

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060223\
 Data File : VX035971.D
 Acq On : 02 Jun 2023 10:04
 Operator : JC/MD
 Sample : VX0602MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602MBL01

Quant Time: Jun 02 15:50:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

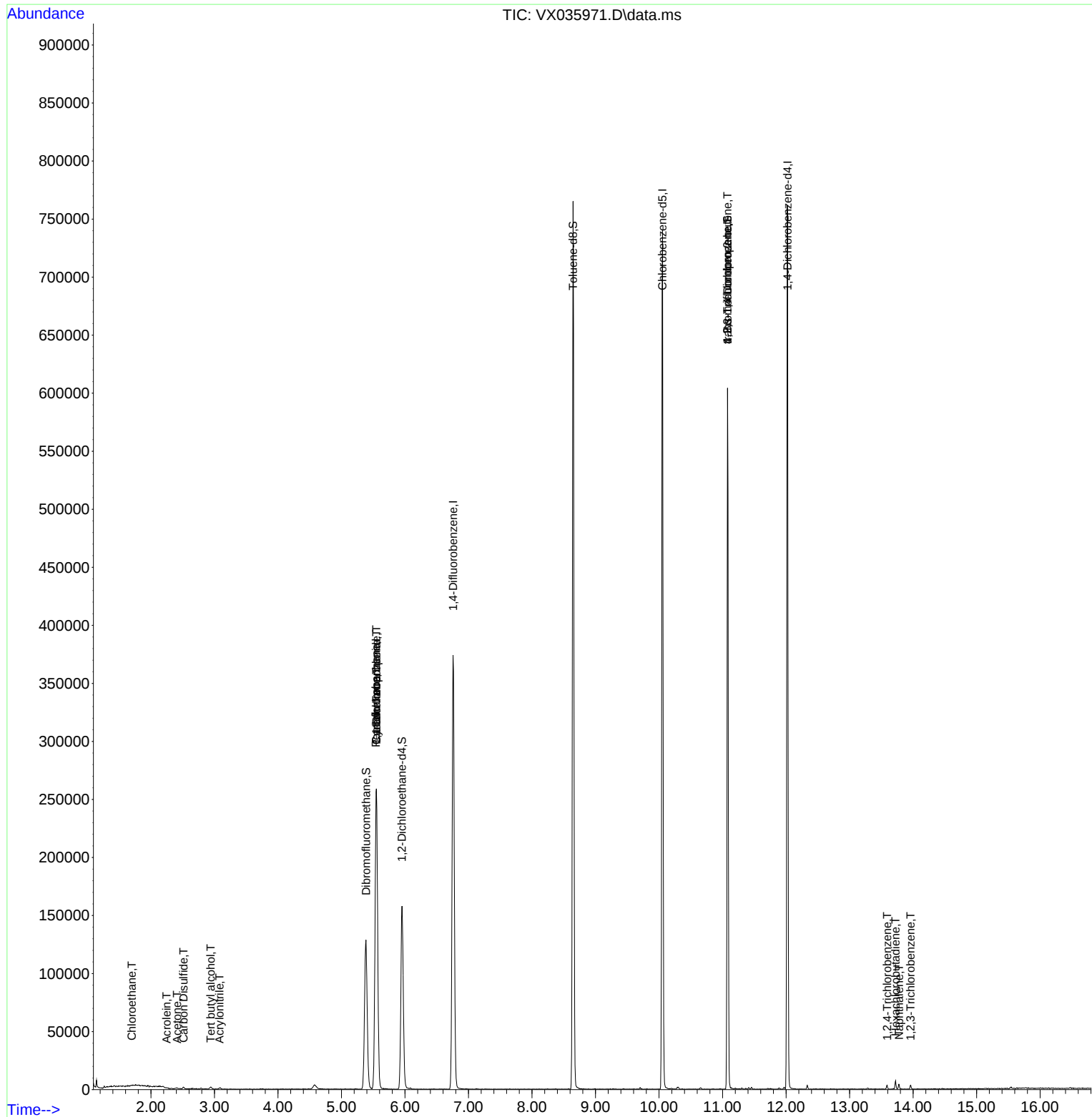
Internal Standards						
1) Pentafluorobenzene	5.544	168	229814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	370674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	155356	41.630	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.260%		
35) Dibromofluoromethane	5.385	113	113690	45.601	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.200%		
50) Toluene-d8	8.647	98	430472	48.110	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.220%		
62) 4-Bromofluorobenzene	11.079	95	165238	46.781	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.560%		
Target Compounds					Qvalue	
6) Chloroethane	1.697	64	386	0.243	ug/l #	85
11) Tert butyl alcohol	2.940	59	1247	1.882	ug/l #	78
13) Acrolein	2.245	56	194	0.304	ug/l #	62
15) Acrylonitrile	3.081	53	456	0.293	ug/l #	76
16) Acetone	2.410	43	1300	0.844	ug/l	91
17) Carbon Disulfide	2.514	76	1853	0.321	ug/l #	85
31) Cyclohexane	5.550	56	5704	1.460	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20333	6.117	ug/l #	52
38) Carbon Tetrachloride	5.550	117	25592	7.900	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	87242	25.571	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	87242	86.132	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.591	180	899	0.312	ug/l	90
94) Hexachlorobutadiene	13.725	225	952	0.868	ug/l	93
95) Naphthalene	13.780	128	2823	0.281	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	1019	0.358	ug/l	90

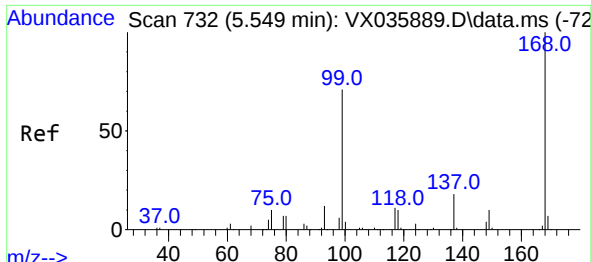
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
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VX0602MBL01

Quant Time: Jun 02 15:50:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

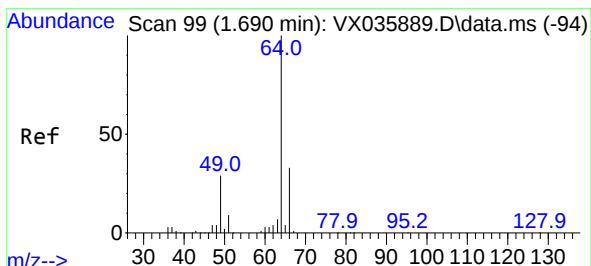
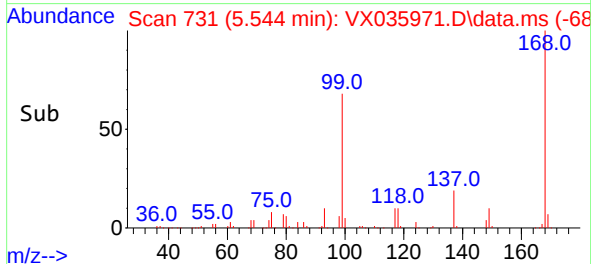
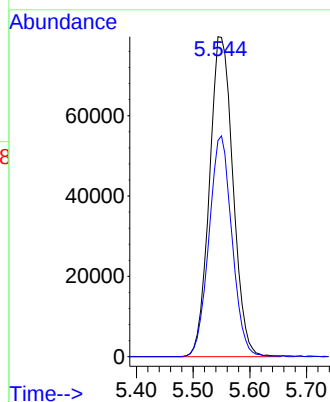
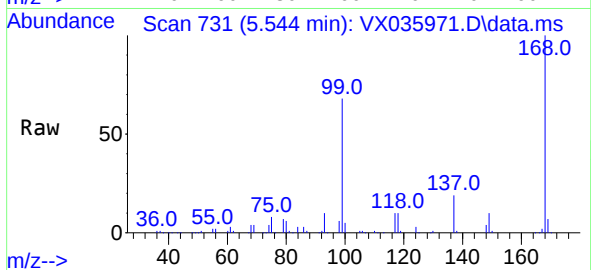




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX035971.D
Acq: 02 Jun 2023 10:04

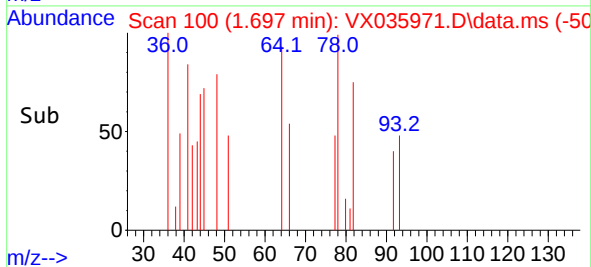
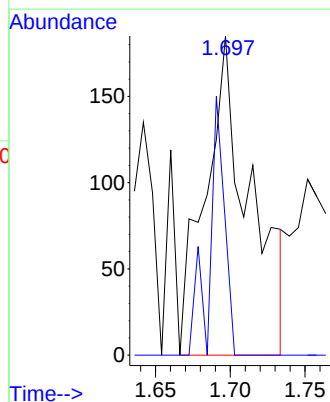
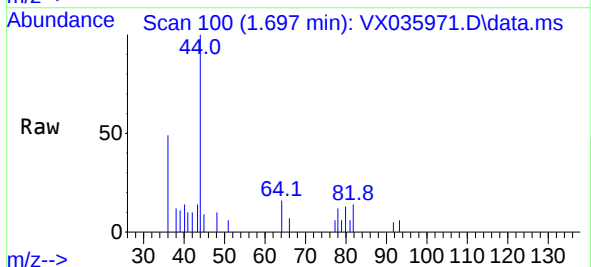
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBL01

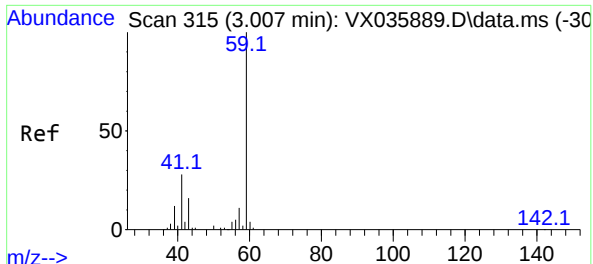
Tgt Ion:168 Resp: 229814
Ion Ratio Lower Upper
168 100
99 67.6 57.0 85.6



#6
Chloroethane
Concen: 0.243 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.007 min
Lab File: VX035971.D
Acq: 02 Jun 2023 10:04

Tgt Ion: 64 Resp: 386
Ion Ratio Lower Upper
64 100
66 41.1 26.0 39.0





#11

Tert butyl alcohol

Concen: 1.882 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.067 min

Lab File: VX035971.D

Acq: 02 Jun 2023 10:04

Instrument :

MSVOA_X

ClientSampleId :

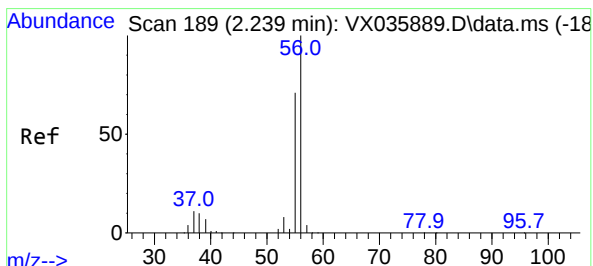
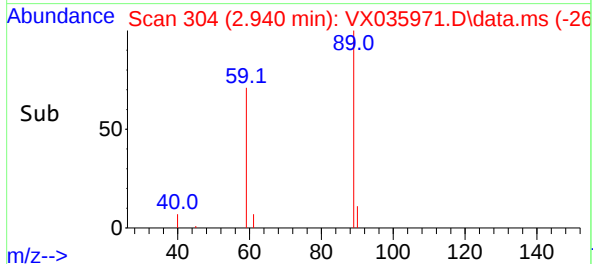
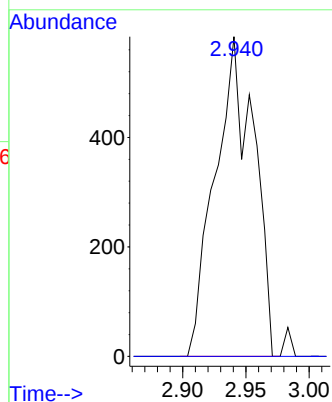
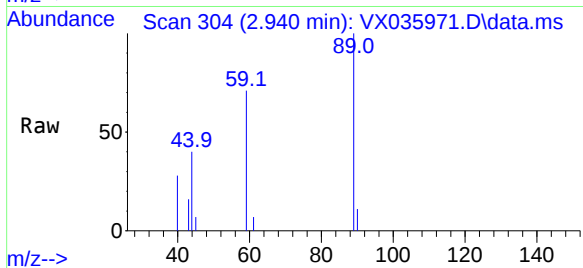
VX0602MBL01

Tgt Ion: 59 Resp: 1247

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.304 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX035971.D

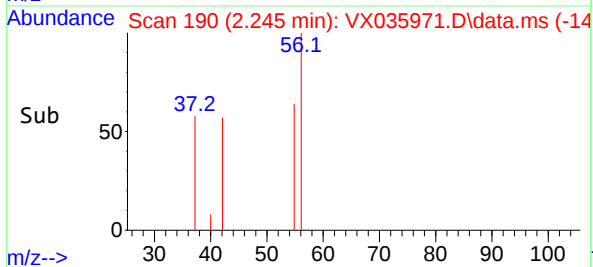
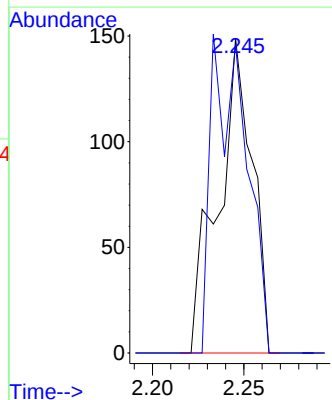
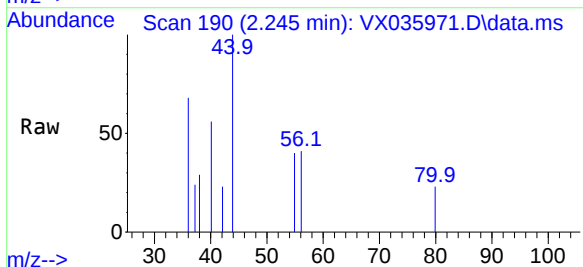
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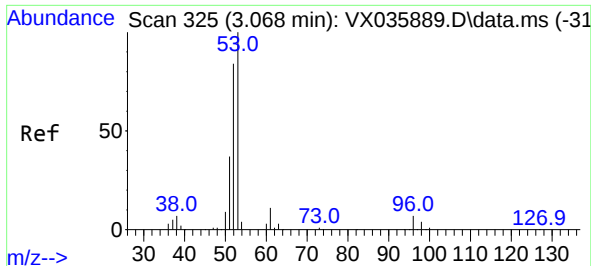
Tgt Ion: 56 Resp: 194

Ion Ratio Lower Upper

56 100

55 103.1 57.3 85.9#

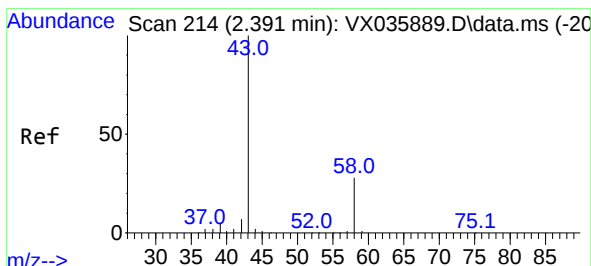
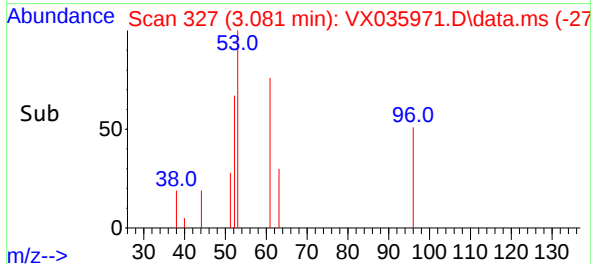
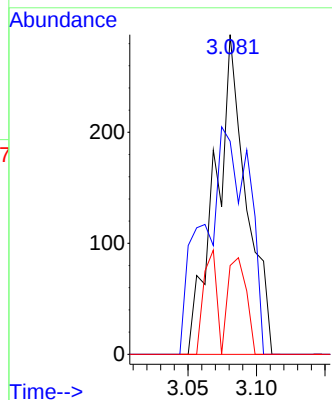
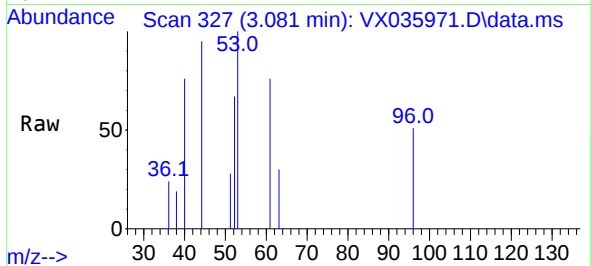




#15
Acrylonitrile
Concen: 0.293 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX035971.D
Acq: 02 Jun 2023 10:04

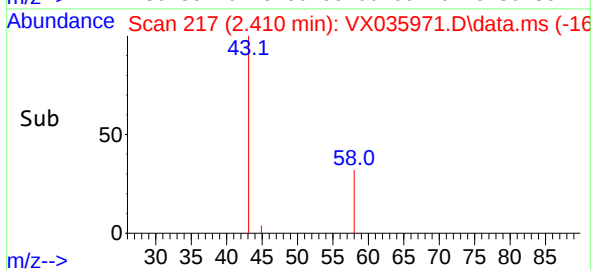
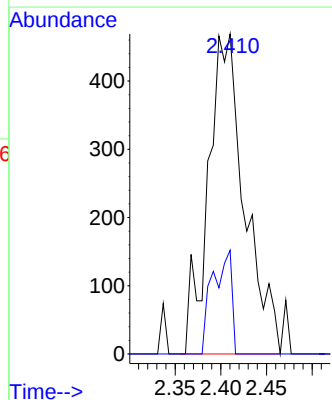
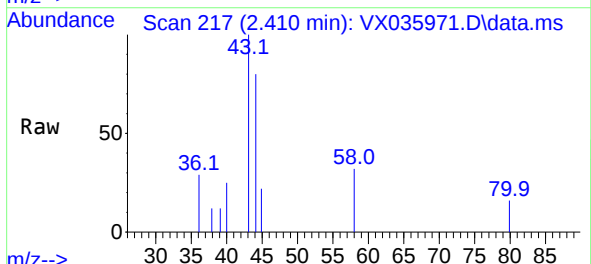
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBL01

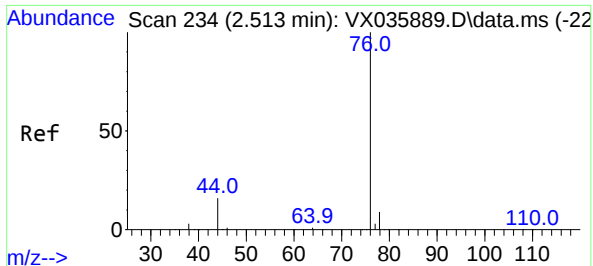
Tgt Ion: 53 Resp: 456
Ion Ratio Lower Upper
53 100
52 101.8 67.0 100.4#
51 18.0 29.8 44.8#



#16
Acetone
Concen: 0.844 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.019 min
Lab File: VX035971.D
Acq: 02 Jun 2023 10:04

Tgt Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
58 32.4 22.2 33.2

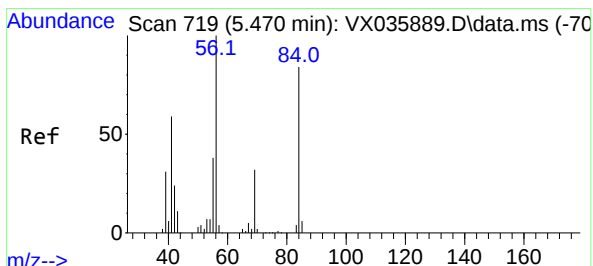
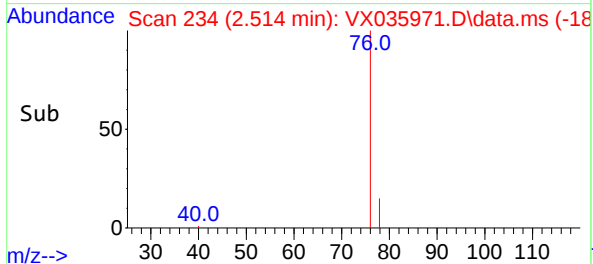
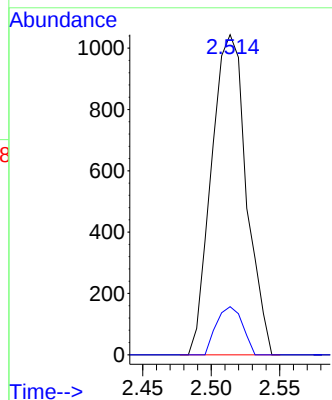
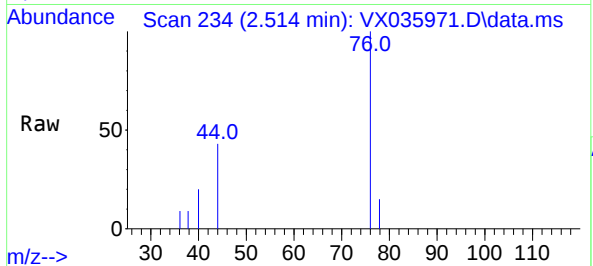




#17
Carbon Disulfide
Concen: 0.321 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035971.D
Acq: 02 Jun 2023 10:04

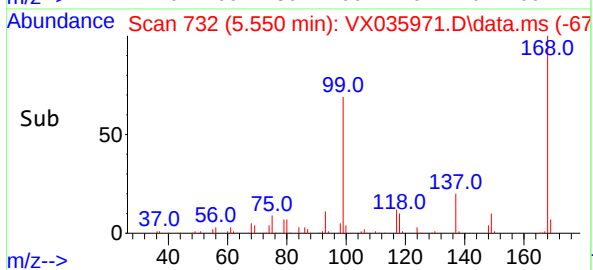
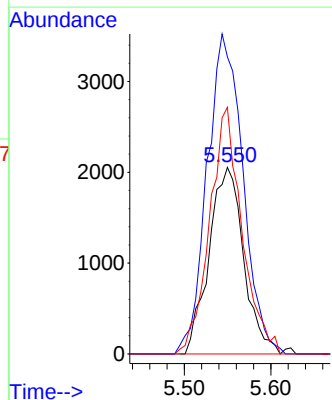
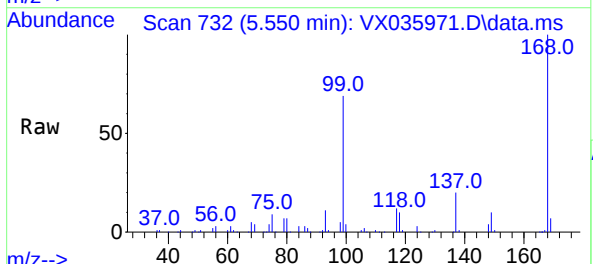
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBL01

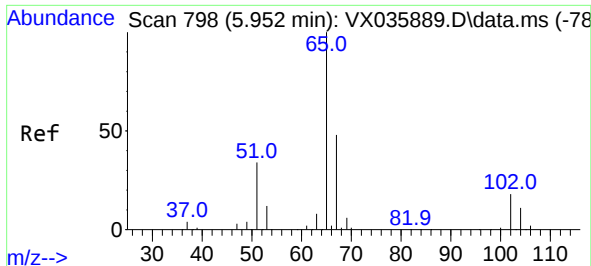
Tgt Ion: 76 Resp: 1853
Ion Ratio Lower Upper
76 100
78 15.0 7.6 11.4#



#31
Cyclohexane
Concen: 1.460 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX035971.D
Acq: 02 Jun 2023 10:04

Tgt Ion: 56 Resp: 5704
Ion Ratio Lower Upper
56 100
69 156.3 25.9 38.9#
84 132.3 67.6 101.4#

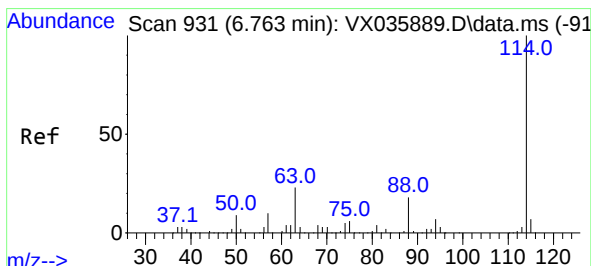
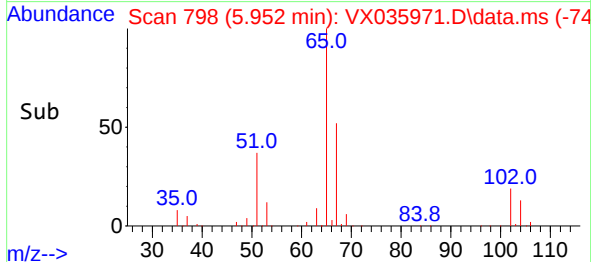
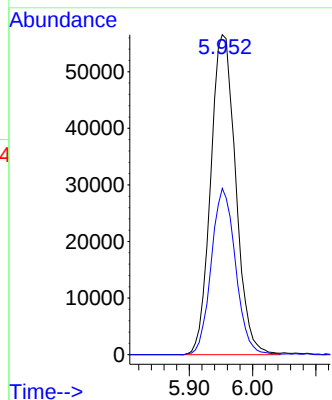
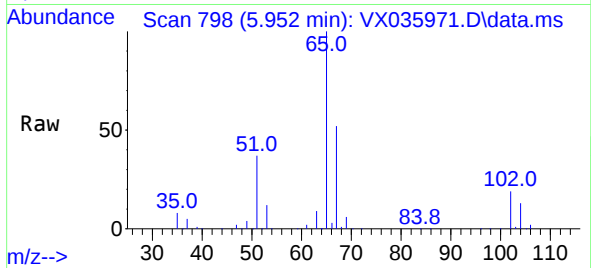




#33
 1,2-Dichloroethane-d4
 Concen: 41.630 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035971.D
 Acq: 02 Jun 2023 10:04

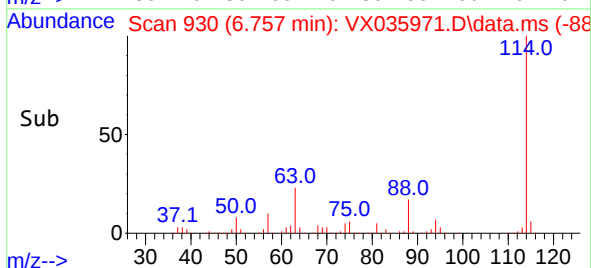
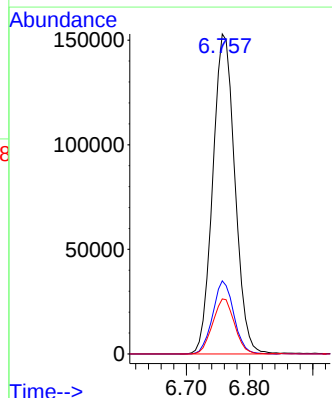
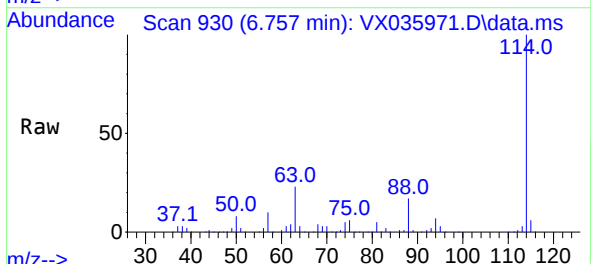
Instrument :
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 VX0602MBL01

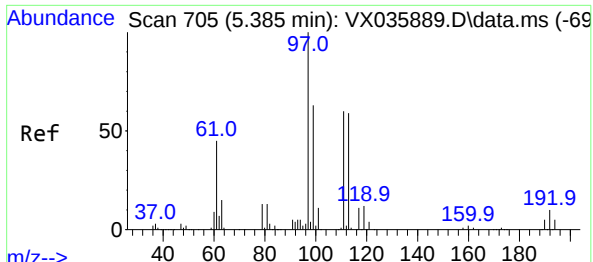
Tgt Ion: 65 Resp: 155356
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX035971.D
 Acq: 02 Jun 2023 10:04

Tgt Ion: 114 Resp: 370674
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.0
 88 17.2 0.0 35.2

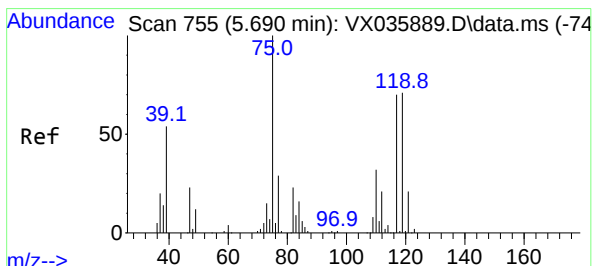
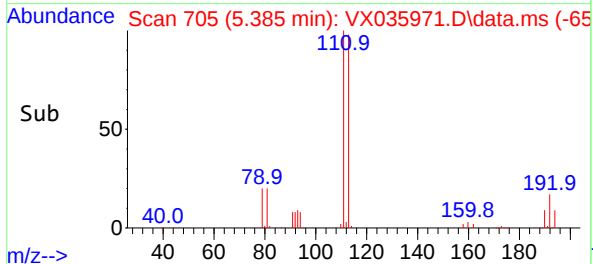
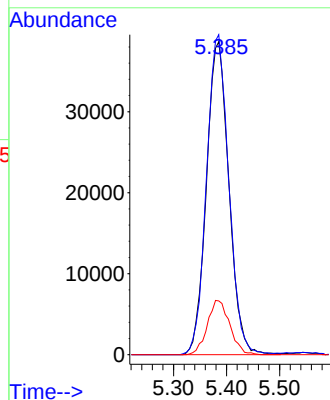
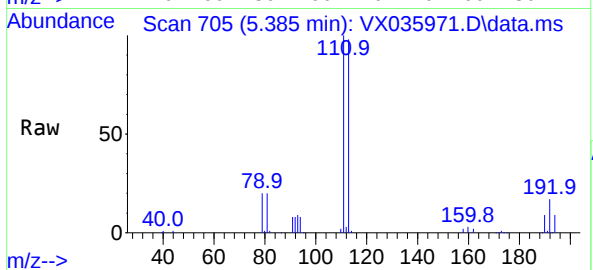




#35
Dibromofluoromethane
Concen: 45.601 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035971.D
Acq: 02 Jun 2023 10:04

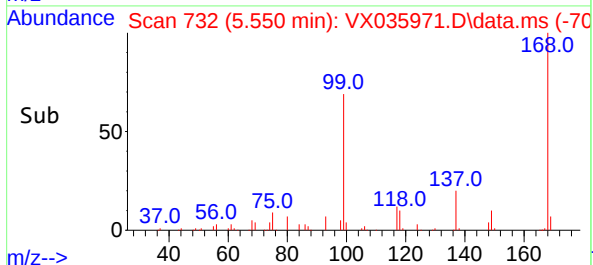
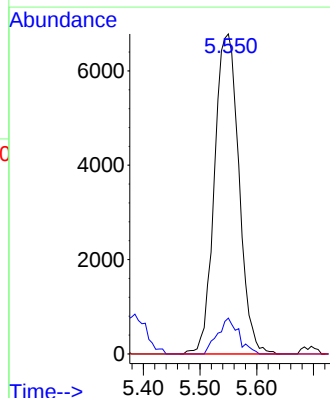
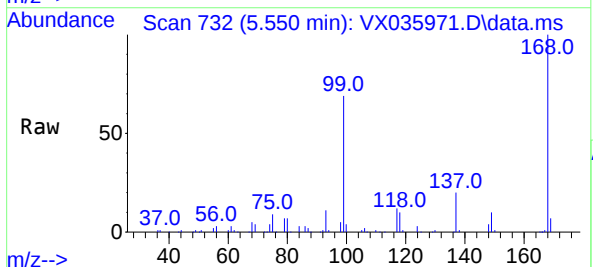
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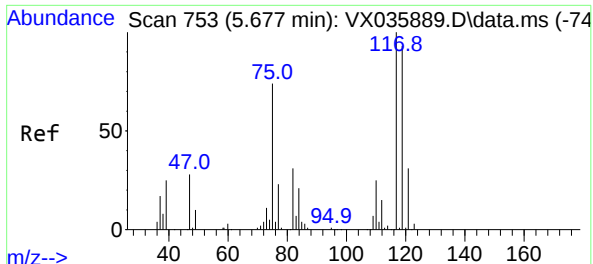
Tgt Ion:113 Resp: 113690
Ion Ratio Lower Upper
113 100
111 101.4 81.7 122.5
192 17.3 13.5 20.3



#36
1,1-Dichloropropene
Concen: 6.117 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035971.D
Acq: 02 Jun 2023 10:04

Tgt Ion: 75 Resp: 20333
Ion Ratio Lower Upper
75 100
110 9.7 16.6 49.7#
77 0.0 24.4 36.6#

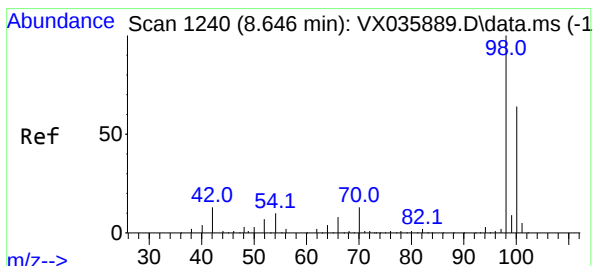
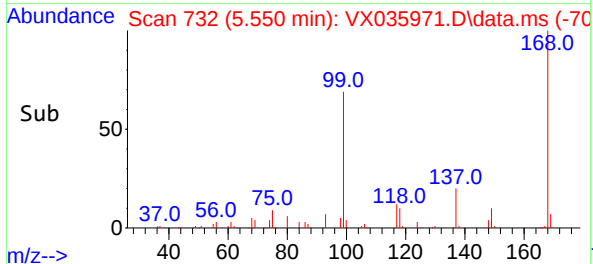
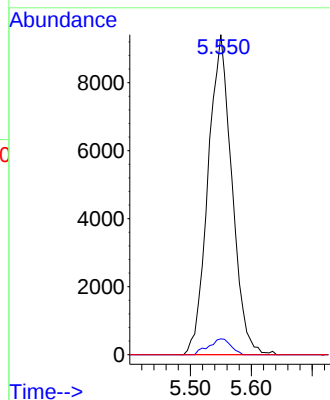
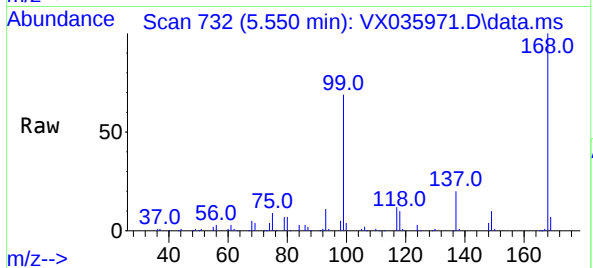




#38
Carbon Tetrachloride
Concen: 7.900 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035971.D
Acq: 02 Jun 2023 10:04

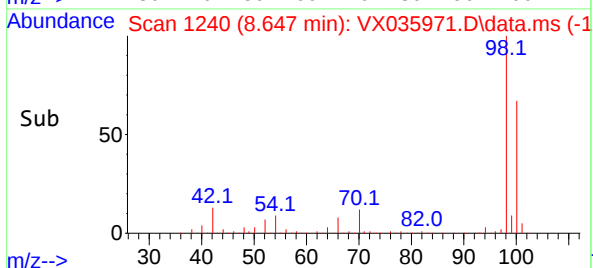
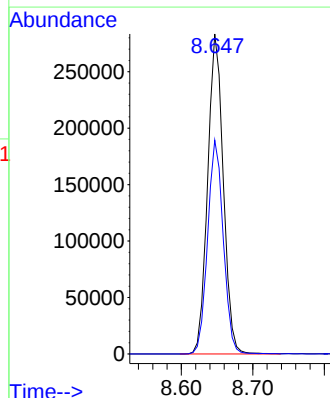
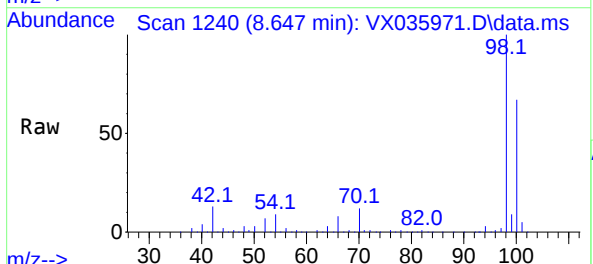
Instrument :
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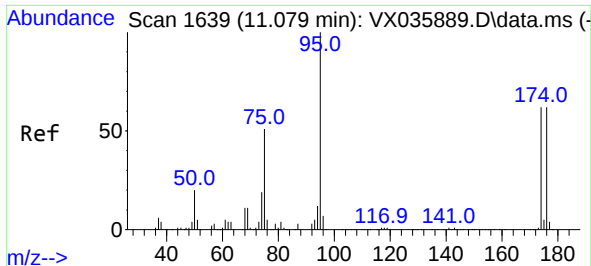
Tgt Ion:117 Resp: 25592
Ion Ratio Lower Upper
117 100
119 5.0 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 48.110 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035971.D
Acq: 02 Jun 2023 10:04

Tgt Ion: 98 Resp: 430472
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.0

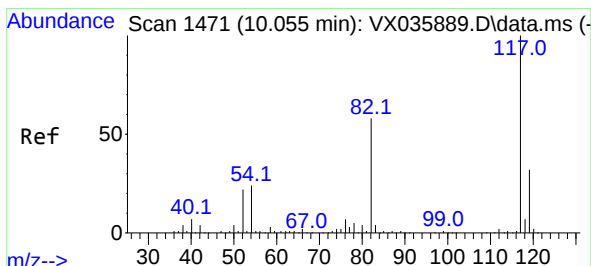
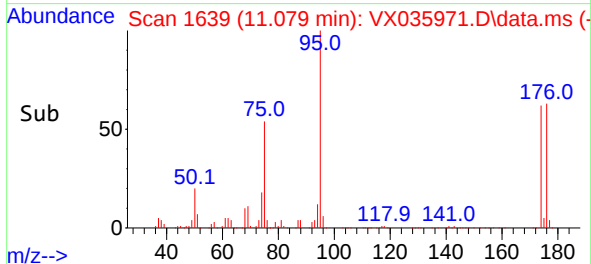
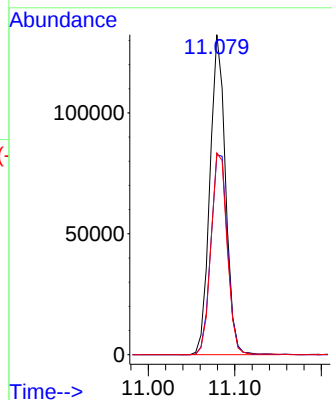
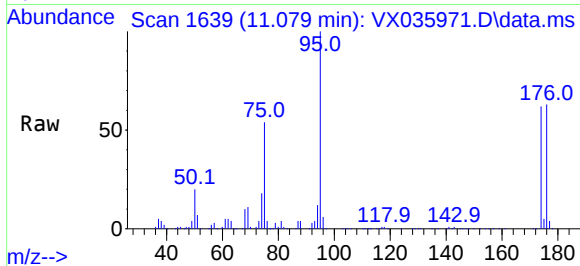




#62
4-Bromofluorobenzene
Concen: 46.781 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035971.D
Acq: 02 Jun 2023 10:04

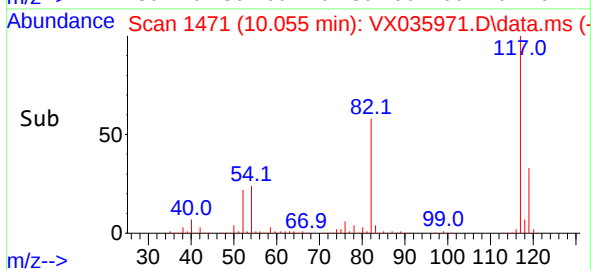
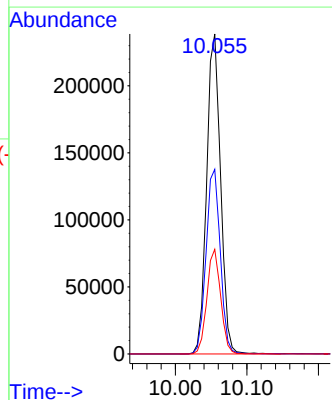
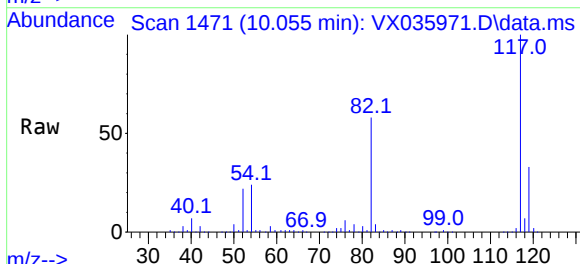
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBL01

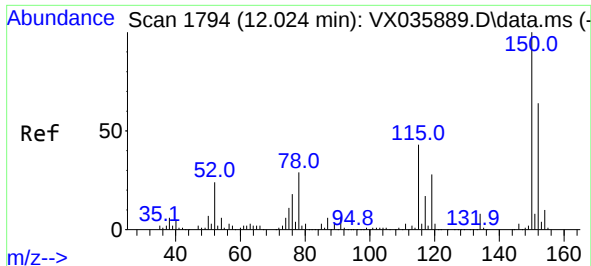
Tgt Ion: 95 Resp: 165238
Ion Ratio Lower Upper
95 100
174 67.0 0.0 132.6
176 65.4 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035971.D
Acq: 02 Jun 2023 10:04

Tgt Ion: 117 Resp: 323032
Ion Ratio Lower Upper
117 100
82 57.7 46.6 69.8
119 32.7 25.4 38.2

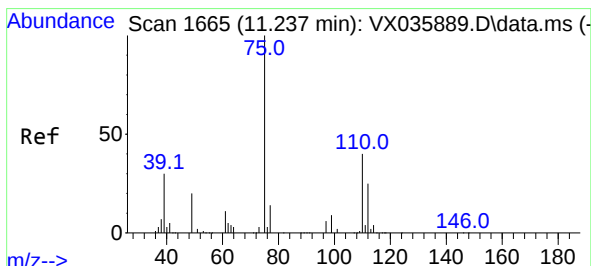
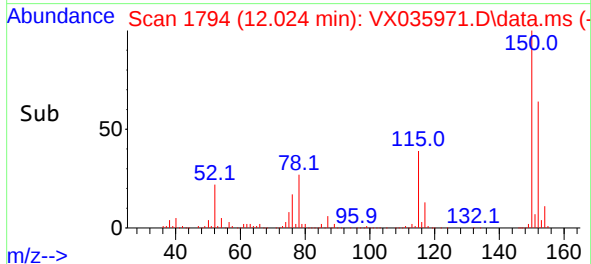
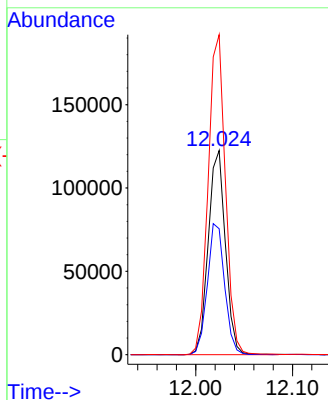
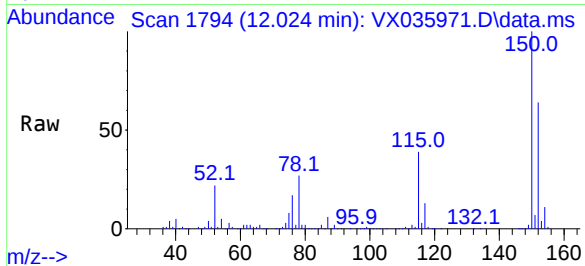




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035971.D
 Acq: 02 Jun 2023 10:04

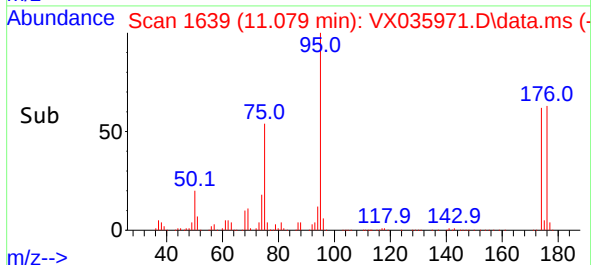
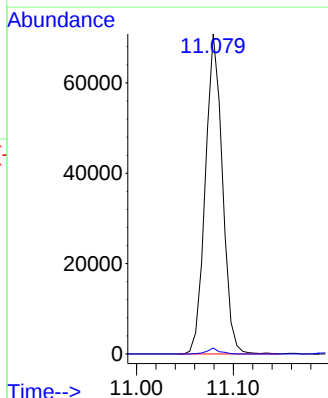
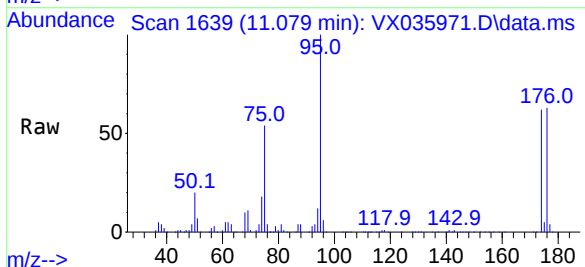
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602MBL01

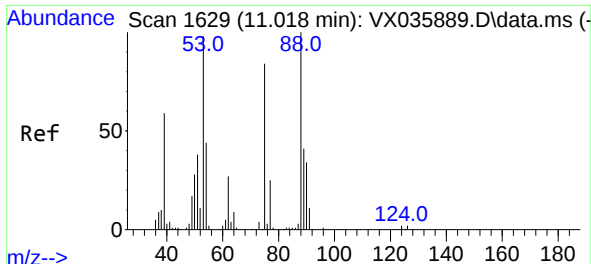
Tgt Ion:152 Resp: 151267
 Ion Ratio Lower Upper
 152 100
 115 64.7 45.5 136.5
 150 157.8 0.0 345.2



#76
 1,2,3-Trichloropropane
 Concen: 25.571 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035971.D
 Acq: 02 Jun 2023 10:04

Tgt Ion: 75 Resp: 87242
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.4 64.2#

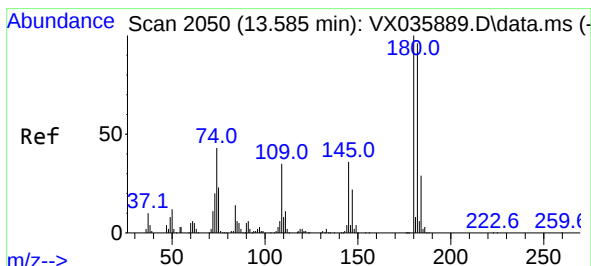
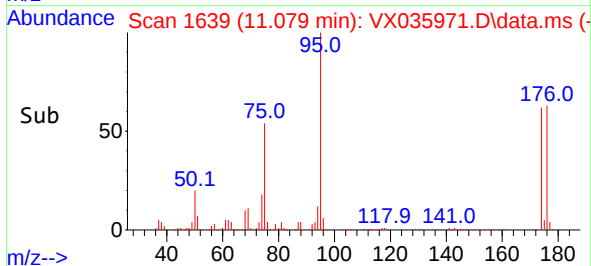
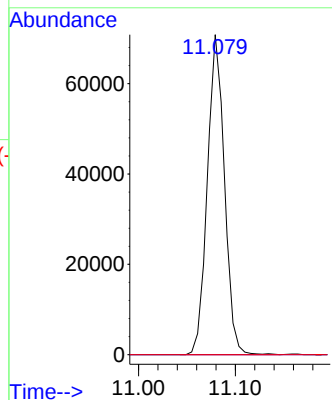
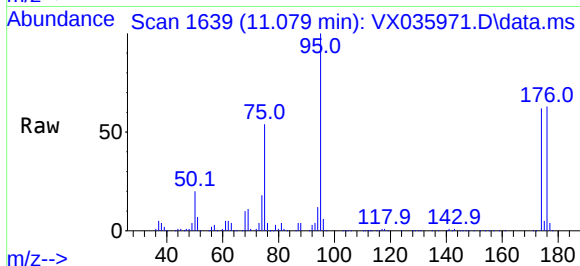




#81
trans-1,4-Dichloro-2-butene
Concen: 86.132 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035971.D
Acq: 02 Jun 2023 10:04

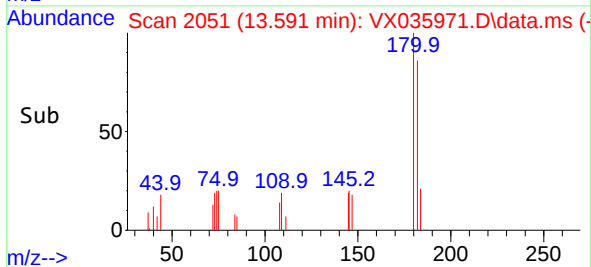
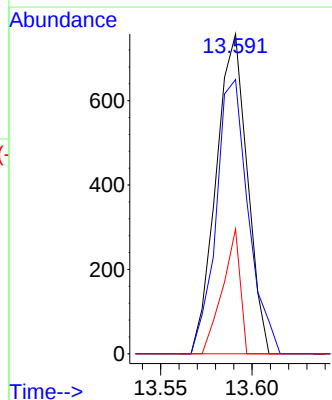
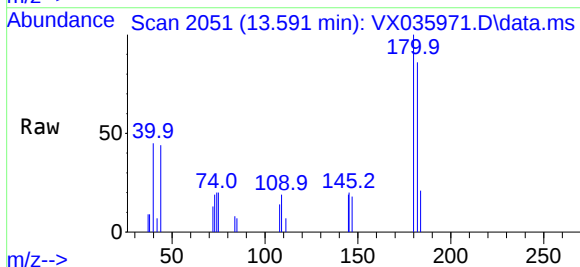
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBL01

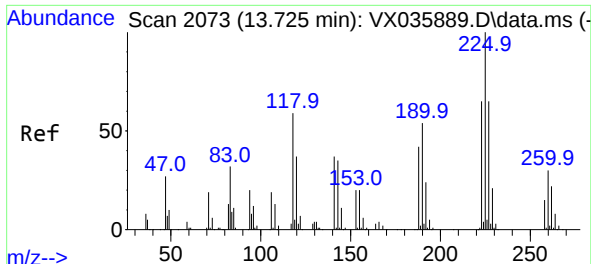
Tgt Ion: 75 Resp: 87242
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.312 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035971.D
Acq: 02 Jun 2023 10:04

Tgt Ion:180 Resp: 899
Ion Ratio Lower Upper
180 100
182 88.5 47.3 141.8
145 22.1 17.3 51.9

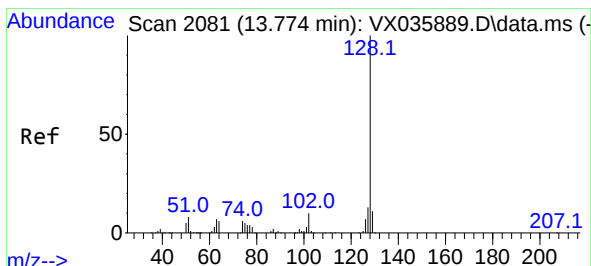
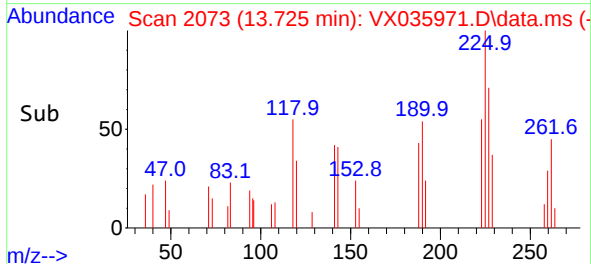
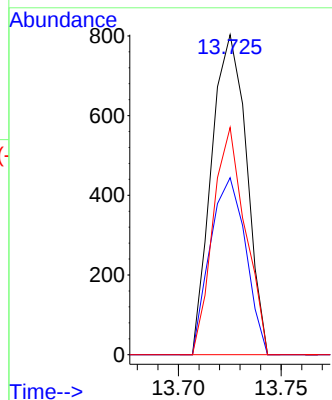
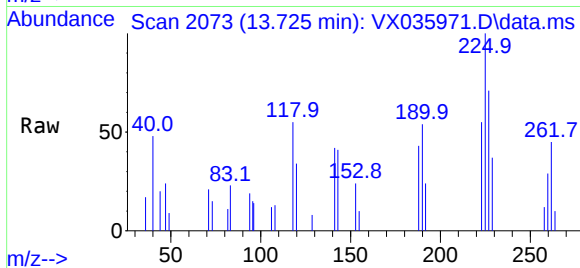




#94
Hexachlorobutadiene
Concen: 0.868 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035971.D
Acq: 02 Jun 2023 10:04

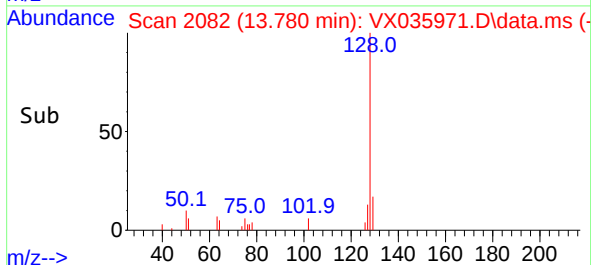
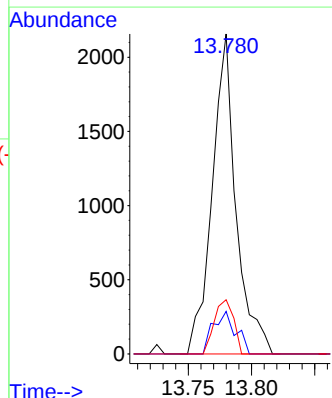
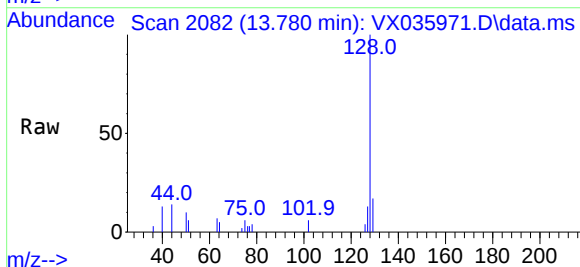
Instrument :
MSVOA_X
ClientSampleId :
VX0602MBL01

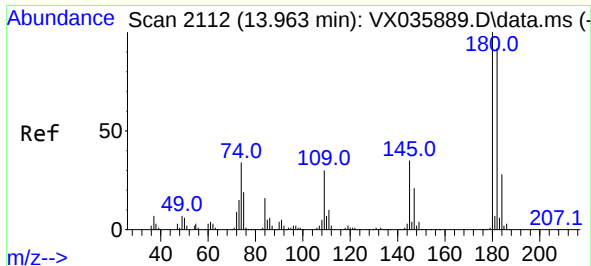
Tgt Ion:	225	Resp:	952
Ion	Ratio	Lower	Upper
225	100		
223	56.1	32.6	97.7
227	65.7	31.9	95.7



#95
Naphthalene
Concen: 0.281 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035971.D
Acq: 02 Jun 2023 10:04

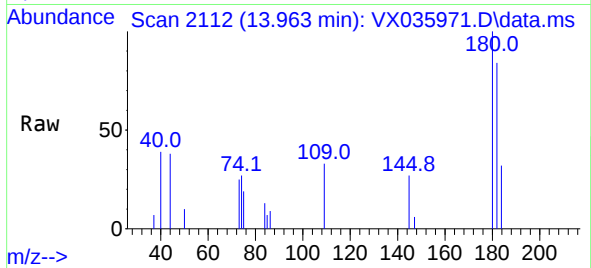
Tgt Ion:	128	Resp:	2823
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	13.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.358 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX035971.D
 Acq: 02 Jun 2023 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602MBL01



Tgt Ion:	180	Resp:	1019
Ion	Ratio	Lower	Upper
180	100		
182	81.2	46.9	140.7
145	36.8	18.1	54.3

