

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035328.D
 Acq On : 27 Apr 2023 10:06
 Operator : JC/MD
 Sample : VX0427MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427MBL01

Quant Time: Apr 27 16:23:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

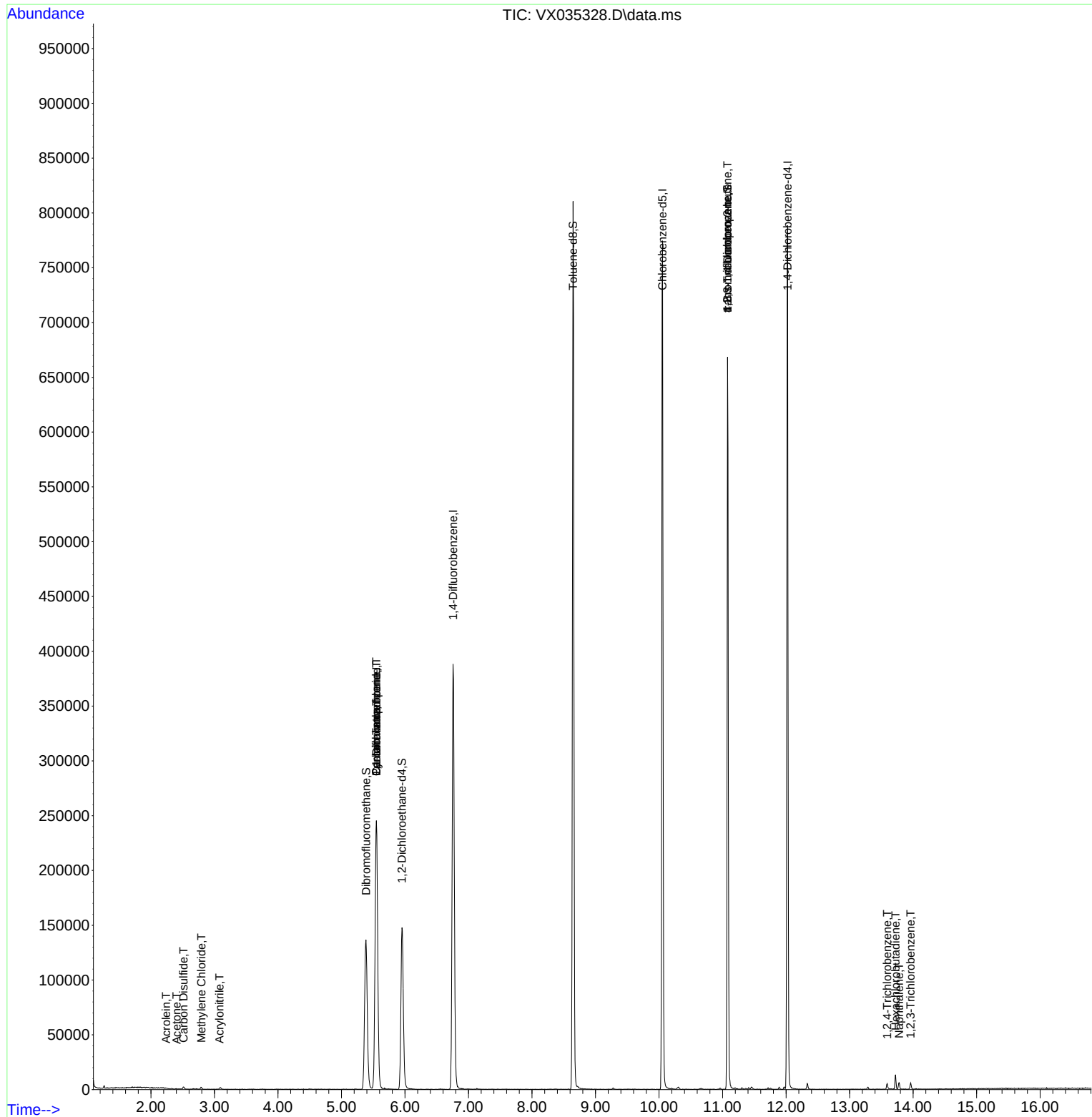
Internal Standards						
1) Pentafluorobenzene	5.550	168	247102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	409972	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	373250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	144258	48.390	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.780%		
35) Dibromofluoromethane	5.385	113	123463	49.066	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.140%		
50) Toluene-d8	8.647	98	478808	50.442	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.880%		
62) 4-Bromofluorobenzene	11.079	95	182417	51.085	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.180%		
Target Compounds						Qvalue
13) Acrolein	2.239	56	331	0.620	ug/l	87
15) Acrylonitrile	3.081	53	541	0.398	ug/l #	83
16) Acetone	2.404	43	613	0.473	ug/l #	44
17) Carbon Disulfide	2.514	76	2561	0.445	ug/l #	80
20) Methylene Chloride	2.794	84	826	0.278	ug/l #	69
31) Cyclohexane	5.550	56	4287	1.014	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17708	4.507	ug/l #	52
38) Carbon Tetrachloride	5.550	117	23869	6.399	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	88767	25.366	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	88767	82.155	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	1665	0.437	ug/l	98
94) Hexachlorobutadiene	13.725	225	2022	1.210	ug/l	94
95) Naphthalene	13.780	128	4794	0.409	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1725	0.450	ug/l	95

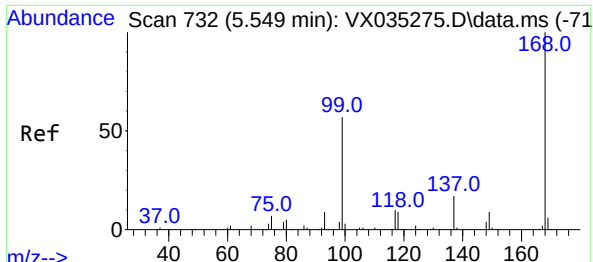
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VX0427MBL01

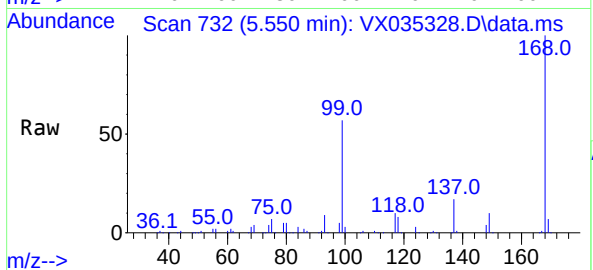
Quant Time: Apr 27 16:23:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration



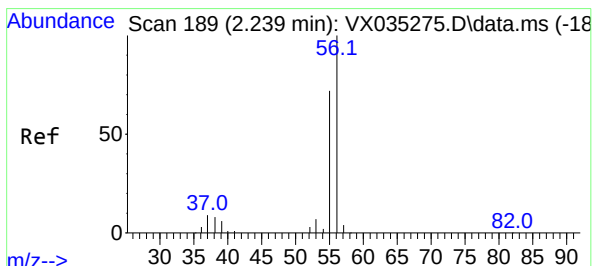
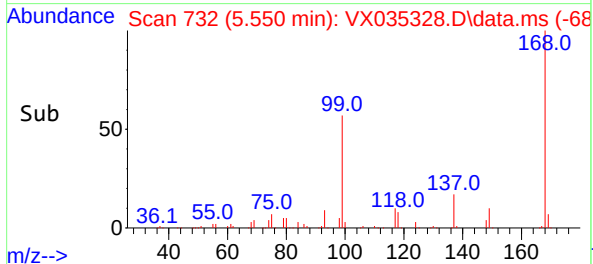
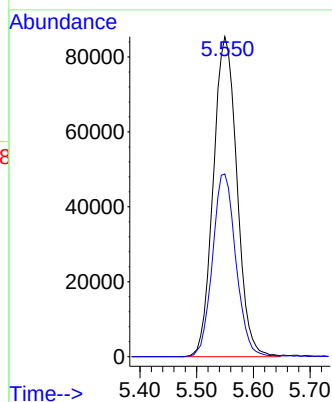


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

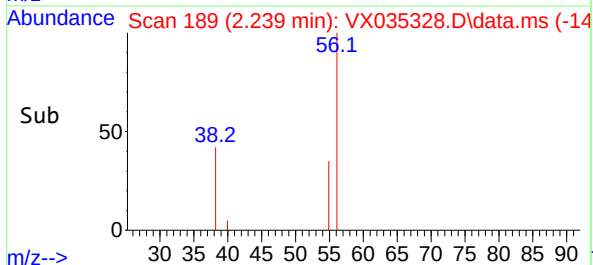
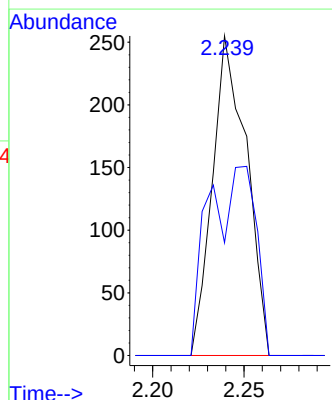
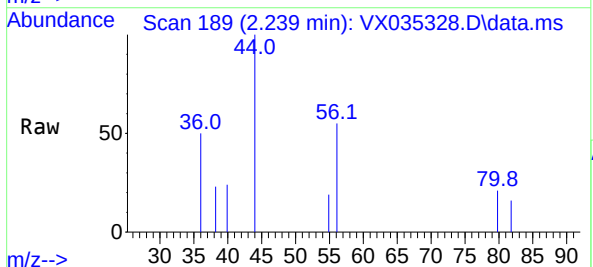


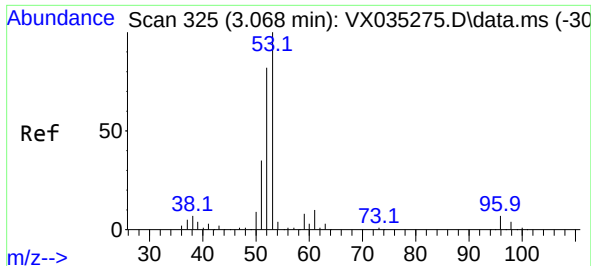
Tgt Ion:168 Resp: 247102
Ion Ratio Lower Upper
168 100
99 57.1 45.7 68.5



#13
Acrolein
Concen: 0.620 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

Tgt Ion: 56 Resp: 331
Ion Ratio Lower Upper
56 100
55 81.9 56.6 85.0

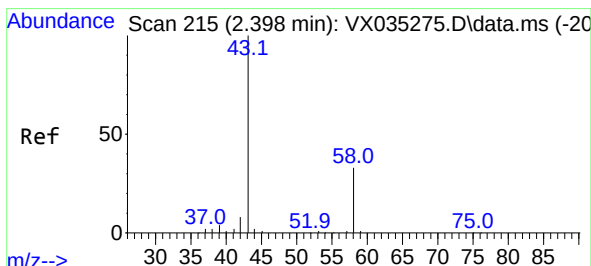
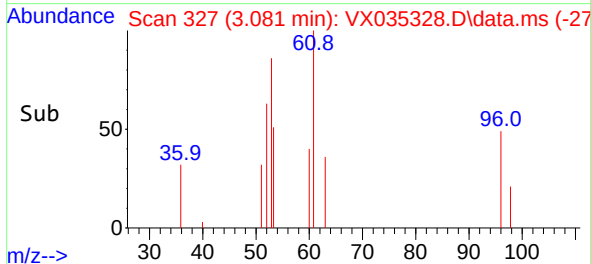
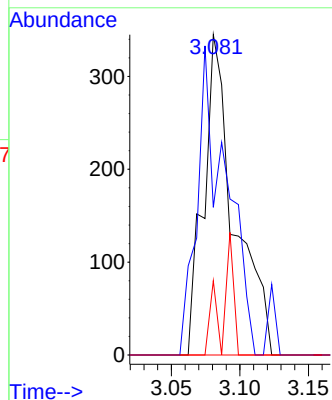
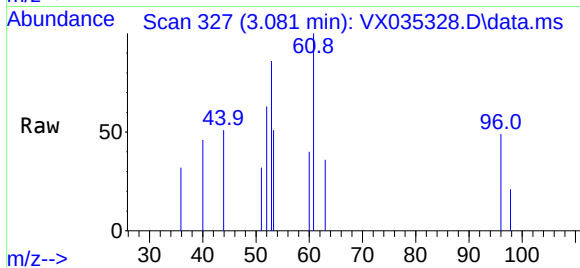




#15
Acrylonitrile
Concen: 0.398 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

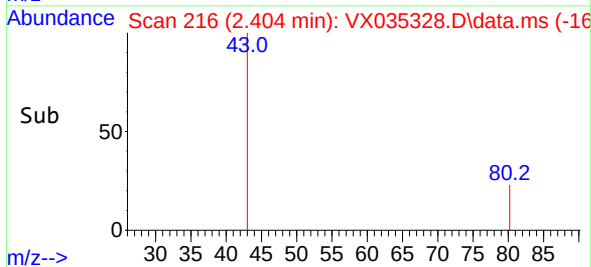
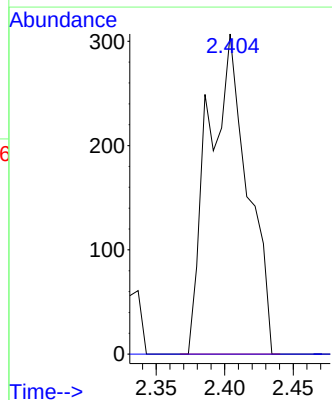
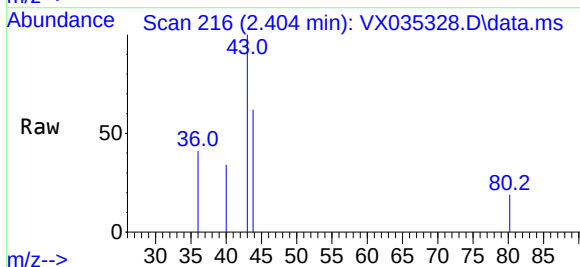
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

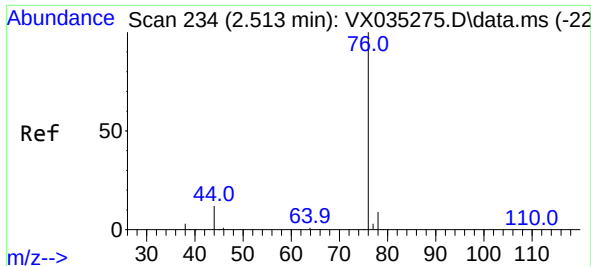
Tgt Ion: 53 Resp: 541
Ion Ratio Lower Upper
53 100
52 90.4 66.2 99.2
51 14.4 28.3 42.5#



#16
Acetone
Concen: 0.473 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

Tgt Ion: 43 Resp: 613
Ion Ratio Lower Upper
43 100
58 0.0 24.7 37.1#





#17

Carbon Disulfide

Concen: 0.445 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX035328.D

Acq: 27 Apr 2023 10:06

Instrument :

MSVOA_X

ClientSampleId :

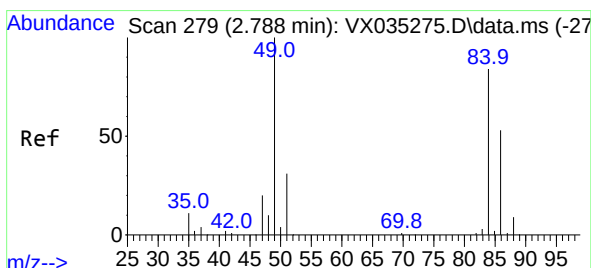
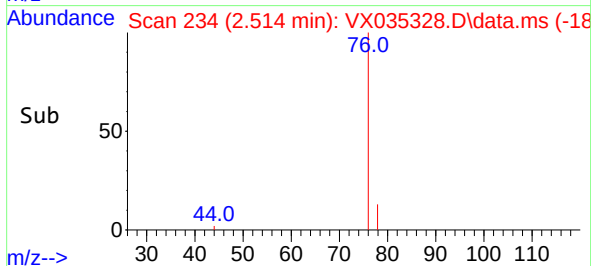
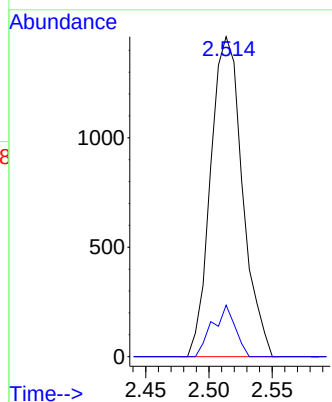
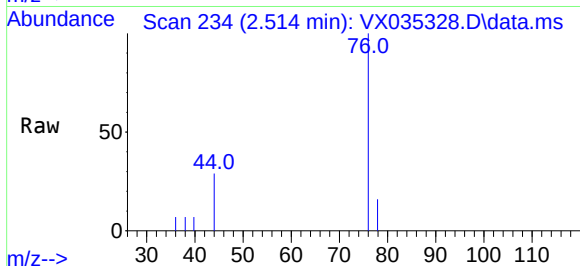
VX0427MBL01

Tgt Ion: 76 Resp: 2561

Ion Ratio Lower Upper

76 100

78 16.1 7.2 10.8#



#20

Methylene Chloride

Concen: 0.278 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX035328.D

Acq: 27 Apr 2023 10:06

Tgt Ion: 84 Resp: 826

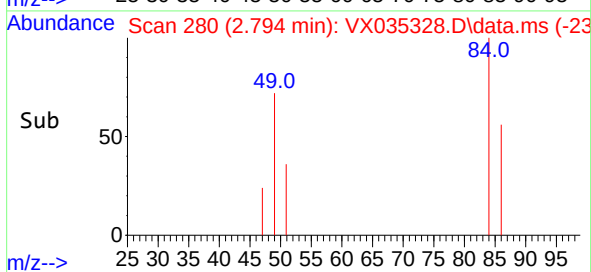
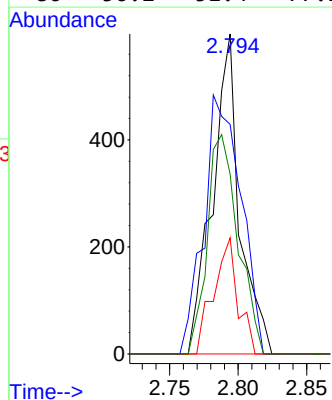
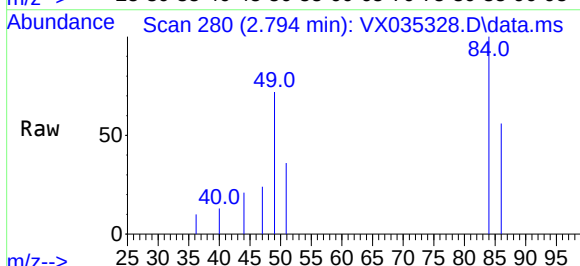
Ion Ratio Lower Upper

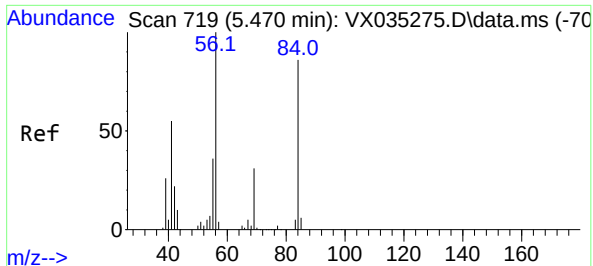
84 100

49 71.7 103.8 155.8#

51 36.3 31.8 47.8

86 56.2 51.4 77.2

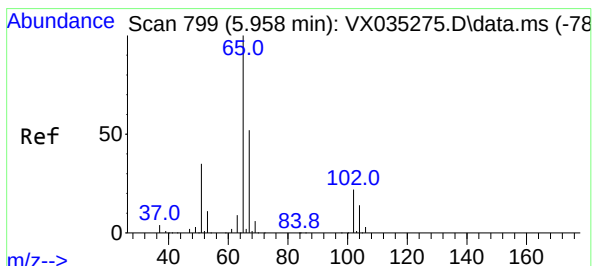
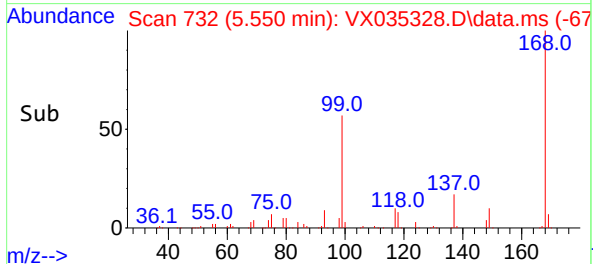
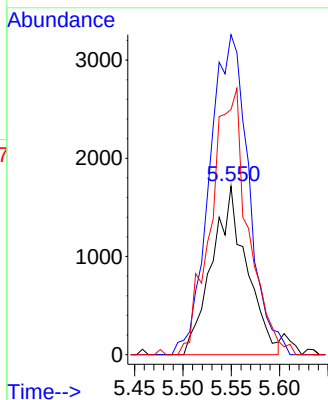
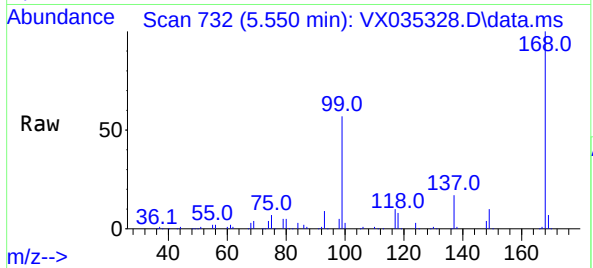




#31
Cyclohexane
Concen: 1.014 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

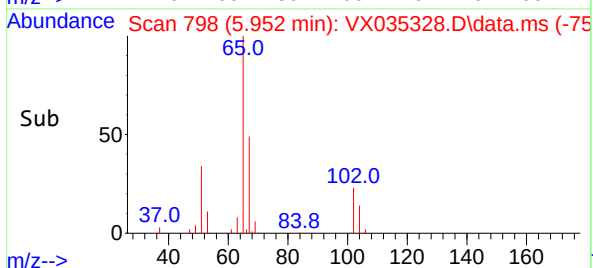
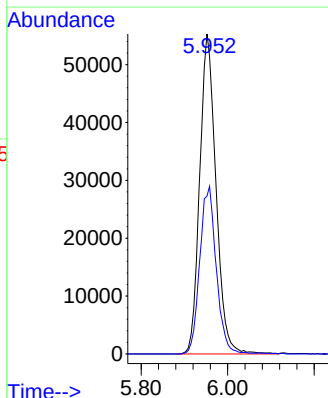
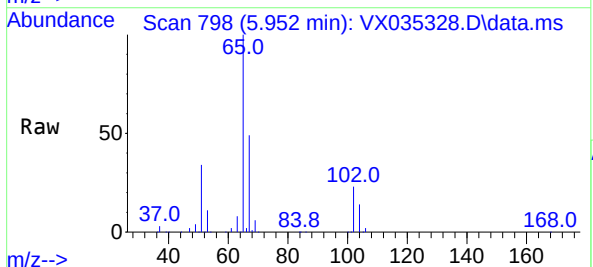
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

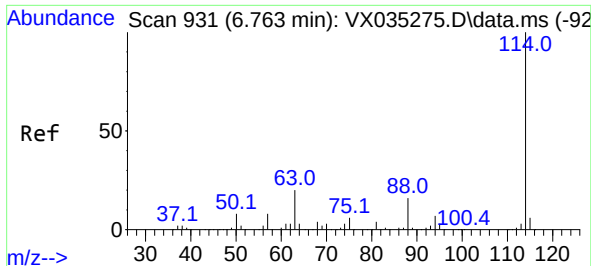
Tgt Ion: 56 Resp: 4287
Ion Ratio Lower Upper
56 100
69 182.7 23.7 35.5#
84 145.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.390 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

Tgt Ion: 65 Resp: 144258
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0

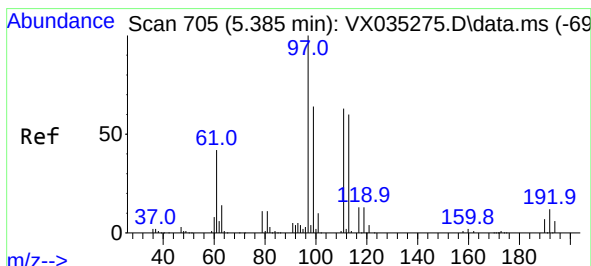
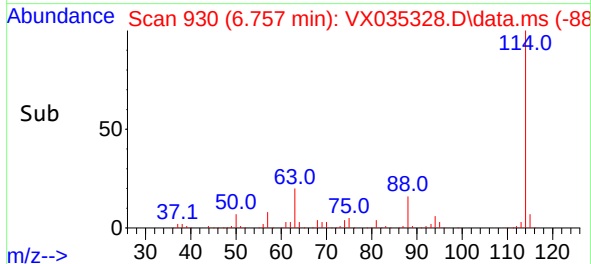
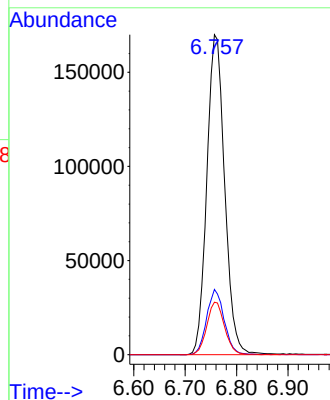
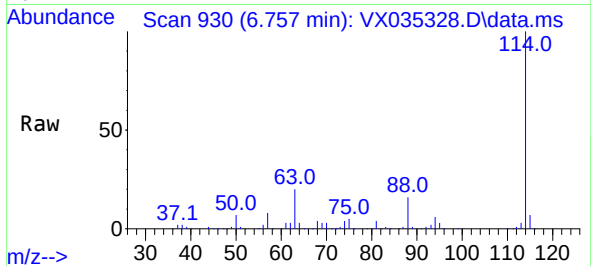




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

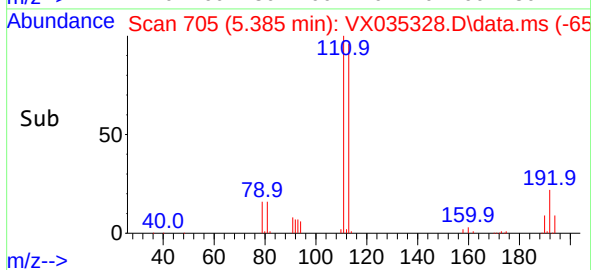
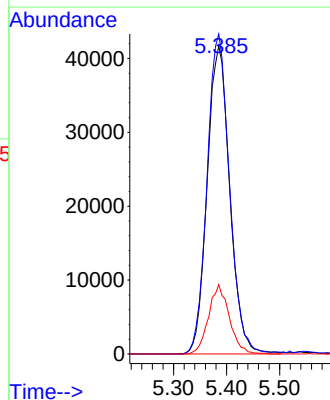
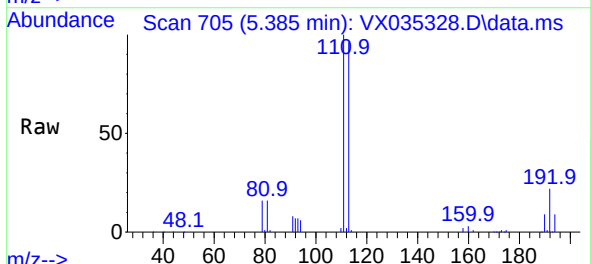
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

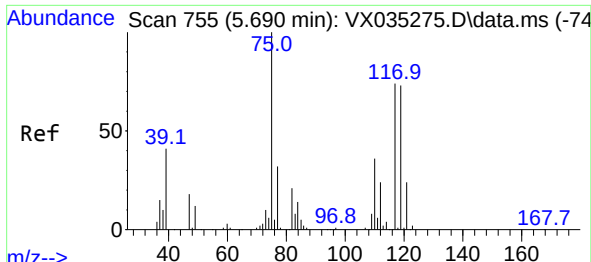
Tgt Ion:114 Resp: 409972
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.066 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

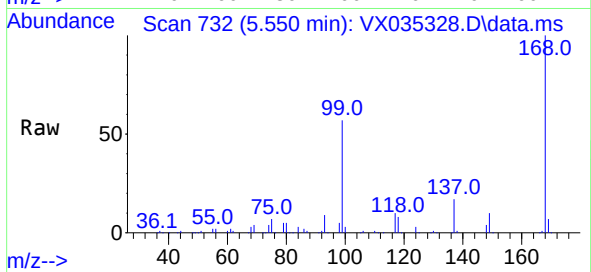
Tgt Ion:113 Resp: 123463
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 20.7 15.4 23.2



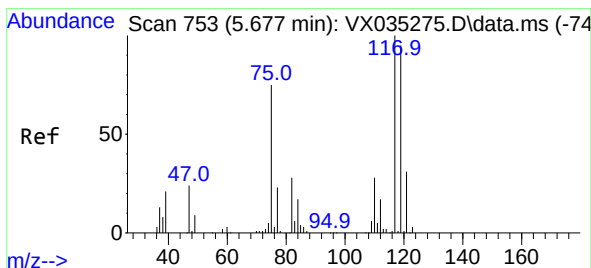
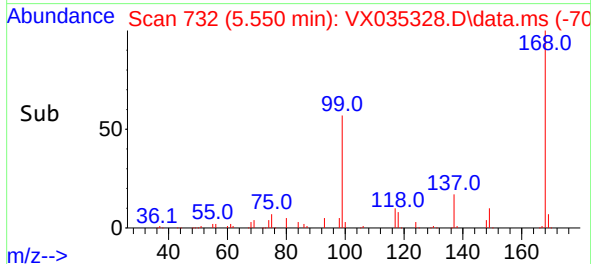
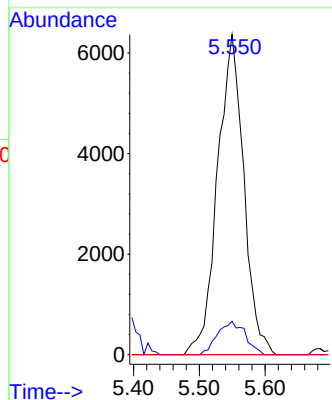


#36
1,1-Dichloropropene
Concen: 4.507 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

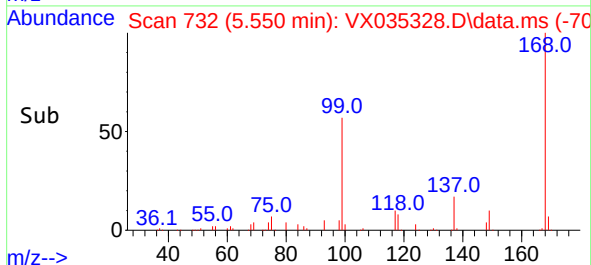
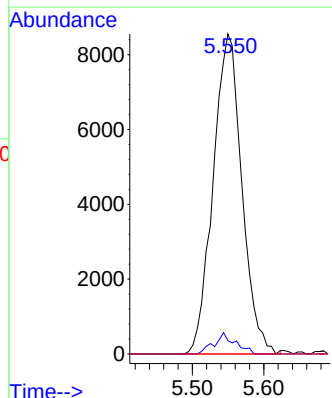
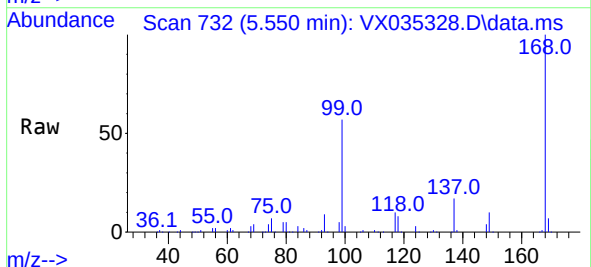


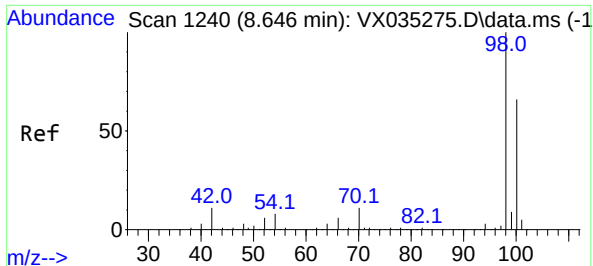
Tgt Ion: 75 Resp: 17708
Ion Ratio Lower Upper
75 100
110 11.0 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.399 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

Tgt Ion: 117 Resp: 23869
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 50.442 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX035328.D

Acq: 27 Apr 2023 10:06

Instrument :

MSVOA_X

ClientSampleId :

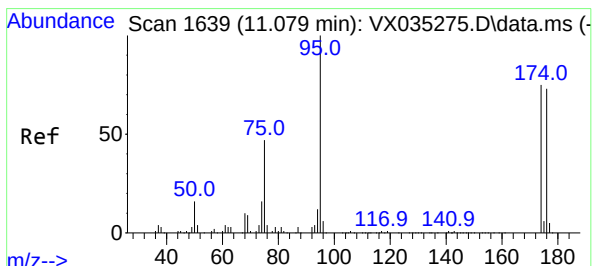
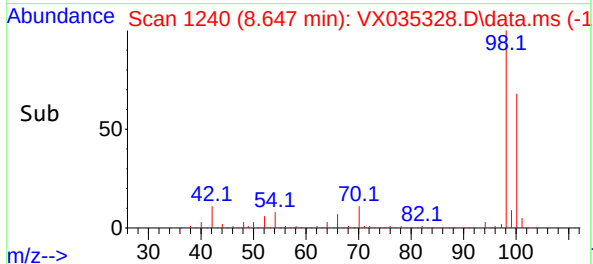
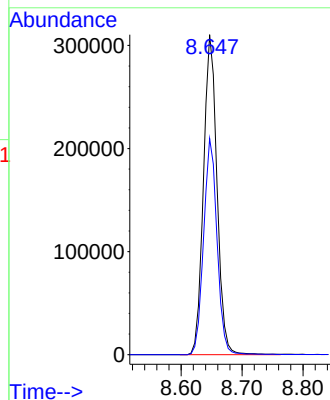
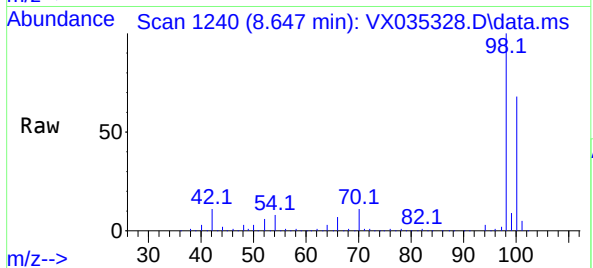
VX0427MBL01

Tgt Ion: 98 Resp: 478808

Ion Ratio Lower Upper

98 100

100 67.0 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 51.085 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035328.D

Acq: 27 Apr 2023 10:06

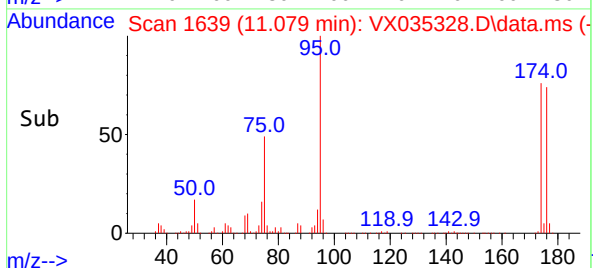
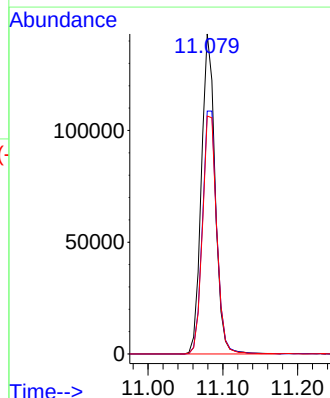
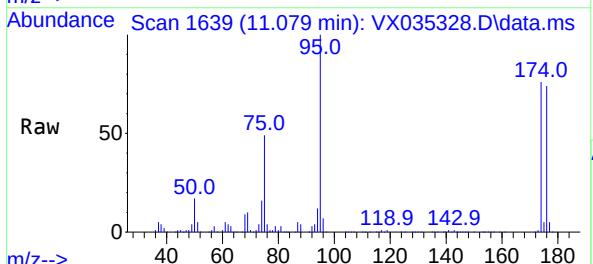
Tgt Ion: 95 Resp: 182417

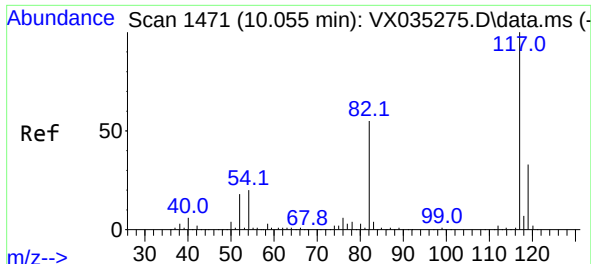
Ion Ratio Lower Upper

95 100

174 79.1 0.0 147.4

176 77.2 0.0 140.6

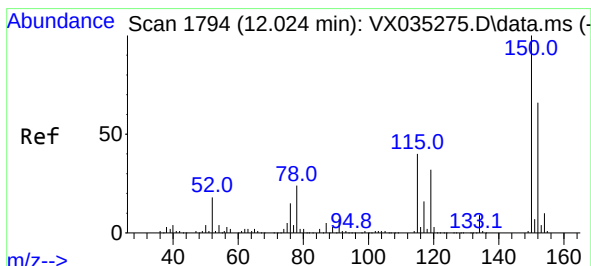
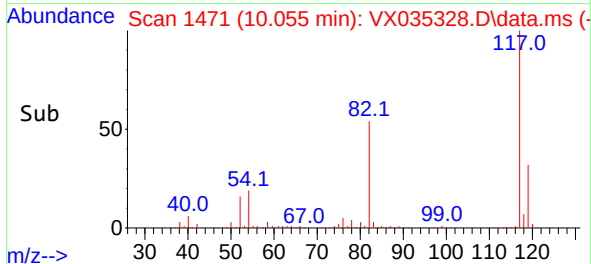
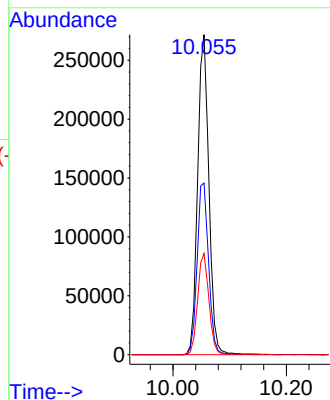
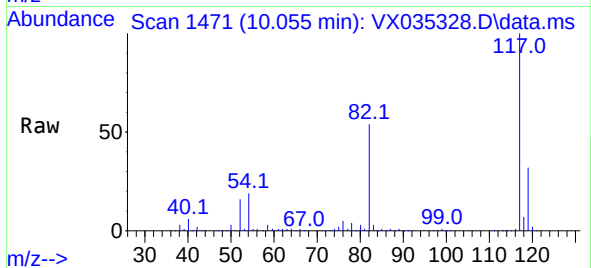




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

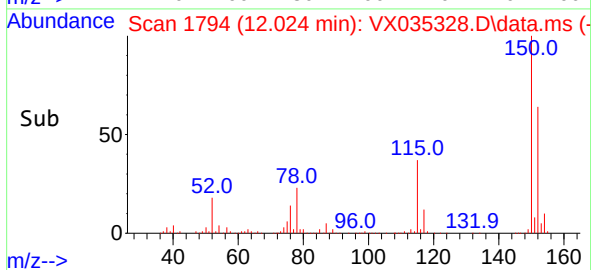
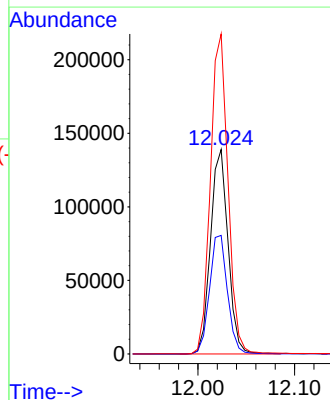
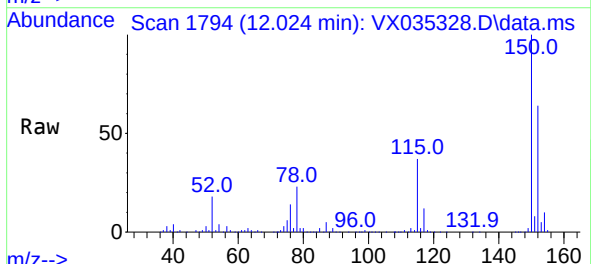
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

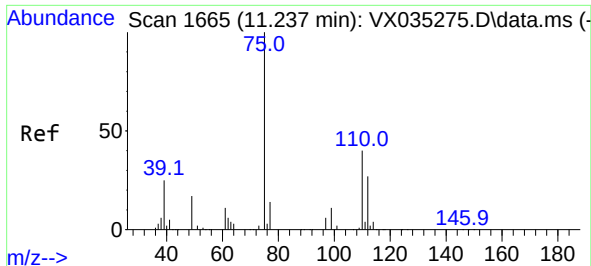
Tgt Ion:117 Resp: 373250
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 31.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

Tgt Ion:152 Resp: 175432
Ion Ratio Lower Upper
152 100
115 59.5 45.0 135.0
150 157.2 0.0 352.4

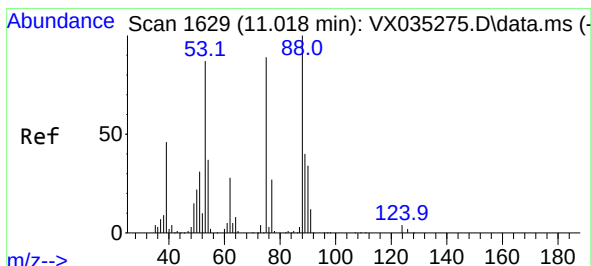
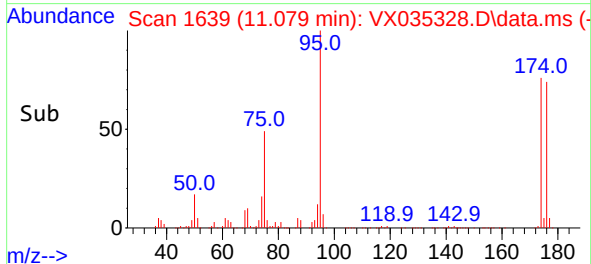
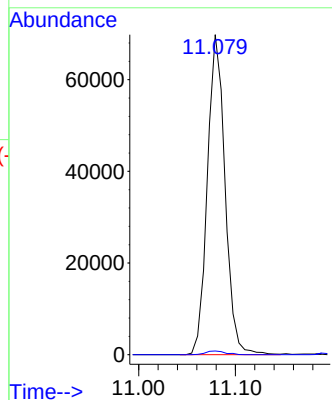
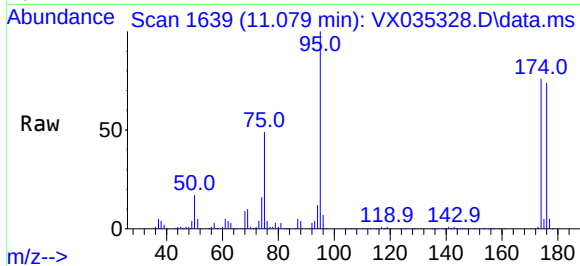




#76
1,2,3-Trichloropropane
Concen: 25.366 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

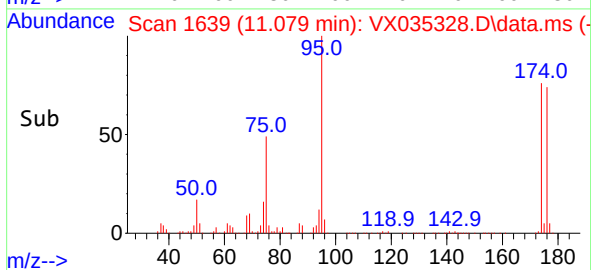
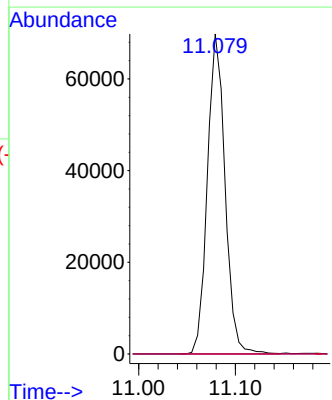
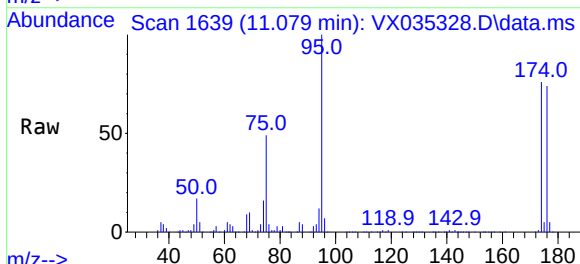
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

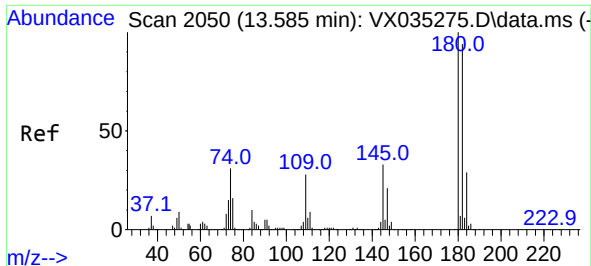
Tgt Ion: 75 Resp: 88767
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.155 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

Tgt Ion: 75 Resp: 88767
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

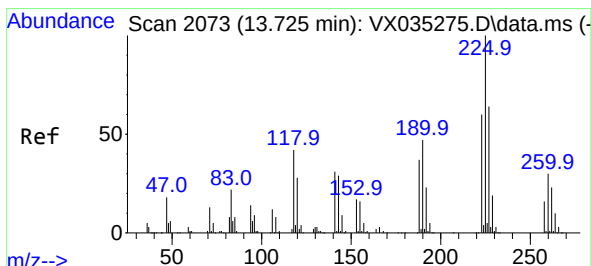
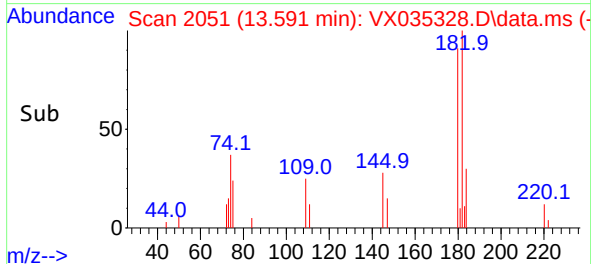
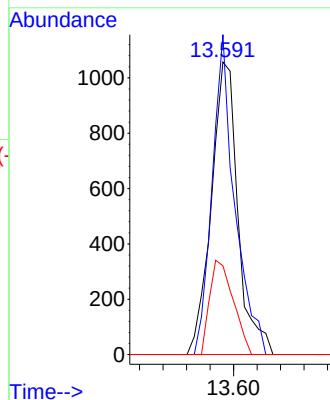
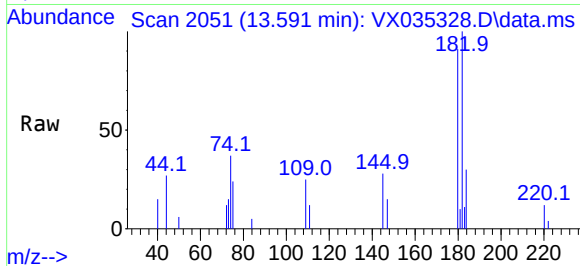




#93
1,2,4-Trichlorobenzene
Concen: 0.437 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

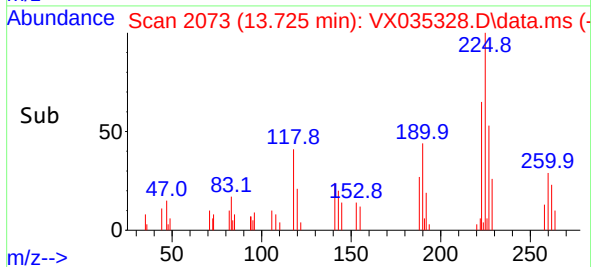
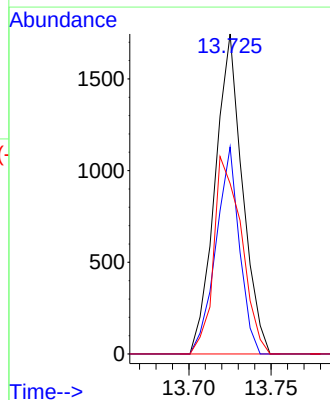
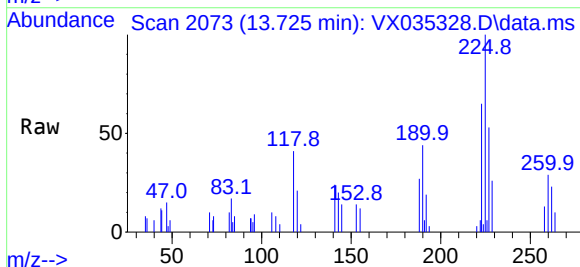
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

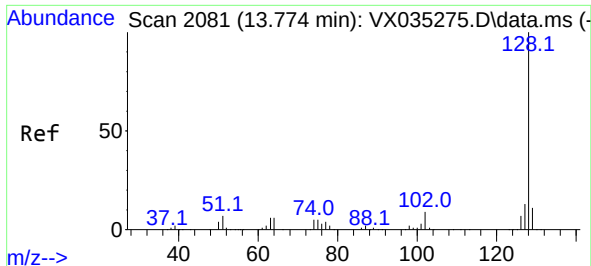
Tgt Ion:180 Resp: 1665
Ion Ratio Lower Upper
180 100
182 92.7 47.0 141.0
145 28.5 15.9 47.7



#94
Hexachlorobutadiene
Concen: 1.210 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

Tgt Ion:225 Resp: 2022
Ion Ratio Lower Upper
225 100
223 55.4 32.1 96.5
227 62.5 31.8 95.4

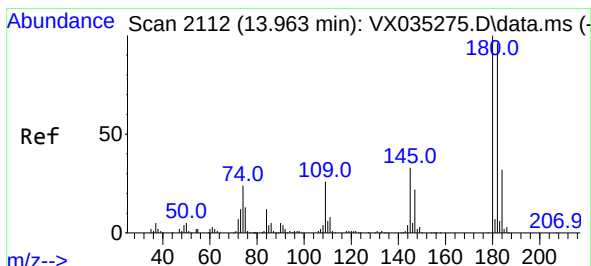
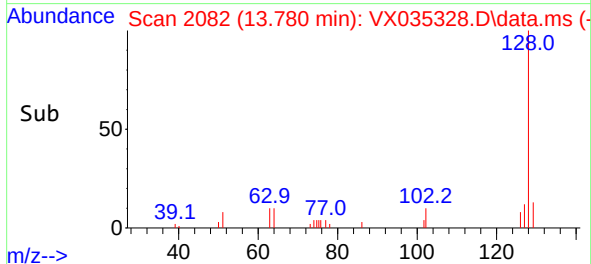
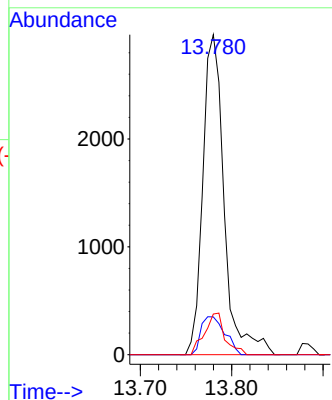
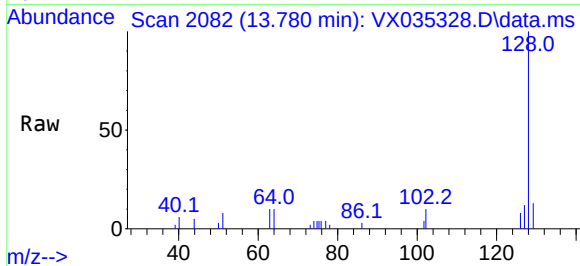




#95
Naphthalene
Concen: 0.409 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

Tgt Ion:	128	Resp:	4794
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	12.5	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.450 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035328.D
Acq: 27 Apr 2023 10:06

Tgt Ion:	180	Resp:	1725
Ion	Ratio	Lower	Upper
180	100		
182	101.9	48.0	144.2
145	36.3	17.7	53.1

