

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034827.D
 Acq On : 29 Mar 2023 14:50
 Operator : JC/MD
 Sample : VX0329WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBL01

Quant Time: Mar 30 06:28:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 05:38:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	270934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	461151	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	410367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	192491	46.456	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.920%		
35) Dibromofluoromethane	5.379	113	144060	47.231	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.460%		
50) Toluene-d8	8.647	98	559479	49.695	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.380%		
62) 4-Bromofluorobenzene	11.079	95	206013	47.287	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.580%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.922	59	863	1.187	ug/l #	73
16) Acetone	2.386	43	636	0.378	ug/l	100
17) Carbon Disulfide	2.508	76	1827	0.262	ug/l #	88
20) Methylene Chloride	2.788	84	1110	0.334	ug/l #	80
31) Cyclohexane	5.544	56	7091	1.405	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	24782	5.484	ug/l #	50
38) Carbon Tetrachloride	5.544	117	28829	6.767	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2685	0.574	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	111162	26.069	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	111162	88.239	ug/l #	8
94) Hexachlorobutadiene	13.725	225	1476	0.957	ug/l	96

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

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QLast Update : Thu Mar 30 05:38:28 2023
Response via : Initial Calibration

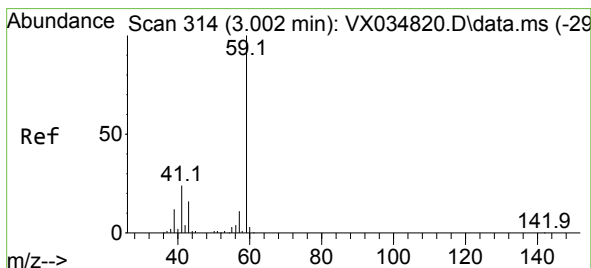
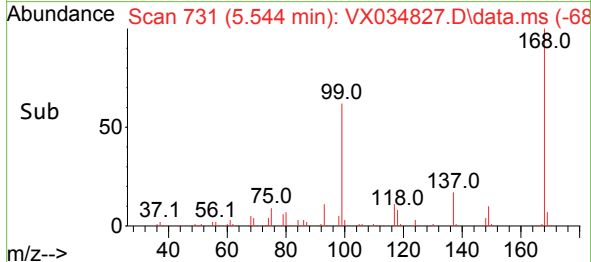
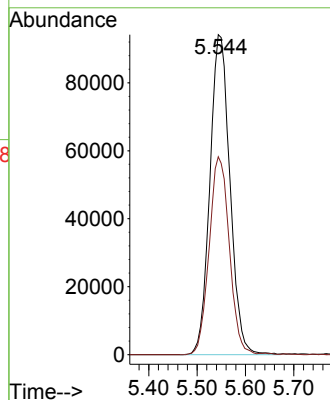
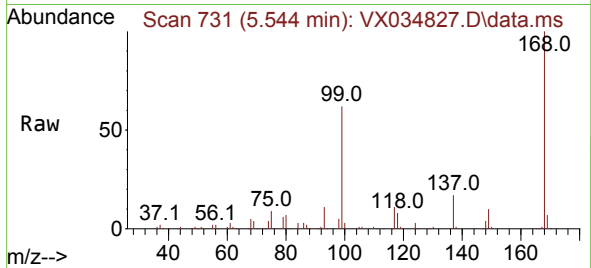




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034827.D
Acq: 29 Mar 2023 14:50

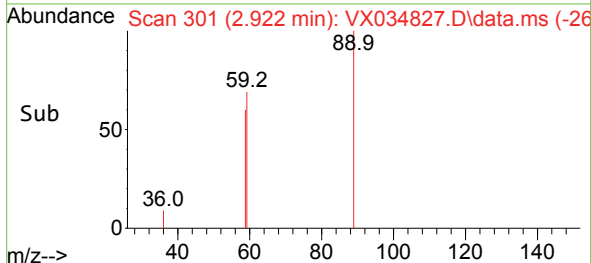
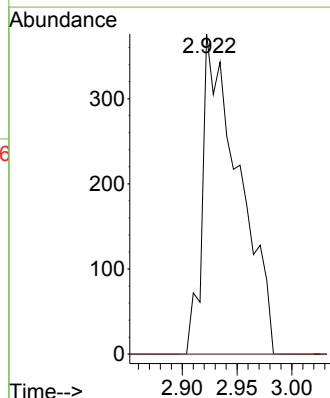
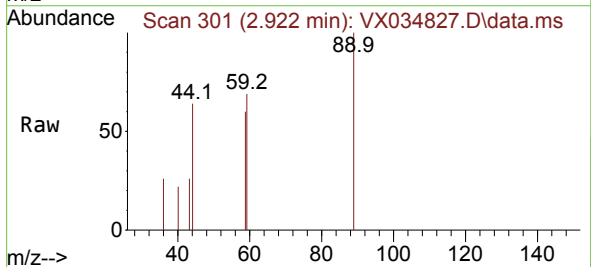
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

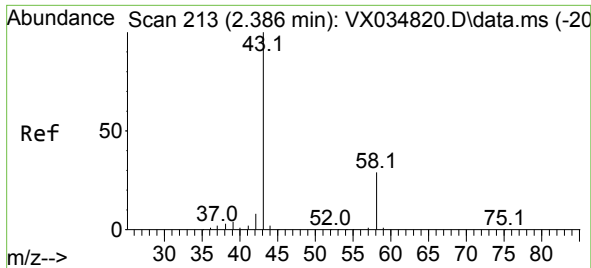
Tgt Ion:168 Resp: 270934
Ion Ratio Lower Upper
168 100
99 61.9 45.7 68.5



#11
Tert butyl alcohol
Concen: 1.187 ug/l
RT: 2.922 min Scan# 301
Delta R.T. -0.079 min
Lab File: VX034827.D
Acq: 29 Mar 2023 14:50

Tgt Ion: 59 Resp: 863
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

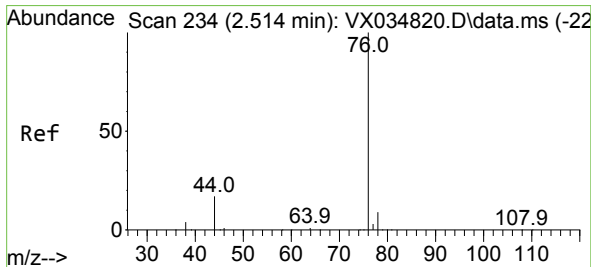
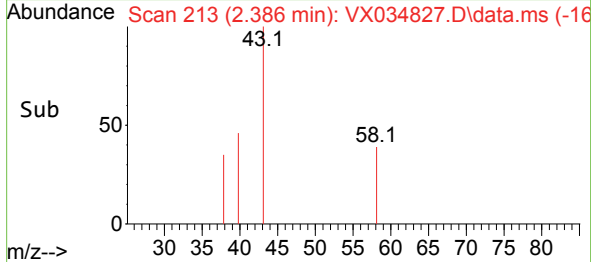
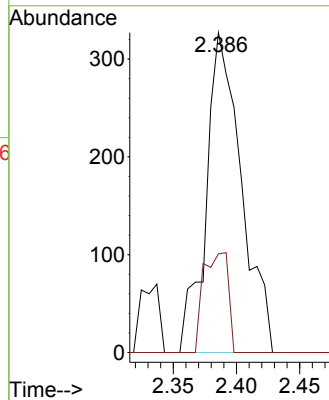
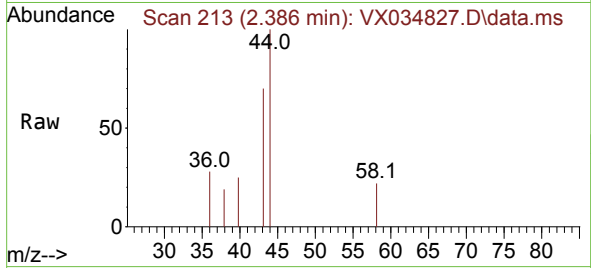




#16
Acetone
Concen: 0.378 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034827.D
Acq: 29 Mar 2023 14:50

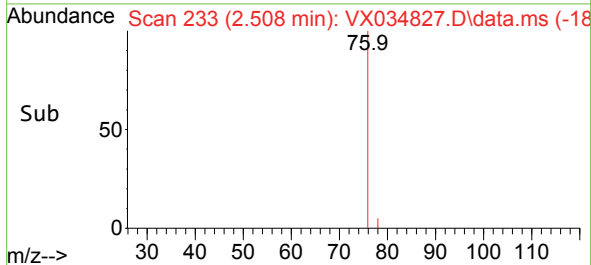
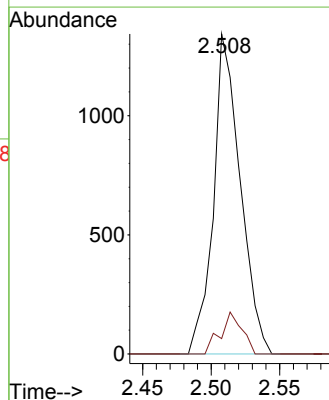
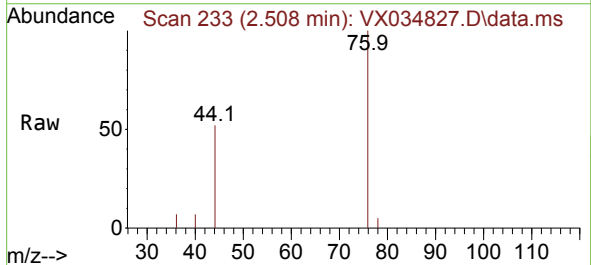
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

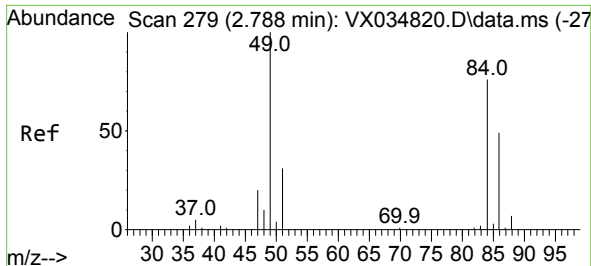
Tgt Ion: 43 Resp: 636
Ion Ratio Lower Upper
43 100
58 30.9 24.7 37.1



#17
Carbon Disulfide
Concen: 0.262 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX034827.D
Acq: 29 Mar 2023 14:50

Tgt Ion: 76 Resp: 1827
Ion Ratio Lower Upper
76 100
78 4.8 7.2 10.8#

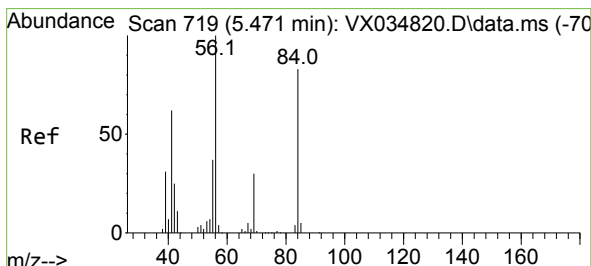
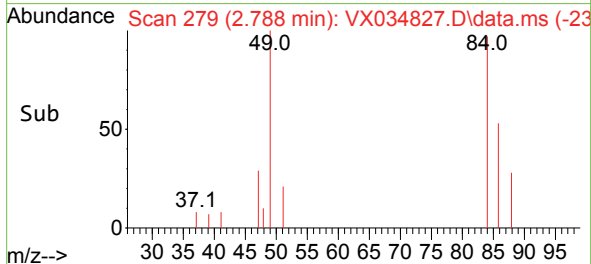
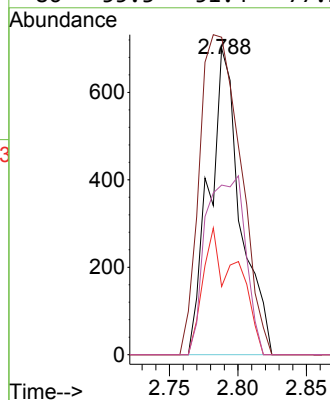
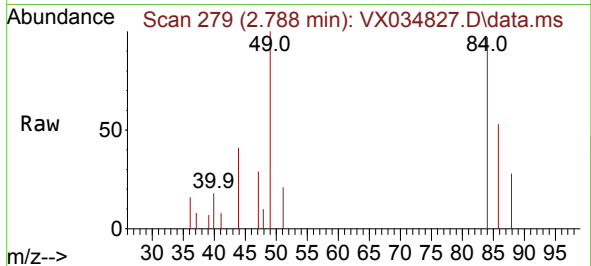




#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 2.788 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034827.D
Acq: 29 Mar 2023 14:50

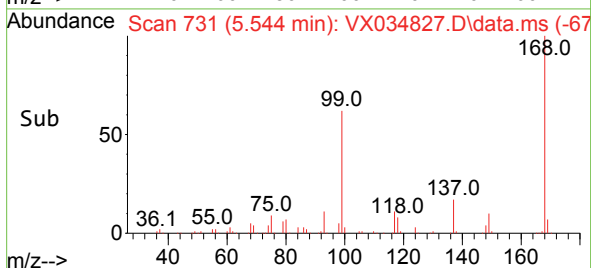
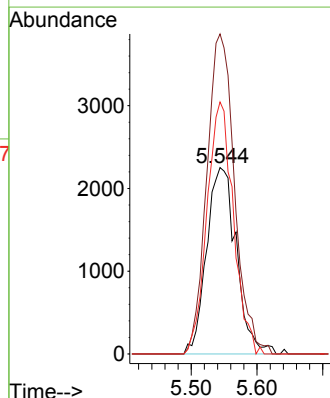
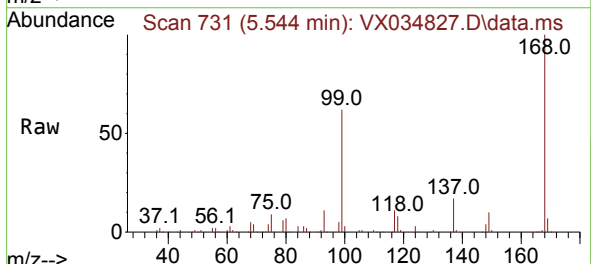
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

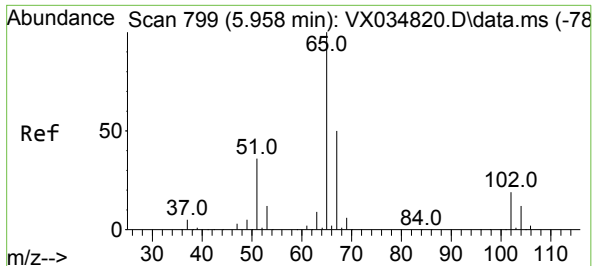
Tgt Ion:	84	Resp:	1110
Ion	Ratio	Lower	Upper
84	100		
49	103.6	103.8	155.8#
51	22.3	31.8	47.8#
86	55.3	51.4	77.2



#31
Cyclohexane
Concen: 1.405 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX034827.D
Acq: 29 Mar 2023 14:50

Tgt Ion:	56	Resp:	7091
Ion	Ratio	Lower	Upper
56	100		
69	171.6	23.7	35.5#
84	135.2	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 46.456 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034827.D

Acq: 29 Mar 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

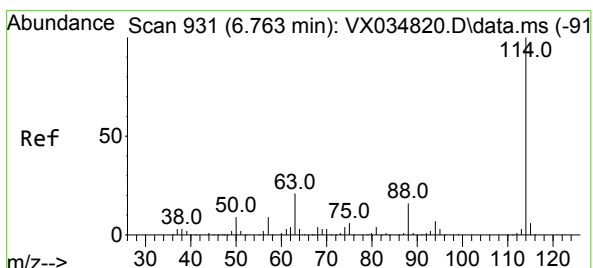
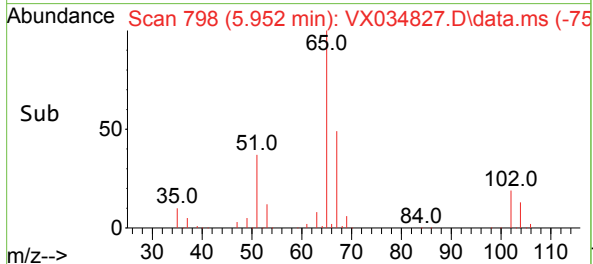
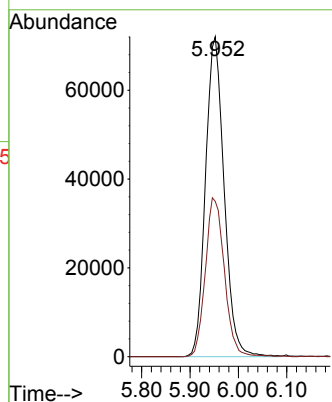
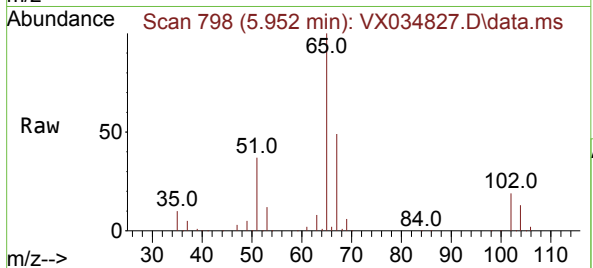
VX0329WBL01

Tgt Ion: 65 Resp: 192491

Ion Ratio Lower Upper

65 100

67 50.8 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: VX034827.D

Acq: 29 Mar 2023 14:50

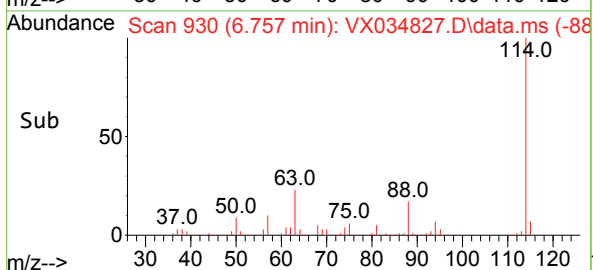
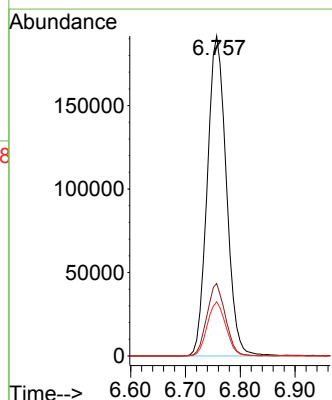
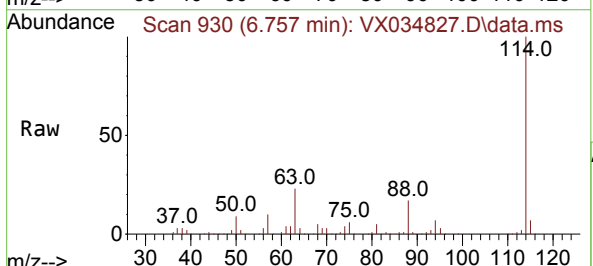
Tgt Ion: 114 Resp: 461151

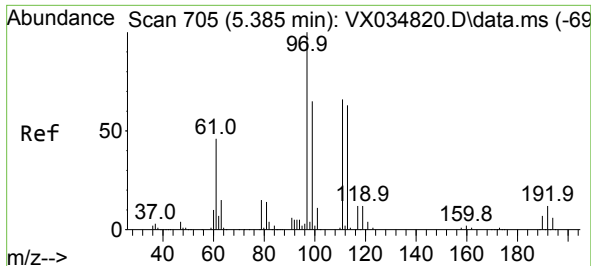
Ion Ratio Lower Upper

114 100

63 22.7 0.0 42.2

88 16.9 0.0 33.2

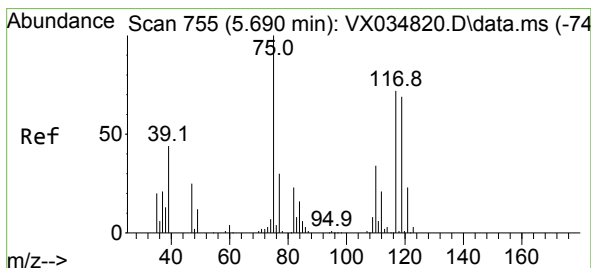
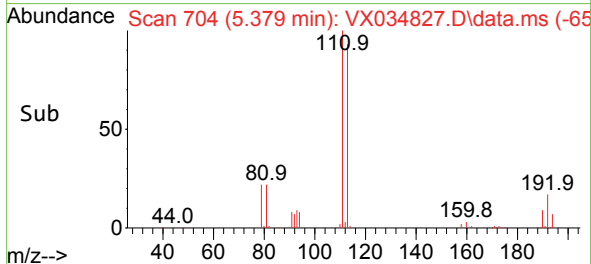
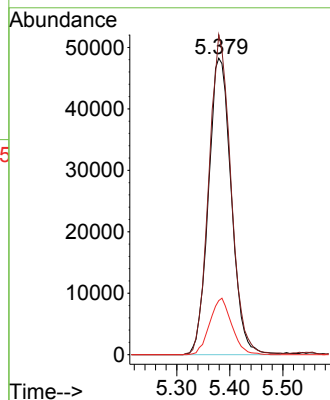
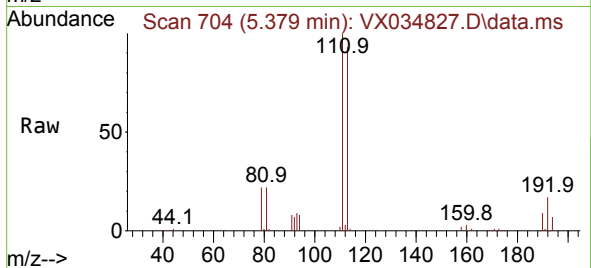




#35
Dibromofluoromethane
Concen: 47.231 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034827.D
Acq: 29 Mar 2023 14:50

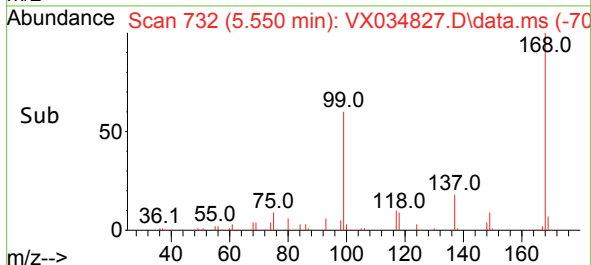
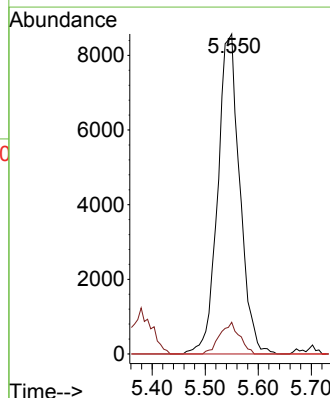
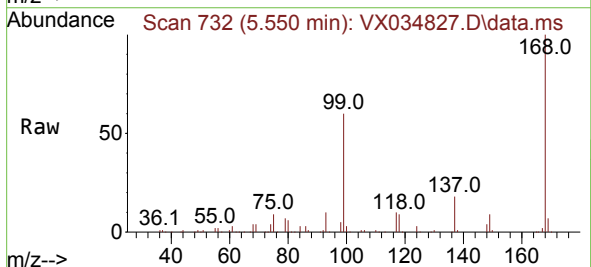
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

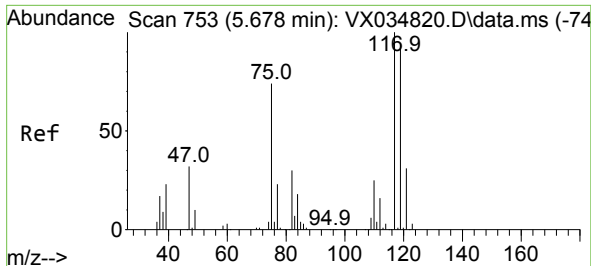
Tgt Ion:113 Resp: 144060
Ion Ratio Lower Upper
113 100
111 104.3 83.7 125.5
192 18.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.484 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034827.D
Acq: 29 Mar 2023 14:50

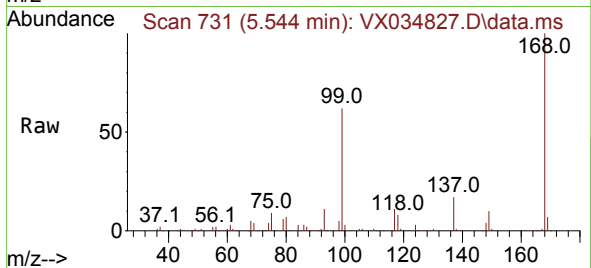
Tgt Ion: 75 Resp: 24782
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.3 36.5#



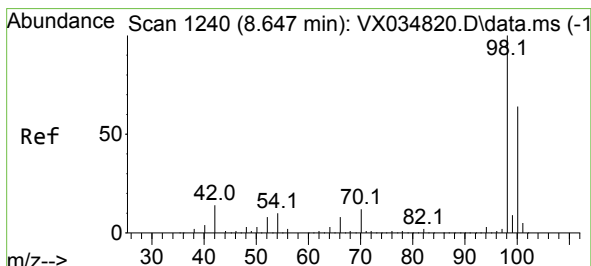
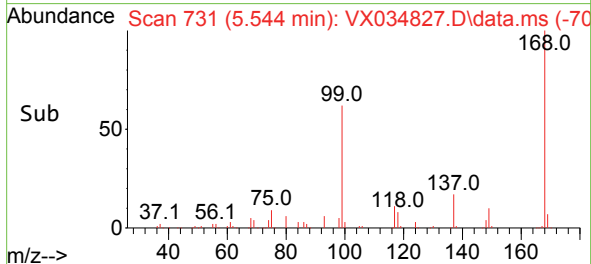
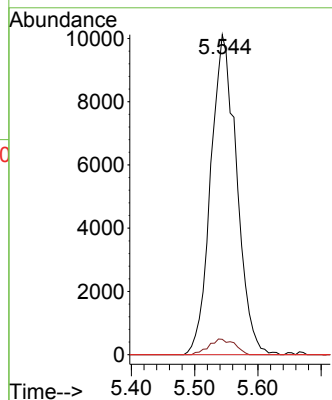


#38
Carbon Tetrachloride
Concen: 6.767 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034827.D
Acq: 29 Mar 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

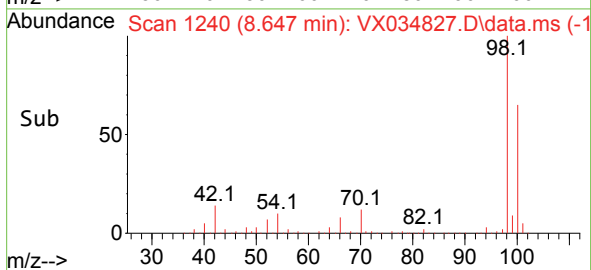
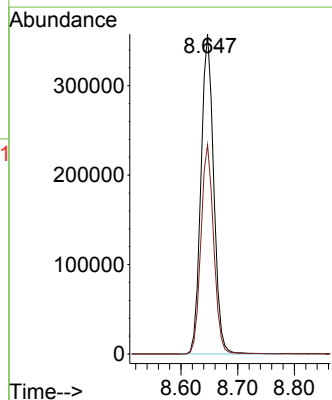
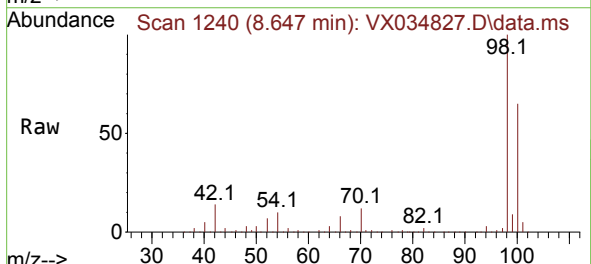


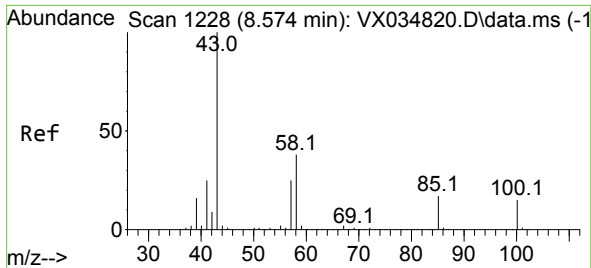
Tgt Ion:117 Resp: 28829
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.695 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034827.D
Acq: 29 Mar 2023 14:50

Tgt Ion: 98 Resp: 559479
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

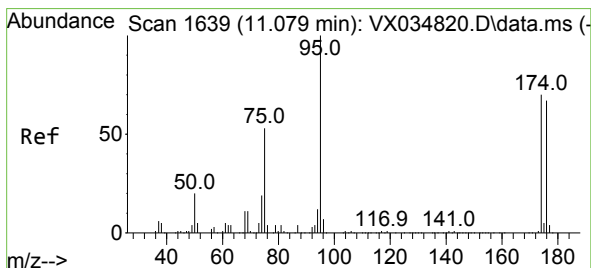
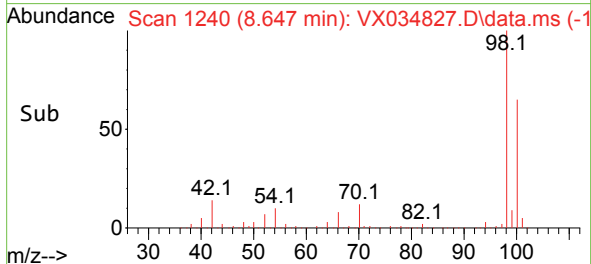
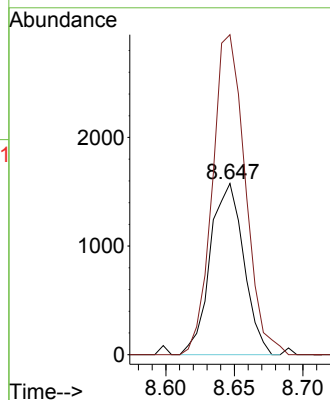
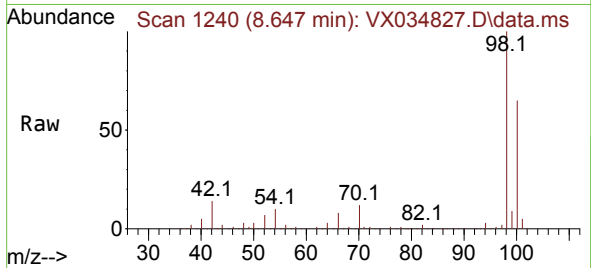




#51
4-Methyl-2-Pentanone
Concen: 0.574 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX034827.D
Acq: 29 Mar 2023 14:50

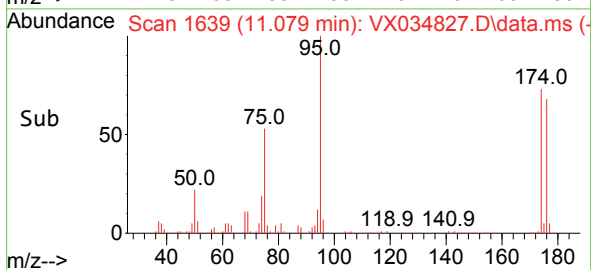
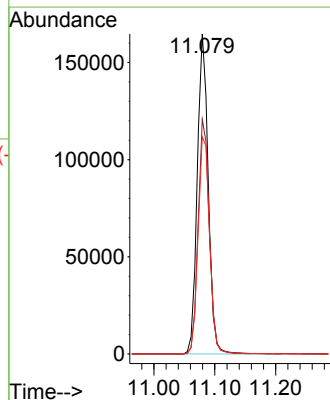
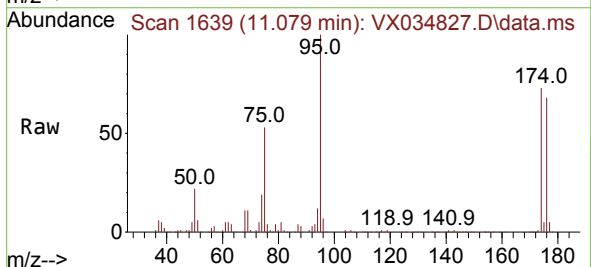
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

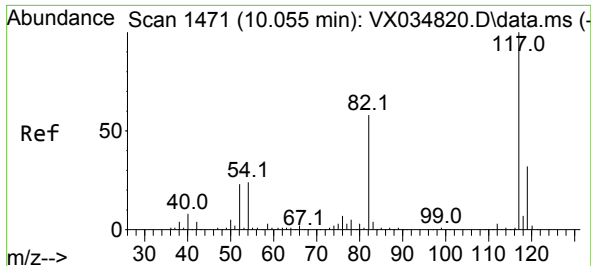
Tgt Ion: 43 Resp: 2685
Ion Ratio Lower Upper
43 100
58 182.9 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 47.287 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034827.D
Acq: 29 Mar 2023 14:50

Tgt Ion: 95 Resp: 206013
Ion Ratio Lower Upper
95 100
174 74.5 0.0 147.4
176 70.9 0.0 140.6

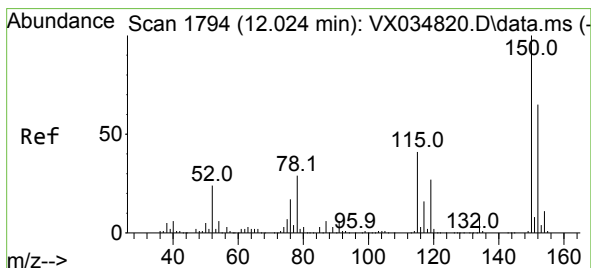
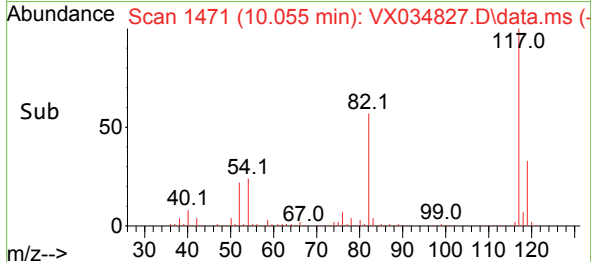
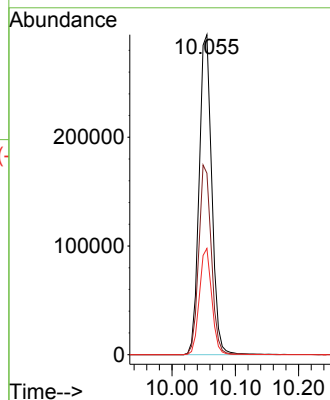
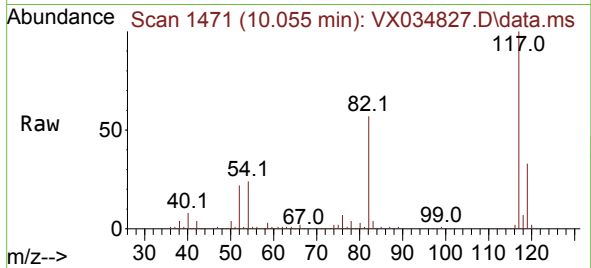




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034827.D
Acq: 29 Mar 2023 14:50

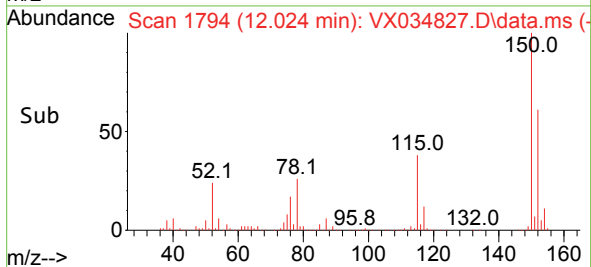
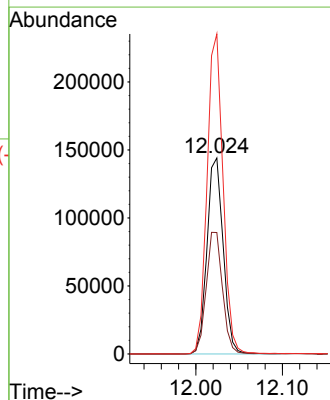
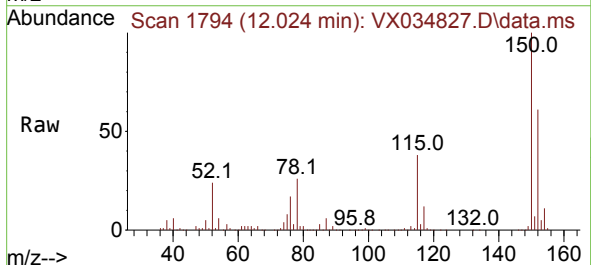
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

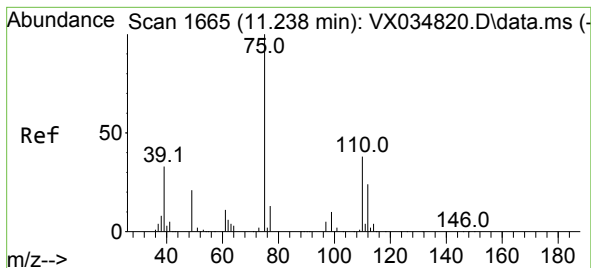
Tgt Ion:117 Resp: 410367
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.4
119 33.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034827.D
Acq: 29 Mar 2023 14:50

Tgt Ion:152 Resp: 187376
Ion Ratio Lower Upper
152 100
115 62.6 45.0 135.0
150 160.5 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 26.069 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034827.D

Acq: 29 Mar 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

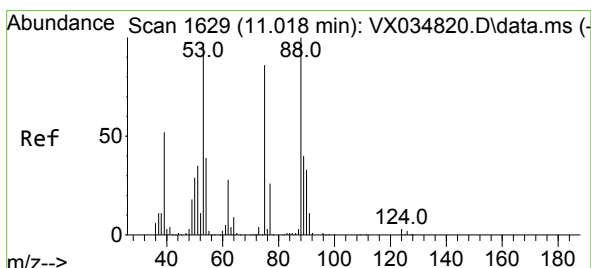
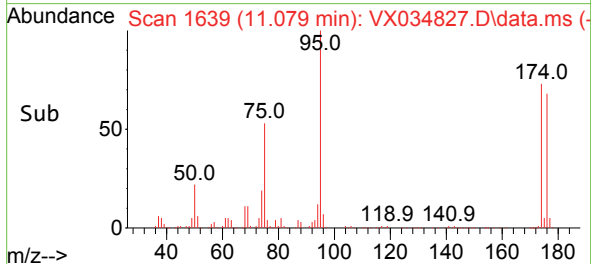
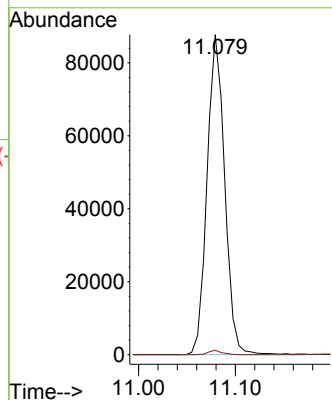
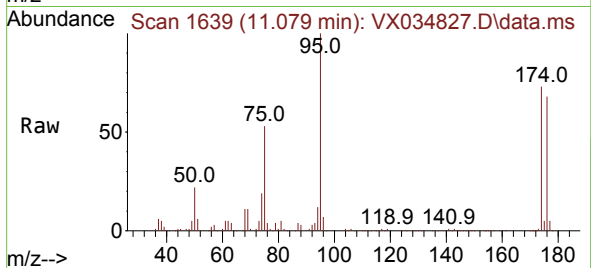
VX0329WBL01

Tgt Ion: 75 Resp: 111162

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.239 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034827.D

Acq: 29 Mar 2023 14:50

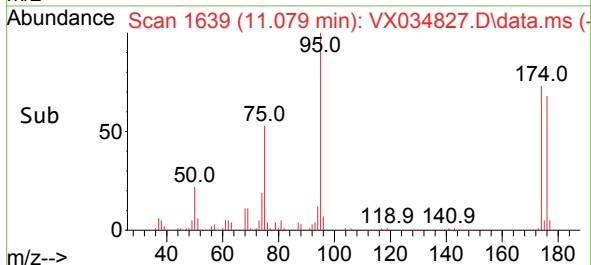
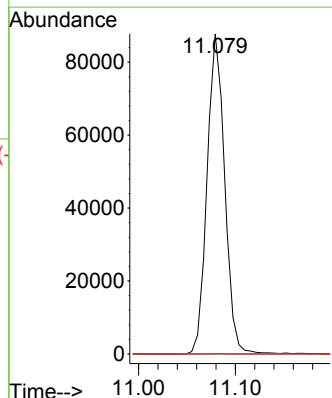
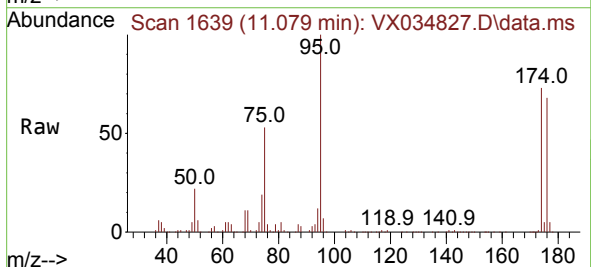
Tgt Ion: 75 Resp: 111162

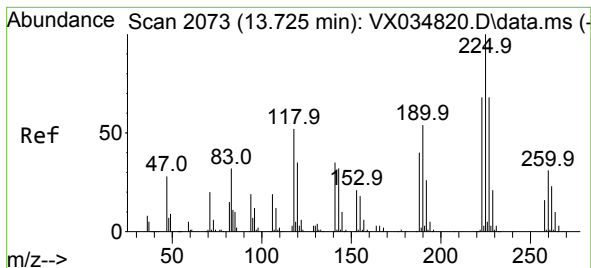
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.1 36.9 55.3#





#94

Hexachlorobutadiene

Concen: 0.957 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX034827.D

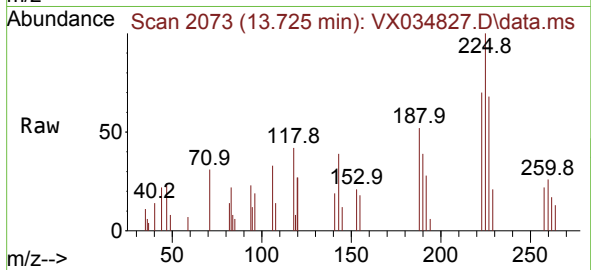
Acq: 29 Mar 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBL01



Tgt Ion:225 Resp: 1476

Ion Ratio Lower Upper

225 100

223 63.9 32.1 96.5

227 68.7 31.8 95.4

