

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034728.D
 Acq On : 24 Mar 2023 18:01
 Operator : JC/MD
 Sample : 02048-05DL 2X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 01:34:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

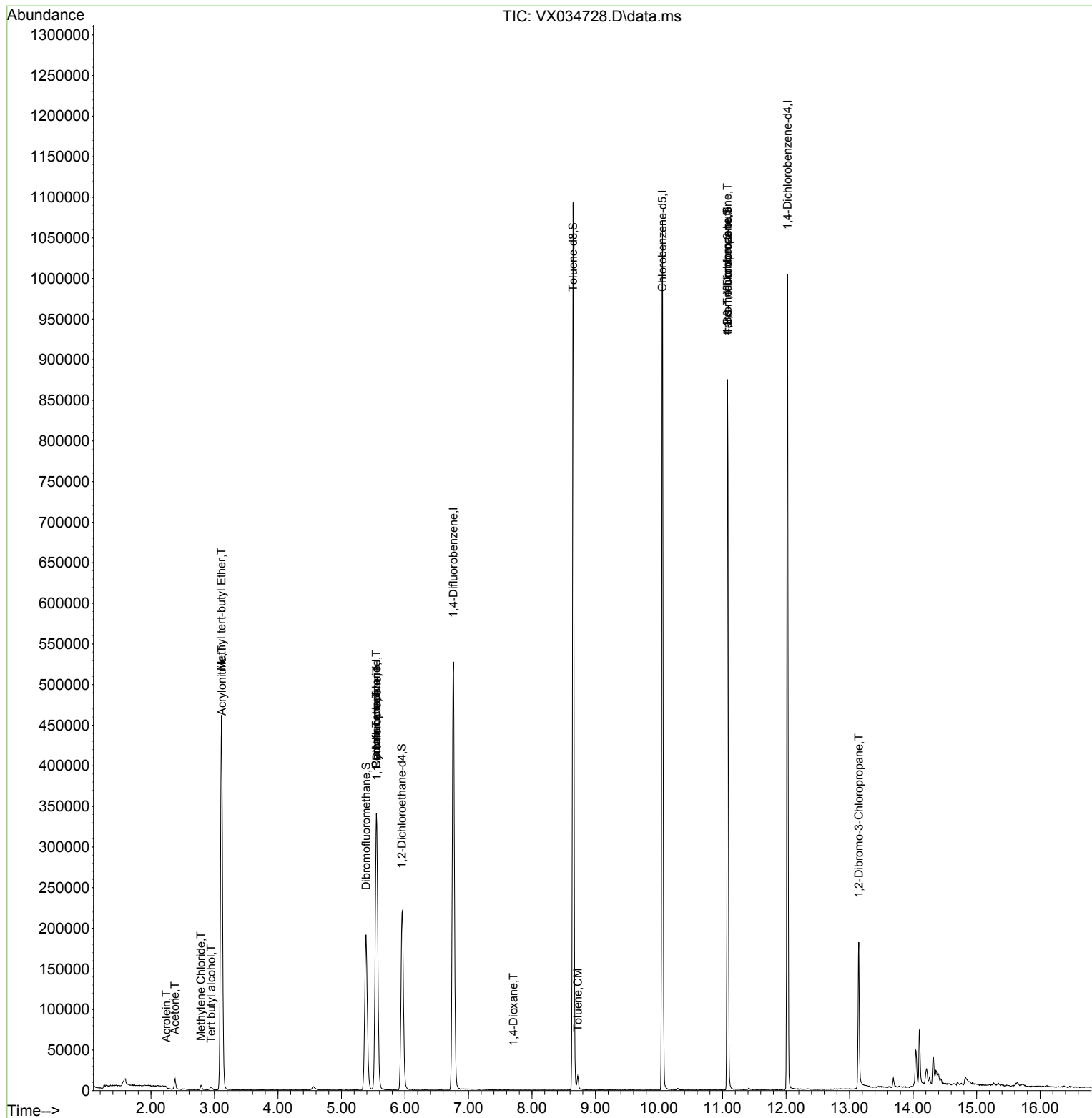
Internal Standards						
1) Pentafluorobenzene	5.550	168	310453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	523617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	470010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	225059	49.831	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.660%
35) Dibromofluoromethane	5.385	113	163949	47.423	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.840%
50) Toluene-d8	8.647	98	621686	48.171	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.340%
62) 4-Bromofluorobenzene	11.079	95	240125	46.063	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.120%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	391	Below Cal	#	83
11) Tert butyl alcohol	2.947	59	2706	2.877	ug/l #	73
13) Acrolein	2.239	56	202	0.271	ug/l #	14
15) Acrylonitrile	3.117	53	4851	2.388	ug/l #	24
16) Acetone	2.380	43	13408	6.302	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	500161	41.102	ug/l	96
20) Methylene Chloride	2.788	84	2327	0.564	ug/l #	88
31) Cyclohexane	5.550	56	7434	1.174	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	25960	4.889	ug/l #	51
38) Carbon Tetrachloride	5.550	117	33618	6.364	ug/l #	16
49) 1,4-Dioxane	7.708	88	34	0.342	ug/l #	1
52) Toluene	8.720	92	6229	0.648	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	126902	26.567	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	126902	71.872	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	13.146	75	376	0.308	ug/l #	5

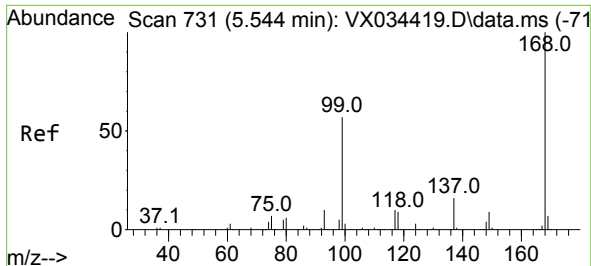
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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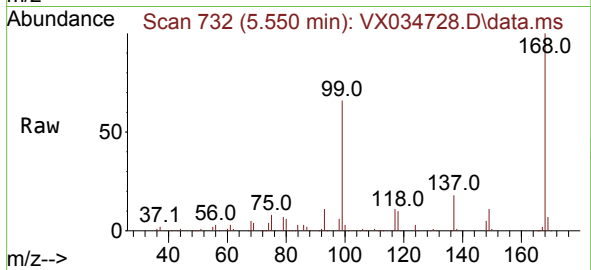
Quant Time: Mar 27 01:34:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration



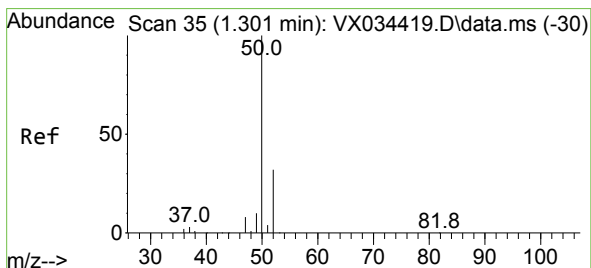
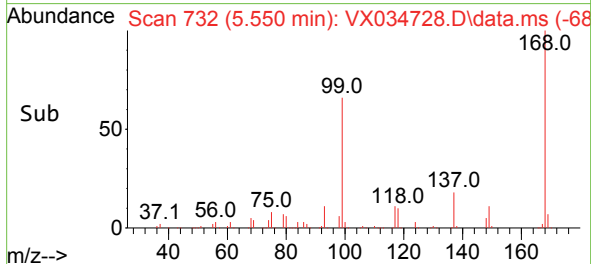
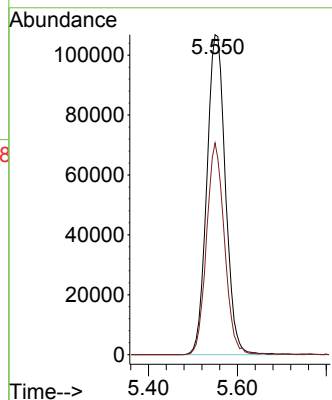


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

Instrument :
MSVOA_X
ClientSampleId :

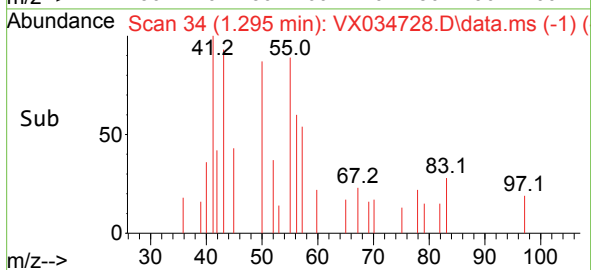
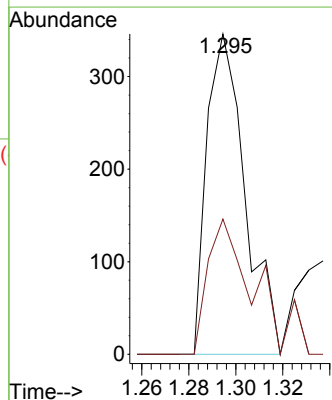
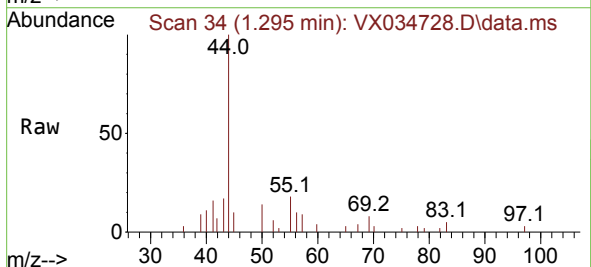


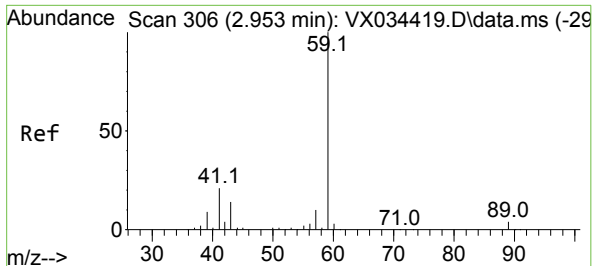
Tgt Ion:168 Resp: 310453
Ion Ratio Lower Upper
168 100
99 66.1 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

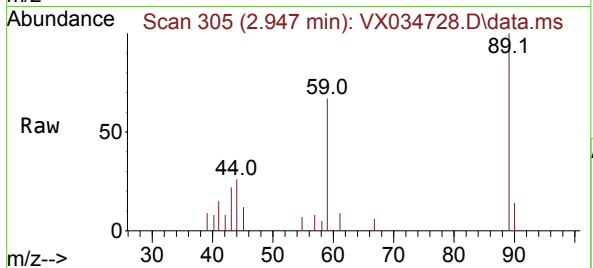
Tgt Ion: 50 Resp: 391
Ion Ratio Lower Upper
50 100
52 42.2 25.9 38.9#



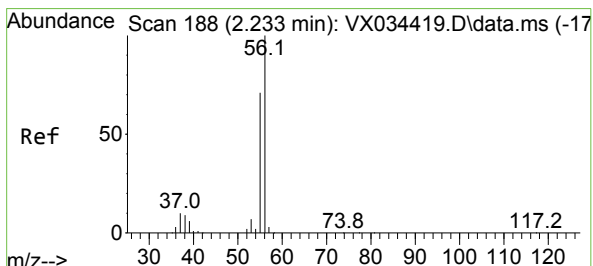
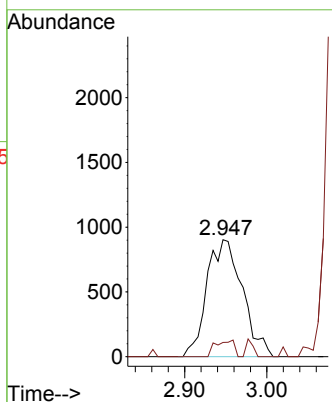
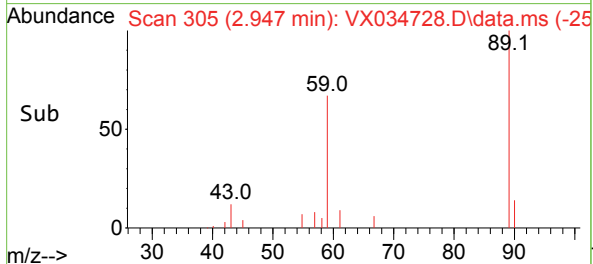


#11
Tert butyl alcohol
Concen: 2.877 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

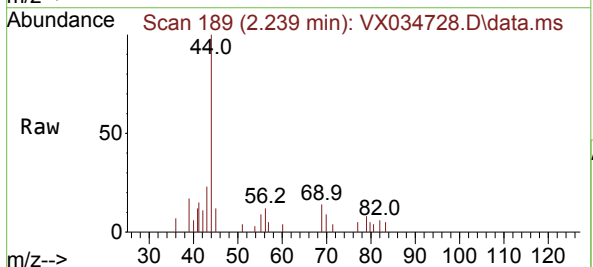
Instrument :
MSVOA_X
ClientSampleId :



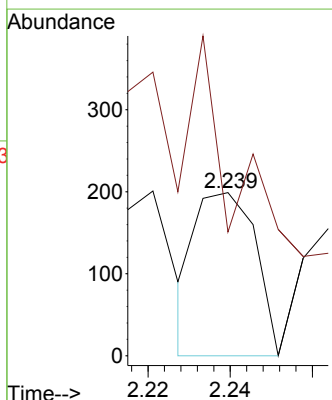
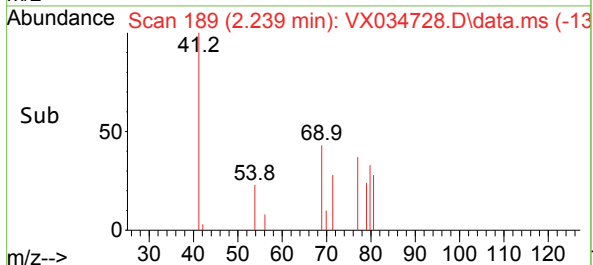
Tgt Ion: 59 Resp: 2706
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

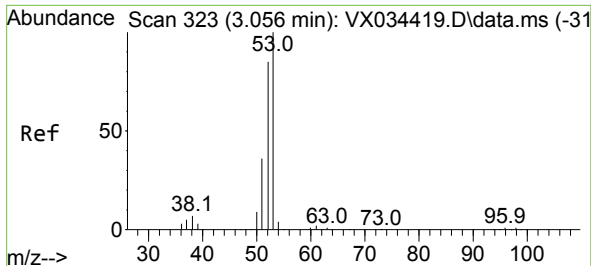


#13
Acrolein
Concen: 0.271 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01



Tgt Ion: 56 Resp: 202
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

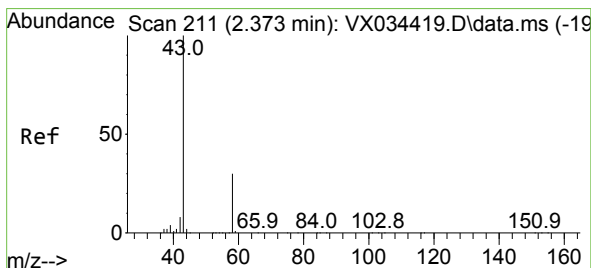
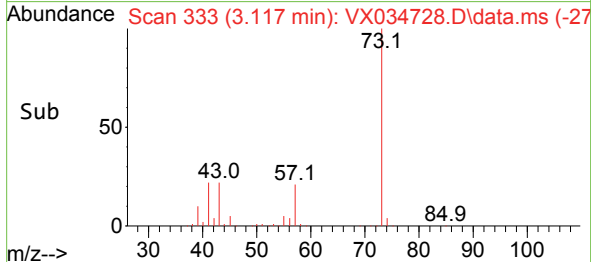
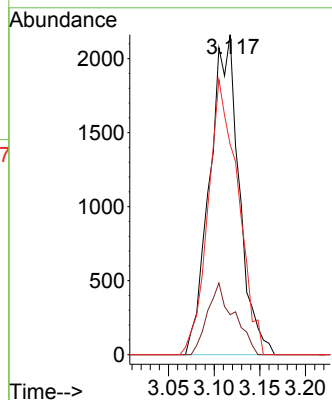
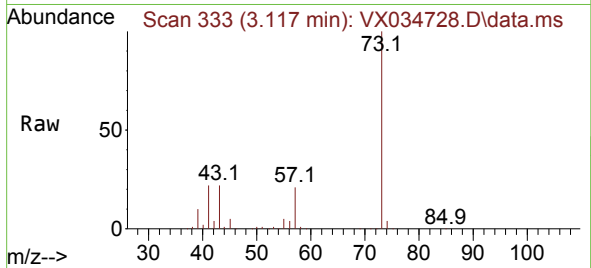




#15
Acrylonitrile
Concen: 2.388 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.061 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

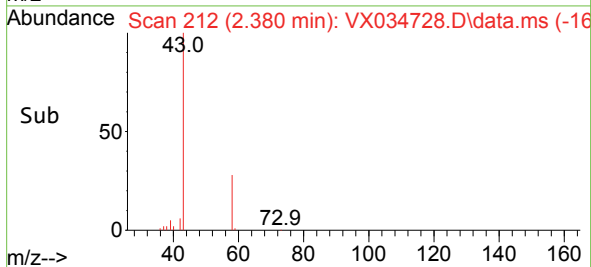
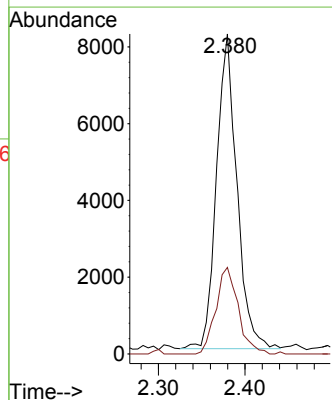
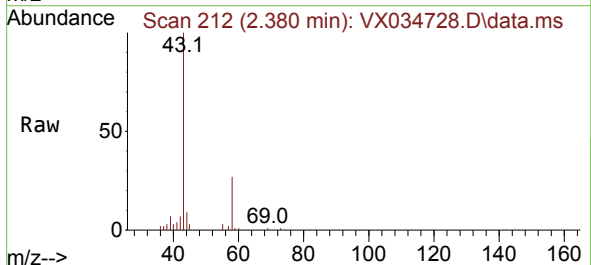
Instrument :
MSVOA_X
ClientSampleId :

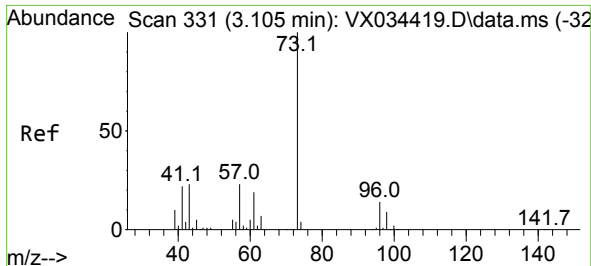
Tgt Ion: 53 Resp: 4851
Ion Ratio Lower Upper
53 100
52 20.1 66.2 99.2#
51 87.6 28.3 42.5#



#16
Acetone
Concen: 6.302 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

Tgt Ion: 43 Resp: 13408
Ion Ratio Lower Upper
43 100
58 27.5 24.7 37.1

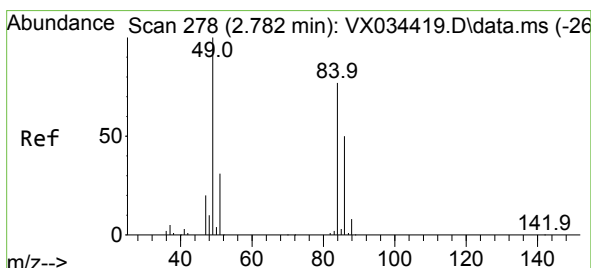
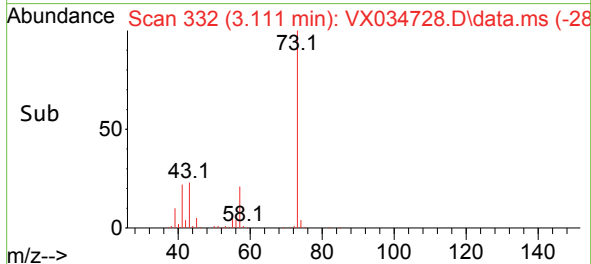
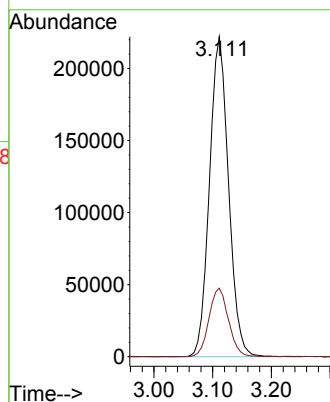
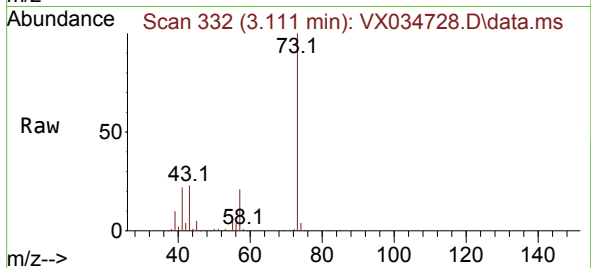




#19
Methyl tert-butyl Ether
Concen: 41.102 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

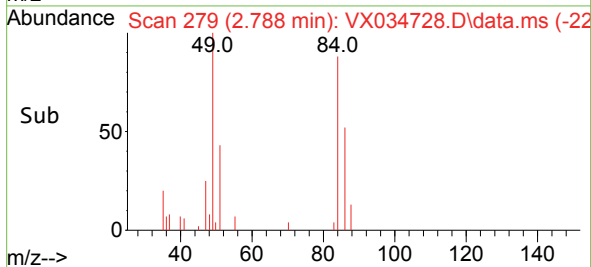
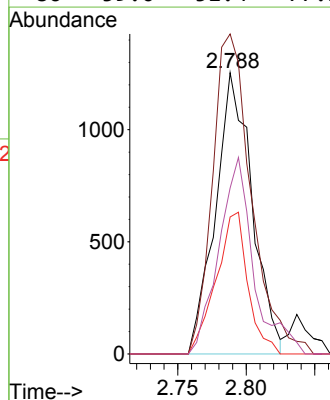
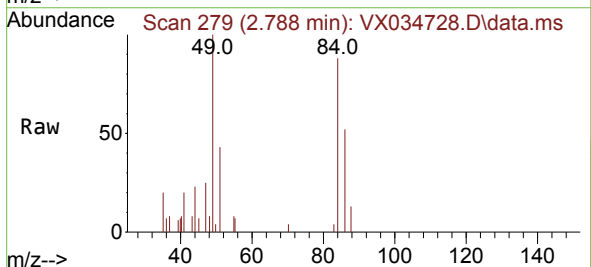
Instrument :
MSVOA_X
ClientSampleId :

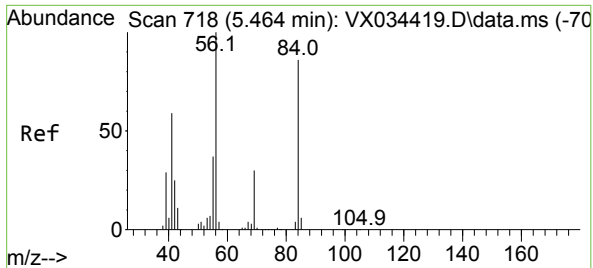
Tgt Ion: 73 Resp: 500161
Ion Ratio Lower Upper
73 100
57 21.4 18.5 27.7



#20
Methylene Chloride
Concen: 0.564 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

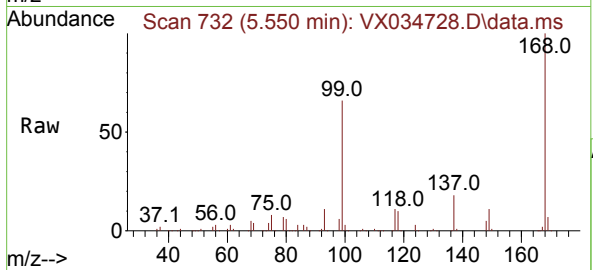
Tgt Ion: 84 Resp: 2327
Ion Ratio Lower Upper
84 100
49 113.8 103.8 155.8
51 48.7 31.8 47.8#
86 59.0 51.4 77.2



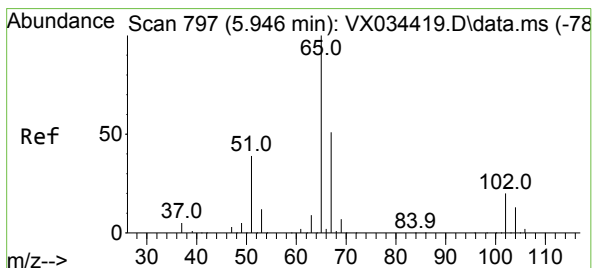
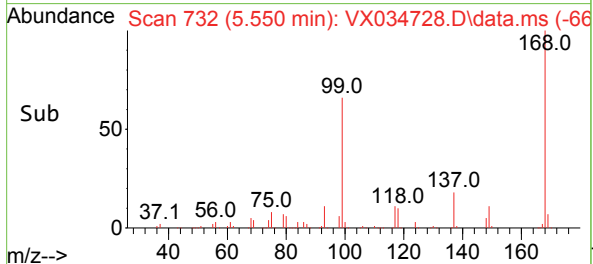
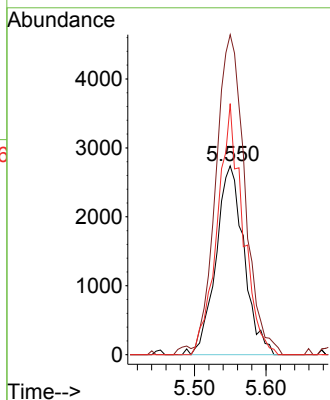


#31
Cyclohexane
Concen: 1.174 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

Instrument :
MSVOA_X
ClientSampleId :

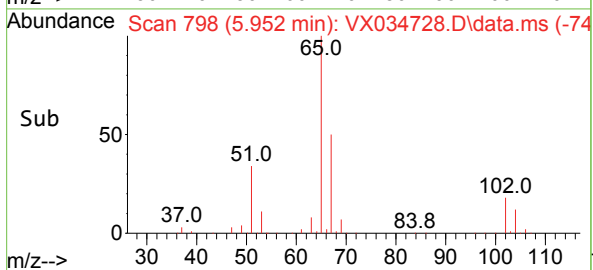
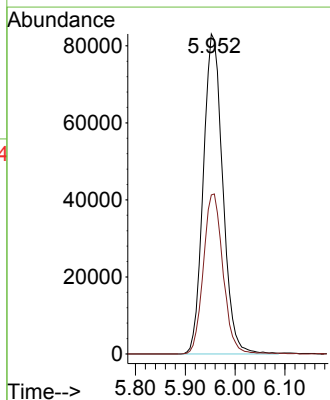
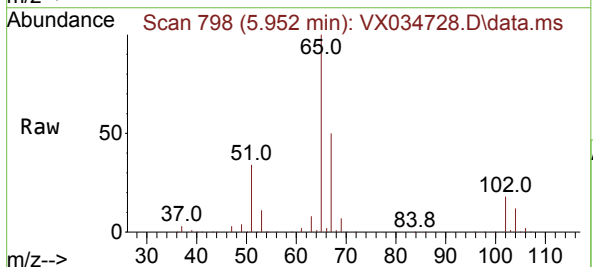


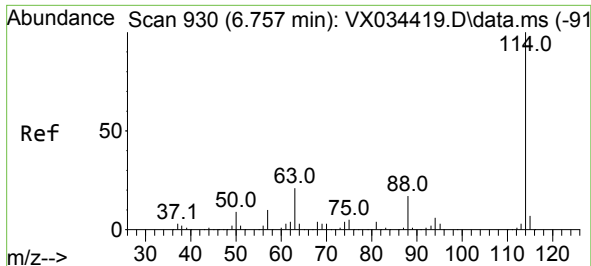
Tgt Ion: 56 Resp: 7434
Ion Ratio Lower Upper
56 100
69 166.6 23.7 35.5#
84 132.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.831 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

Tgt Ion: 65 Resp: 225059
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.0

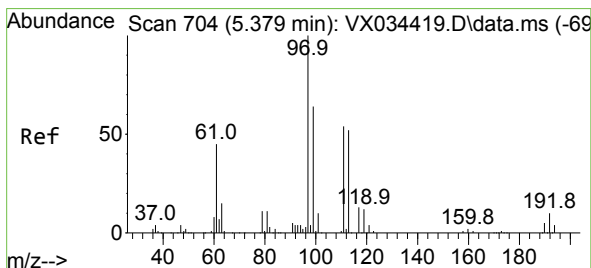
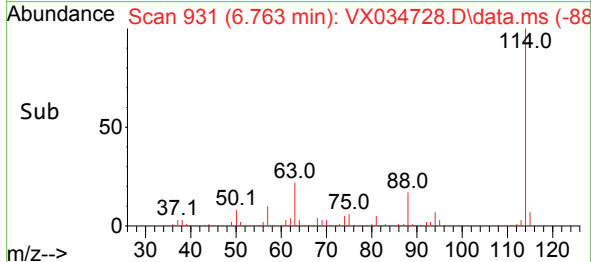
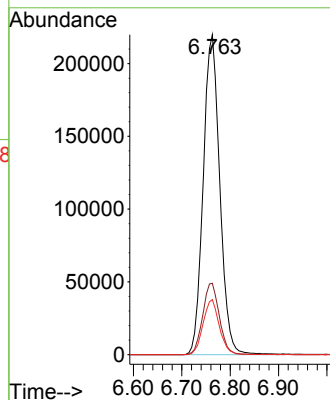
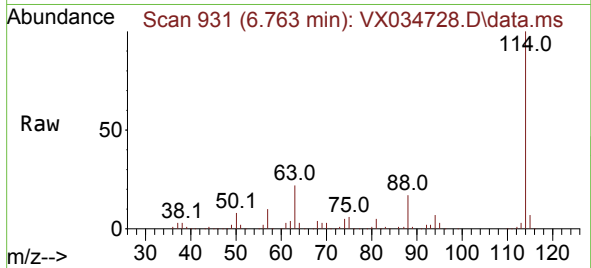




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

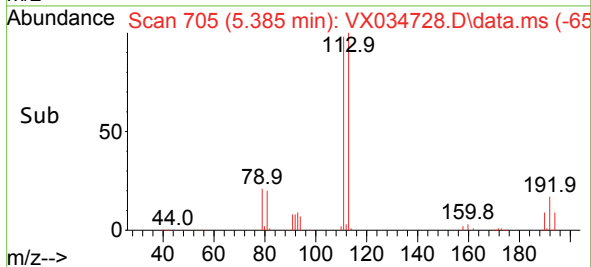
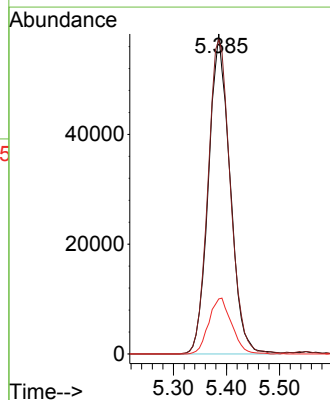
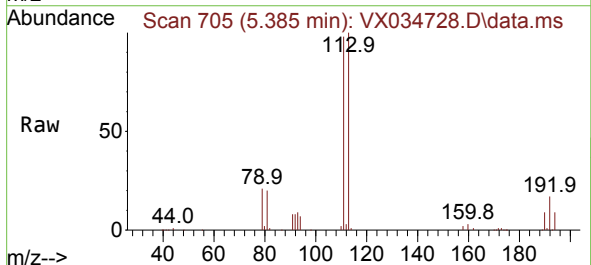
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MSVOA_X
ClientSampleId :

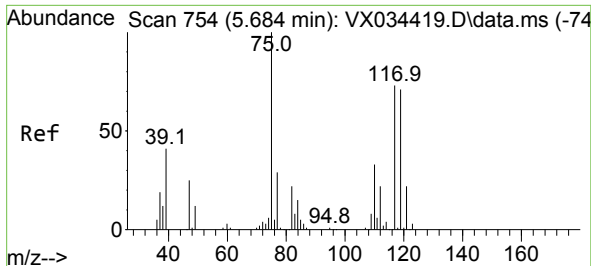
Tgt Ion:114 Resp: 523617
Ion Ratio Lower Upper
114 100
63 22.3 0.0 42.2
88 17.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.423 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

Tgt Ion:113 Resp: 163949
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 18.5 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.889 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.128 min

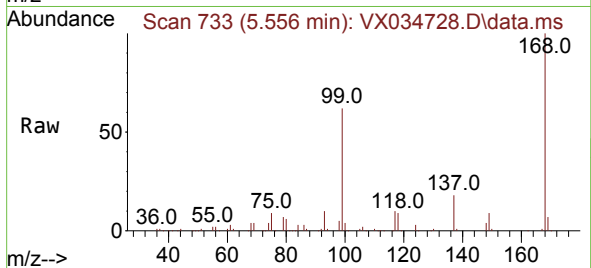
Lab File: VX034728.D

Acq: 24 Mar 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :



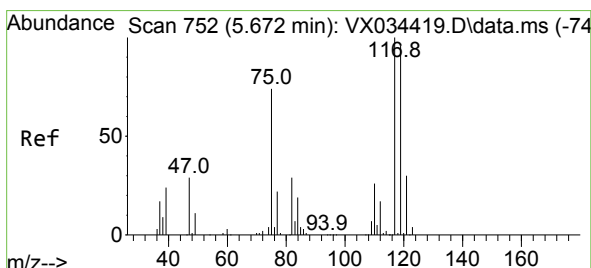
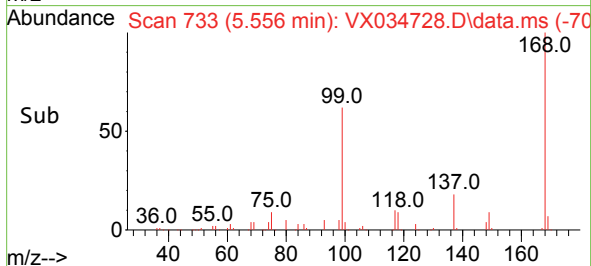
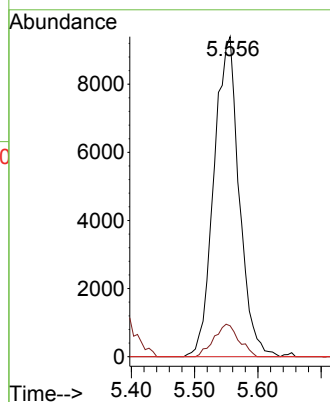
Tgt Ion: 75 Resp: 25960

Ion Ratio Lower Upper

75 100

110 10.1 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.364 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX034728.D

Acq: 24 Mar 2023 18:01

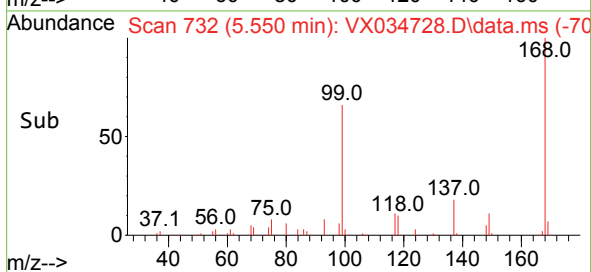
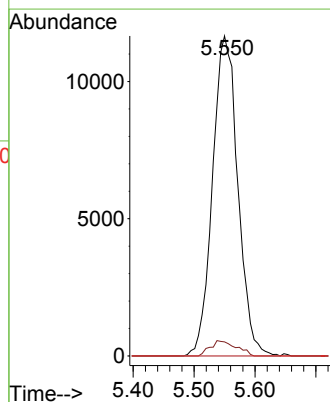
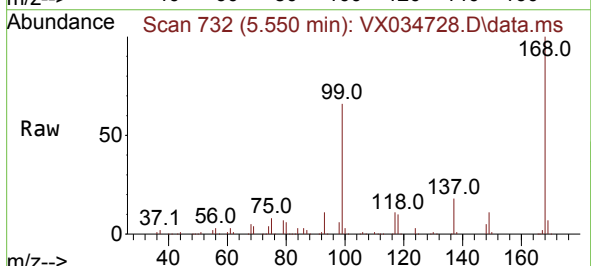
Tgt Ion: 117 Resp: 33618

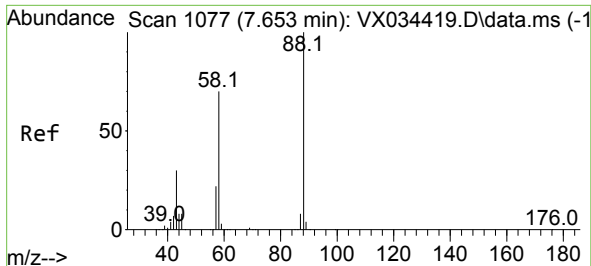
Ion Ratio Lower Upper

117 100

119 4.4 76.6 114.8#

121 0.0 23.8 35.6#





#49

1,4-Dioxane

Concen: 0.342 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.055 min

Lab File: VX034728.D

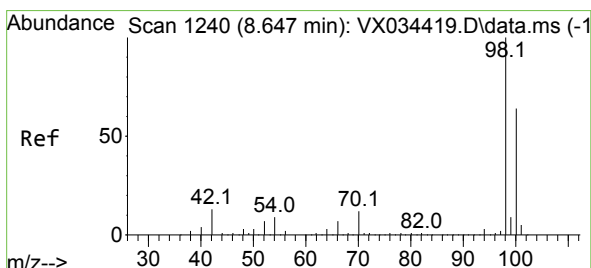
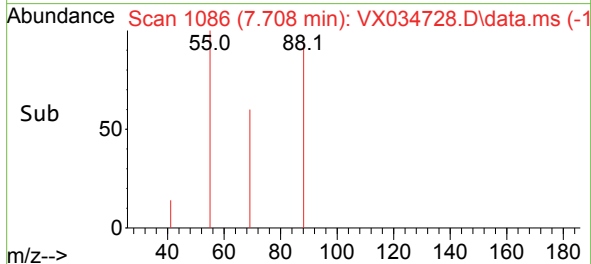
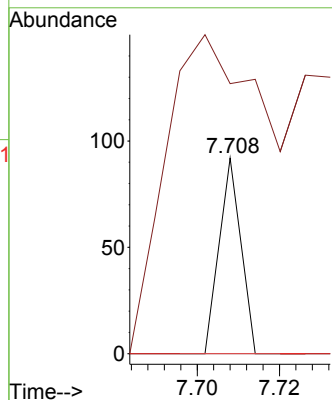
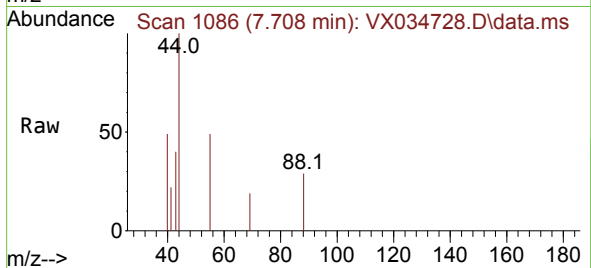
Acq: 24 Mar 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 88	Resp:	34
Ion	Ratio	Lower Upper
88	100	
43	750.0	27.7 41.5#
58	0.0	56.8 85.2#



#50

Toluene-d8

Concen: 48.171 ug/l

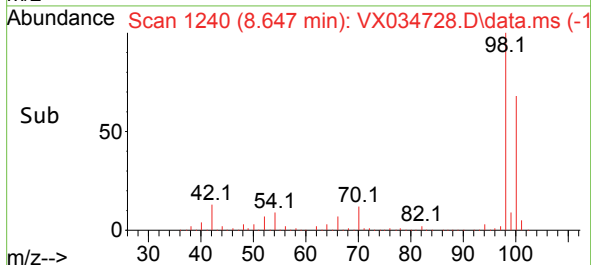
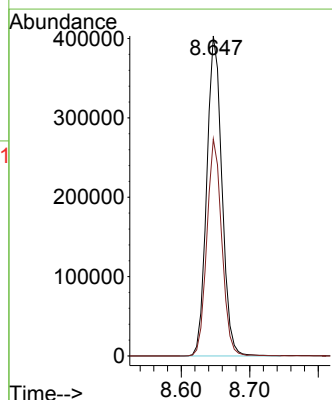
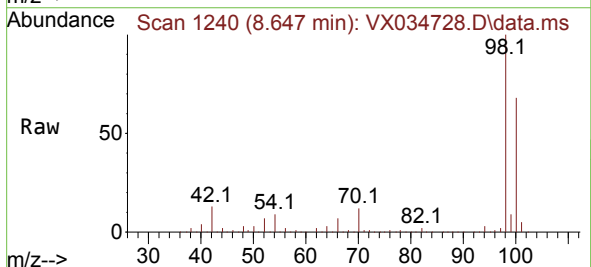
RT: 8.647 min Scan# 1240

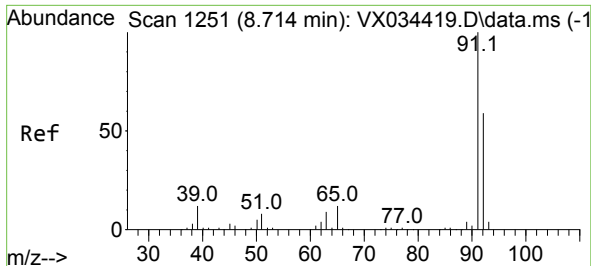
Delta R.T. 0.000 min

Lab File: VX034728.D

Acq: 24 Mar 2023 18:01

Tgt Ion: 98	Resp:	621686
Ion	Ratio	Lower Upper
98	100	
100	66.8	52.5 78.7

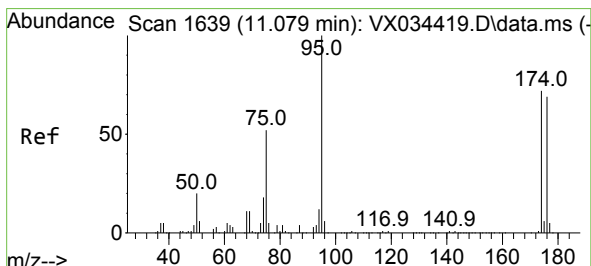
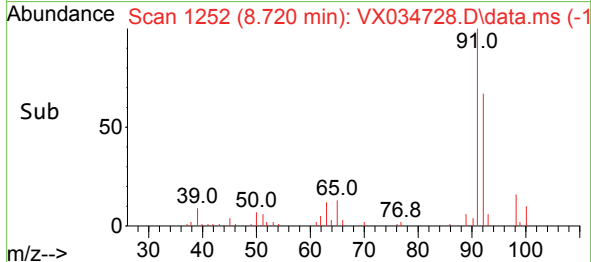
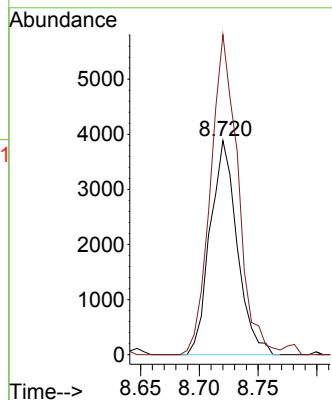
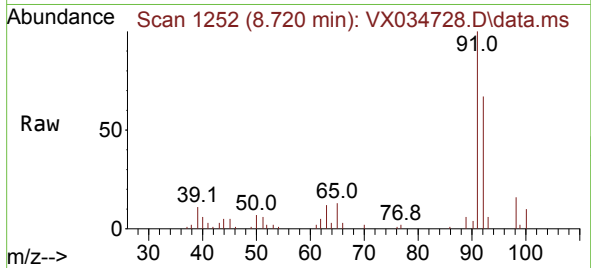




#52
Toluene
Concen: 0.648 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

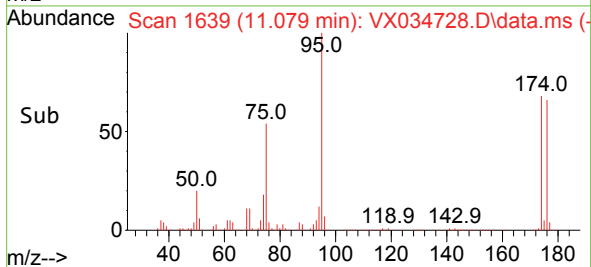
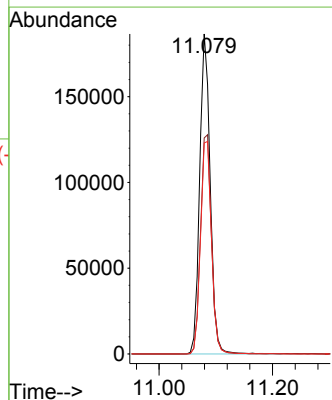
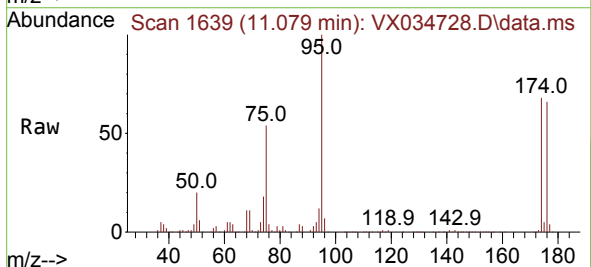
Instrument :
MSVOA_X
ClientSampleId :

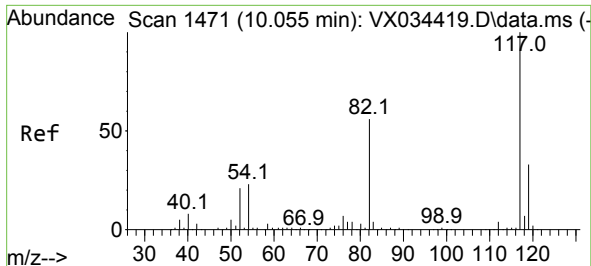
Tgt Ion: 92 Resp: 6229
Ion Ratio Lower Upper
92 100
91 151.7 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 46.063 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

Tgt Ion: 95 Resp: 240125
Ion Ratio Lower Upper
95 100
174 71.0 0.0 147.4
176 69.6 0.0 140.6

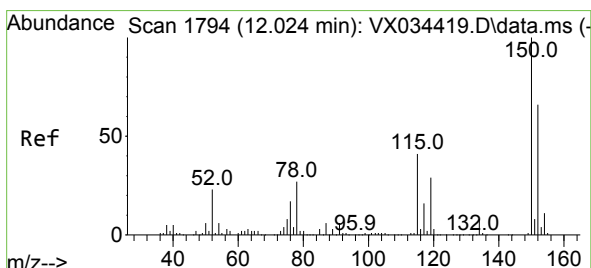
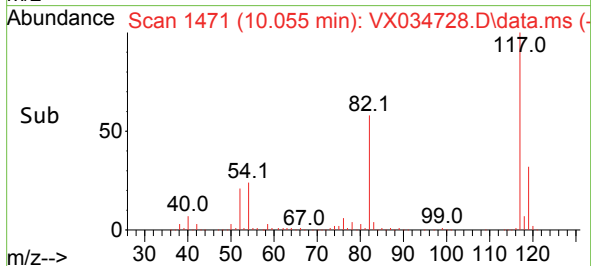
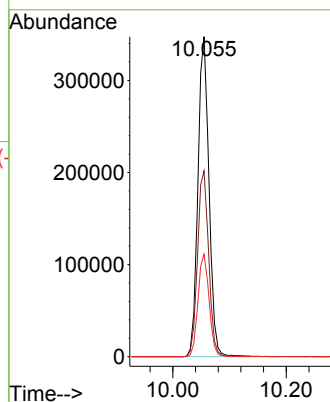
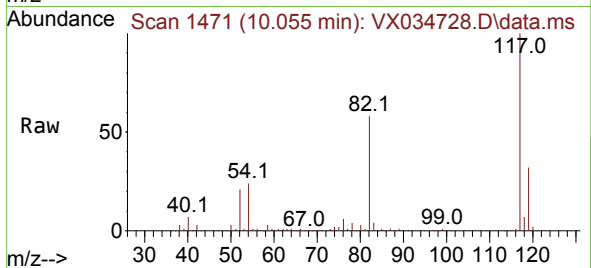




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

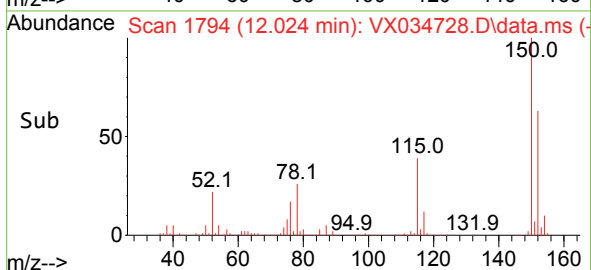
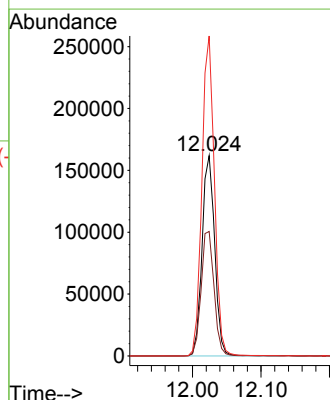
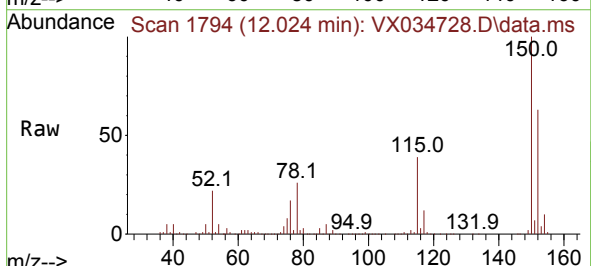
Instrument :
MSVOA_X
ClientSampleId :

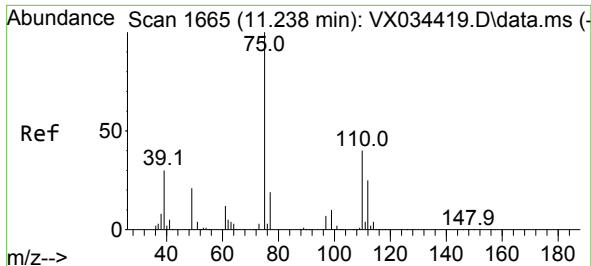
Tgt Ion:117 Resp: 470010
Ion Ratio Lower Upper
117 100
82 58.0 45.0 67.4
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

Tgt Ion:152 Resp: 208033
Ion Ratio Lower Upper
152 100
115 63.7 45.0 135.0
150 158.0 0.0 352.4

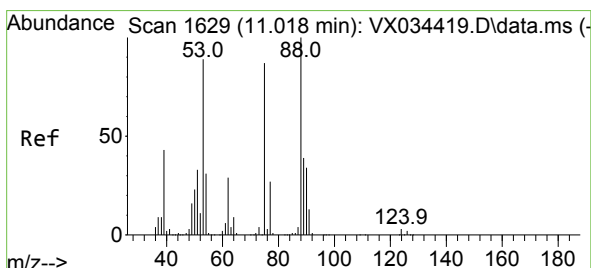
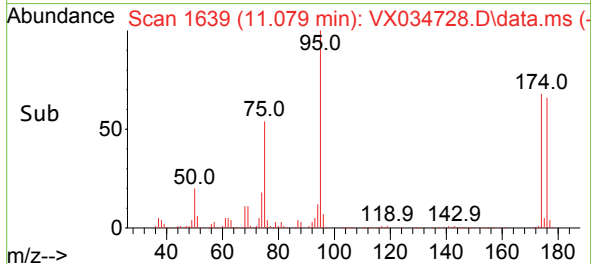
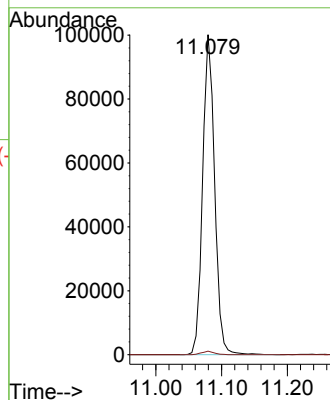
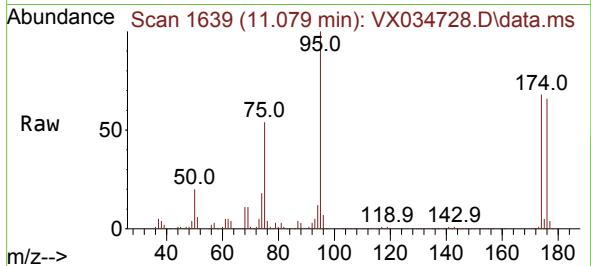




#76
1,2,3-Trichloropropane
Concen: 26.567 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

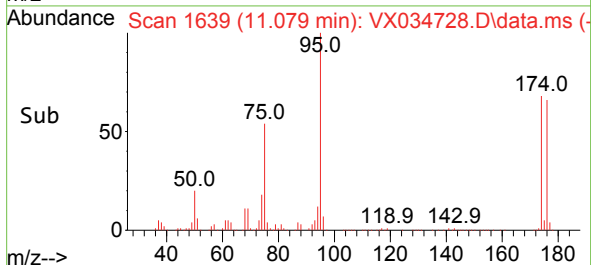
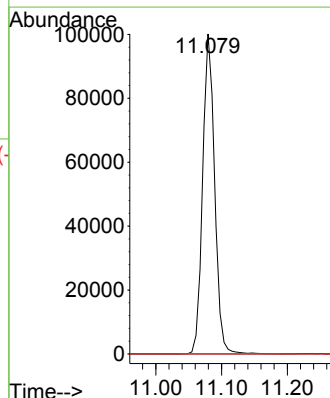
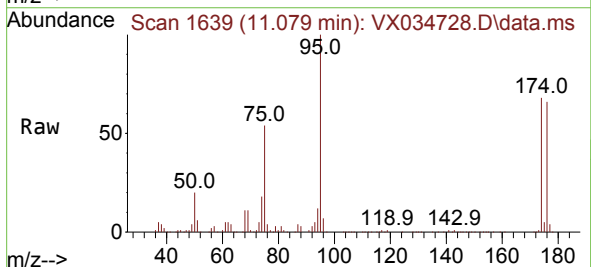
Instrument :
MSVOA_X
ClientSampleId :

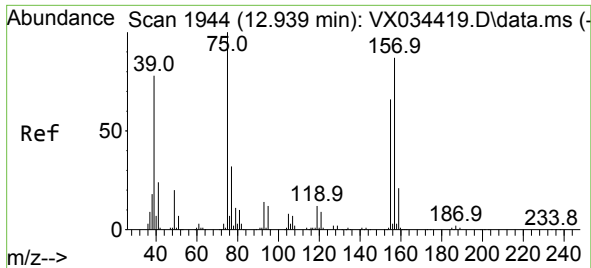
Tgt Ion: 75 Resp: 126902
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.872 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

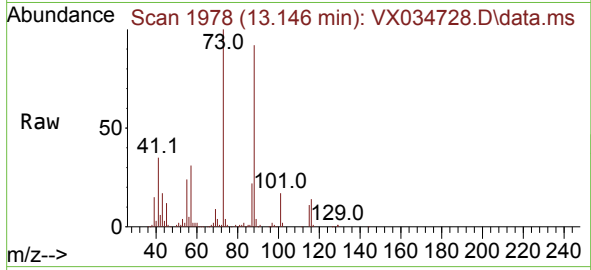
Tgt Ion: 75 Resp: 126902
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.308 ug/l
 RT: 13.146 min Scan# 1978
 Delta R.T. 0.207 min
 Lab File: VX034728.D
 Acq: 24 Mar 2023 18:01

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	75	Resp:	376
Ion	Ratio	Lower	Upper
75	100		
155	0.0	38.4	115.1#
157	0.0	49.9	149.7#

