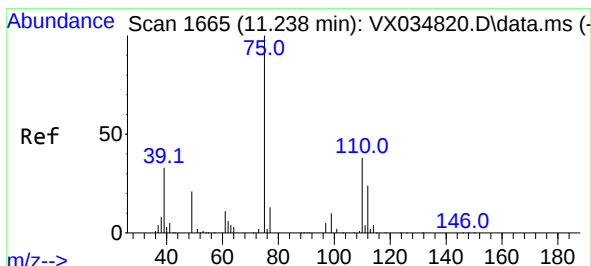
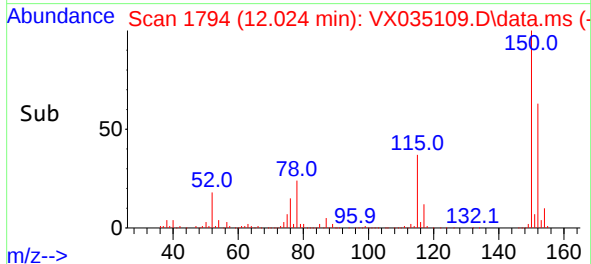
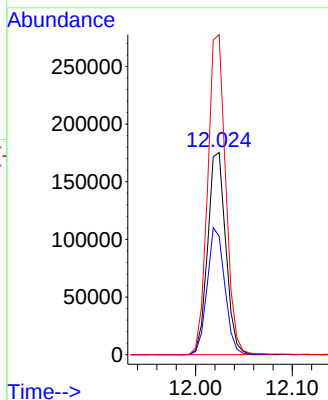
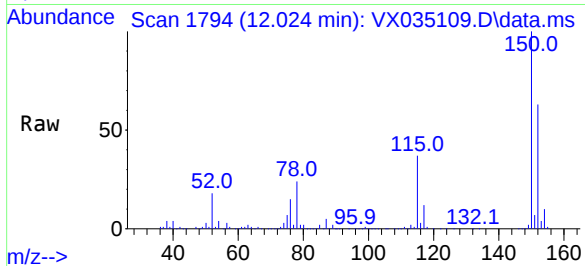




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

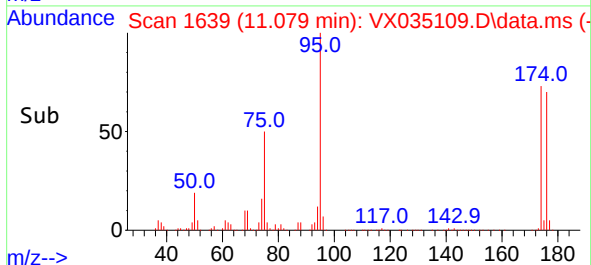
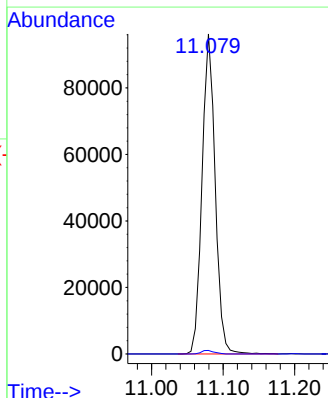
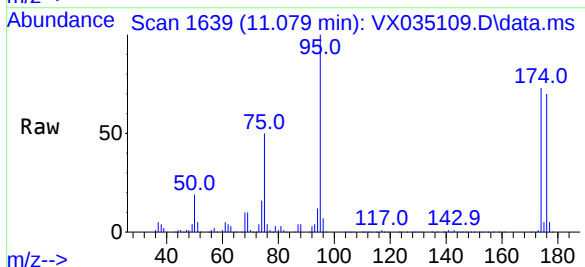
Instrument :
MSVOA_X
ClientSampleId :
BUR-1261

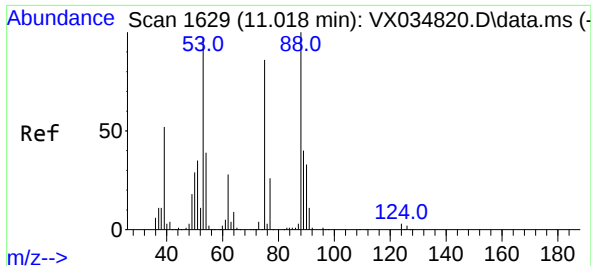
Tgt Ion:152 Resp: 228585
Ion Ratio Lower Upper
152 100
115 61.3 45.0 135.0
150 157.7 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 26.653 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

Tgt Ion: 75 Resp: 122757
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#

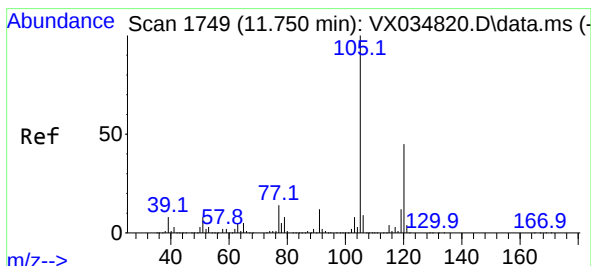
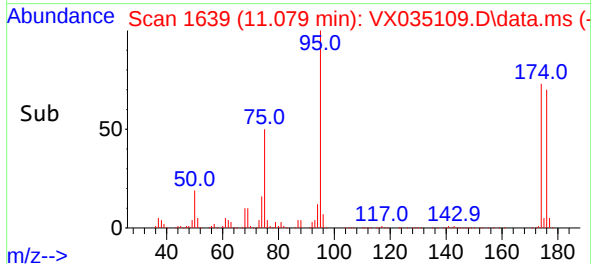
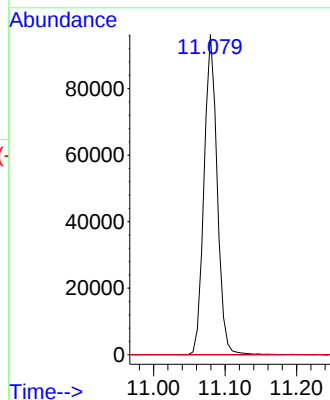
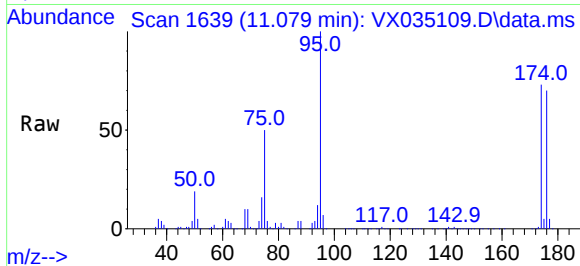




#81
trans-1,4-Dichloro-2-butene
Concen: 79.876 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

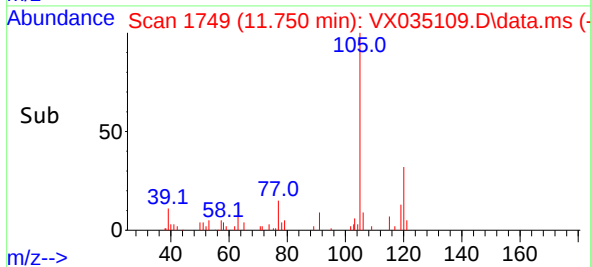
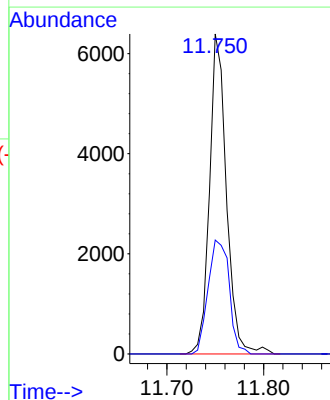
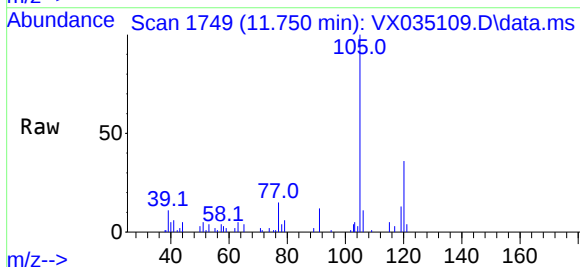
Instrument :
MSVOA_X
ClientSampleId :
BUR-1261

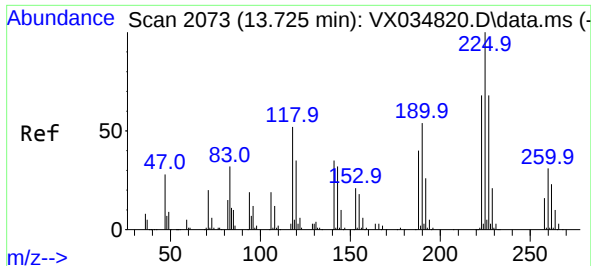
Tgt Ion: 75 Resp: 122757
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.548 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

Tgt Ion:105 Resp: 7800
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.0

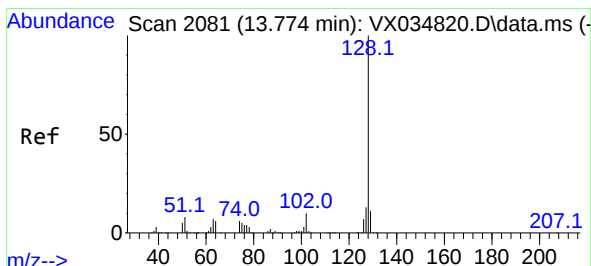
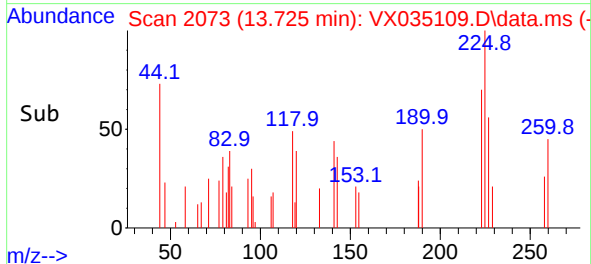
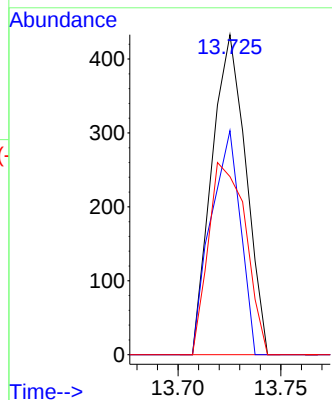
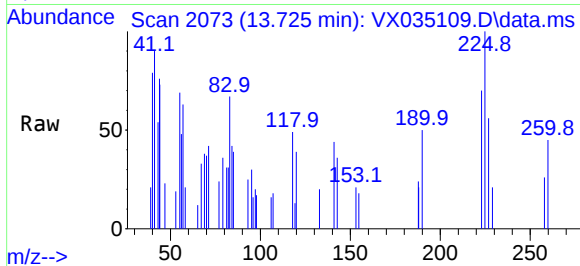




#94
Hexachlorobutadiene
Concen: 0.265 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

Instrument :
MSVOA_X
ClientSampleId :
BUR-1261

Tgt Ion:	225	Resp:	498
Ion	Ratio	Lower	Upper
225	100		
223	61.0	32.1	96.5
227	65.9	31.8	95.4



#95
Naphthalene
Concen: 0.836 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035109.D
Acq: 17 Apr 2023 15:16

Tgt Ion:	128	Resp:	12720
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.2	15.4
129	12.5	8.6	13.0

