

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034830.D
 Acq On : 29 Mar 2023 15:59
 Operator : JC/MD
 Sample : 02124-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E9074-PVSC-001

Quant Time: Mar 30 06:30:38 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)

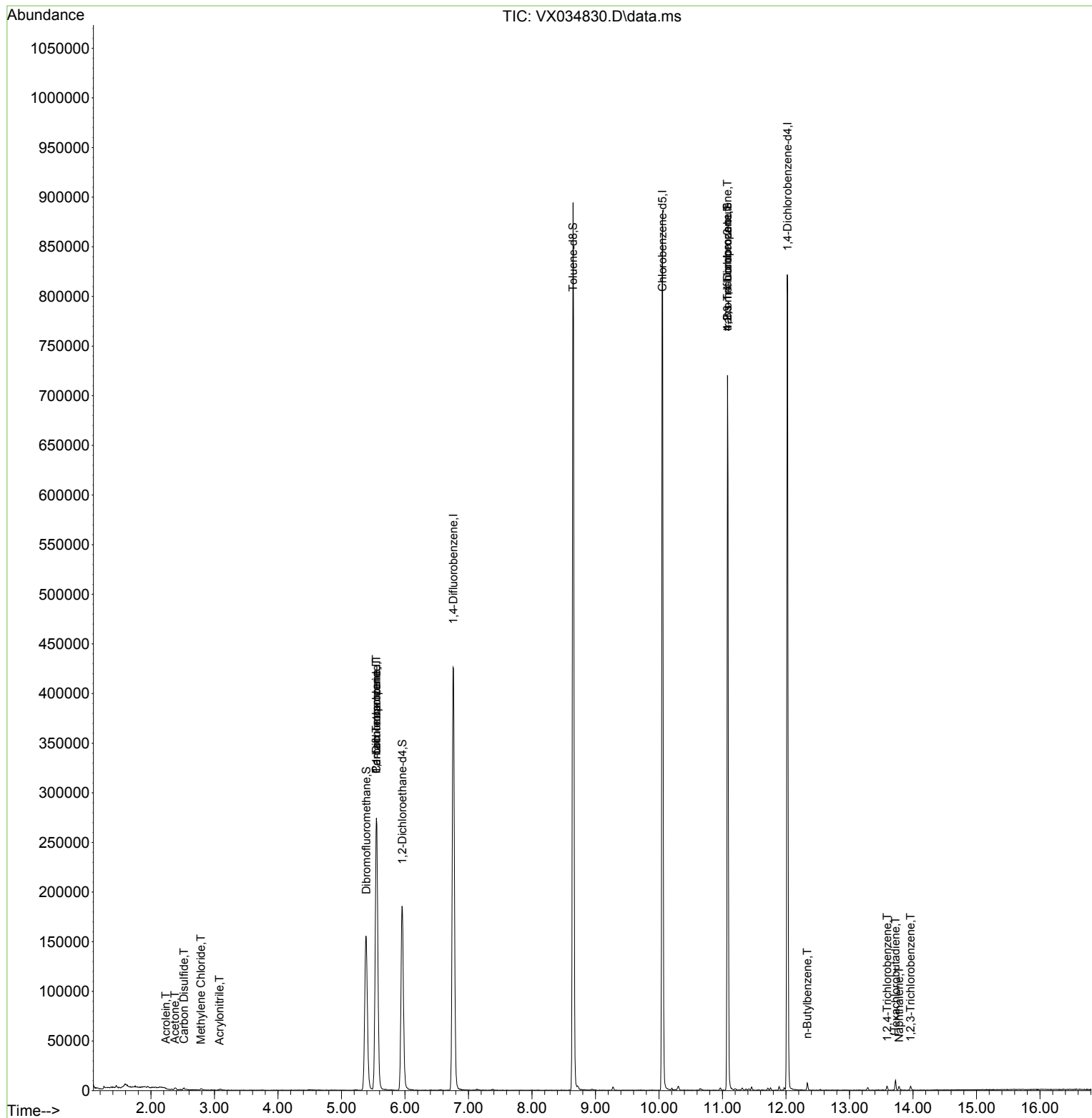
Internal Standards						
1) Pentafluorobenzene	5.550	168	254954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	431920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	382274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	183153	46.973	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.940%
35) Dibromofluoromethane	5.391	113	136016	47.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.220%
50) Toluene-d8	8.647	98	517058	49.035	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.079	95	186520	45.710	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.420%
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	196	0.278	ug/l #	1
15) Acrylonitrile	3.081	53	409	0.266	ug/l	89
16) Acetone	2.380	43	2029	1.281	ug/l	90
17) Carbon Disulfide	2.520	76	2149	0.328	ug/l #	88
20) Methylene Chloride	2.788	84	658	0.211	ug/l #	76
36) 1,1-Dichloropropene	5.550	75	21964	5.189	ug/l #	51
38) Carbon Tetrachloride	5.550	117	26479	6.636	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	100343	26.350	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	100343	89.191	ug/l #	8
89) n-Butylbenzene	12.335	91	2655	0.311	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	1179	0.376	ug/l	93
94) Hexachlorobutadiene	13.725	225	1292	0.938	ug/l	90
95) Naphthalene	13.780	128	2594	0.233	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	982	0.311	ug/l	89

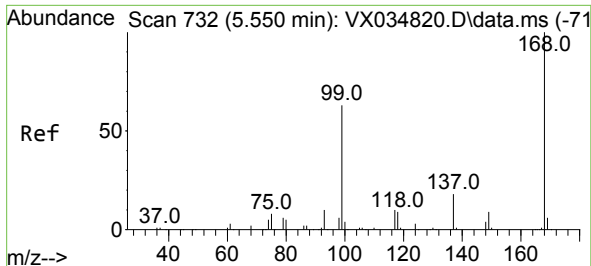
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
Data File : VX034830.D
Acq On : 29 Mar 2023 15:59
Operator : JC/MD
Sample : 02124-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E9074-PVSC-001

Quant Time: Mar 30 06:30:38 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

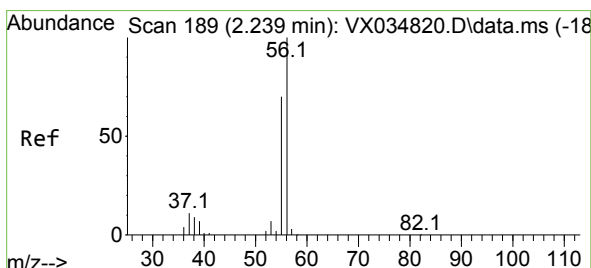
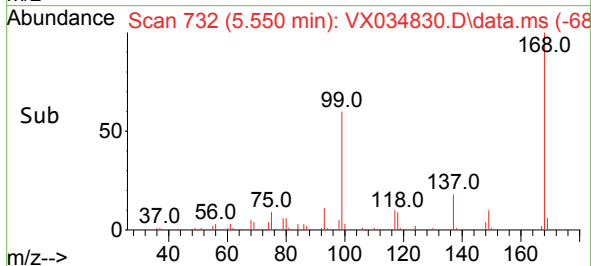
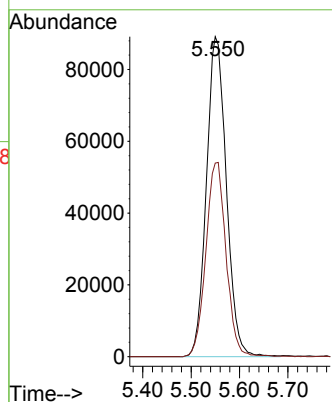
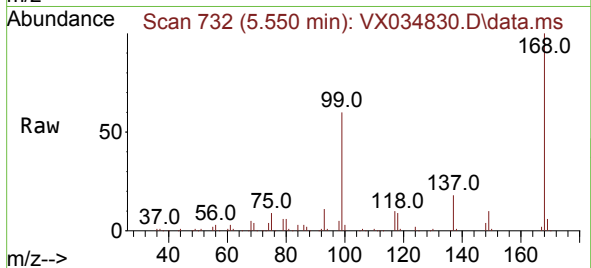




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

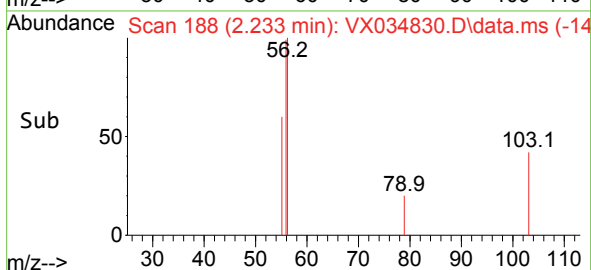
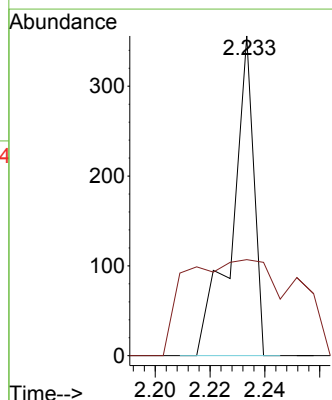
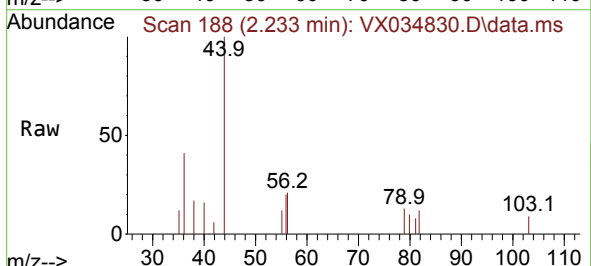
Instrument :
MSVOA_X
ClientSampleId :
E9074-PVSC-001

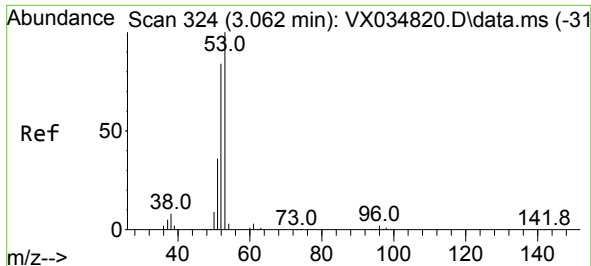
Tgt Ion:168 Resp: 254954
Ion Ratio Lower Upper
168 100
99 60.5 45.7 68.5



#13
Acrolein
Concen: 0.278 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

Tgt Ion: 56 Resp: 196
Ion Ratio Lower Upper
56 100
55 152.6 56.6 85.0#





#15

Acrylonitrile

Concen: 0.266 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.018 min

Lab File: VX034830.D

Acq: 29 Mar 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

E9074-PVSC-001

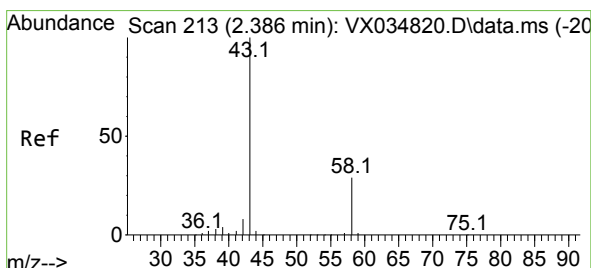
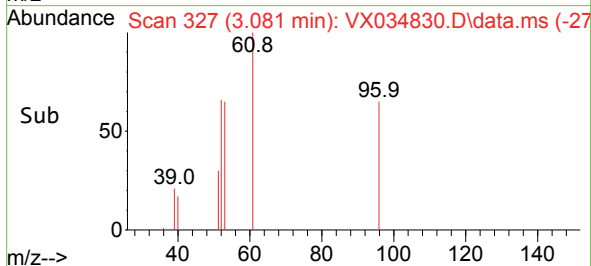
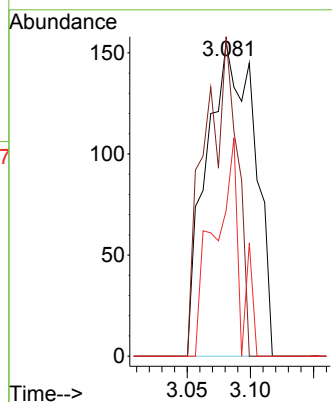
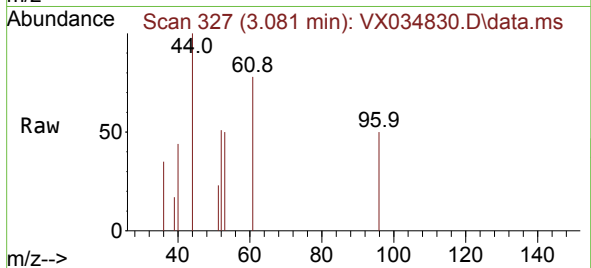
Tgt Ion: 53 Resp: 409

Ion Ratio Lower Upper

53 100

52 69.2 66.2 99.2

51 37.2 28.3 42.5



#16

Acetone

Concen: 1.281 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX034830.D

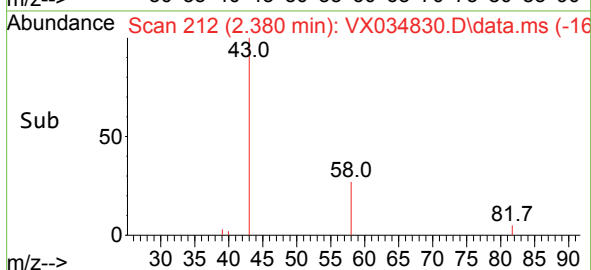
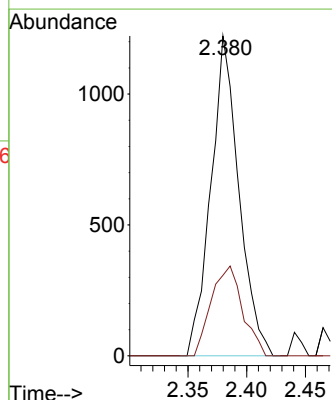
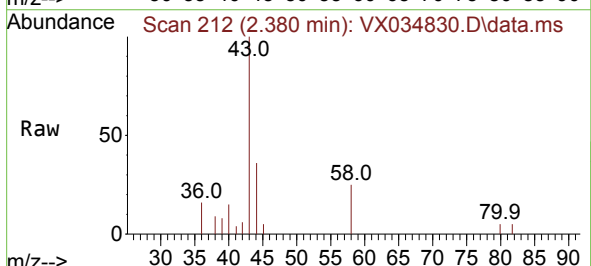
Acq: 29 Mar 2023 15:59

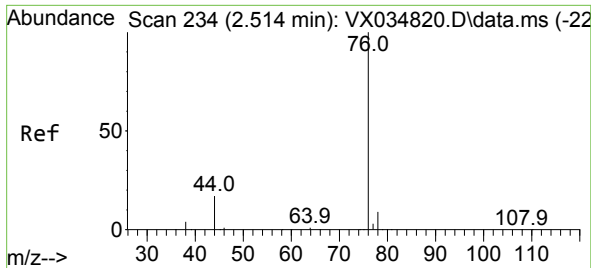
Tgt Ion: 43 Resp: 2029

Ion Ratio Lower Upper

43 100

58 25.2 24.7 37.1





#17

Carbon Disulfide

Concen: 0.328 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034830.D

Acq: 29 Mar 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

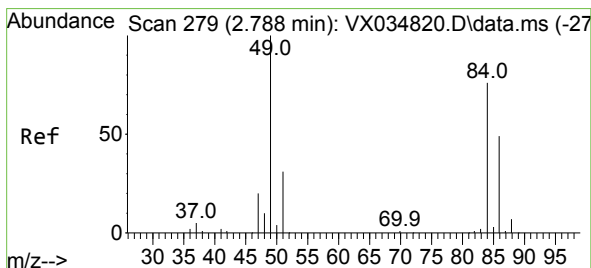
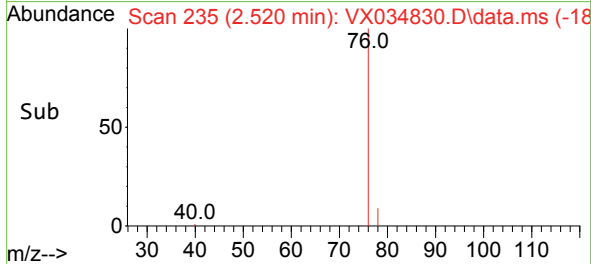
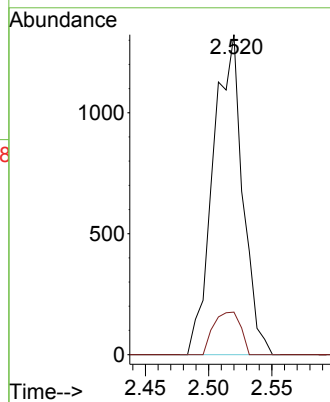
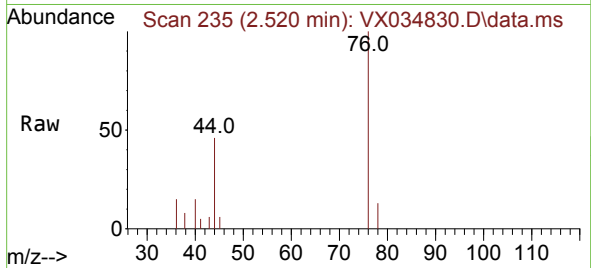
E9074-PVSC-001

Tgt Ion: 76 Resp: 2149

Ion Ratio Lower Upper

76 100

78 13.3 7.2 10.8#



#20

Methylene Chloride

Concen: 0.211 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX034830.D

Acq: 29 Mar 2023 15:59

Tgt Ion: 84 Resp: 658

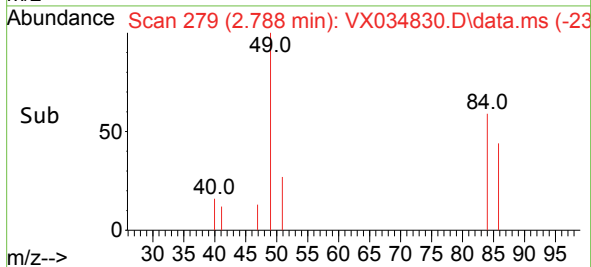
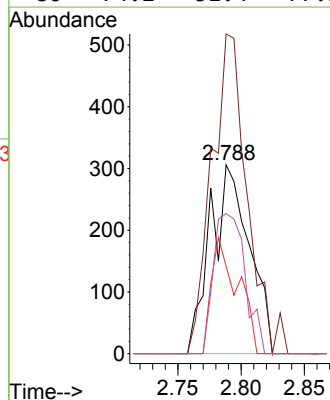
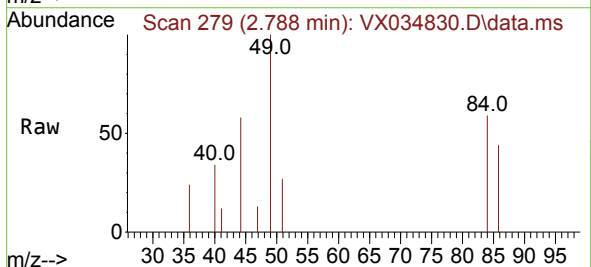
Ion Ratio Lower Upper

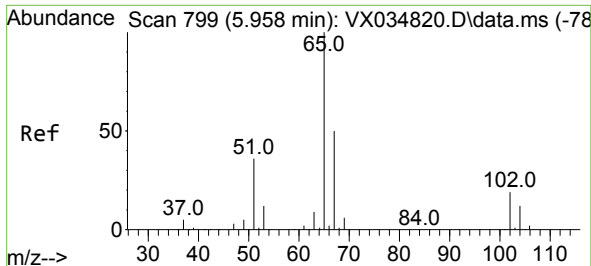
84 100

49 169.3 103.8 155.8#

51 46.4 31.8 47.8

86 74.2 51.4 77.2

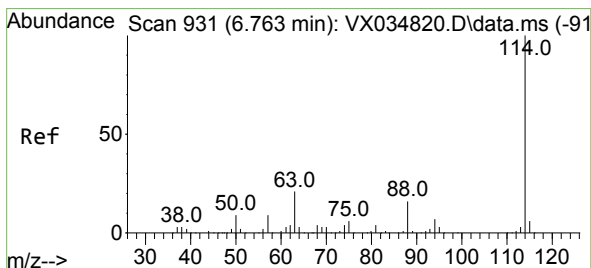
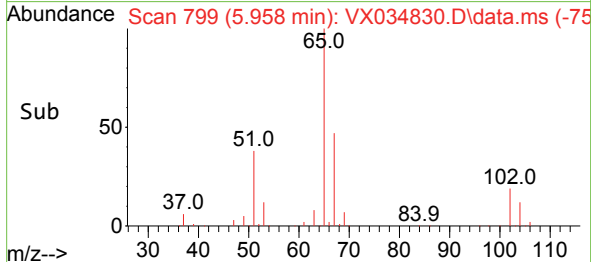
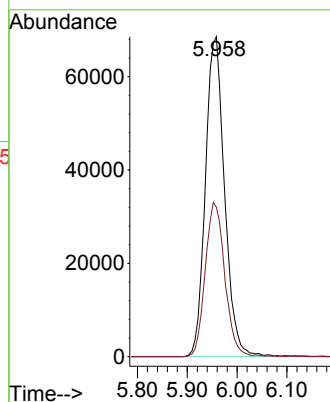
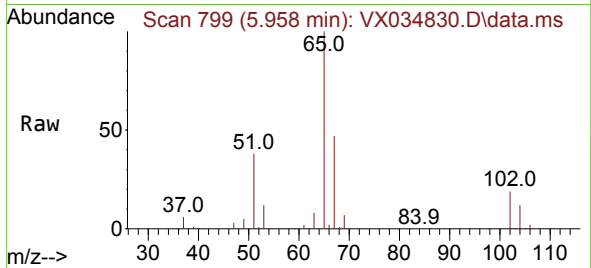




#33
1,2-Dichloroethane-d4
Concen: 46.973 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

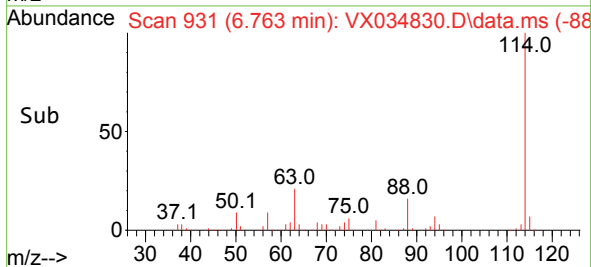
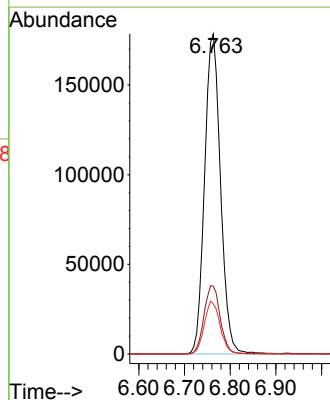
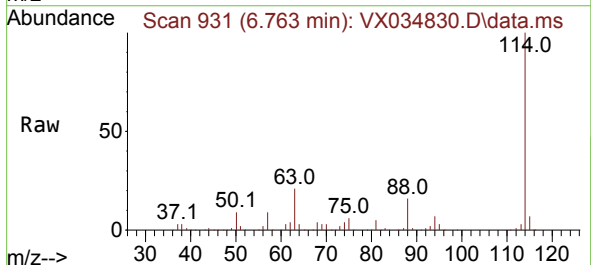
Instrument :
MSVOA_X
ClientSampleId :
E9074-PVSC-001

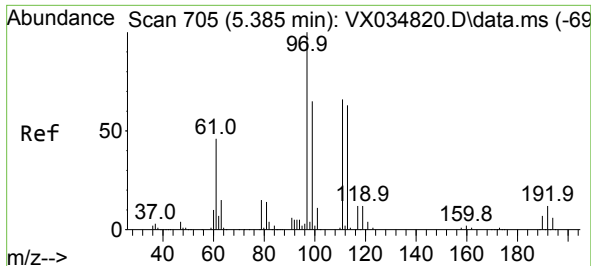
Tgt Ion: 65 Resp: 183153
Ion Ratio Lower Upper
65 100
67 49.0 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

Tgt Ion: 114 Resp: 431920
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.2
88 15.6 0.0 33.2

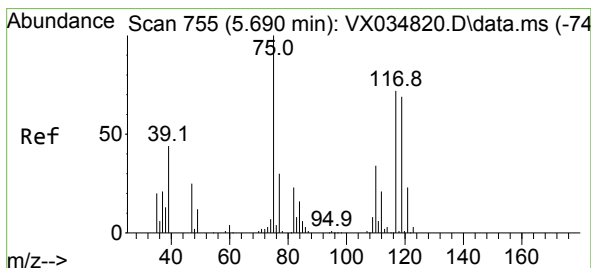
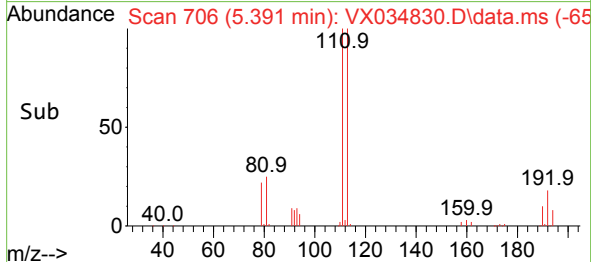
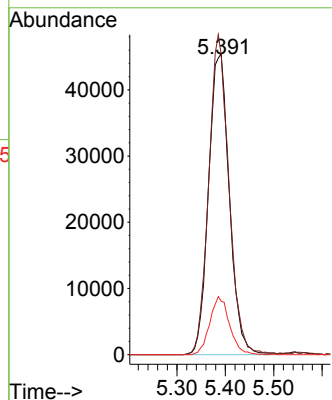
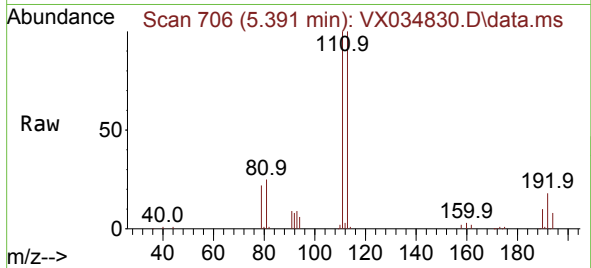




#35
Dibromofluoromethane
Concen: 47.611 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

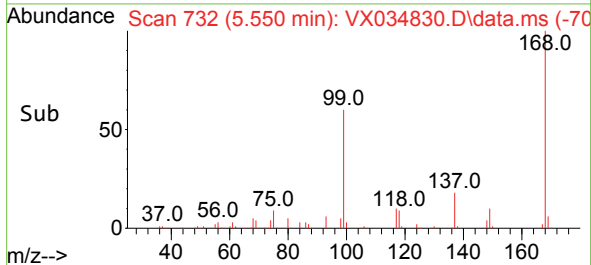
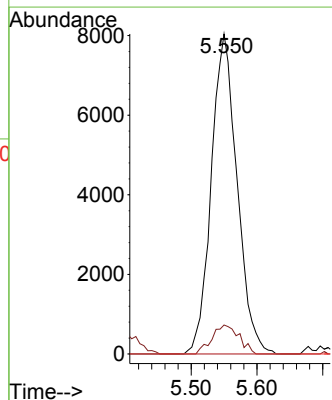
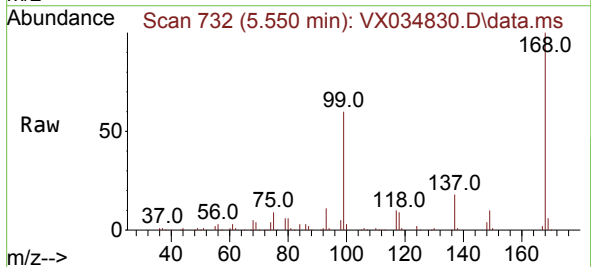
Instrument :
MSVOA_X
ClientSampleId :
E9074-PVSC-001

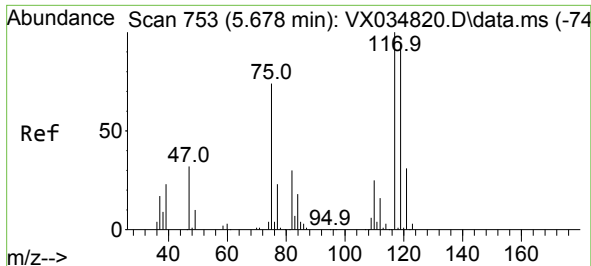
Tgt Ion:113 Resp: 136016
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 18.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.189 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

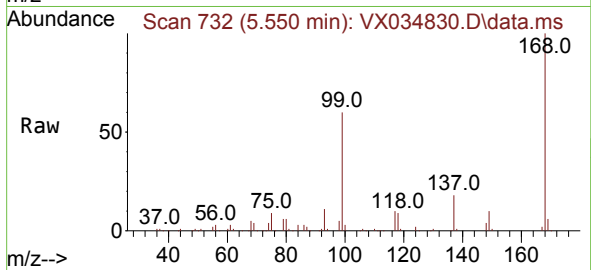
Tgt Ion: 75 Resp: 21964
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#



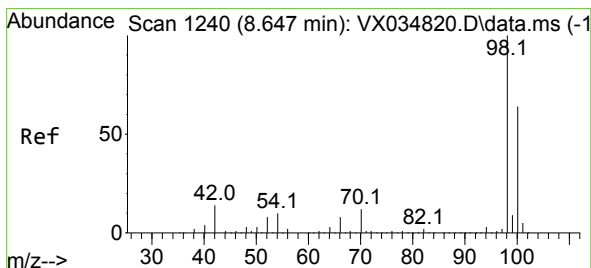
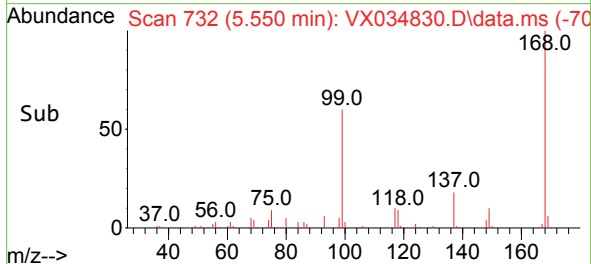
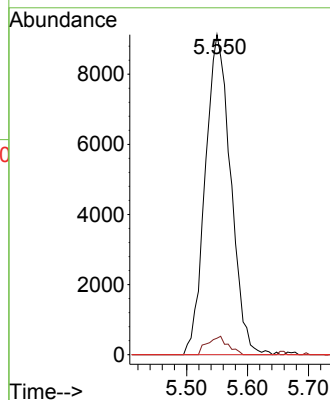


#38
Carbon Tetrachloride
Concen: 6.636 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
E9074-PVSC-001

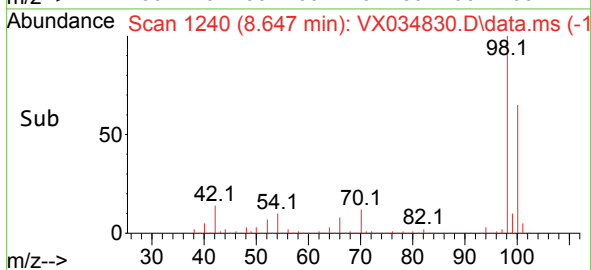
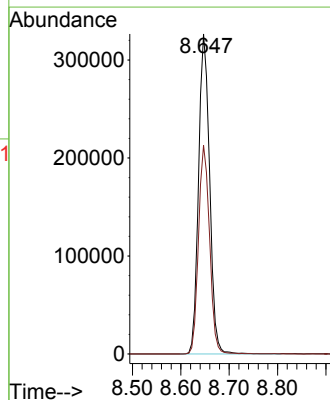
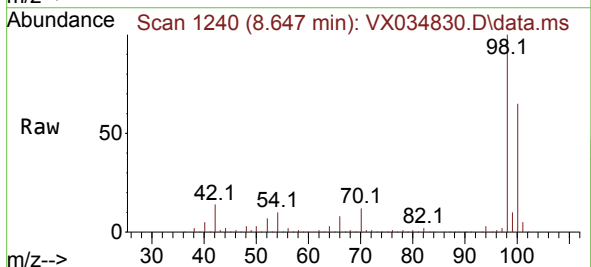


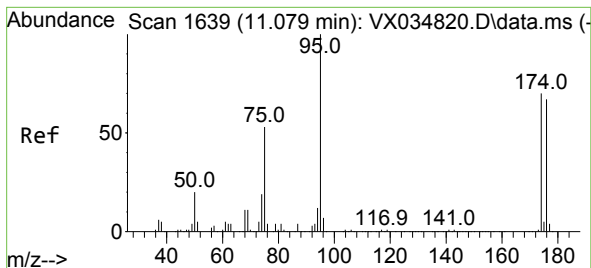
Tgt Ion:117 Resp: 26479
Ion Ratio Lower Upper
117 100
119 5.1 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.035 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

Tgt Ion: 98 Resp: 517058
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

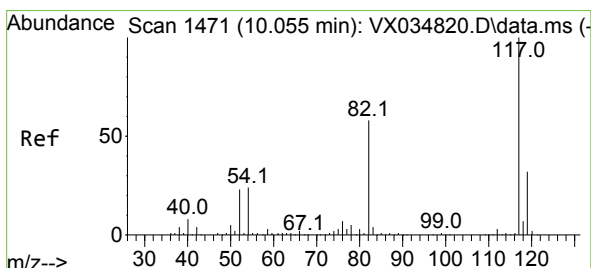
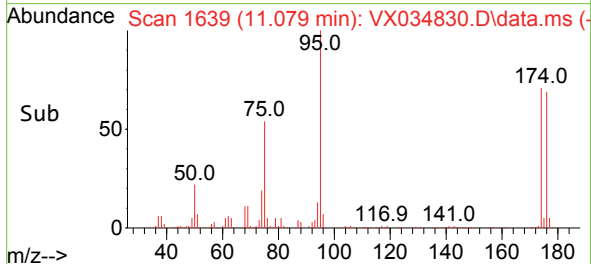
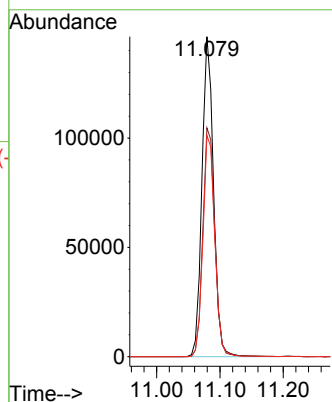
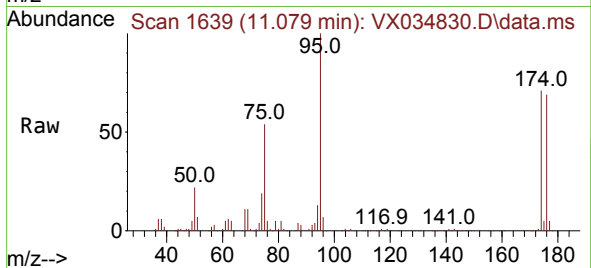




#62
4-Bromofluorobenzene
Concen: 45.710 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

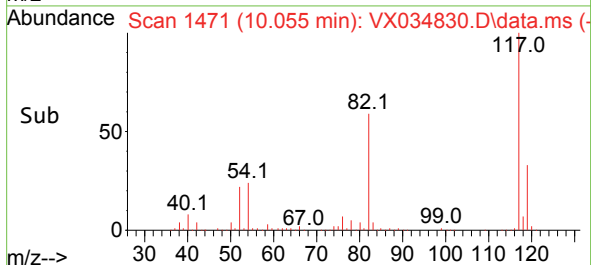
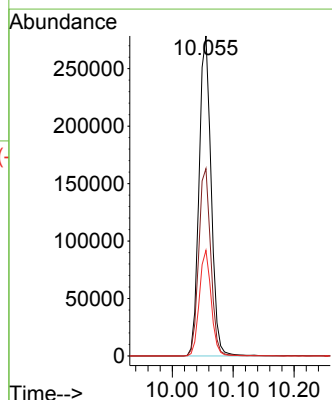
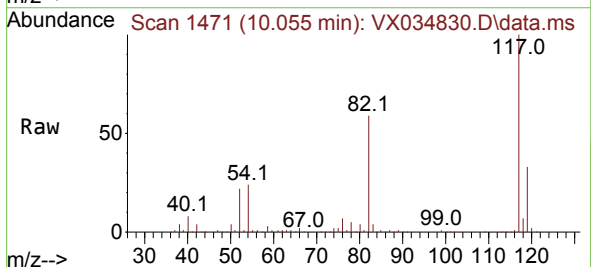
Instrument :
MSVOA_X
ClientSampleId :
E9074-PVSC-001

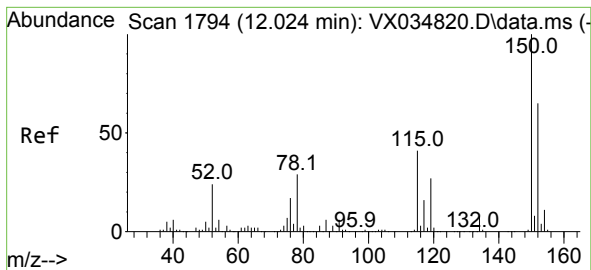
Tgt Ion: 95 Resp: 186520
Ion Ratio Lower Upper
95 100
174 73.7 0.0 147.4
176 71.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

Tgt Ion: 117 Resp: 382274
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 33.0 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: VX034830.D

Acq: 29 Mar 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

E9074-PVSC-001

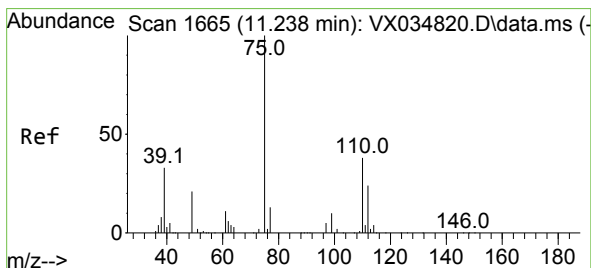
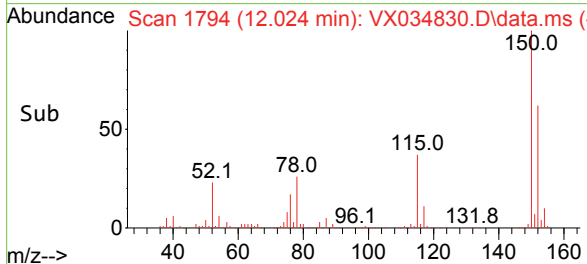
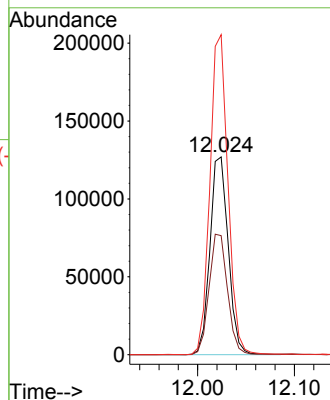
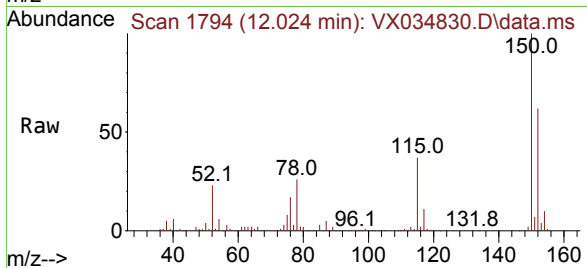
Tgt Ion:152 Resp: 167333

Ion Ratio Lower Upper

152 100

115 61.4 45.0 135.0

150 159.3 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 26.350 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034830.D

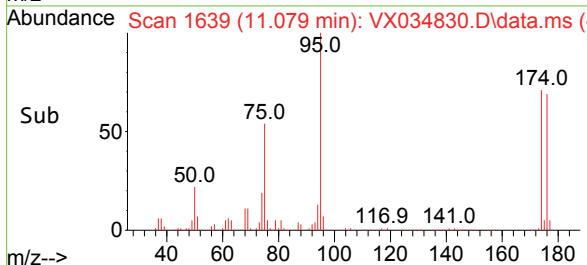
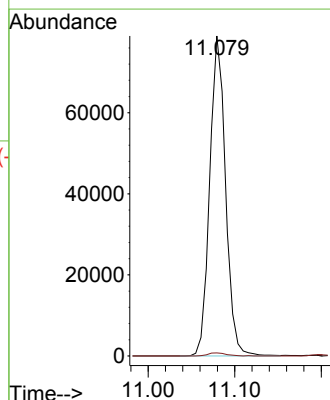
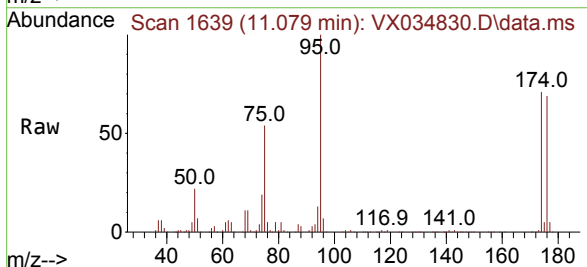
Acq: 29 Mar 2023 15:59

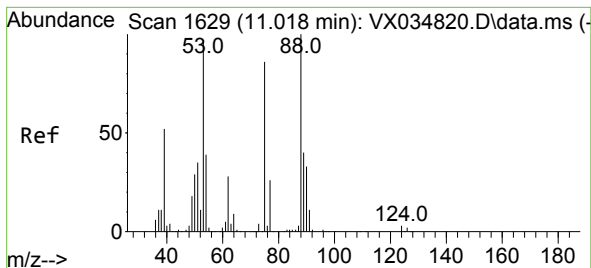
Tgt Ion: 75 Resp: 100343

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#

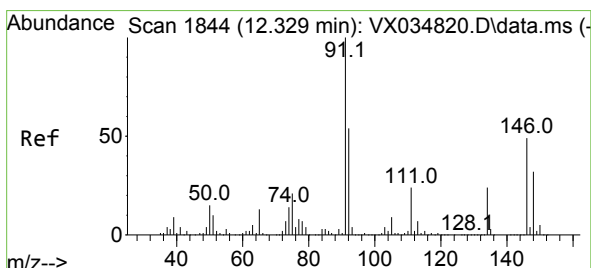
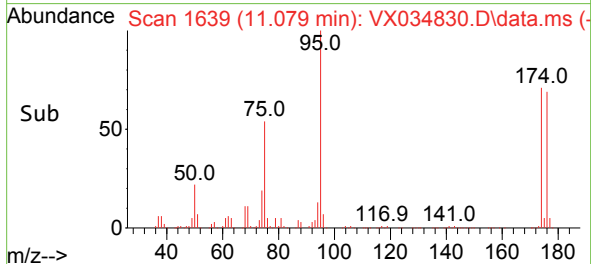
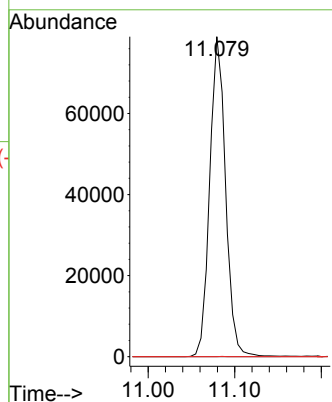
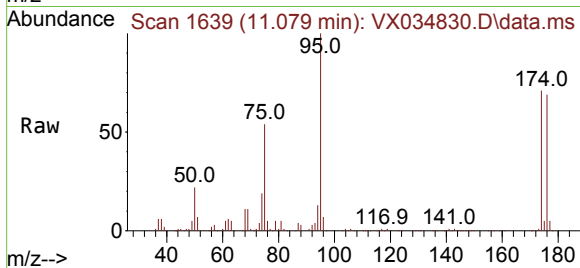




#81
trans-1,4-Dichloro-2-butene
Concen: 89.191 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

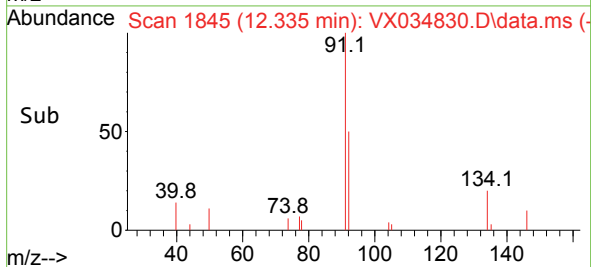
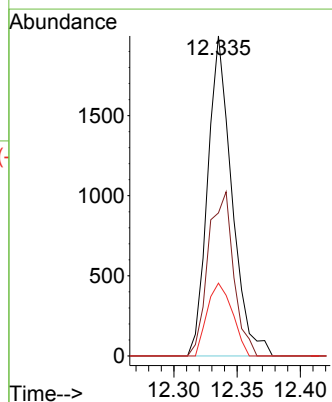
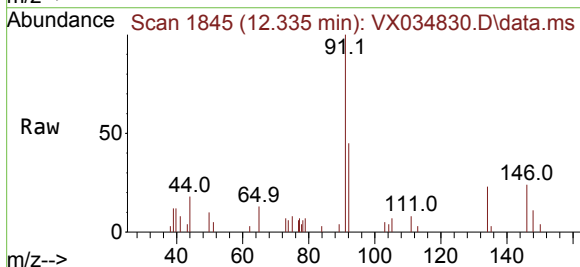
Instrument :
MSVOA_X
ClientSampleId :
E9074-PVSC-001

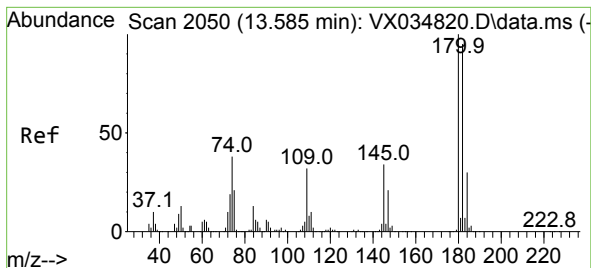
Tgt Ion: 75 Resp: 100343
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.311 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

Tgt Ion: 91 Resp: 2655
Ion Ratio Lower Upper
91 100
92 53.9 27.7 83.0
134 23.7 13.0 38.9





#93

1,2,4-Trichlorobenzene

Concen: 0.376 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX034830.D

Acq: 29 Mar 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

E9074-PVSC-001

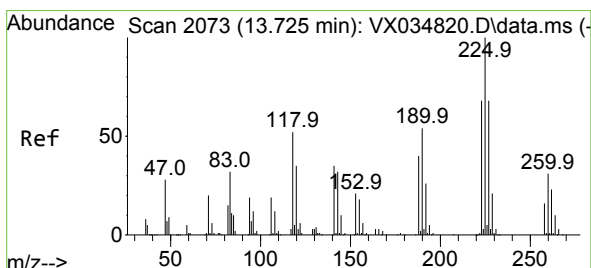
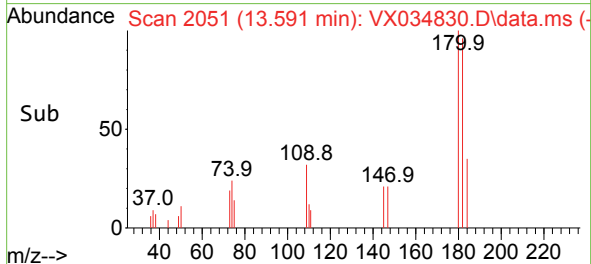
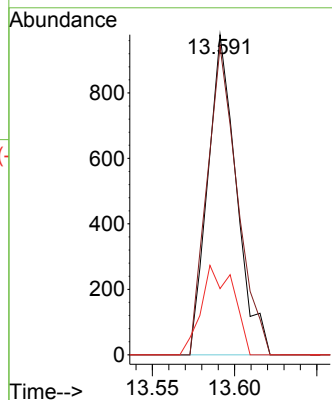
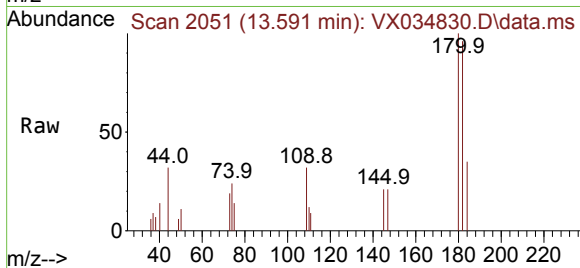
Tgt Ion:180 Resp: 1179

Ion Ratio Lower Upper

180 100

182 102.3 47.0 141.0

145 31.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 0.938 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034830.D

Acq: 29 Mar 2023 15:59

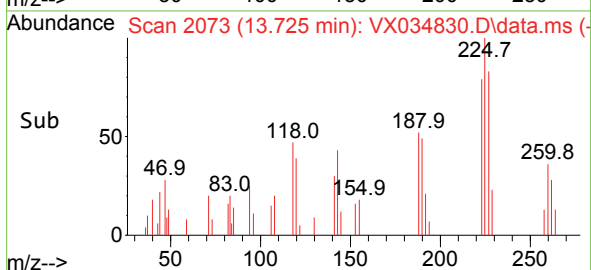
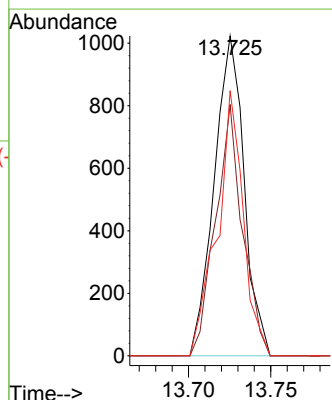
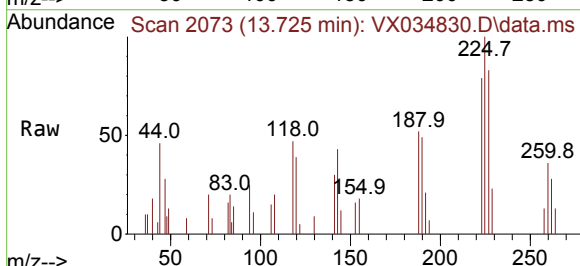
Tgt Ion:225 Resp: 1292

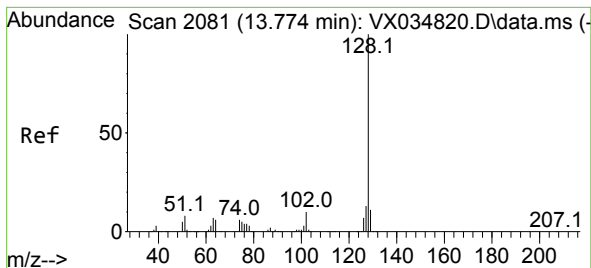
Ion Ratio Lower Upper

225 100

223 71.4 32.1 96.5

227 72.6 31.8 95.4





#95

Naphthalene

Concen: 0.233 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX034830.D

Acq: 29 Mar 2023 15:59

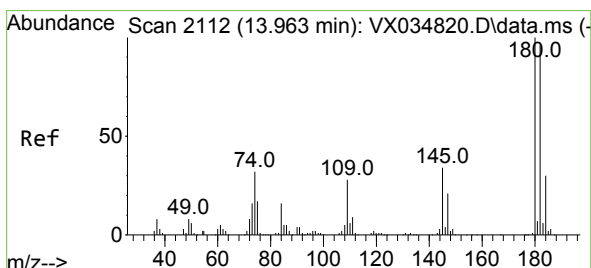
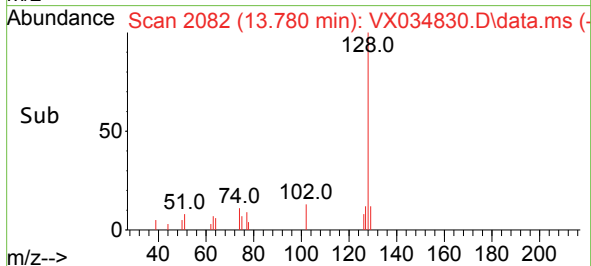
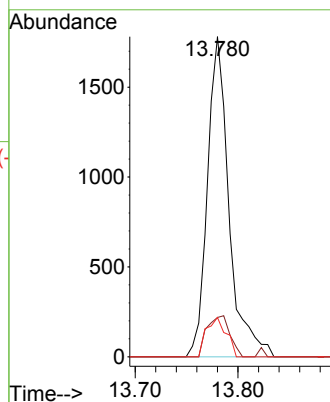
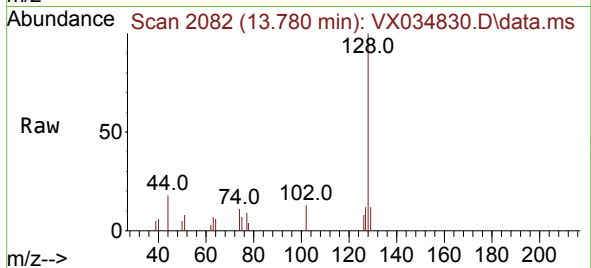
Instrument :

MSVOA_X

ClientSampleId :

E9074-PVSC-001

Tgt Ion:128	Resp:	2594
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.2 15.4
129	11.3	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.311 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034830.D

Acq: 29 Mar 2023 15:59

Tgt Ion:180	Resp:	982
Ion Ratio	Lower	Upper
180	100	
182	105.1	48.0 144.2
145	44.1	17.7 53.1

