

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035826.D
 Acq On : 24 May 2023 11:08
 Operator : JC/MD
 Sample : VX0524MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBL01

Quant Time: May 25 05:27:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

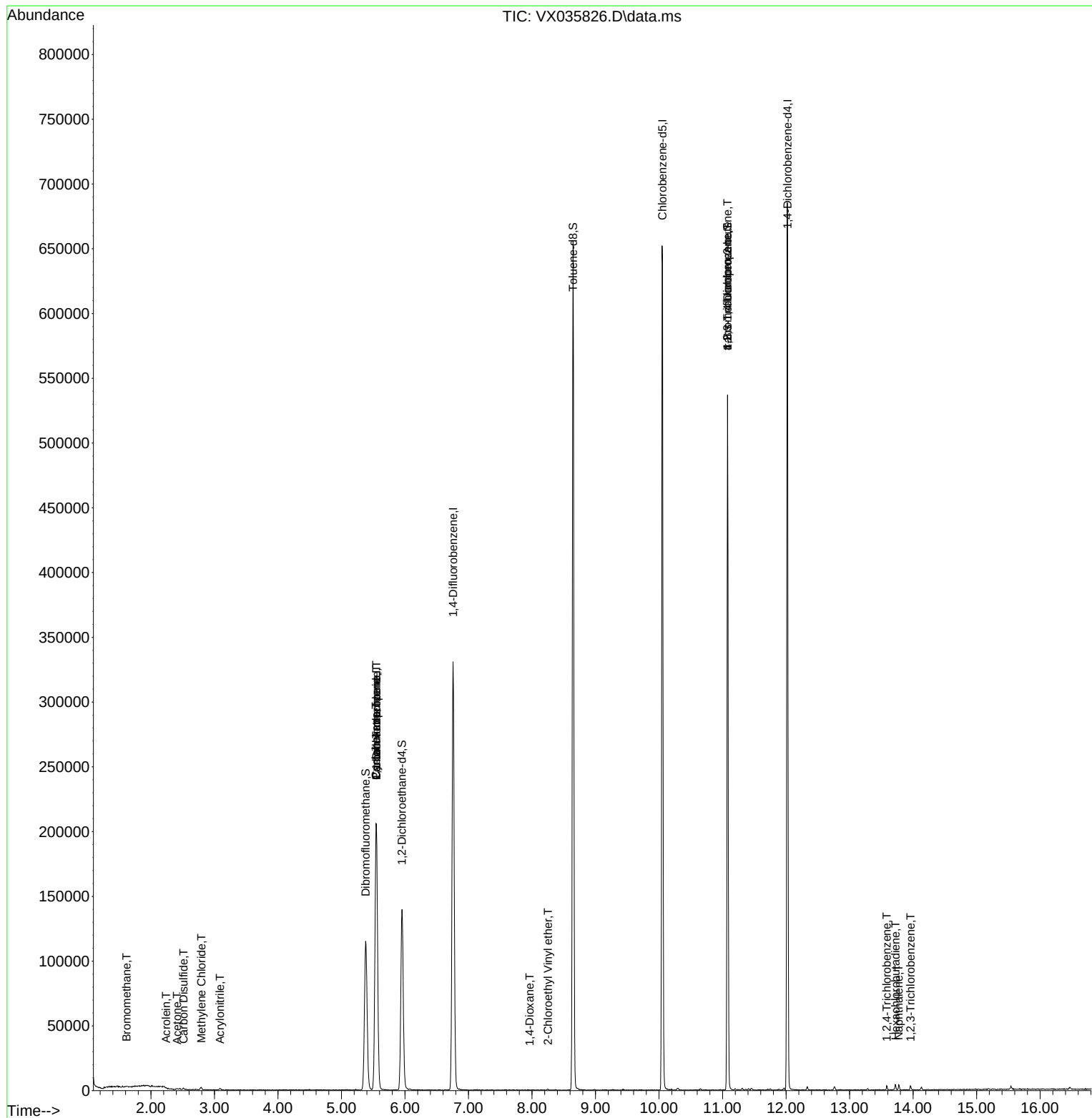
Internal Standards						
1) Pentafluorobenzene	5.550	168	191781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	327880	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	132088	39.480	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	78.960%
35) Dibromofluoromethane	5.379	113	101566	45.932	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.860%
50) Toluene-d8	8.647	98	372728	45.628	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.260%#
62) 4-Bromofluorobenzene	11.079	95	135838	41.300	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.600%#
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	290	0.208	ug/l #	59
13) Acrolein	2.239	56	319	0.455	ug/l	90
15) Acrylonitrile	3.087	53	414	0.319	ug/l #	82
16) Acetone	2.410	43	928	0.645	ug/l #	76
17) Carbon Disulfide	2.514	76	1293	0.251	ug/l #	85
20) Methylene Chloride	2.794	84	736	0.282	ug/l #	68
31) Cyclohexane	5.544	56	4925	1.165	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16751	4.799	ug/l #	50
38) Carbon Tetrachloride	5.550	117	20620	6.237	ug/l #	16
49) 1,4-Dioxane	7.964	88	19	2.274	ug/l #	23
58) 2-Chloroethyl Vinyl ether	8.251	63	422	0.212	ug/l #	56
76) 1,2,3-Trichloropropane	11.079	75	73009	22.304	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	73009	71.882	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.585	180	889	0.310	ug/l	81
94) Hexachlorobutadiene	13.725	225	719	0.632	ug/l	97
95) Naphthalene	13.774	128	2968	0.302	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	968	0.343	ug/l	90

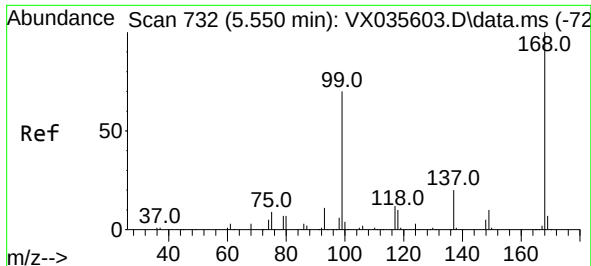
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
VX0524MBL01

Quant Time: May 25 05:27:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

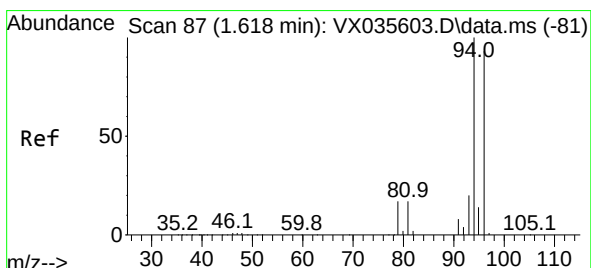
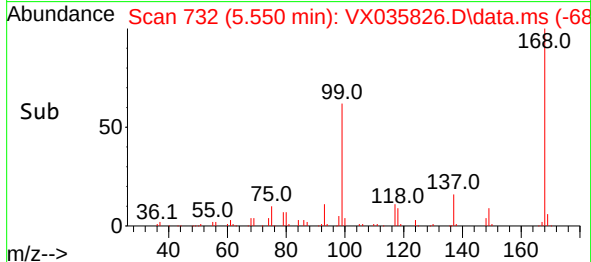
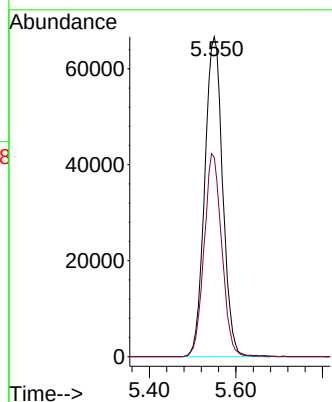
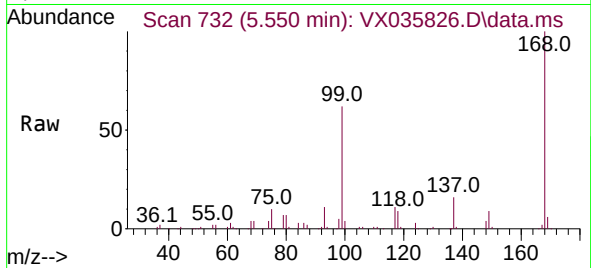




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035826.D
Acq: 24 May 2023 11:08

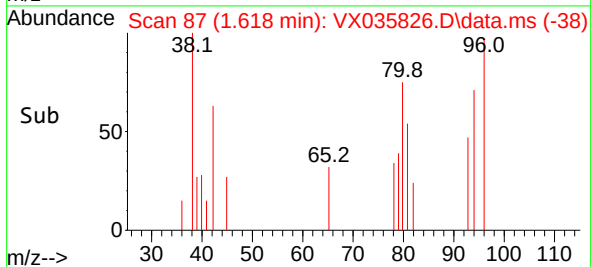
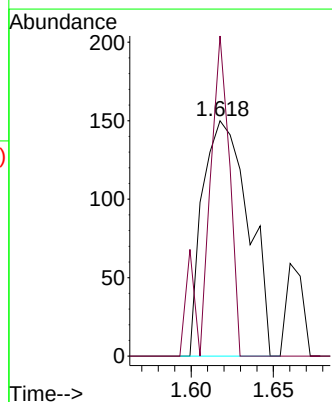
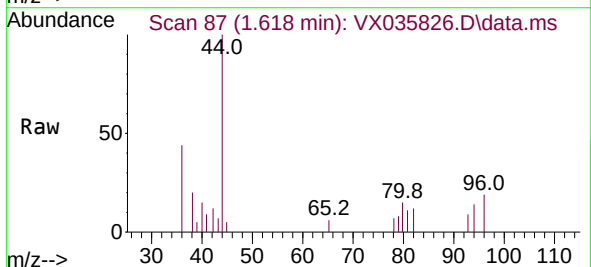
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

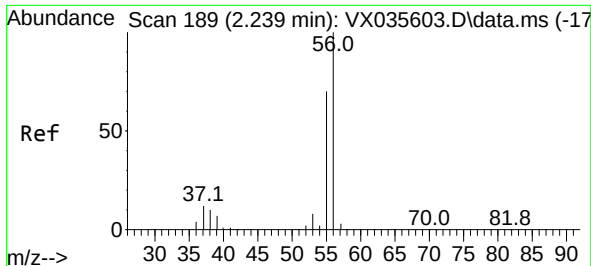
Tgt Ion:168 Resp: 191781
Ion Ratio Lower Upper
168 100
99 62.3 45.7 68.5



#5
Bromomethane
Concen: 0.208 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.000 min
Lab File: VX035826.D
Acq: 24 May 2023 11:08

Tgt Ion: 94 Resp: 290
Ion Ratio Lower Upper
94 100
96 136.0 77.0 115.6#

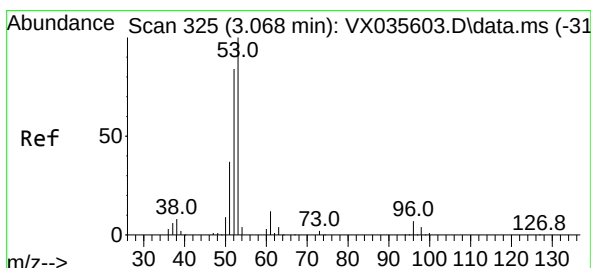
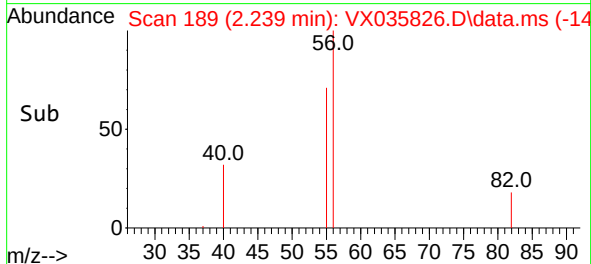
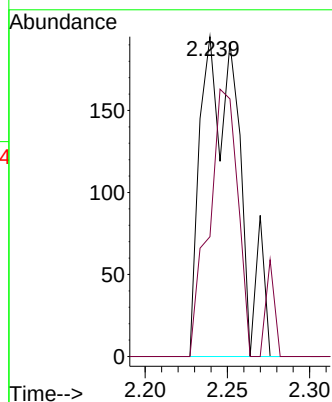
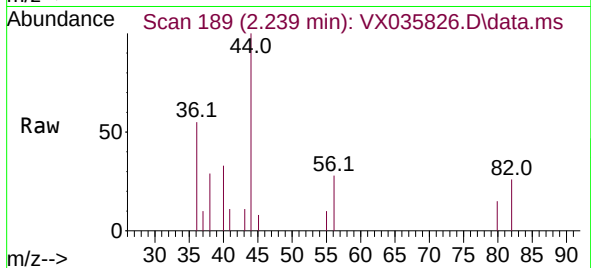




#13
Acrolein
Concen: 0.455 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035826.D
Acq: 24 May 2023 11:08

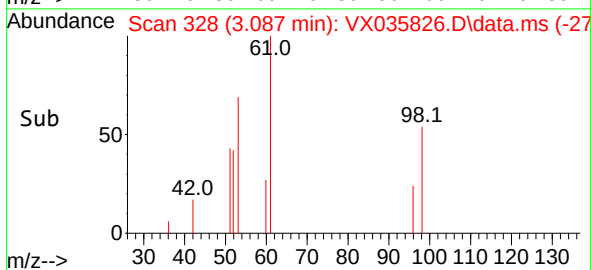
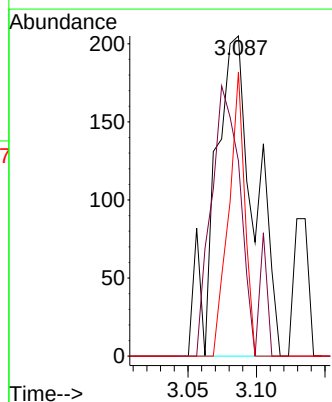
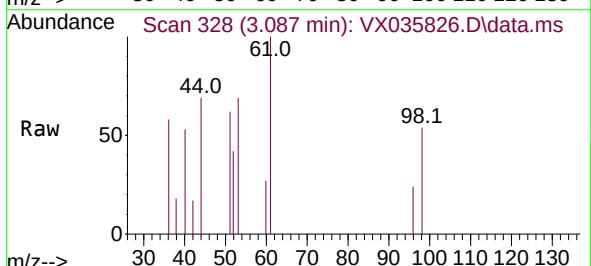
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

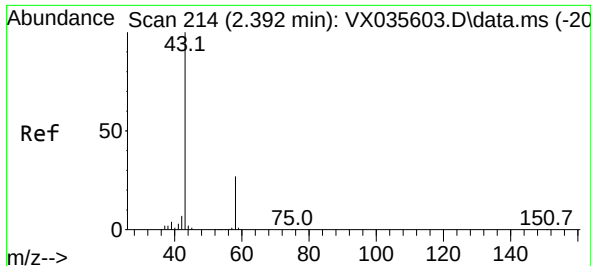
Tgt Ion: 56 Resp: 319
Ion Ratio Lower Upper
56 100
55 62.4 56.6 85.0



#15
Acrylonitrile
Concen: 0.319 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.019 min
Lab File: VX035826.D
Acq: 24 May 2023 11:08

Tgt Ion: 53 Resp: 414
Ion Ratio Lower Upper
53 100
52 59.9 66.2 99.2#
51 35.7 28.3 42.5

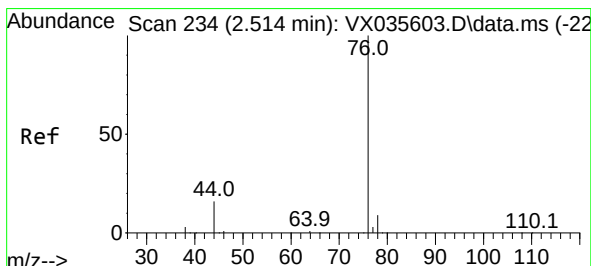
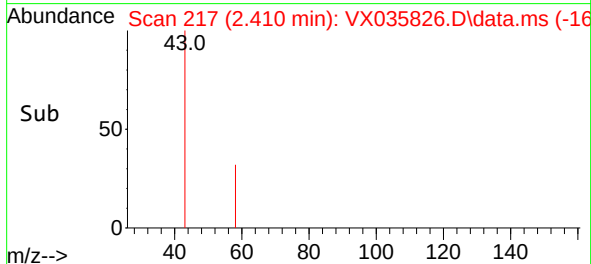
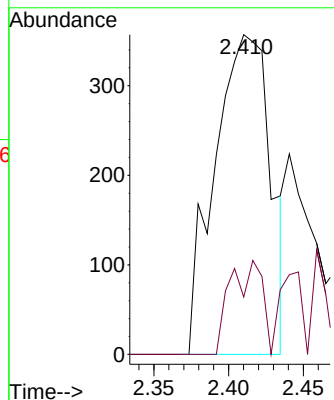
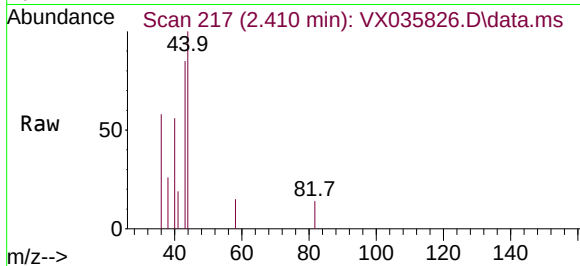




#16
Acetone
Concen: 0.645 ug/l
RT: 2.410 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX035826.D
Acq: 24 May 2023 11:08

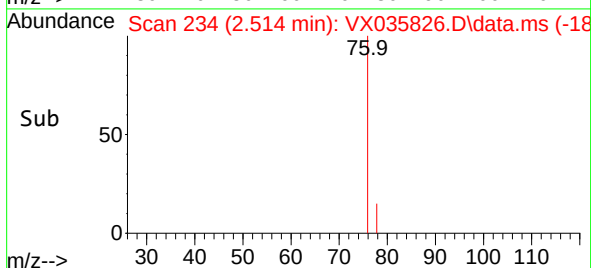
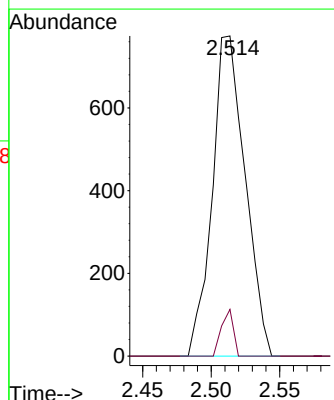
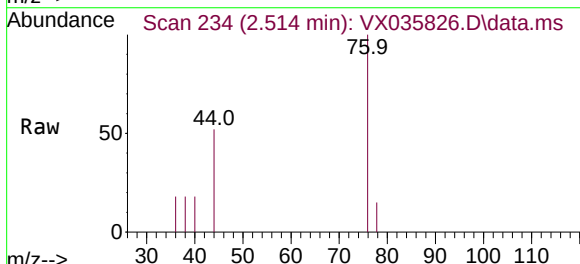
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

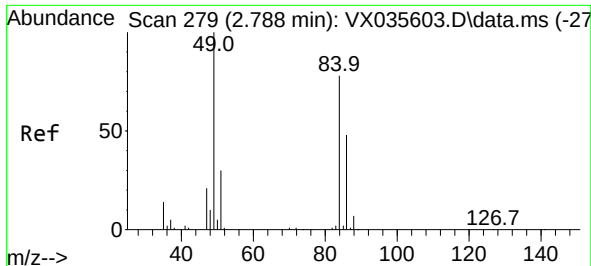
Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 17.9 24.7 37.1#



#17
Carbon Disulfide
Concen: 0.251 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX035826.D
Acq: 24 May 2023 11:08

Tgt Ion: 76 Resp: 1293
Ion Ratio Lower Upper
76 100
78 14.6 7.2 10.8#

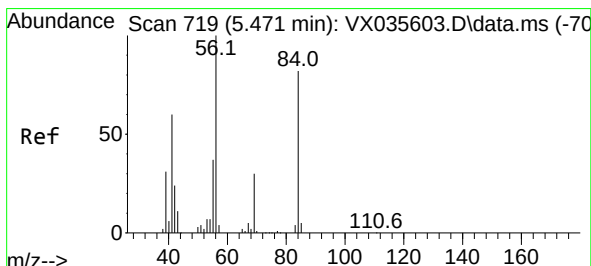
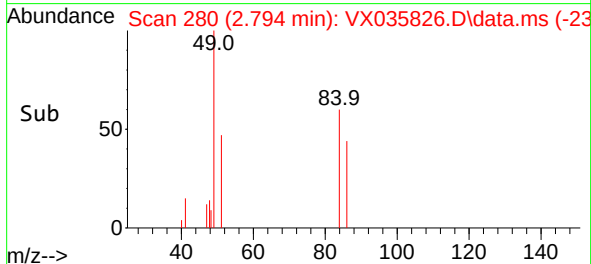
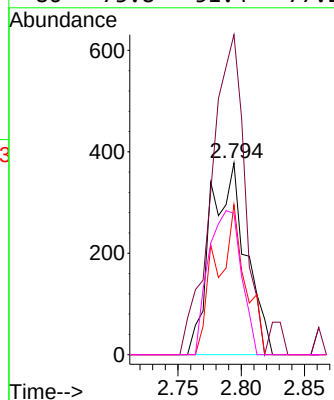
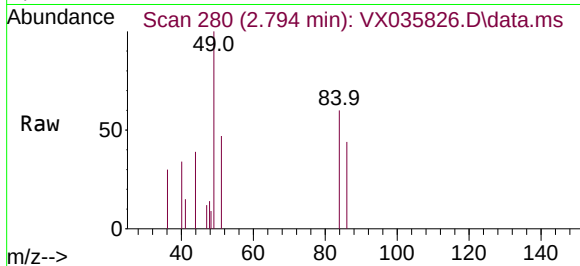




#20
Methylene Chloride
Concen: 0.282 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035826.D
Acq: 24 May 2023 11:08

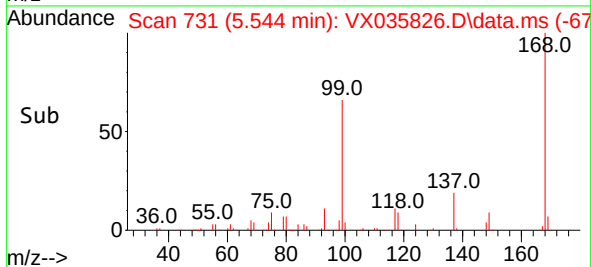
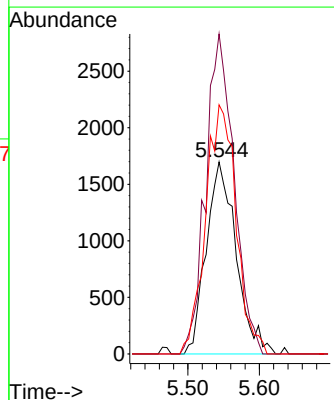
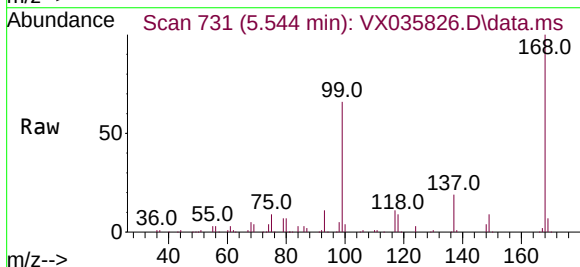
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

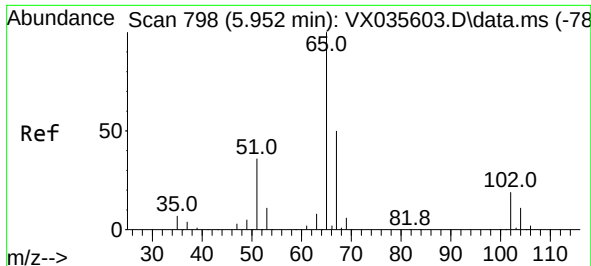
Tgt Ion:	84	Resp:	736
Ion	Ratio	Lower	Upper
84	100		
49	166.9	103.8	155.8#
51	78.3	31.8	47.8#
86	73.8	51.4	77.2



#31
Cyclohexane
Concen: 1.165 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX035826.D
Acq: 24 May 2023 11:08

Tgt Ion:	56	Resp:	4925
Ion	Ratio	Lower	Upper
56	100		
69	166.6	23.7	35.5#
84	129.7	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 39.480 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035826.D

Acq: 24 May 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

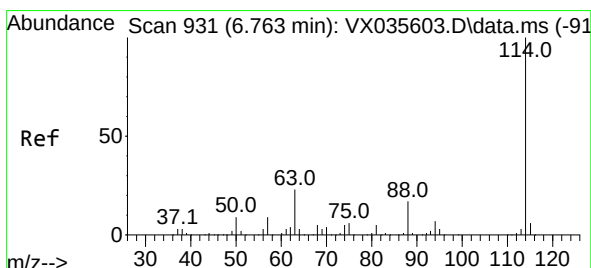
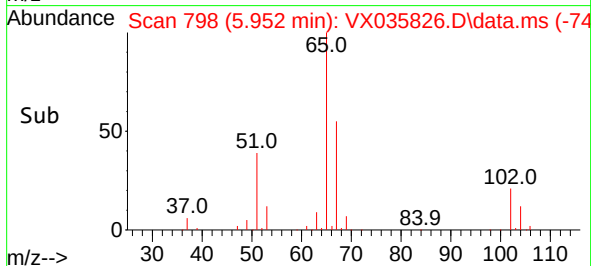
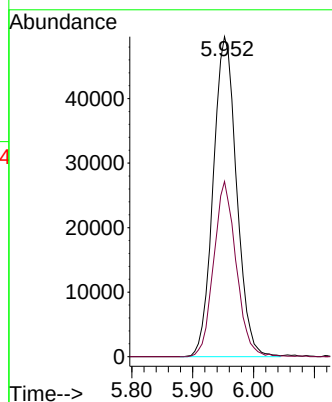
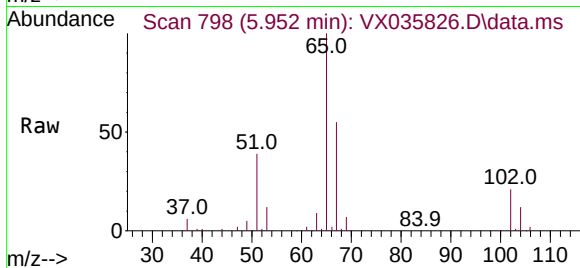
VX0524MBL01

Tgt Ion: 65 Resp: 132088

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035826.D

Acq: 24 May 2023 11:08

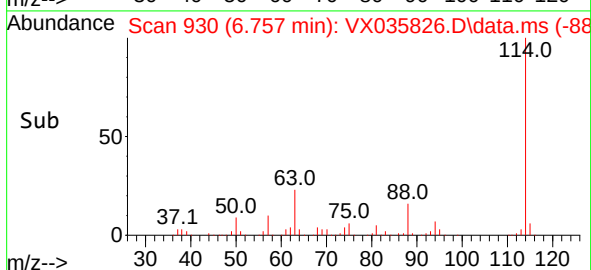
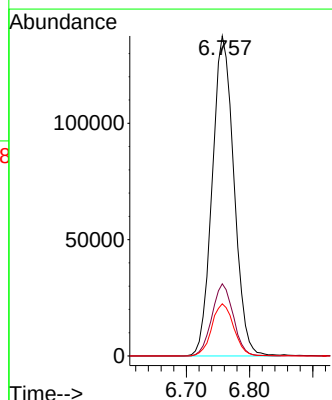
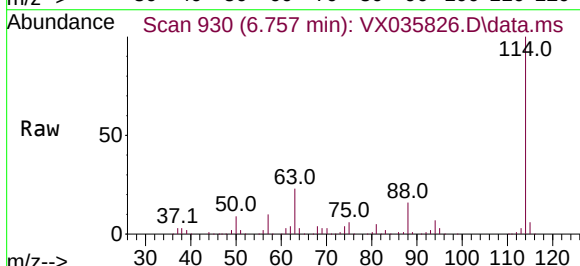
Tgt Ion: 114 Resp: 327880

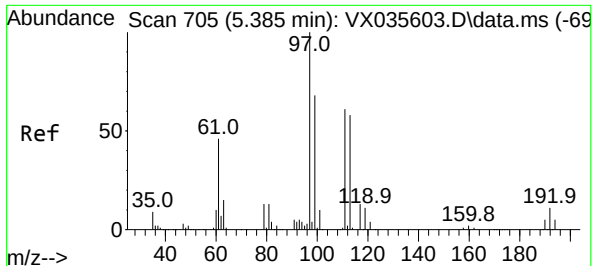
Ion Ratio Lower Upper

114 100

63 22.6 0.0 42.2

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 45.932 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX035826.D

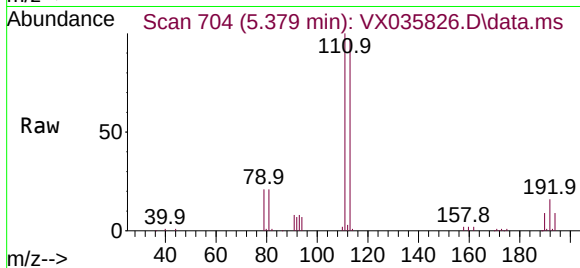
Acq: 24 May 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0524MBL01



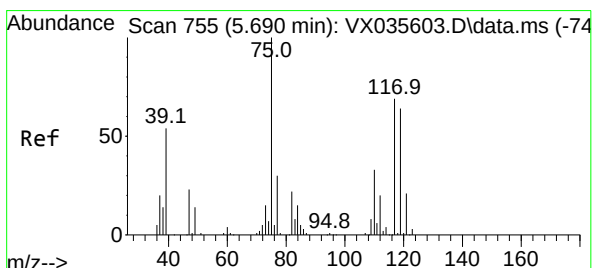
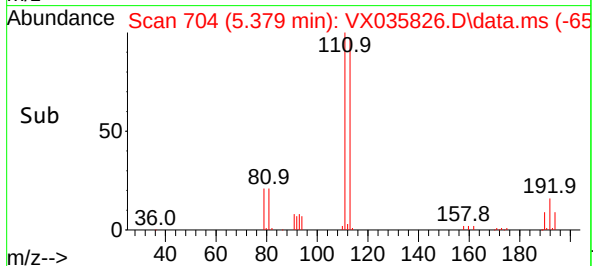
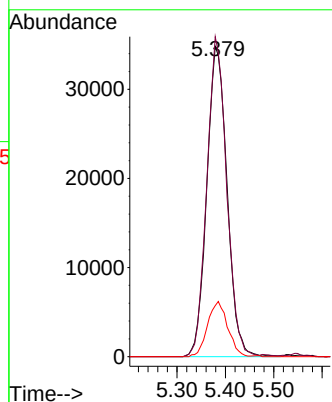
Tgt Ion:113 Resp: 101566

Ion Ratio Lower Upper

113 100

111 100.6 83.7 125.5

192 17.7 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.799 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX035826.D

Acq: 24 May 2023 11:08

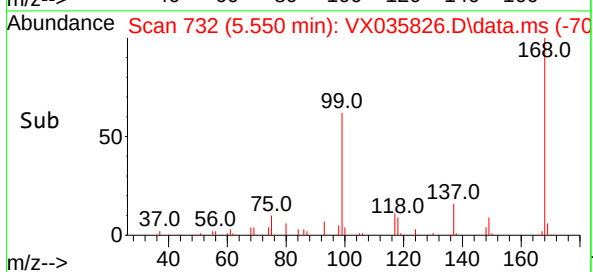
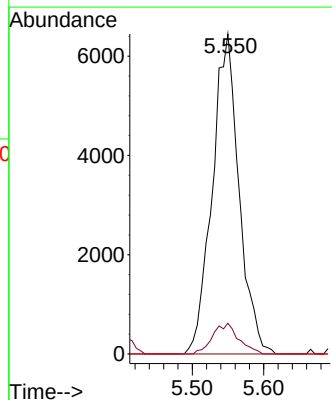
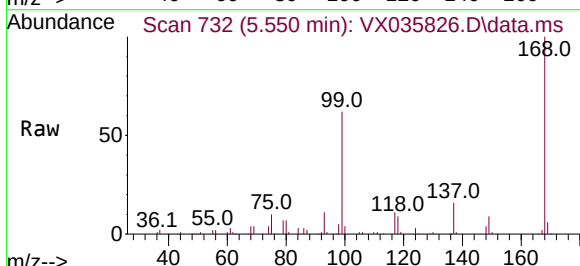
Tgt Ion: 75 Resp: 16751

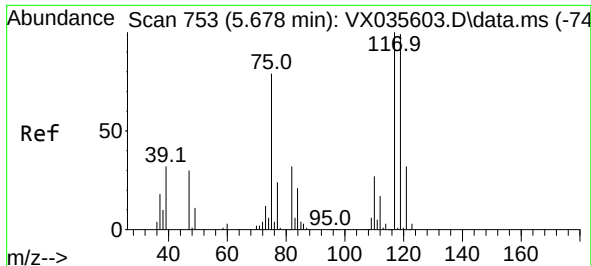
Ion Ratio Lower Upper

75 100

110 9.4 17.5 52.5#

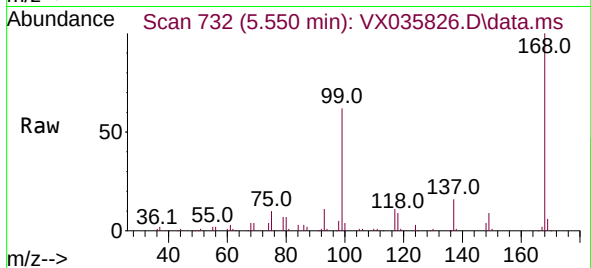
77 0.0 24.3 36.5#



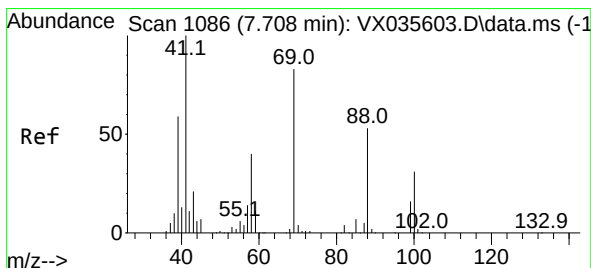
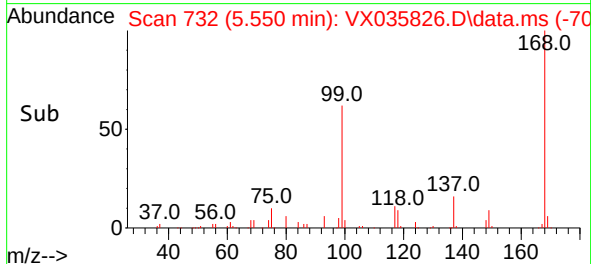
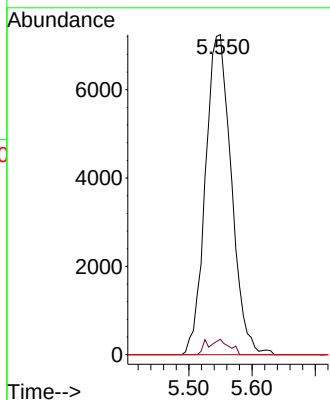


#38
Carbon Tetrachloride
Concen: 6.237 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035826.D
Acq: 24 May 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

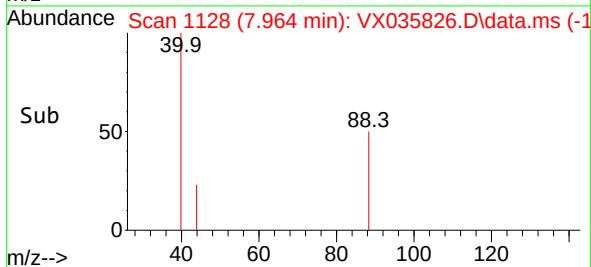
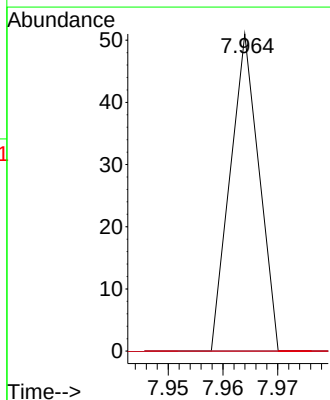
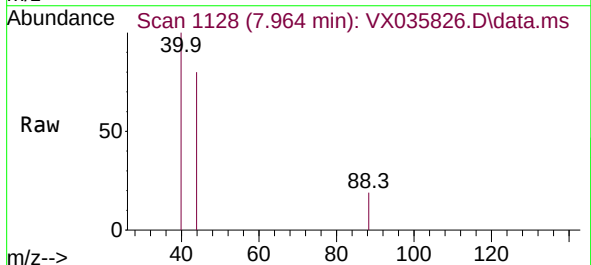


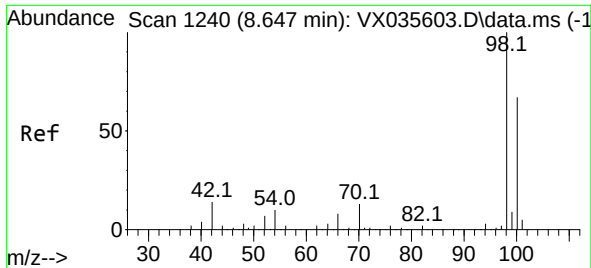
Tgt Ion: 117 Resp: 20620
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 2.274 ug/l
RT: 7.964 min Scan# 1128
Delta R.T. 0.256 min
Lab File: VX035826.D
Acq: 24 May 2023 11:08

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#

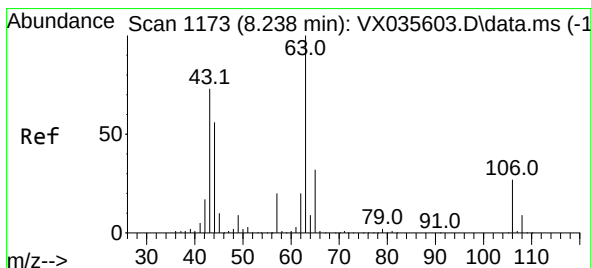
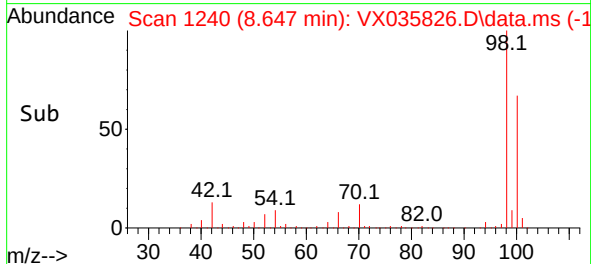
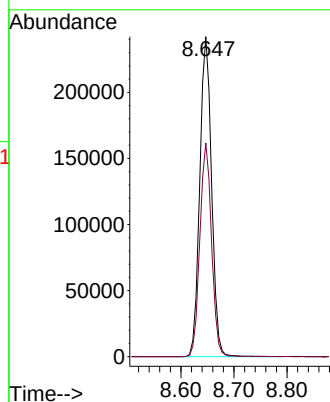
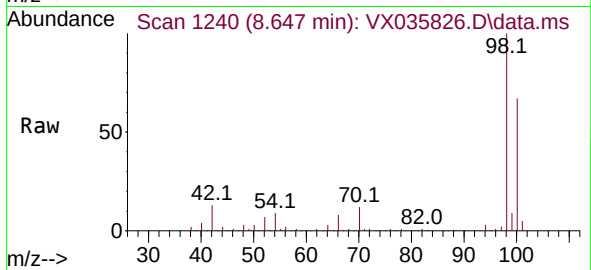




#50
Toluene-d8
Concen: 45.628 ug/l
RT: 8.647 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VX035826.D
Acq: 24 May 2023 11:08

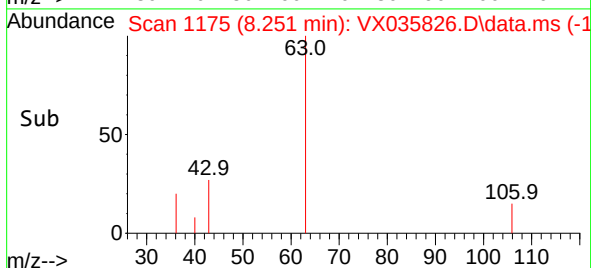
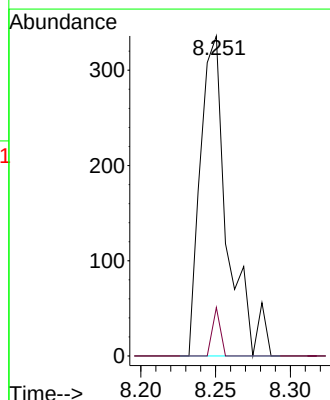
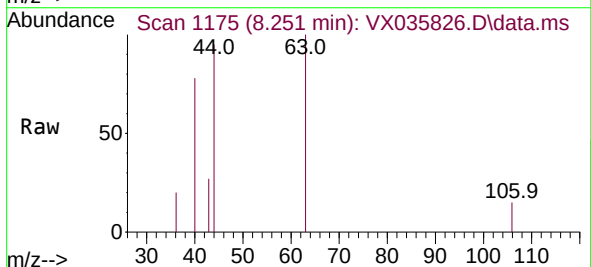
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

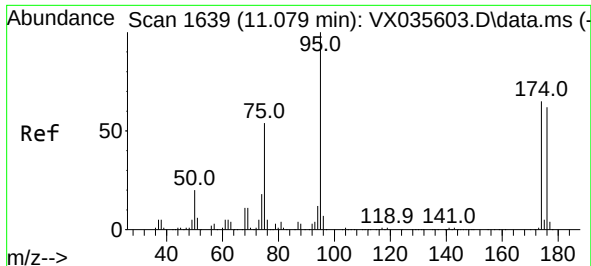
Tgt Ion: 98 Resp: 372728
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#58
2-Chloroethyl Vinyl ether
Concen: 0.212 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.013 min
Lab File: VX035826.D
Acq: 24 May 2023 11:08

Tgt Ion: 63 Resp: 422
Ion Ratio Lower Upper
63 100
106 4.5 22.2 33.2#

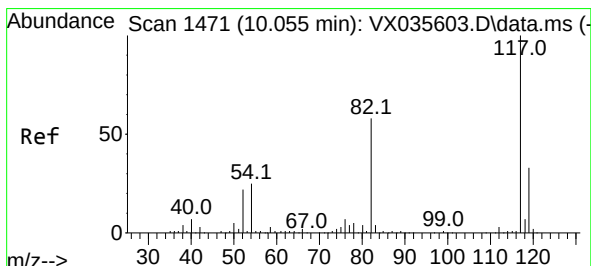
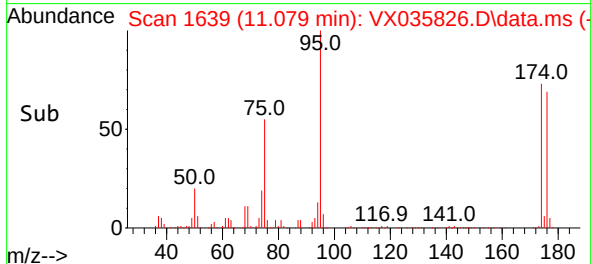
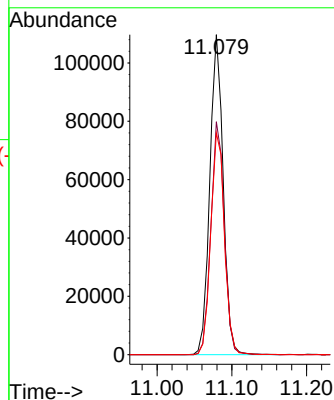
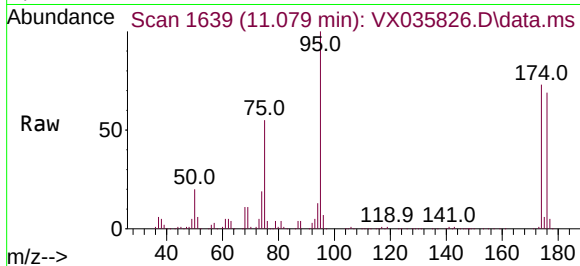




#62
4-Bromofluorobenzene
Concen: 41.300 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035826.D
Acq: 24 May 2023 11:08

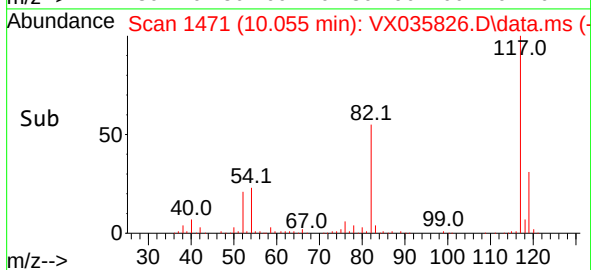
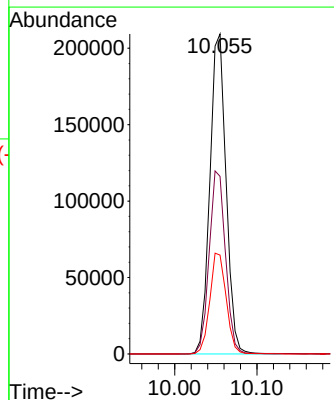
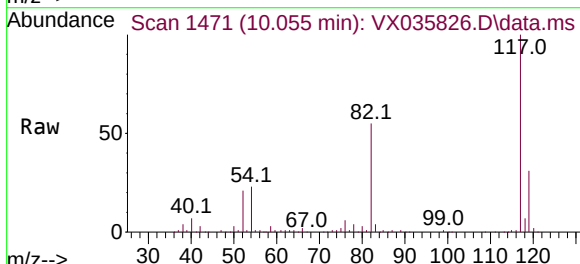
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

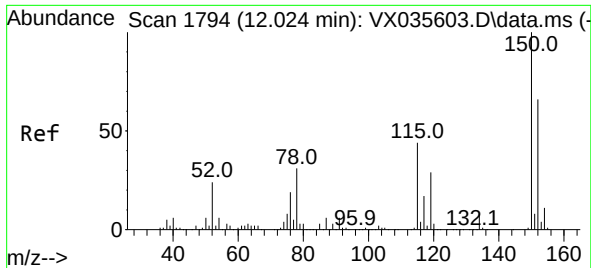
Tgt Ion: 95 Resp: 135838
Ion Ratio Lower Upper
95 100
174 73.2 0.0 147.4
176 71.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035826.D
Acq: 24 May 2023 11:08

Tgt Ion: 117 Resp: 286318
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 30.9 26.0 39.0

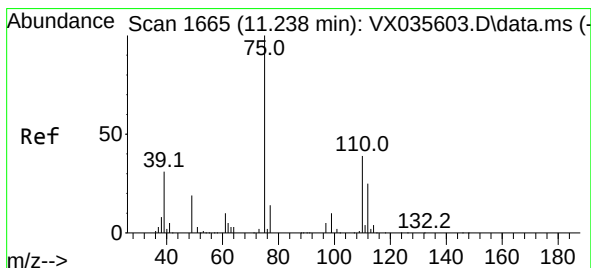
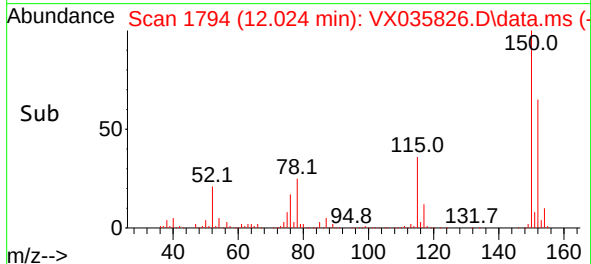
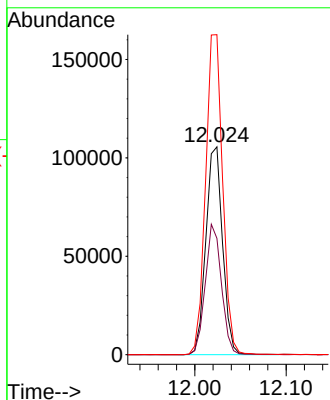
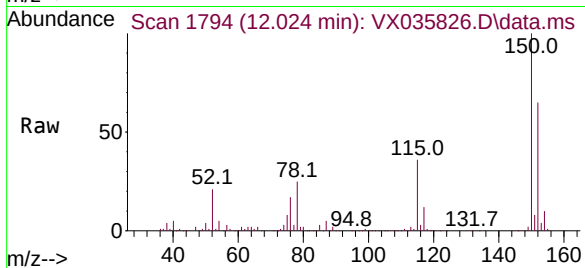




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX035826.D
 Acq: 24 May 2023 11:08

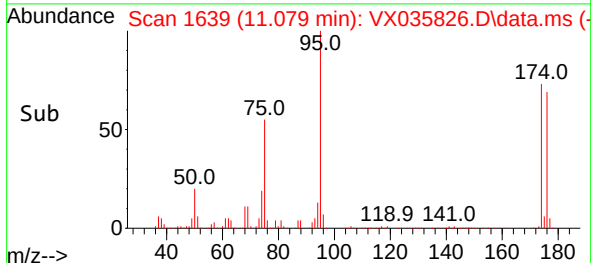
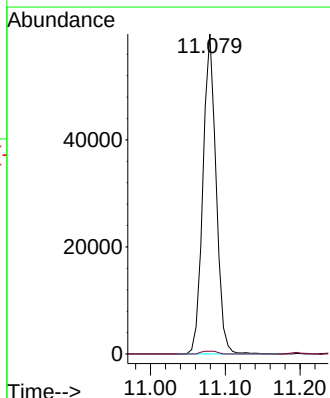
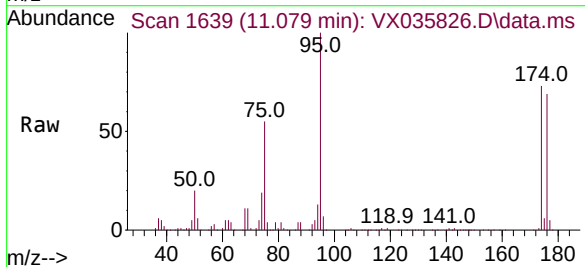
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBL01

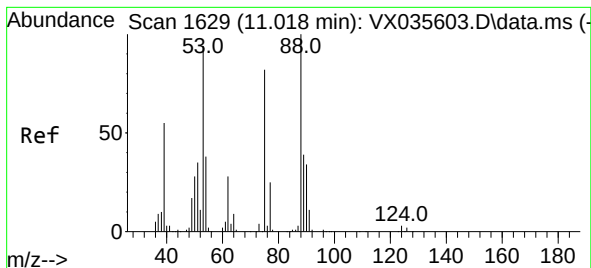
Tgt Ion:152 Resp: 133825
 Ion Ratio Lower Upper
 152 100
 115 60.7 45.0 135.0
 150 156.9 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 22.304 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035826.D
 Acq: 24 May 2023 11:08

Tgt Ion: 75 Resp: 73009
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#

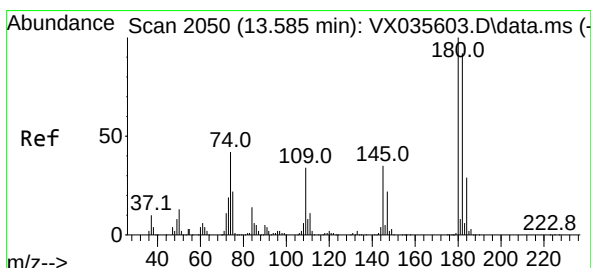
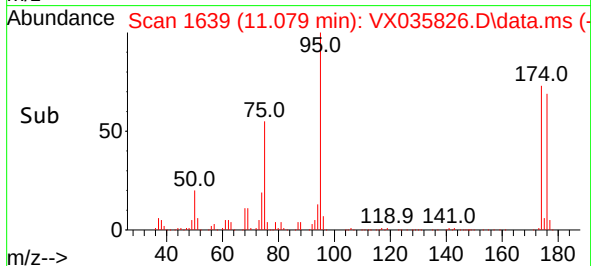
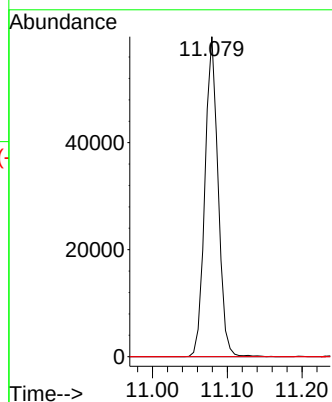
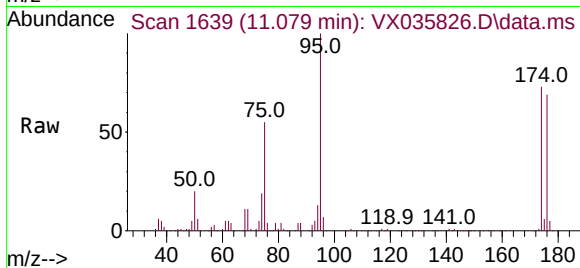




#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.882 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035826.D
 Acq: 24 May 2023 11:08

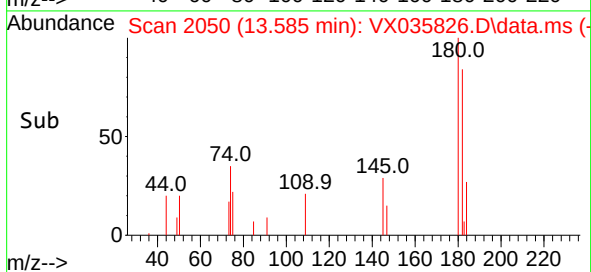
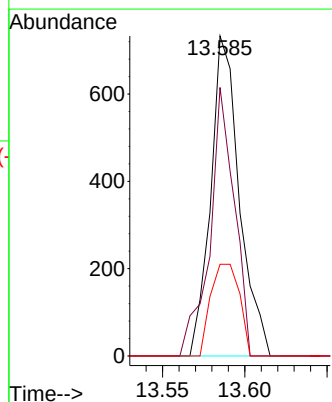
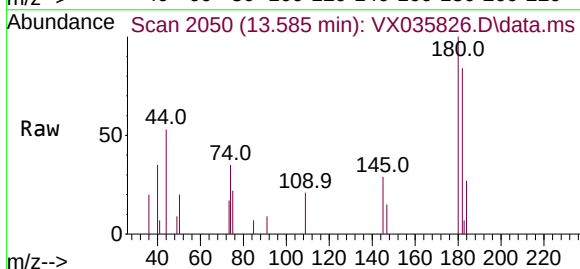
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBL01

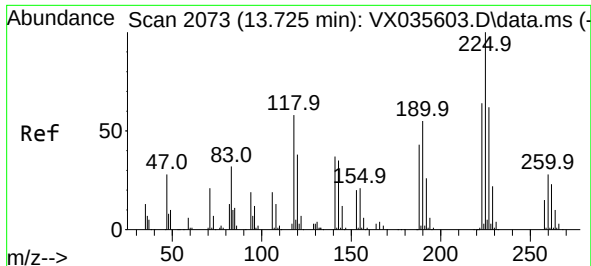
Tgt Ion: 75 Resp: 73009
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.310 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX035826.D
 Acq: 24 May 2023 11:08

Tgt Ion:180 Resp: 889
 Ion Ratio Lower Upper
 180 100
 182 71.5 47.0 141.0
 145 28.7 15.9 47.7

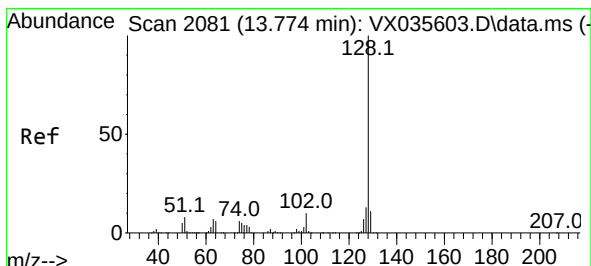
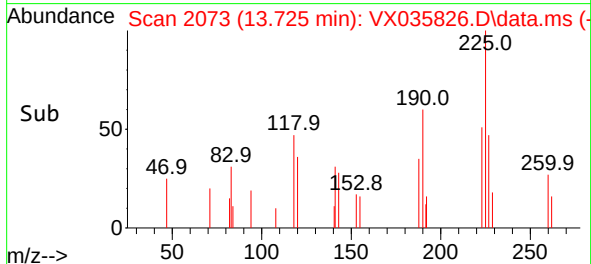
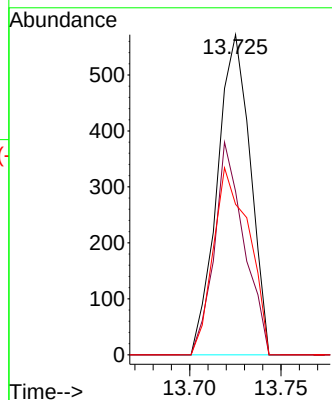
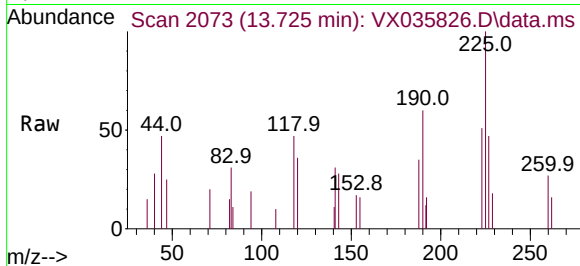




#94
Hexachlorobutadiene
Concen: 0.632 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035826.D
Acq: 24 May 2023 11:08

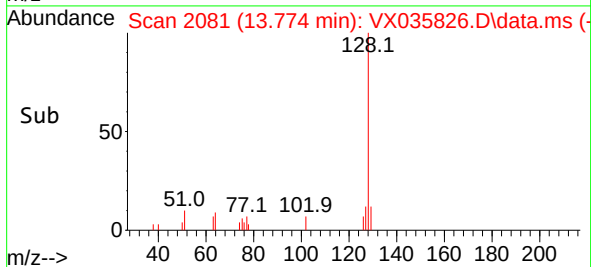
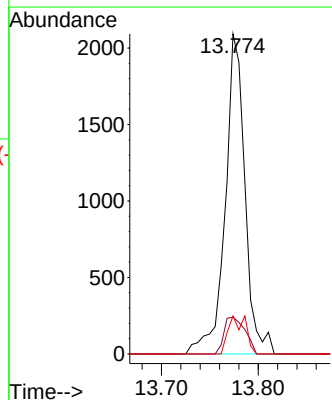
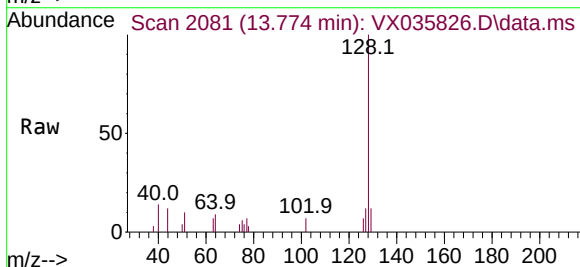
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

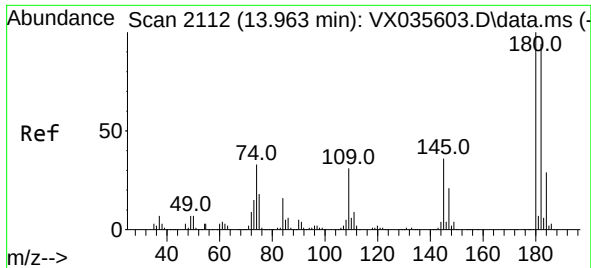
Tgt Ion:225	Resp:	719
Ion	Ratio	Lower Upper
225	100	
223	59.8	32.1 96.5
227	63.0	31.8 95.4



#95
Naphthalene
Concen: 0.302 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035826.D
Acq: 24 May 2023 11:08

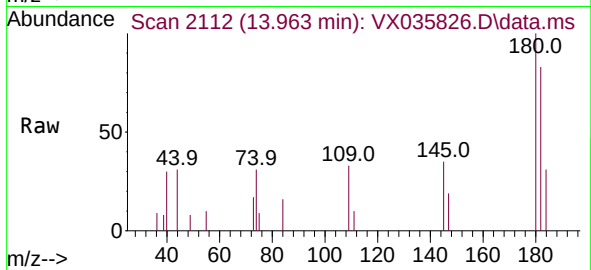
Tgt Ion:128	Resp:	2968
Ion	Ratio	Lower Upper
128	100	
127	12.2	10.2 15.4
129	10.4	8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.343 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX035826.D
 Acq: 24 May 2023 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBL01



Tgt Ion:	180	Resp:	968
Ion	Ratio	Lower	Upper
180	100		
182	85.6	48.0	144.2
145	31.2	17.7	53.1

