

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032480.D
 Acq On : 31 Oct 2022 12:14
 Operator : JC/MD
 Sample : N5381-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 265393-7

Quant Time: Nov 01 05:08:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

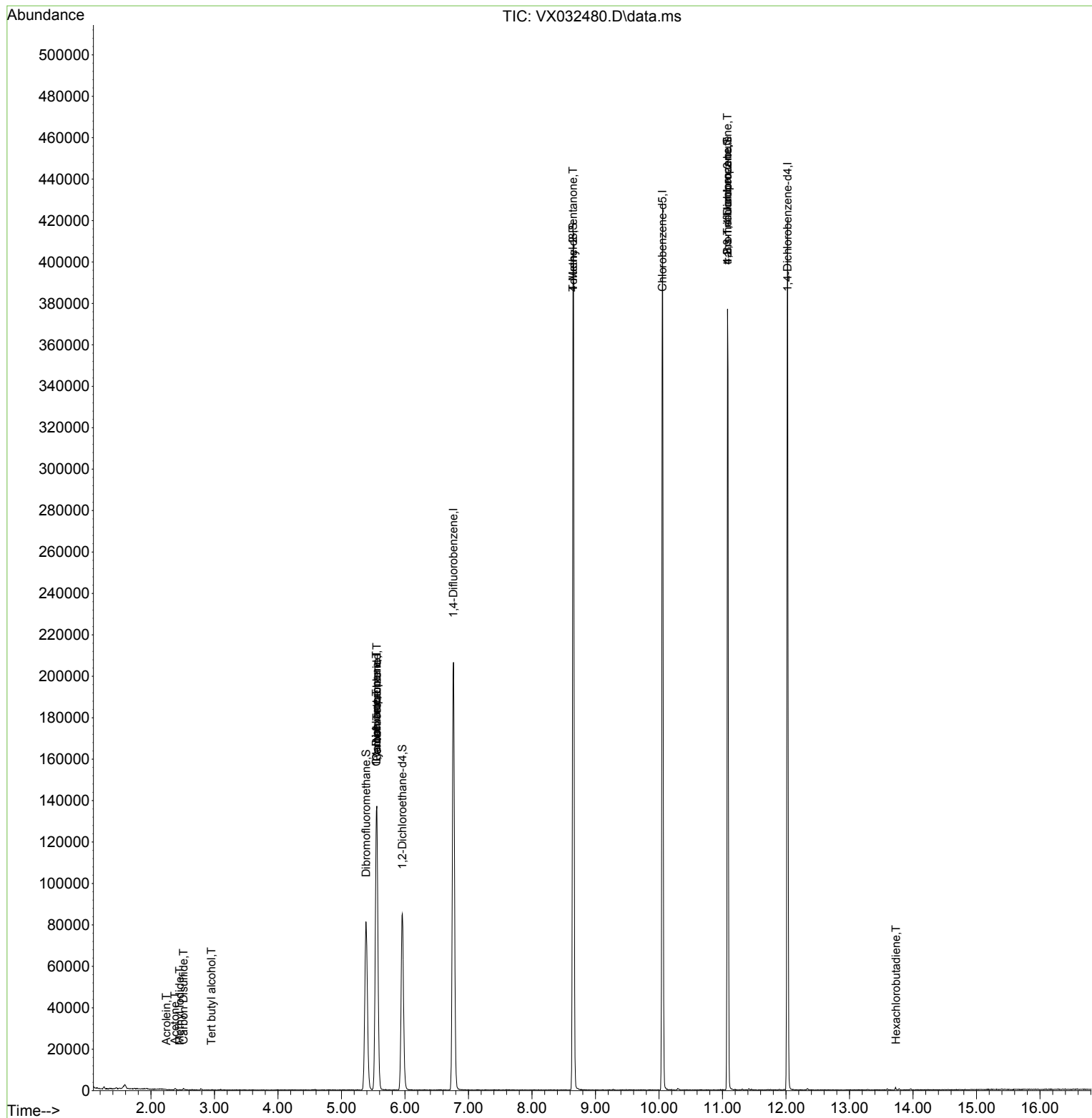
Internal Standards						
1) Pentafluorobenzene	5.556	168	130330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208366	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85679	47.313	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.620%
35) Dibromofluoromethane	5.385	113	69694	46.891	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.780%
50) Toluene-d8	8.647	98	247636	47.915	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.840%
62) 4-Bromofluorobenzene	11.079	95	93996	46.560	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.120%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.453	142	144	2.005	ug/l #	53
11) Tert butyl alcohol	2.953	59	167	0.634	ug/l #	72
13) Acrolein	2.240	56	74	0.281	ug/l #	62
16) Acetone	2.380	43	716	1.088	ug/l #	86
17) Carbon Disulfide	2.514	76	815	0.262	ug/l #	74
31) Cyclohexane	5.550	56	2718	1.238	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	9944	4.804	ug/l #	45
38) Carbon Tetrachloride	5.556	117	13095	5.704	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1116	0.536	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51017	27.330	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	51017	86.964	ug/l #	6
94) Hexachlorobutadiene	13.731	225	277	0.336	ug/l	87

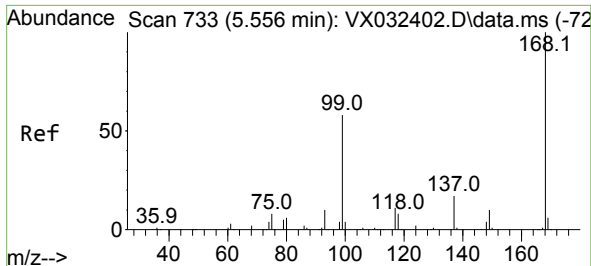
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 01 05:08:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
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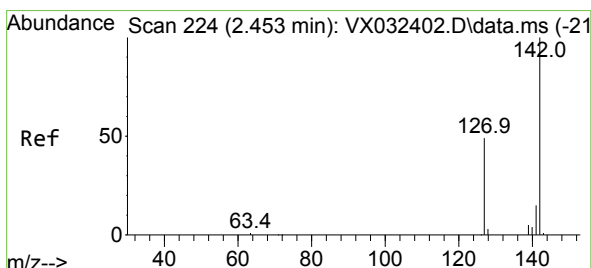
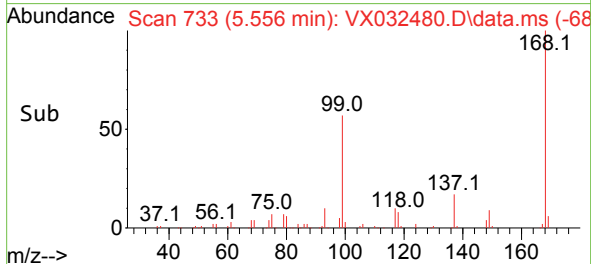
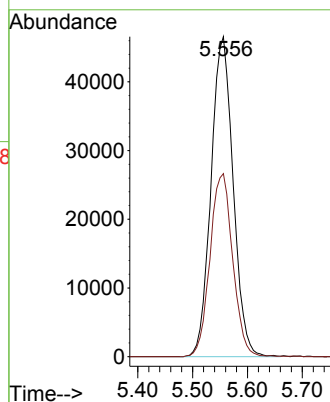
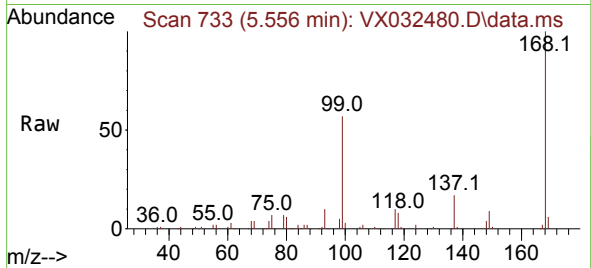




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

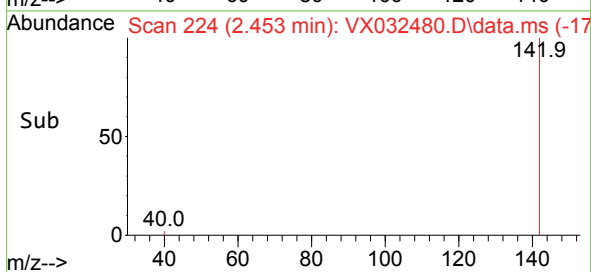
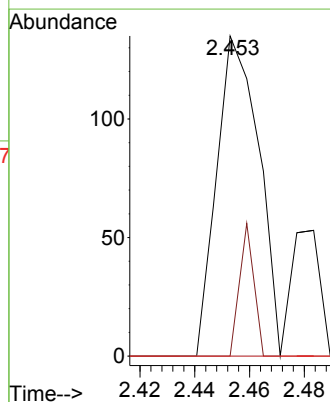
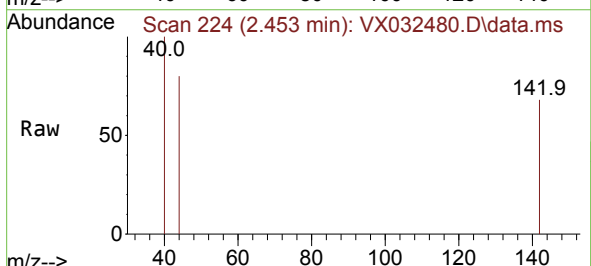
Instrument :
MSVOA_X
ClientSampleId :
265393-7

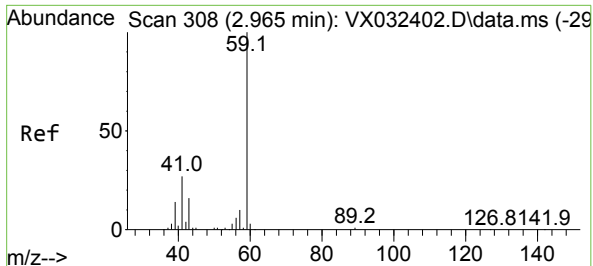
Tgt Ion:168 Resp: 130330
Ion Ratio Lower Upper
168 100
99 57.2 46.1 69.1



#10
Methyl Iodide
Concen: 2.005 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

Tgt Ion:142 Resp: 144
Ion Ratio Lower Upper
142 100
127 13.9 38.6 57.8#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 0.634 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX032480.D

Acq: 31 Oct 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

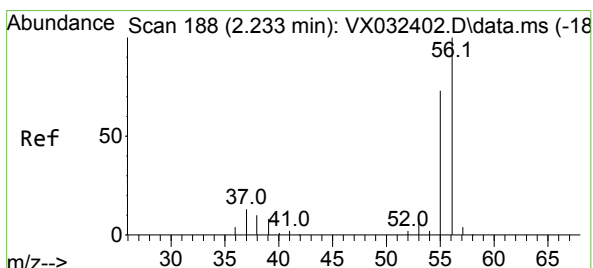
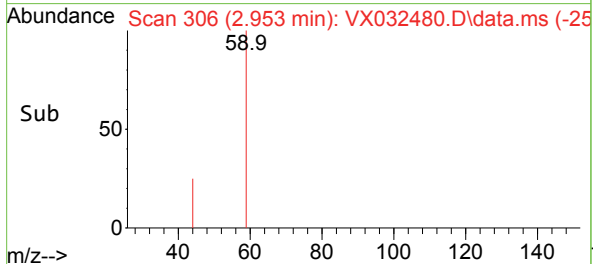
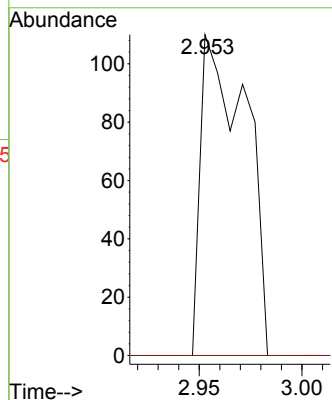
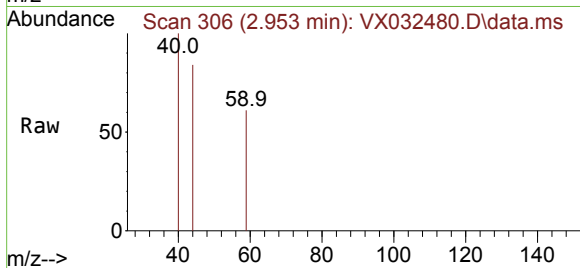
265393-7

Tgt Ion: 59 Resp: 167

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 0.281 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX032480.D

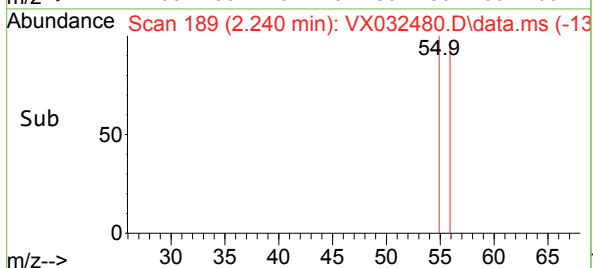
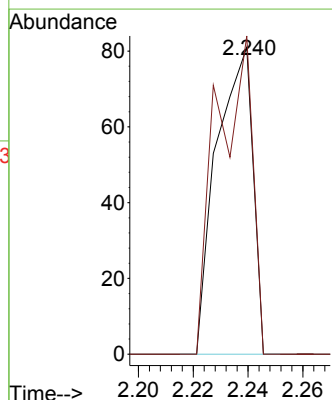
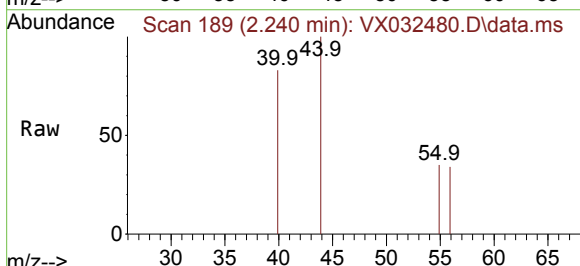
Acq: 31 Oct 2022 12:14

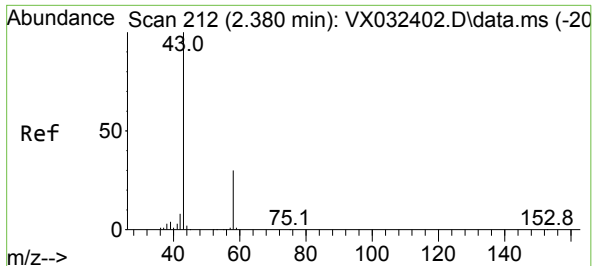
Tgt Ion: 56 Resp: 74

Ion Ratio Lower Upper

56 100

55 102.7 56.9 85.3#

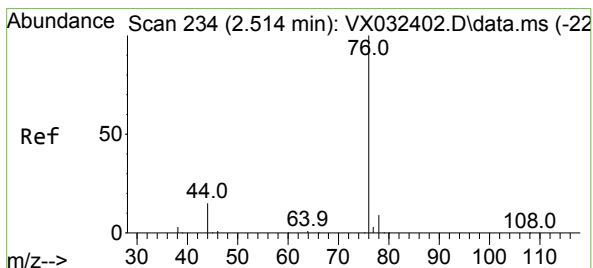
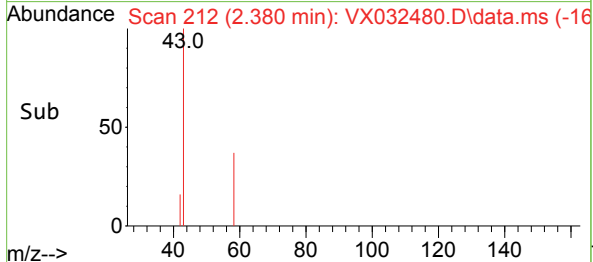
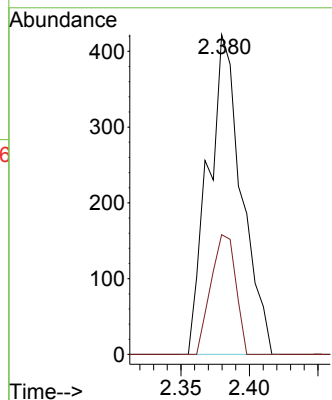
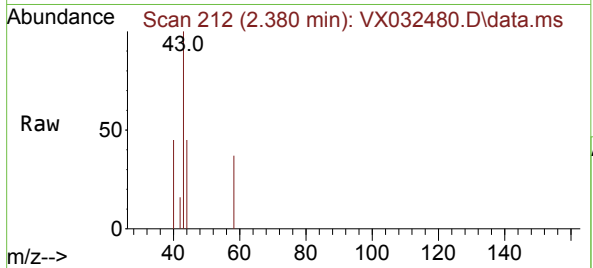




#16
Acetone
Concen: 1.088 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

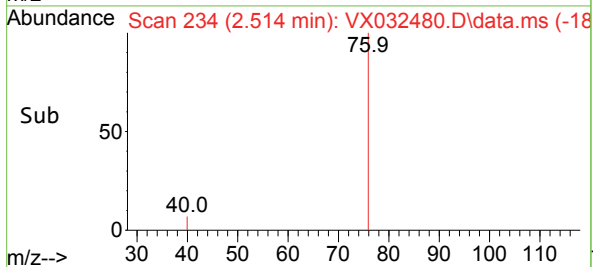
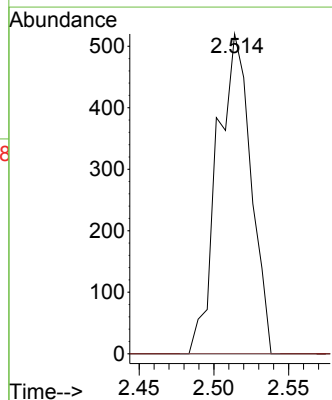
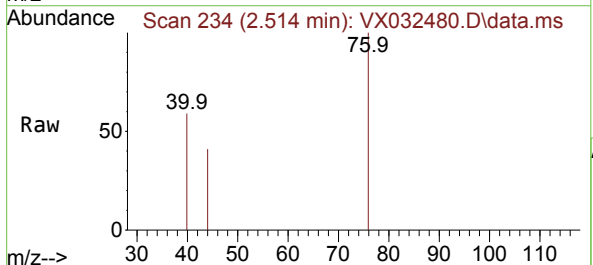
Instrument :
MSVOA_X
ClientSampleId :
265393-7

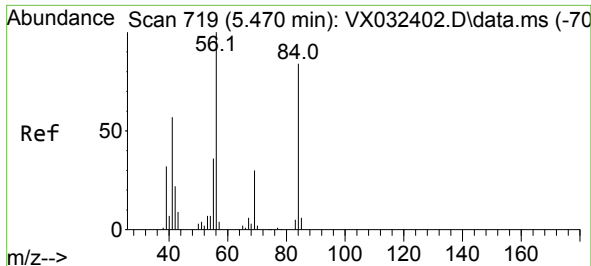
Tgt Ion: 43 Resp: 716
Ion Ratio Lower Upper
43 100
58 37.4 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.262 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

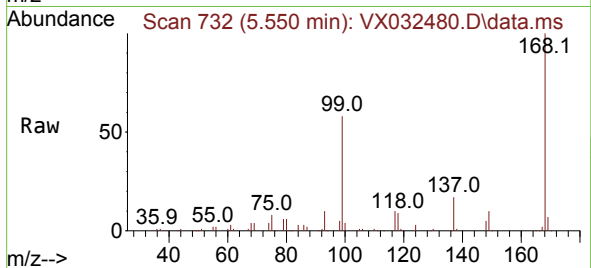
Tgt Ion: 76 Resp: 815
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



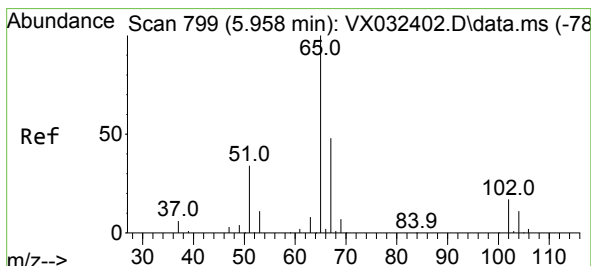
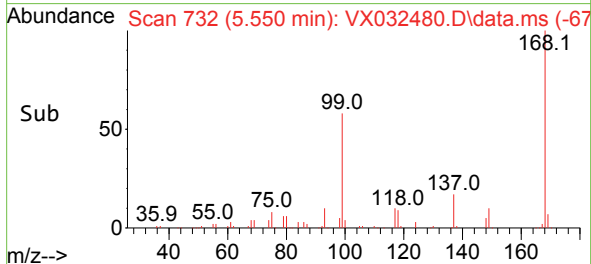
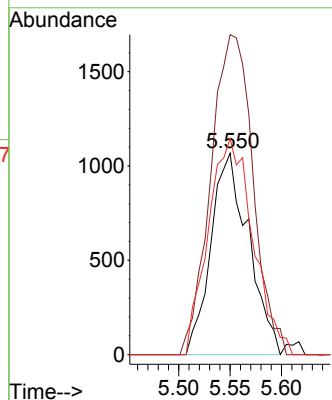


#31
Cyclohexane
Concen: 1.238 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

Instrument :
MSVOA_X
ClientSampleId :
265393-7

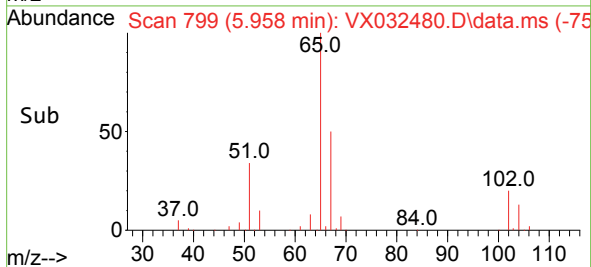
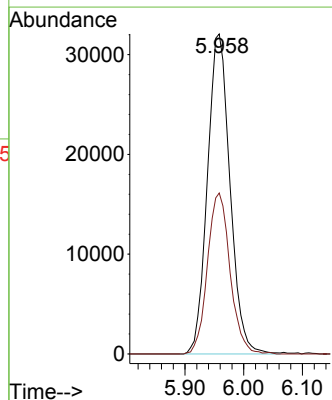
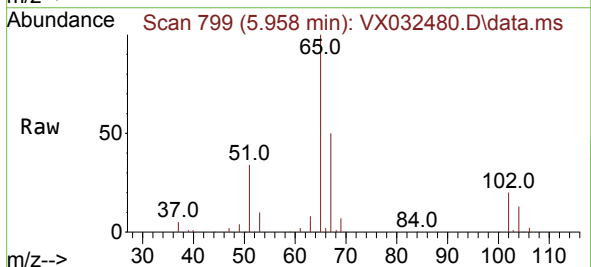


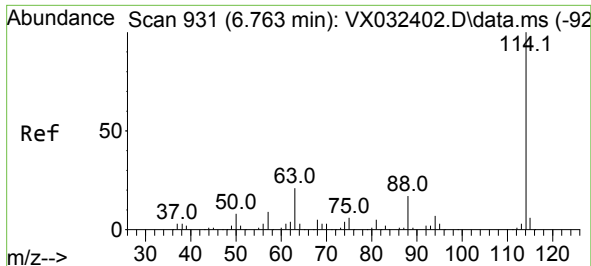
Tgt Ion: 56 Resp: 2718
Ion Ratio Lower Upper
56 100
69 158.8 24.1 36.1#
84 107.3 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 47.313 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

Tgt Ion: 65 Resp: 85679
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8

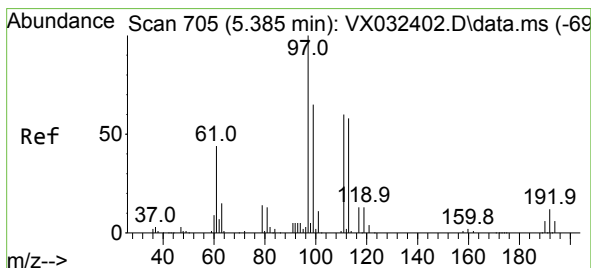
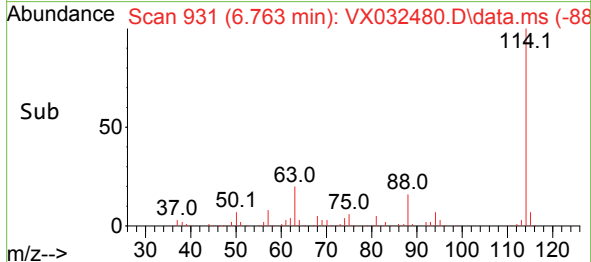
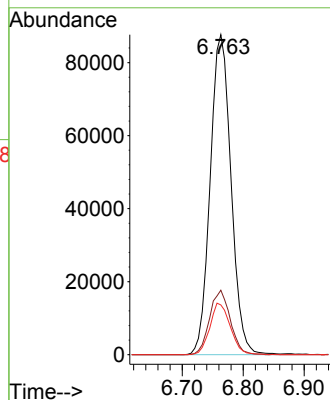
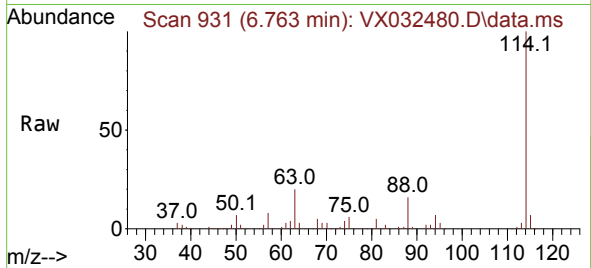




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

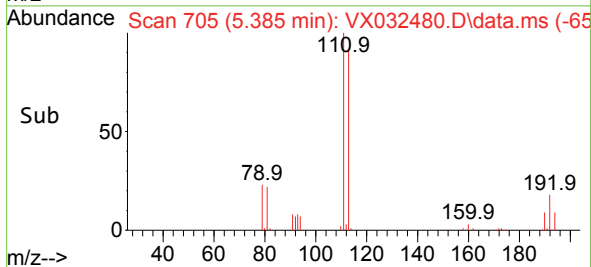
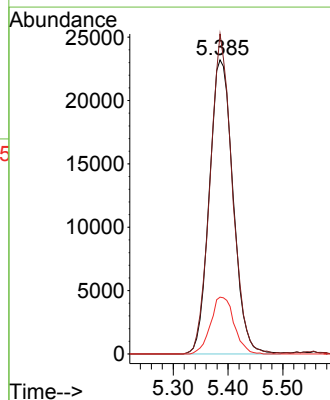
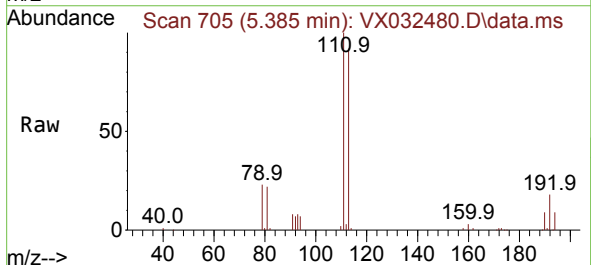
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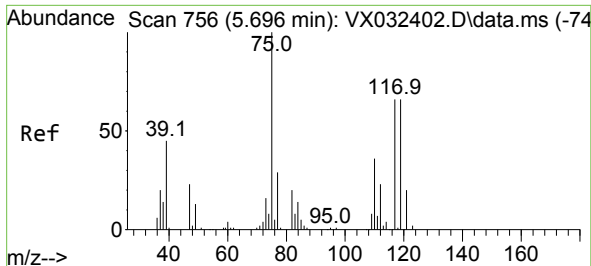
Tgt Ion:114 Resp: 208366
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.891 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

Tgt Ion:113 Resp: 69694
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 19.1 15.4 23.2

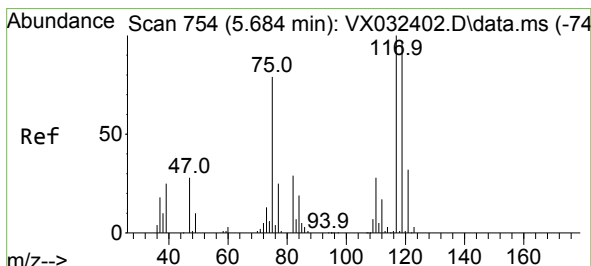
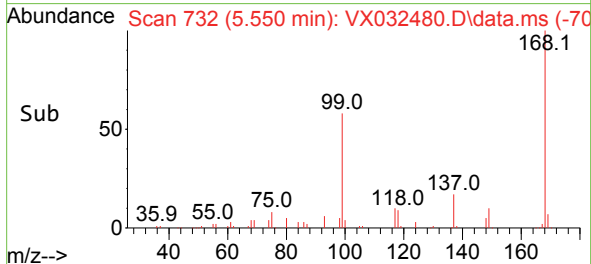
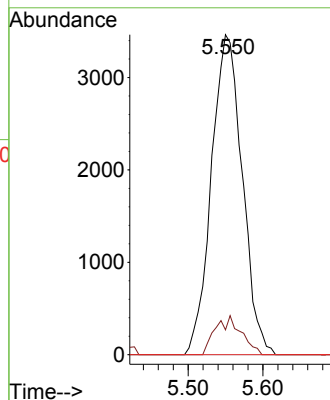
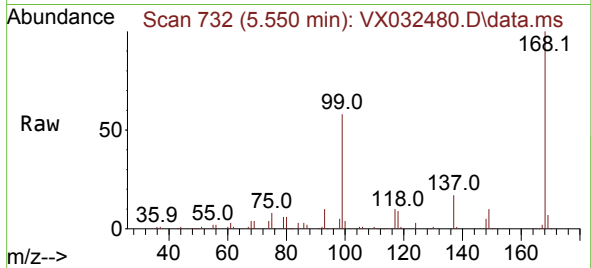




#36
1,1-Dichloropropene
Concen: 4.804 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

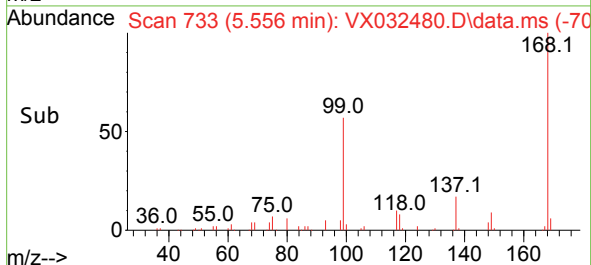
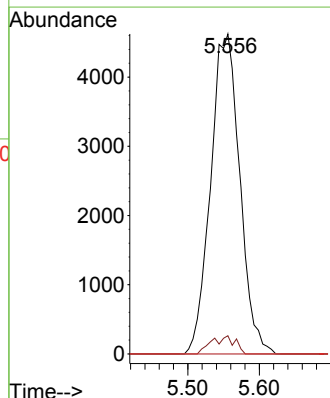
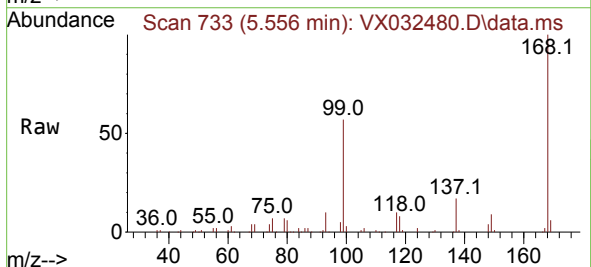
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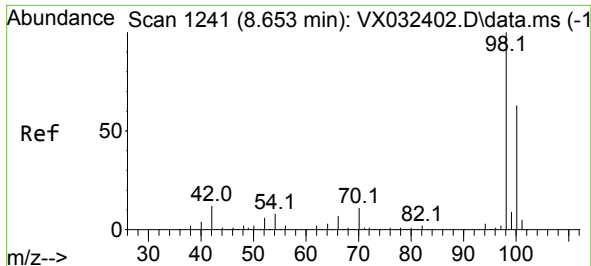
Tgt Ion: 75 Resp: 9944
Ion Ratio Lower Upper
75 100
110 4.7 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.704 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

Tgt Ion: 117 Resp: 13095
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 25.8 38.6#

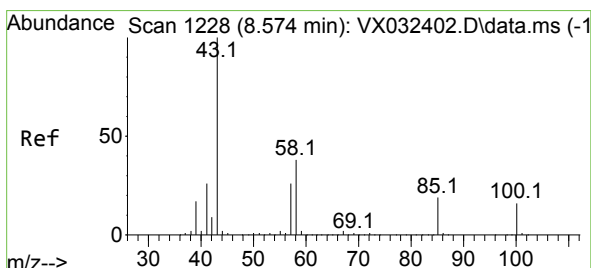
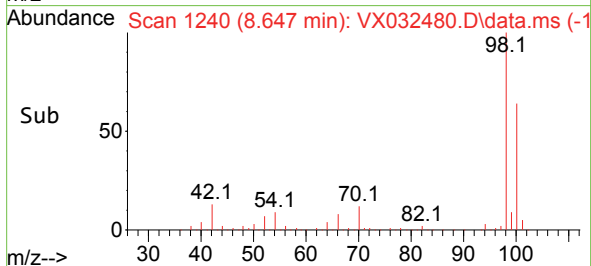
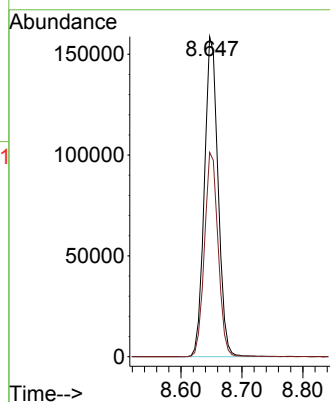
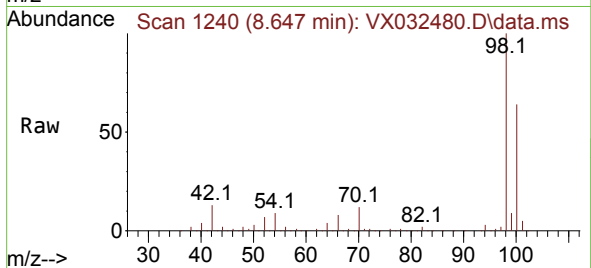




#50
Toluene-d8
Concen: 47.915 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

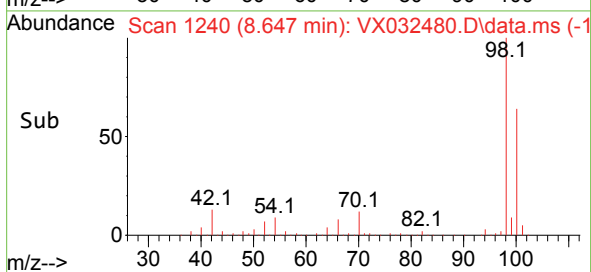
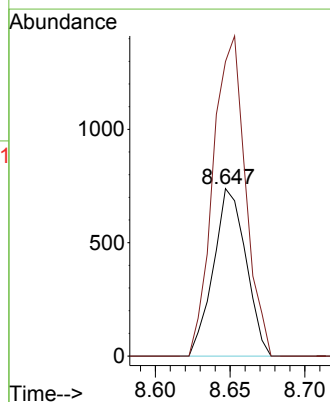
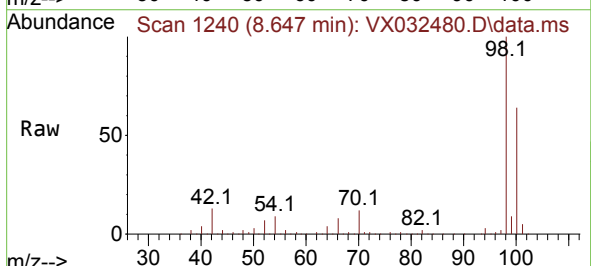
Instrument :
MSVOA_X
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265393-7

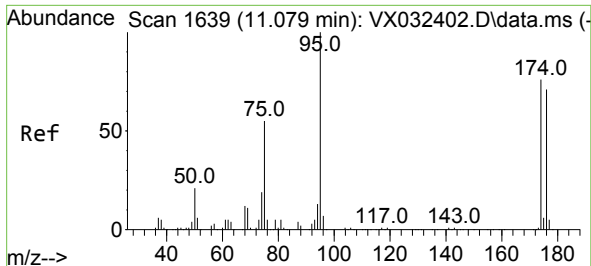
Tgt Ion: 98 Resp: 247636
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.536 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

Tgt Ion: 43 Resp: 1116
Ion Ratio Lower Upper
43 100
58 190.1 30.9 46.3#

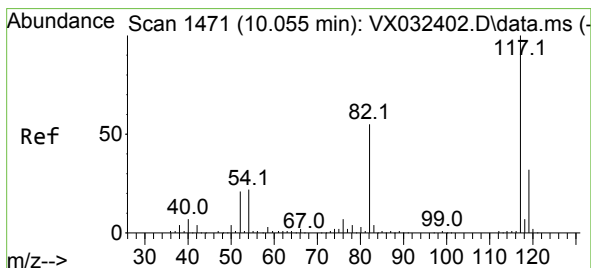
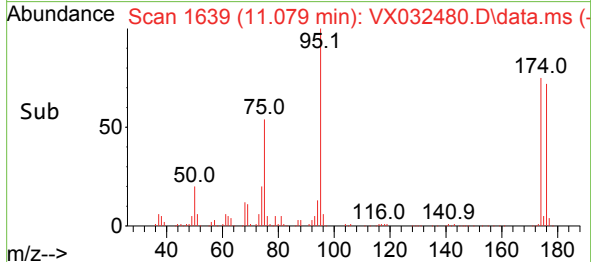
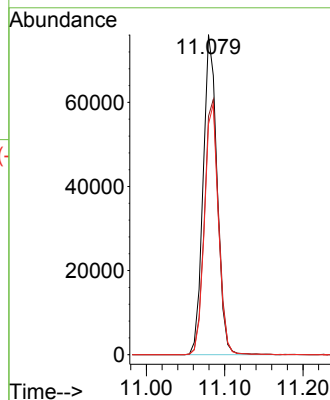
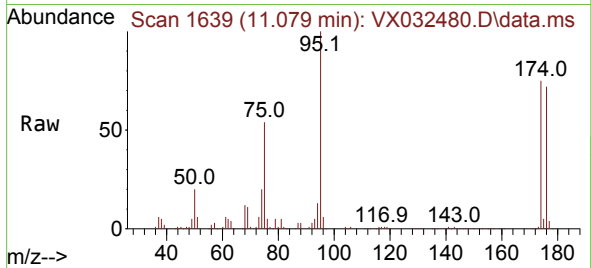




#62
4-Bromofluorobenzene
Concen: 46.560 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

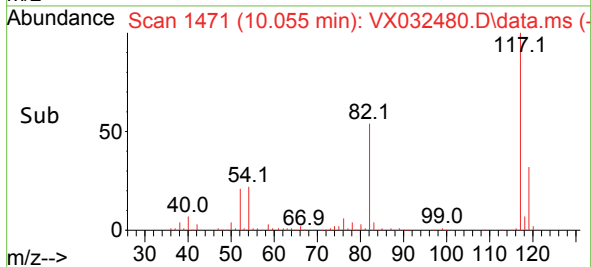
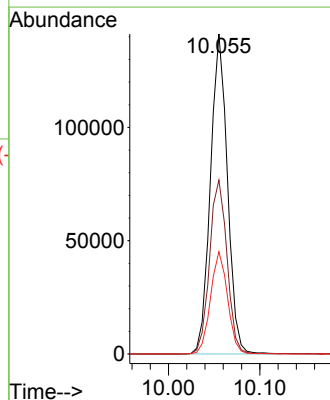
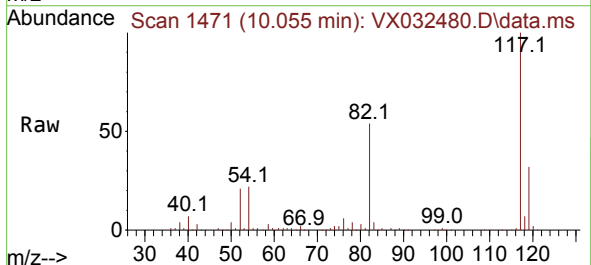
Instrument :
MSVOA_X
ClientSampleId :
265393-7

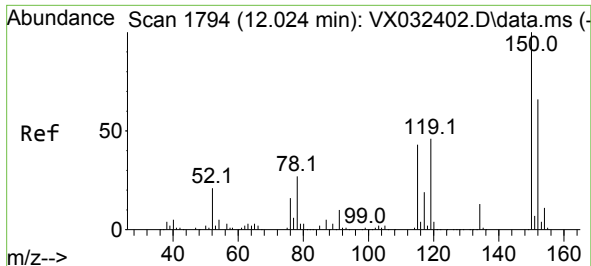
Tgt Ion: 95 Resp: 93996
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 78.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032480.D
Acq: 31 Oct 2022 12:14

Tgt Ion: 117 Resp: 181920
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 32.0 25.7 38.5

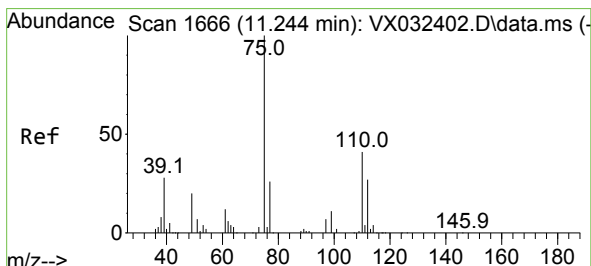
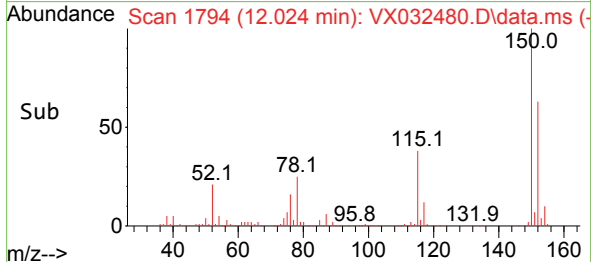
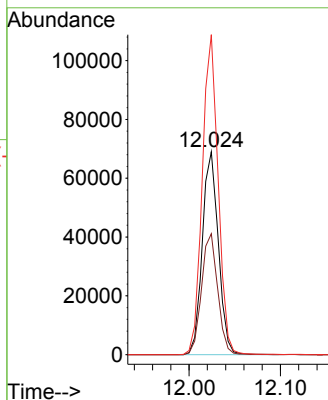
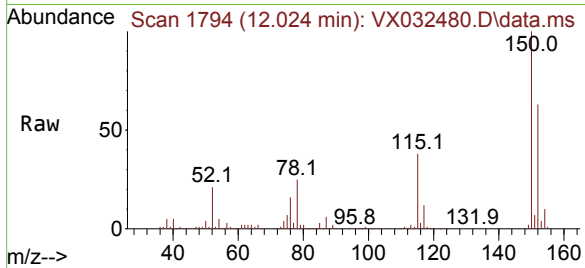




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032480.D
 Acq: 31 Oct 2022 12:14

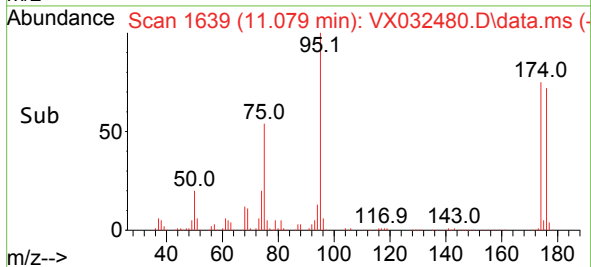
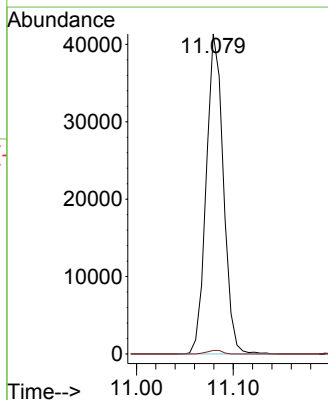
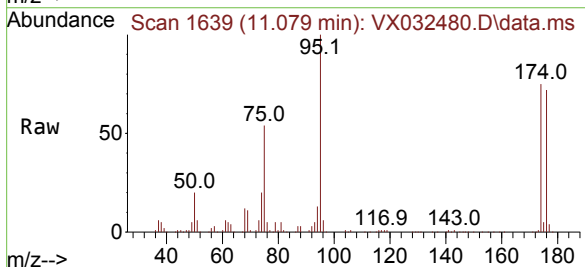
Instrument :
 MSVOA_X
 ClientSampleId :
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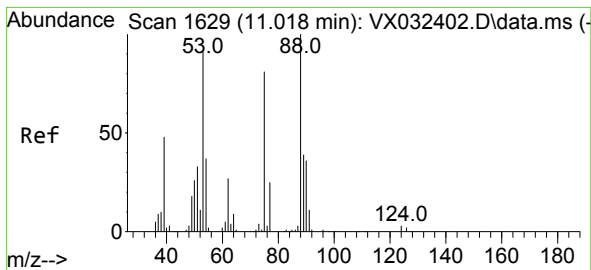
Tgt Ion:152 Resp: 83907
 Ion Ratio Lower Upper
 152 100
 115 60.1 44.0 132.0
 150 155.9 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 27.330 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX032480.D
 Acq: 31 Oct 2022 12:14

Tgt Ion: 75 Resp: 51017
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#

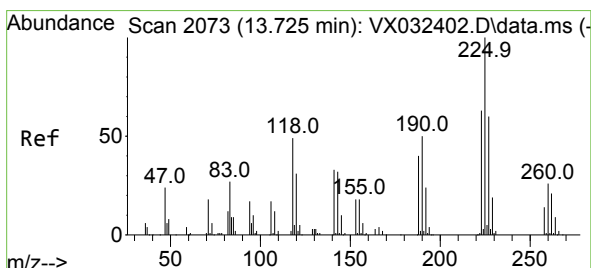
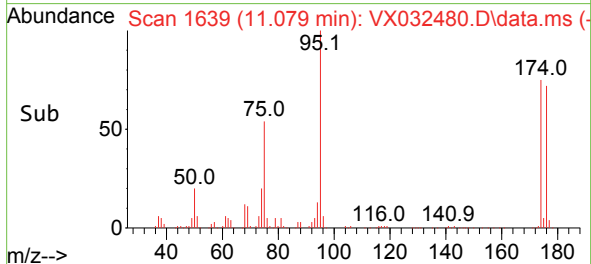
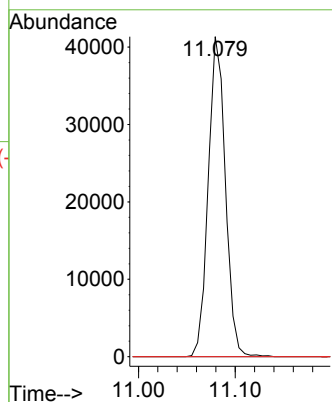
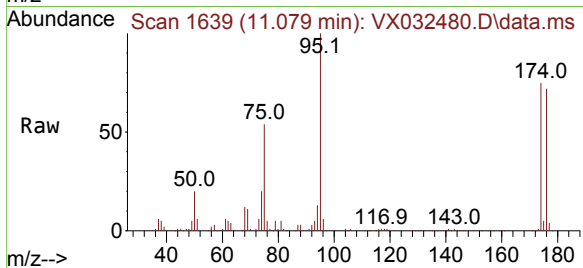




#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.964 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX032480.D
 Acq: 31 Oct 2022 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 265393-7

Tgt Ion: 75 Resp: 51017
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#



#94
 Hexachlorobutadiene
 Concen: 0.336 ug/l
 RT: 13.731 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VX032480.D
 Acq: 31 Oct 2022 12:14

Tgt Ion: 225 Resp: 277
 Ion Ratio Lower Upper
 225 100
 223 56.0 31.9 95.9
 227 51.6 31.9 95.5

