

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
 Data File : VX024154.D
 Acq On : 10 Sep 2021 10:25
 Operator : JC/MD
 Sample : VX0910MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 11 04:18:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

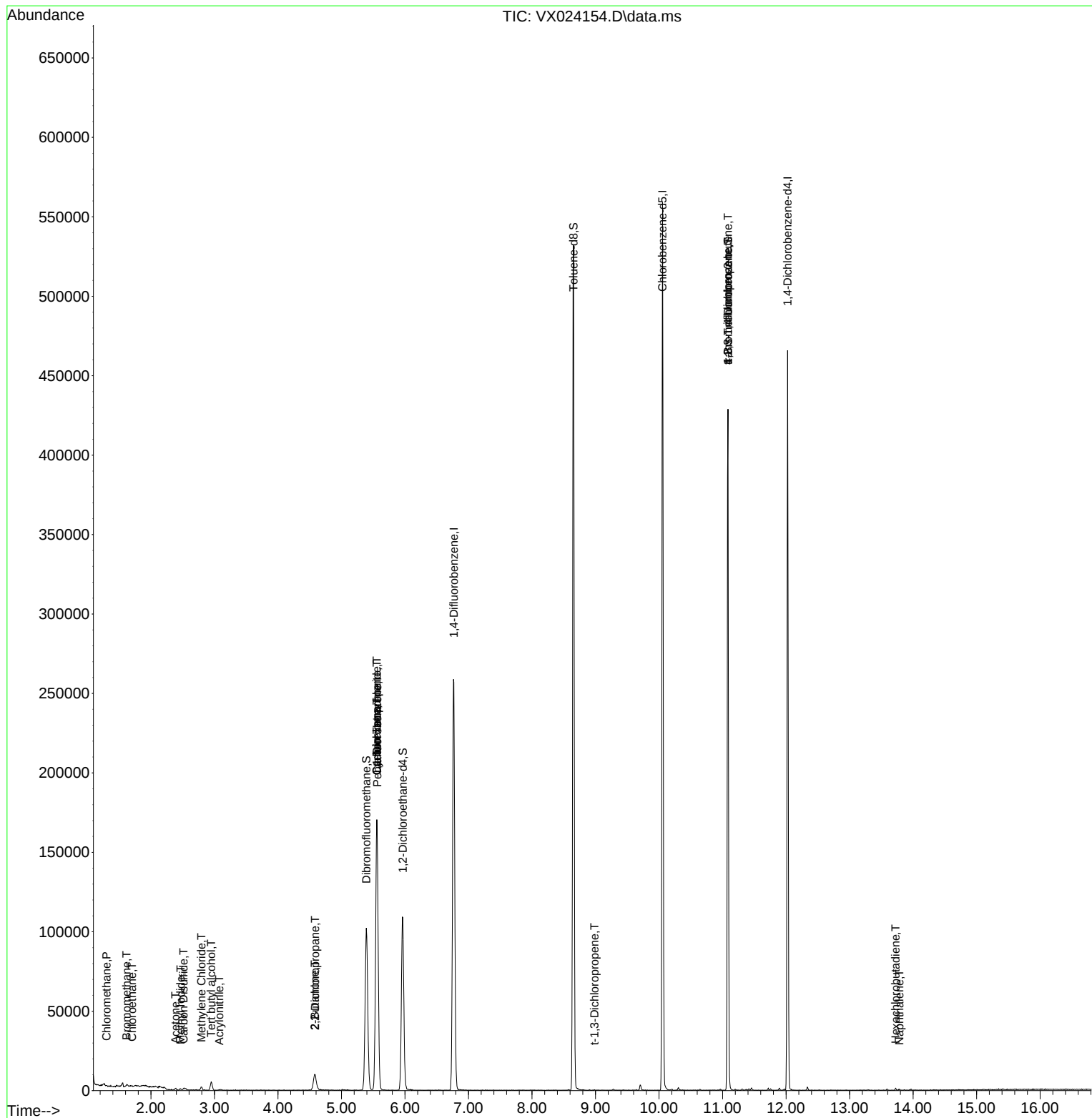
Internal Standards						
1) Pentafluorobenzene	5.562	168	158727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	264600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112923	50.974	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.940%
35) Dibromofluoromethane	5.391	113	87652	50.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.100%
50) Toluene-d8	8.653	98	321492	48.231	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.460%
62) 4-Bromofluorobenzene	11.085	95	111349	45.378	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.760%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	391	0.213	ug/l	89
5) Bromomethane	1.618	94	817	0.725	ug/l #	54
6) Chloroethane	1.703	64	181	2.333	ug/l #	43
10) Methyl Iodide	2.465	142	1072	0.483	ug/l #	92
11) Tert butyl alcohol	2.947	59	3030	6.763	ug/l #	73
15) Acrylonitrile	3.075	53	201	0.201	ug/l #	74
16) Acetone	2.386	43	1130	1.141	ug/l	93
17) Carbon Disulfide	2.514	76	1224	0.337	ug/l #	75
20) Methylene Chloride	2.794	84	1021	0.540	ug/l #	87
25) 2-Butanone	4.580	43	872	0.581	ug/l #	81
26) 2,2-Dichloropropane	4.587	77	808	0.316	ug/l #	52
31) Cyclohexane	5.556	56	3451	1.213	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	12546	5.120	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16244	6.357	ug/l #	15
53) t-1,3-Dichloropropene	8.982	75	140	2.180	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	59803	27.496	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59803	80.881	ug/l #	12
94) Hexachlorobutadiene	13.725	225	285	0.346	ug/l	89
95) Naphthalene	13.786	128	797	1.396	ug/l #	76

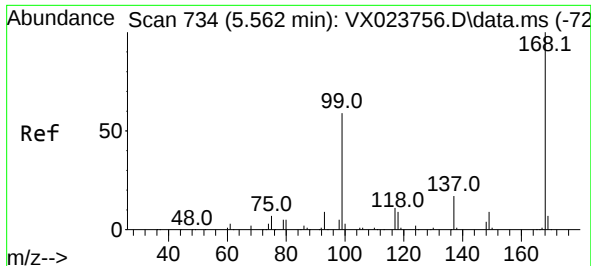
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
Data File : VX024154.D
Acq On : 10 Sep 2021 10:25
Operator : JC/MD
Sample : VX0910MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 11 04:18:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

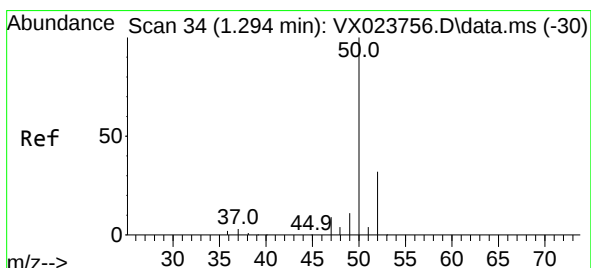
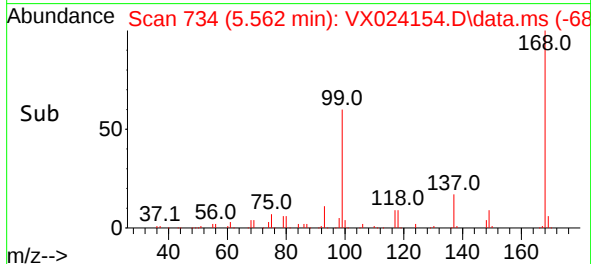
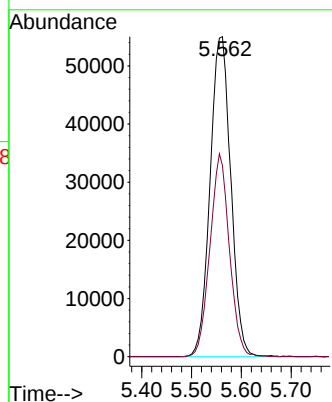
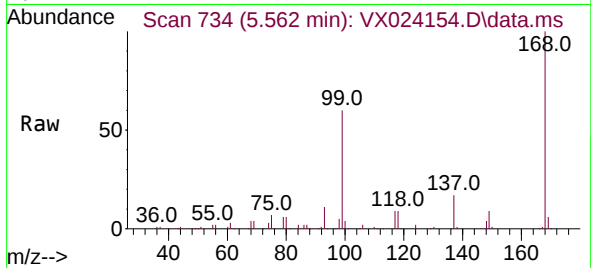




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

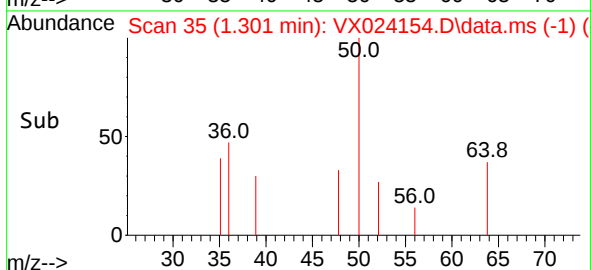
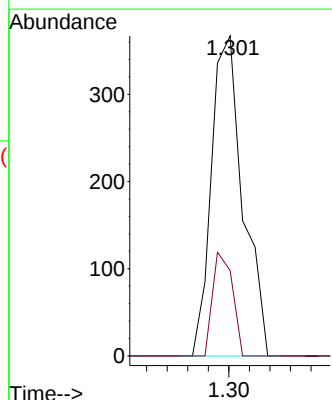
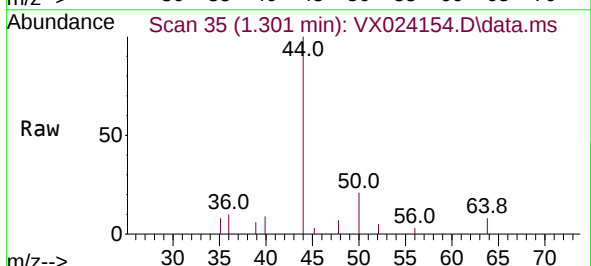
Instrument :
MSVOA_X
ClientSampleId :

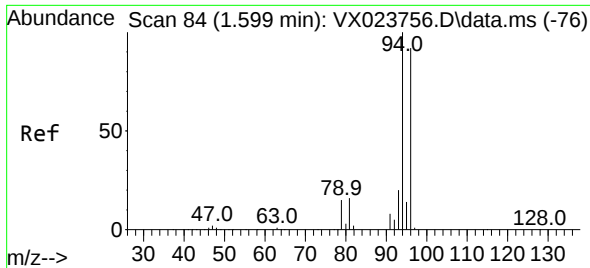
Tgt Ion:168 Resp: 158727
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.6



#3
Chloromethane
Concen: 0.213 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

Tgt Ion: 50 Resp: 391
Ion Ratio Lower Upper
50 100
52 26.7 26.4 39.6

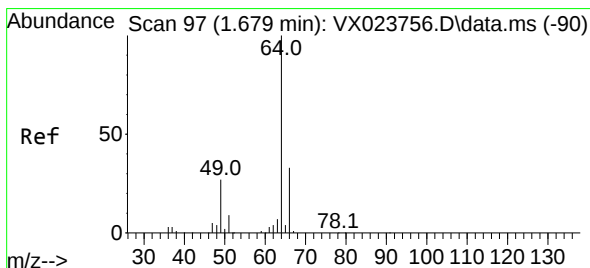
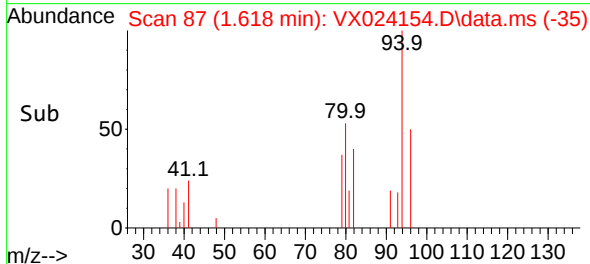
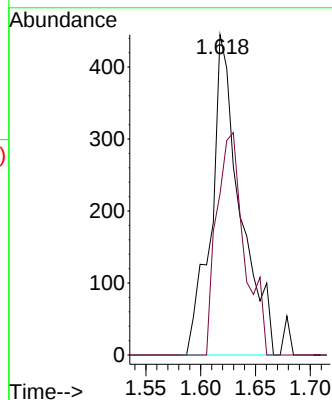
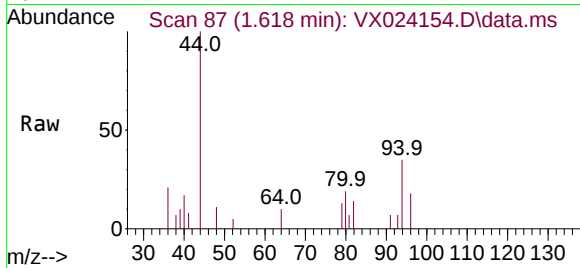




#5
Bromomethane
Concen: 0.725 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

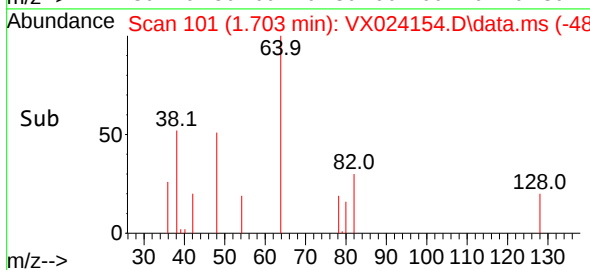
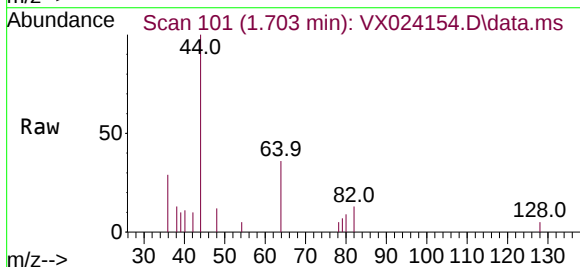
Instrument :
MSVOA_X
ClientSampled :

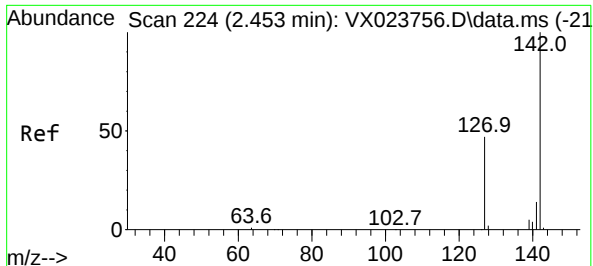
Tgt Ion: 94 Resp: 817
Ion Ratio Lower Upper
94 100
96 50.3 76.4 114.6#



#6
Chloroethane
Concen: 2.333 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

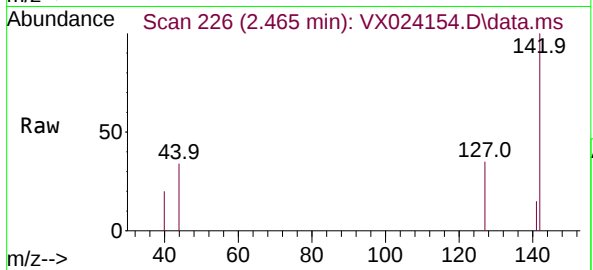
Tgt Ion: 64 Resp: 181
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



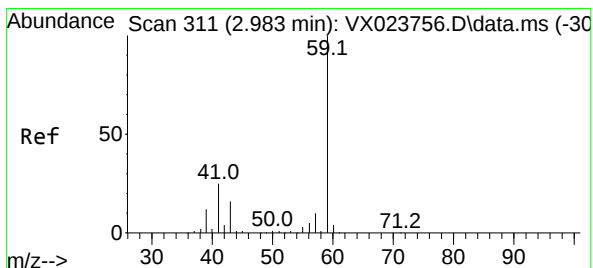
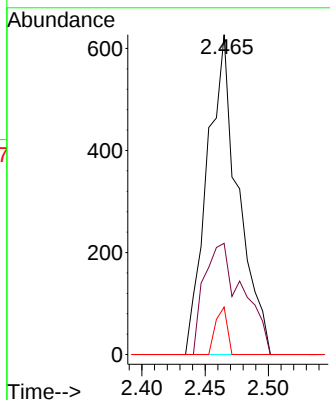
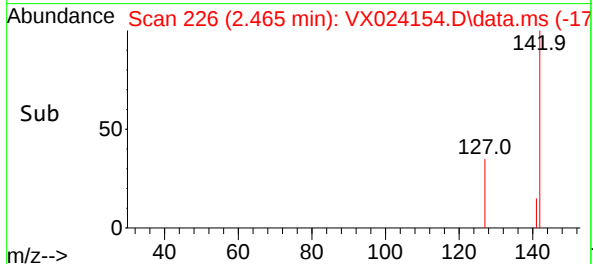


#10
Methyl Iodide
Concen: 0.483 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

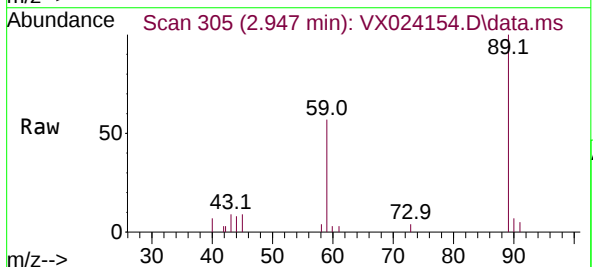
Instrument :
MSVOA_X
ClientSampled :



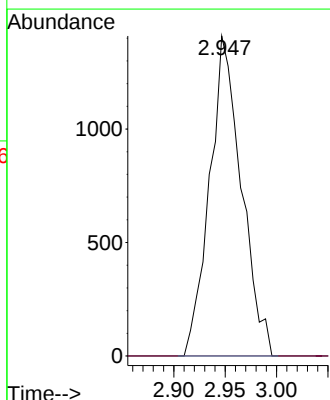
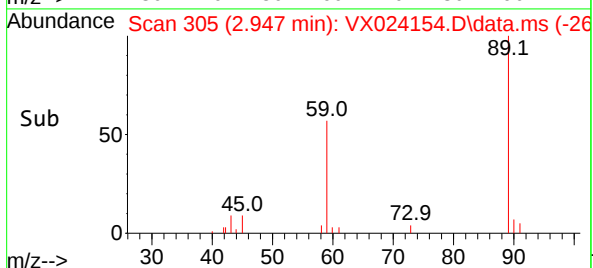
Tgt Ion:142 Resp: 1072
Ion Ratio Lower Upper
142 100
127 43.4 33.3 49.9
141 5.5 11.4 17.0#

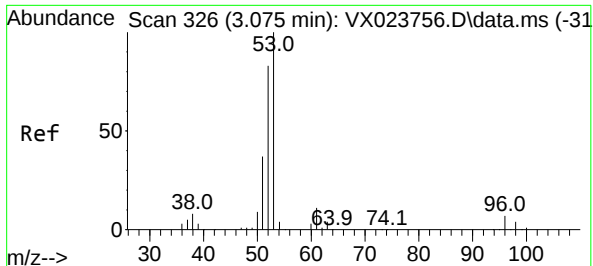


#11
Tert butyl alcohol
Concen: 6.763 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25



Tgt Ion: 59 Resp: 3030
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

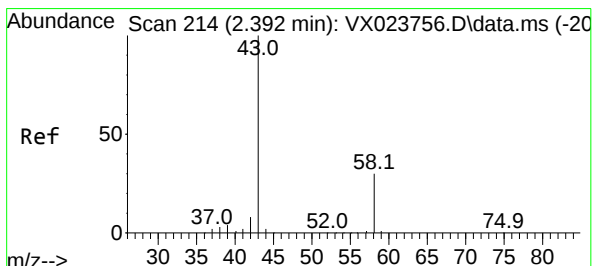
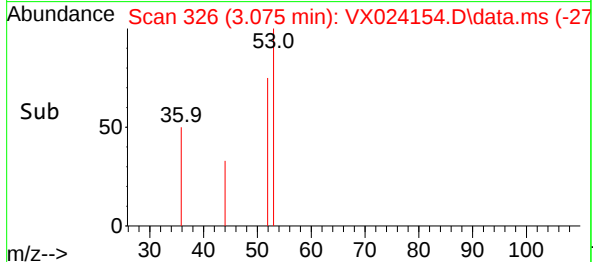
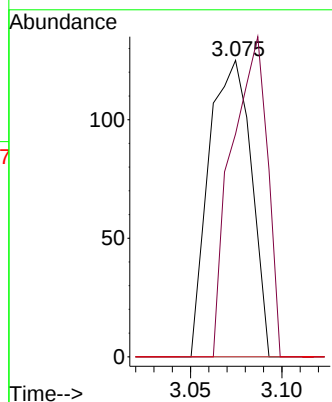
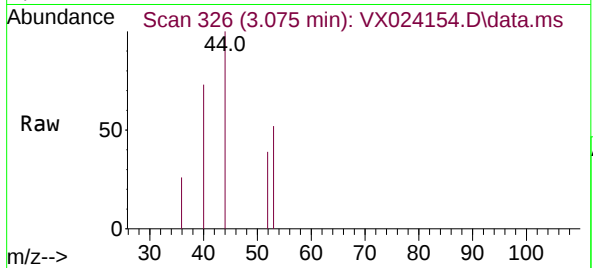




#15
Acrylonitrile
Concen: 0.201 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

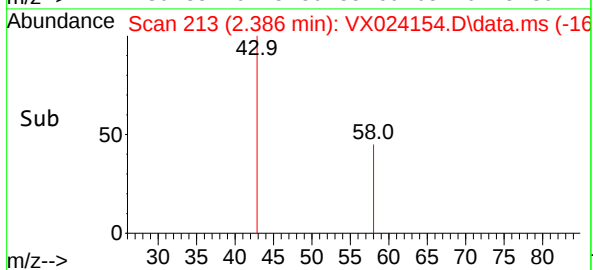
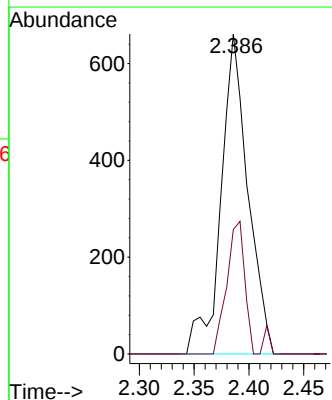
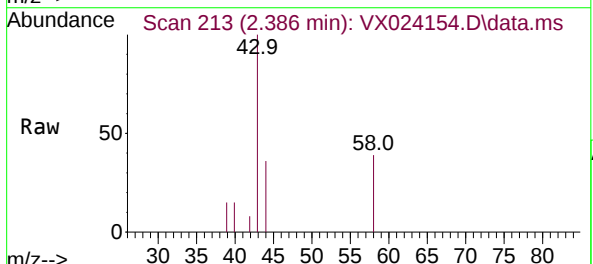
Instrument :
MSVOA_X
ClientSampled :

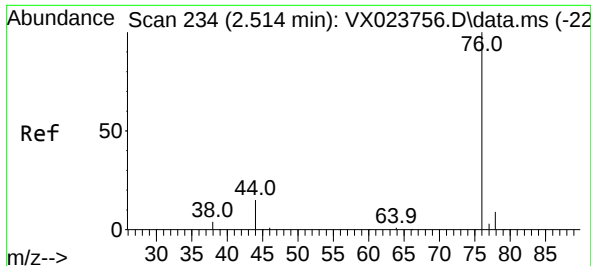
Tgt Ion: 53	Resp:	201
Ion	Ratio	Lower Upper
53	100	
52	91.0	65.3 97.9
51	0.0	28.2 42.2#



#16
Acetone
Concen: 1.141 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

Tgt Ion: 43	Resp:	1130
Ion	Ratio	Lower Upper
43	100	
58	38.9	27.8 41.8

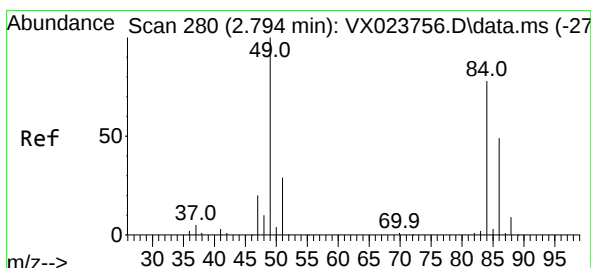
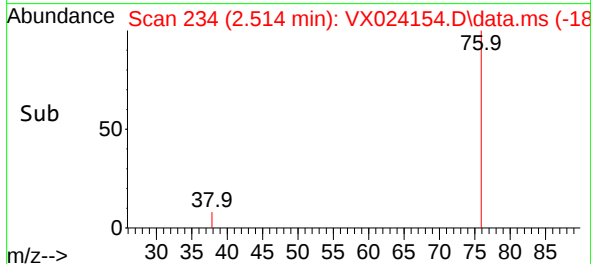
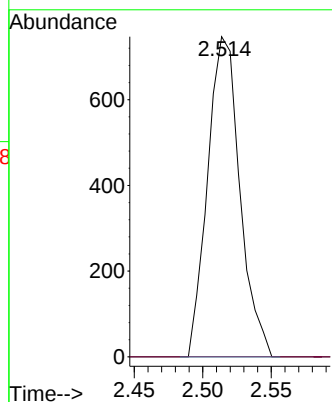
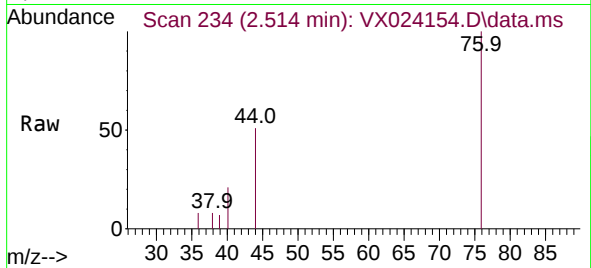




#17
Carbon Disulfide
Concen: 0.337 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

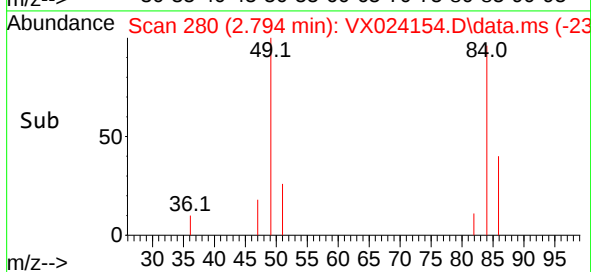
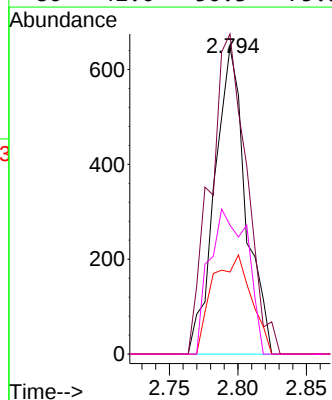
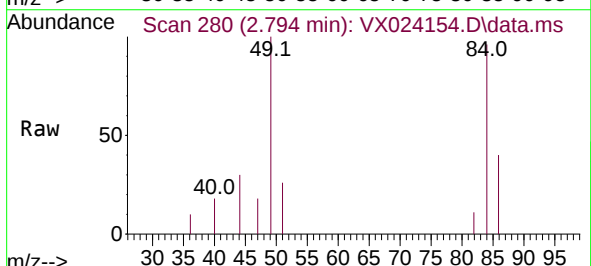
Instrument :
MSVOA_X
ClientSampled :

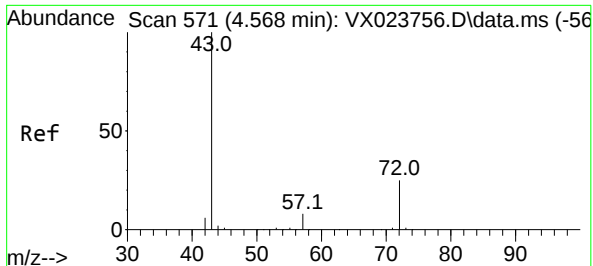
Tgt Ion: 76 Resp: 1224
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.540 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

Tgt Ion: 84 Resp: 1021
Ion Ratio Lower Upper
84 100
49 104.3 88.6 132.8
51 26.7 27.0 40.6#
86 42.0 50.3 75.5#





#25

2-Butanone

Concen: 0.581 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX024154.D

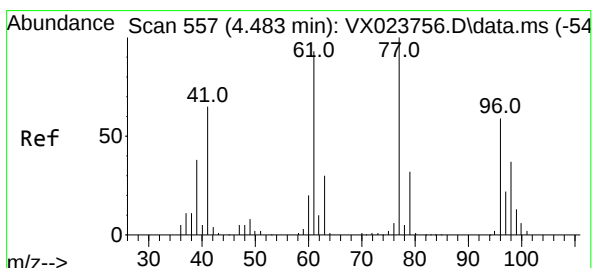
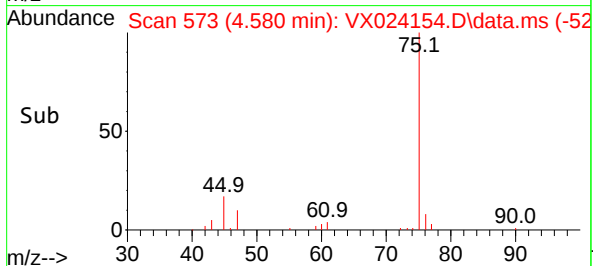
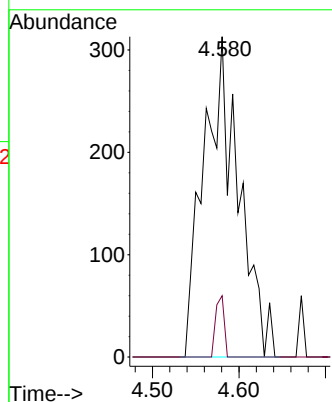
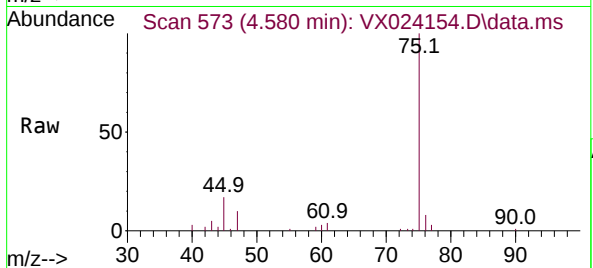
Acq: 10 Sep 2021 10:25

Tgt Ion: 43 Resp: 872

Ion Ratio Lower Upper

43 100

72 19.2 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.316 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.104 min

Lab File: VX024154.D

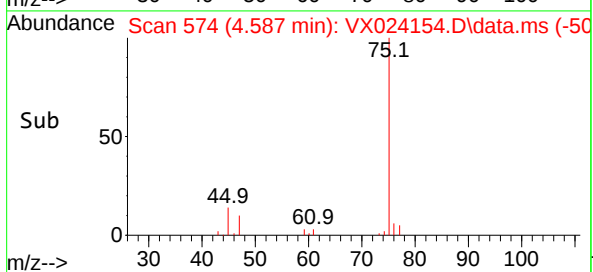
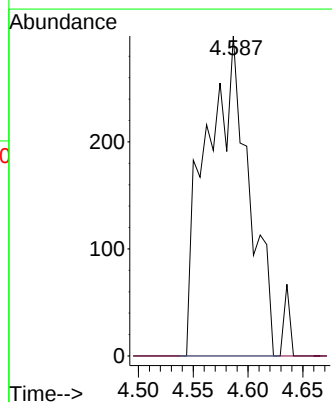
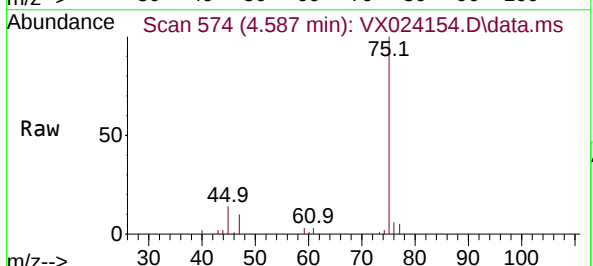
Acq: 10 Sep 2021 10:25

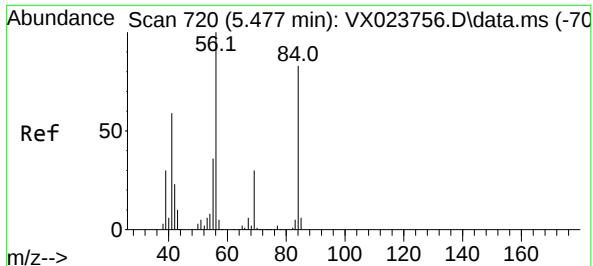
Tgt Ion: 77 Resp: 808

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#

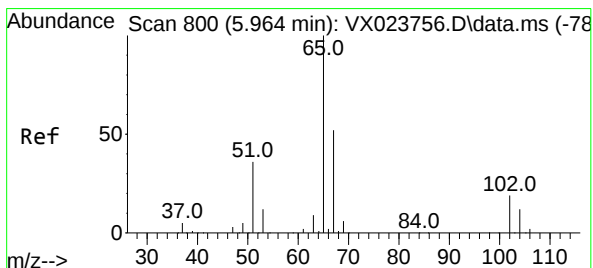
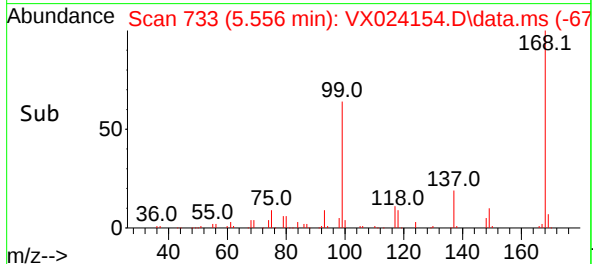
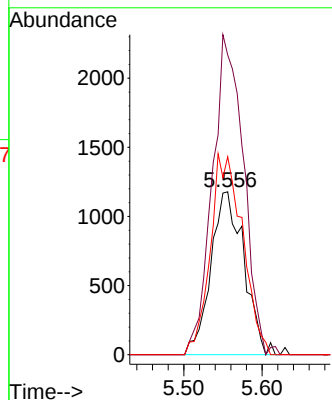
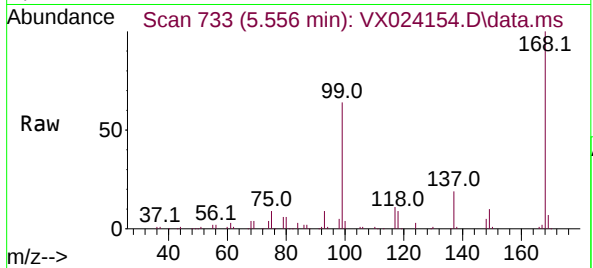




#31
Cyclohexane
Concen: 1.213 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

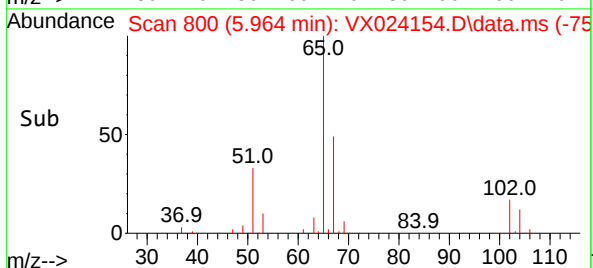
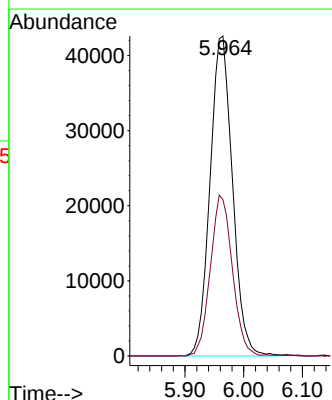
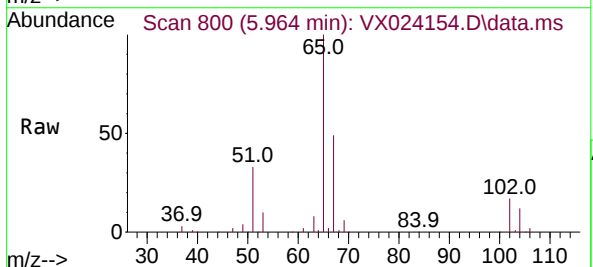
Instrument :
MSVOA_X
ClientSampleId :

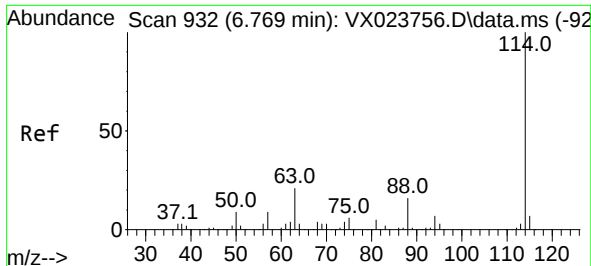
Tgt Ion: 56 Resp: 3451
Ion Ratio Lower Upper
56 100
69 183.9 25.3 37.9#
84 121.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.974 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

Tgt Ion: 65 Resp: 112923
Ion Ratio Lower Upper
65 100
67 49.3 0.0 105.4

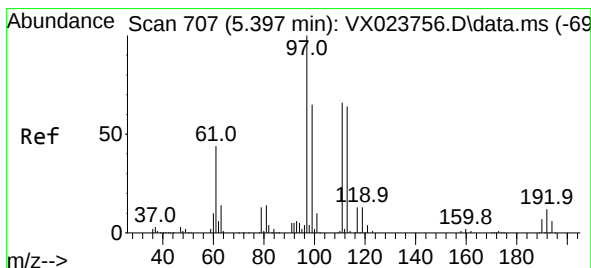
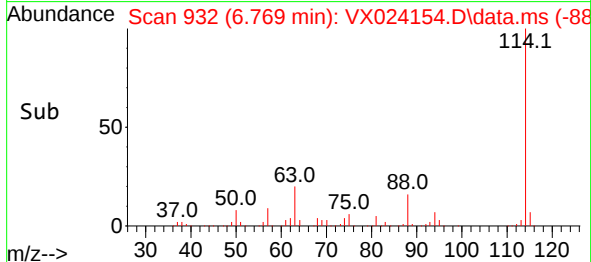
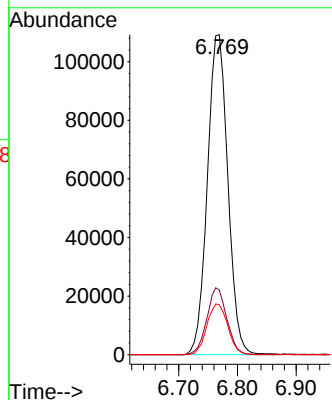
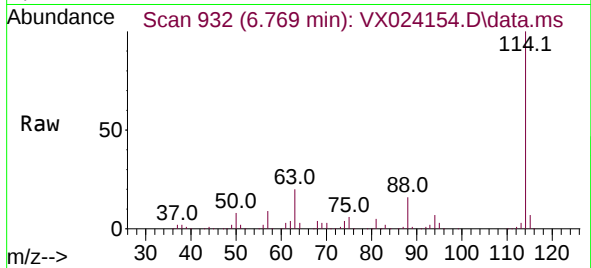




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

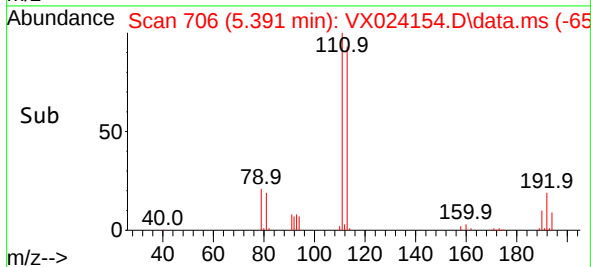
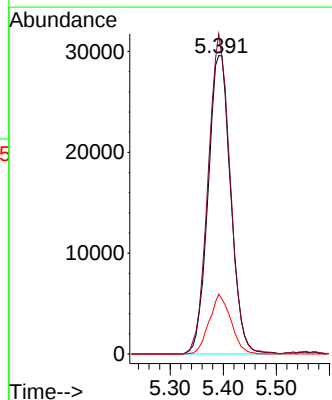
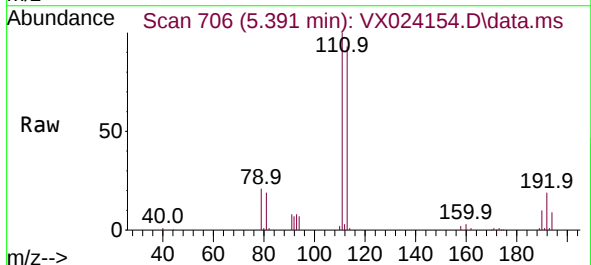
Instrument :
MSVOA_X
ClientSampleId :

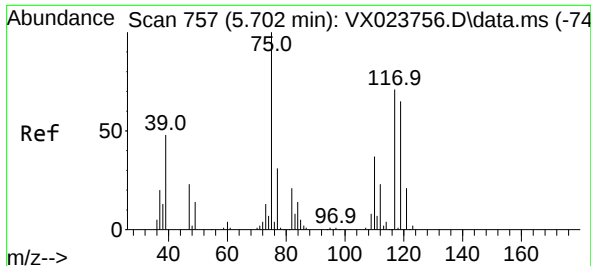
Tgt Ion:114 Resp: 264600
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.049 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

Tgt Ion:113 Resp: 87652
Ion Ratio Lower Upper
113 100
111 104.5 81.9 122.9
192 19.1 16.7 25.1

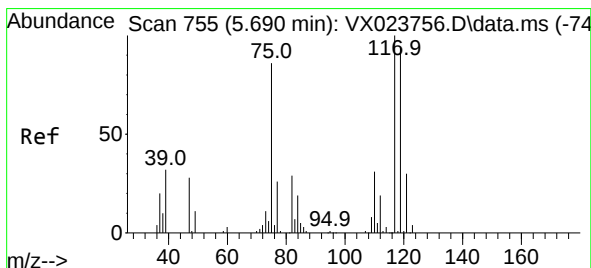
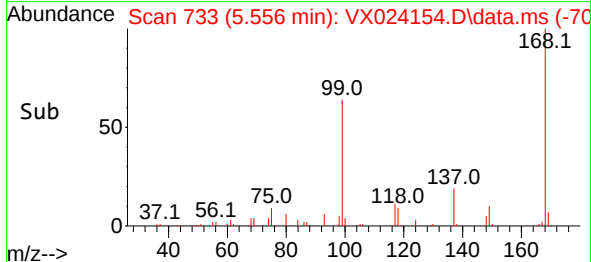
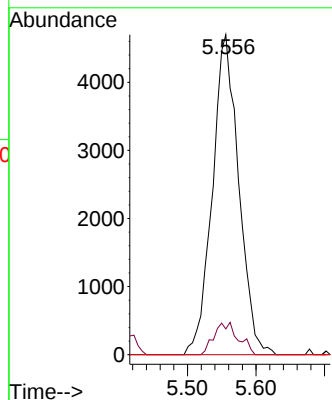
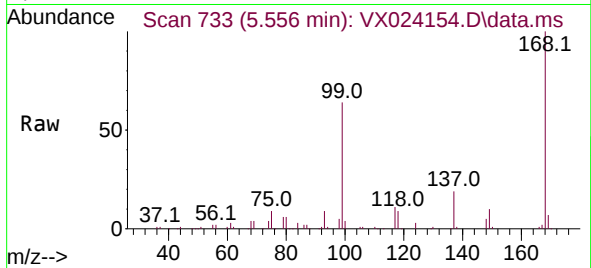




#36
1,1-Dichloropropene
Concen: 5.120 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

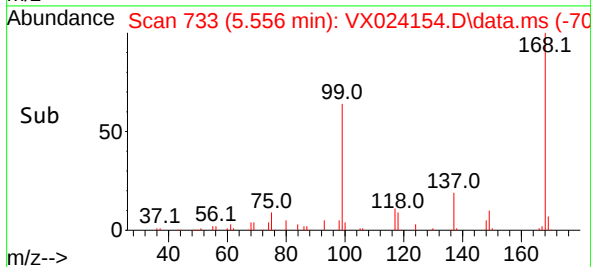
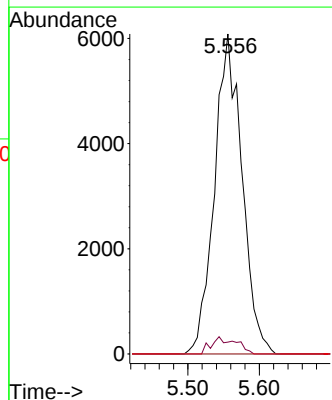
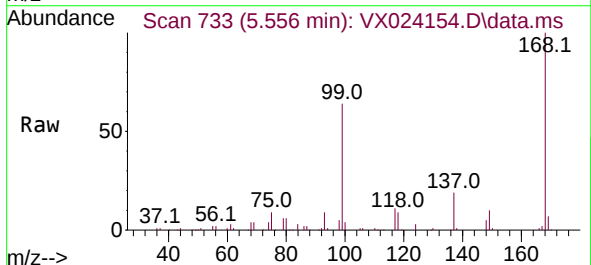
Instrument :
MSVOA_X
ClientSampled :

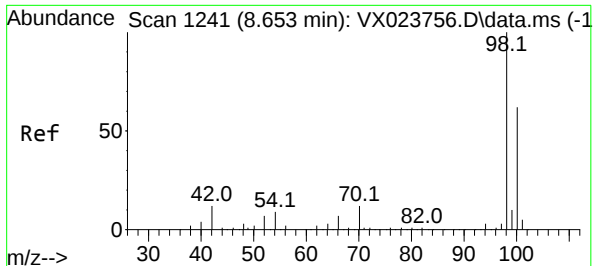
Tgt Ion: 75 Resp: 12546
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.357 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

Tgt Ion: 117 Resp: 16244
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.231 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024154.D

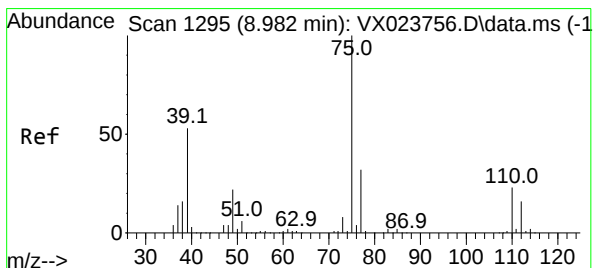
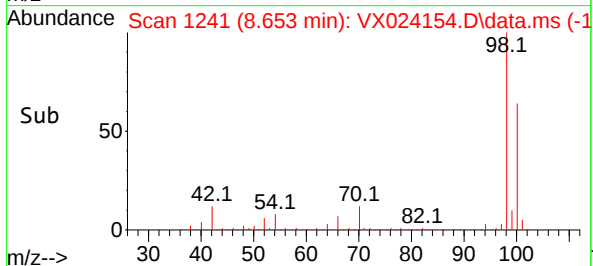
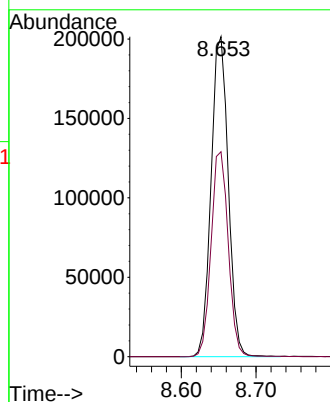
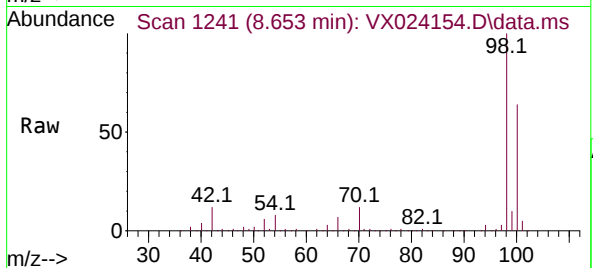
Acq: 10 Sep 2021 10:25

Tgt Ion: 98 Resp: 321492

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



#53

t-1,3-Dichloropropene

Concen: 2.180 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX024154.D

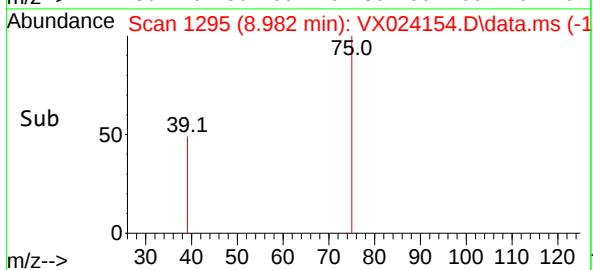
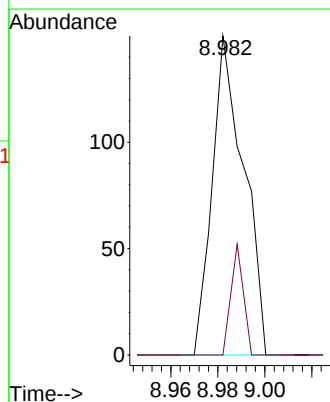
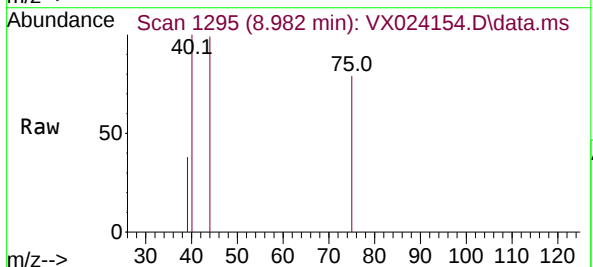
Acq: 10 Sep 2021 10:25

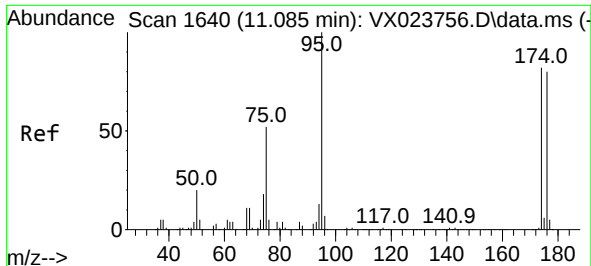
Tgt Ion: 75 Resp: 140

Ion Ratio Lower Upper

75 100

77 0.0 24.9 37.3#

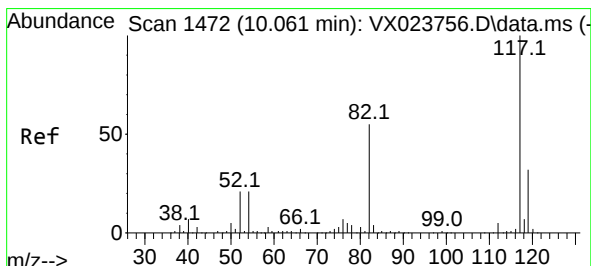
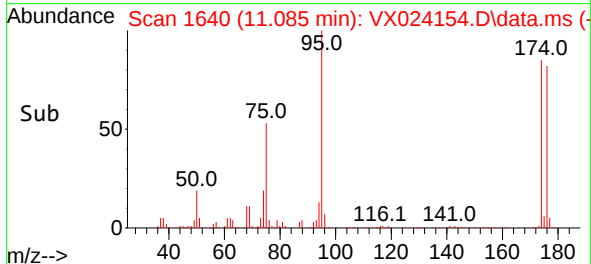
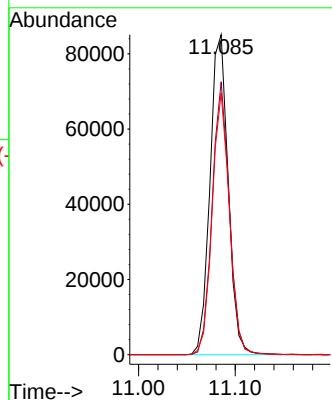
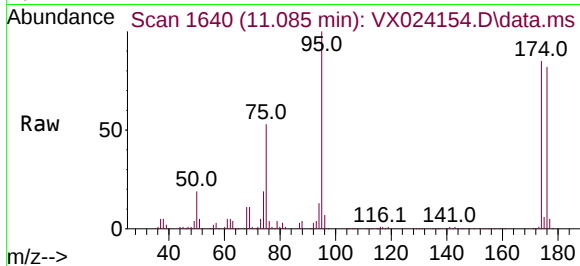




#62
4-Bromofluorobenzene
Concen: 45.378 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

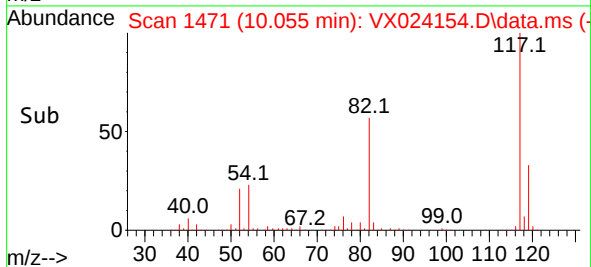
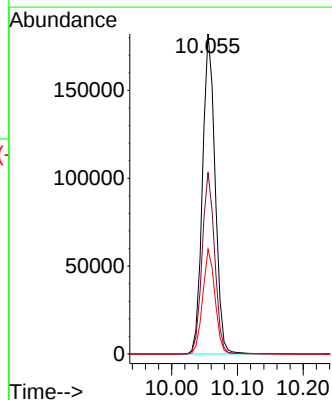
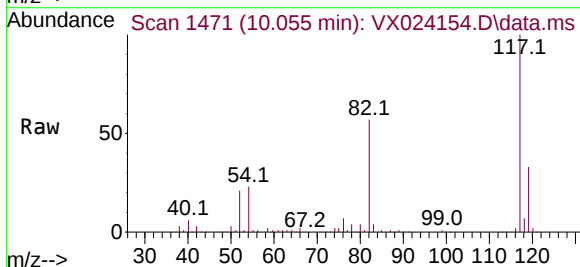
Instrument :
MSVOA_X
ClientSampled :

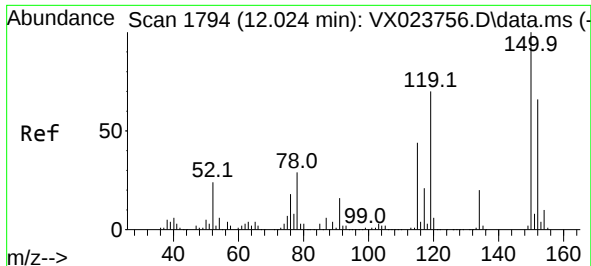
Tgt Ion: 95 Resp: 111349
Ion Ratio Lower Upper
95 100
174 80.5 0.0 154.6
176 77.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

Tgt Ion: 117 Resp: 242730
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 32.8 26.6 39.8

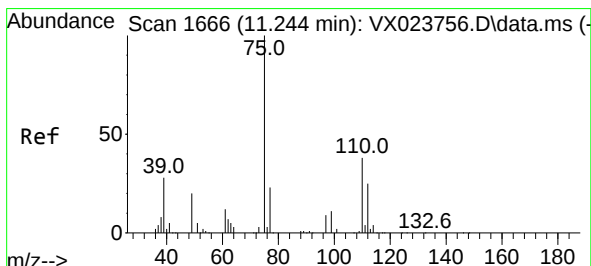
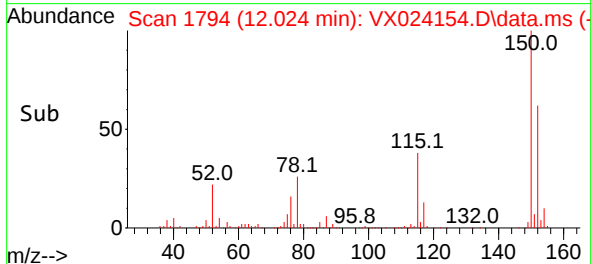
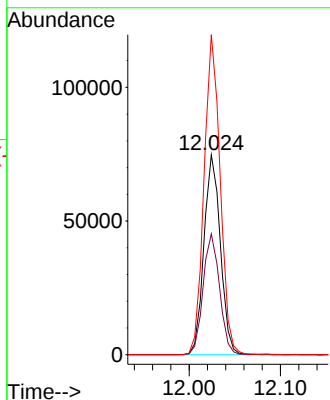
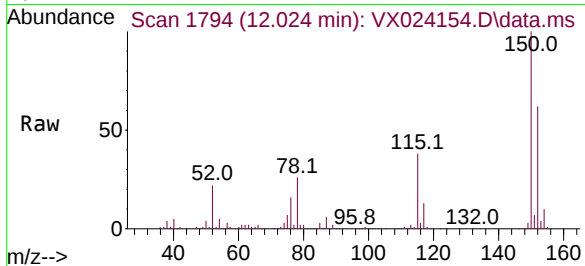




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

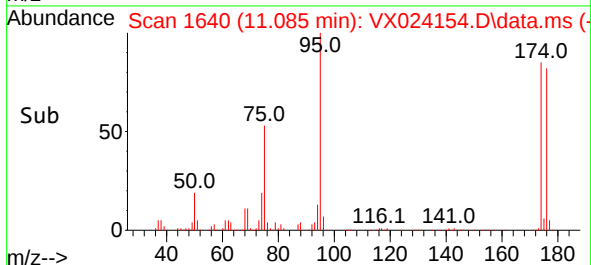
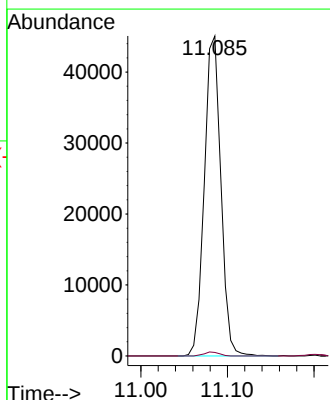
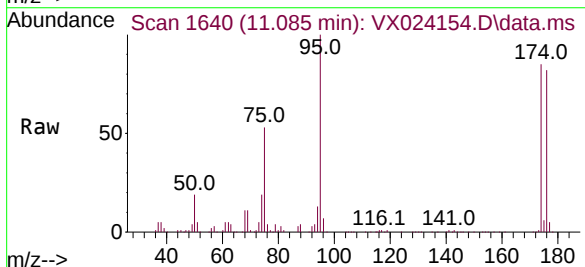
Instrument :
MSVOA_X
ClientSampled :

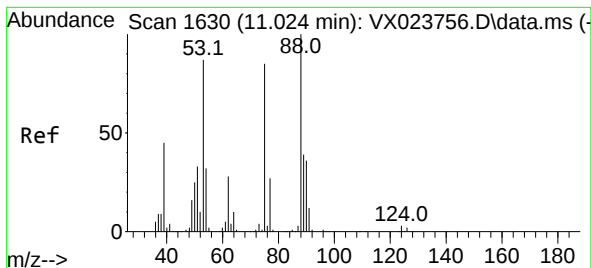
Tgt Ion:152 Resp: 93236
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 157.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.496 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

Tgt Ion: 75 Resp: 59803
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

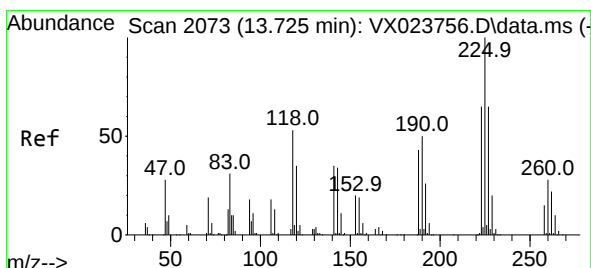
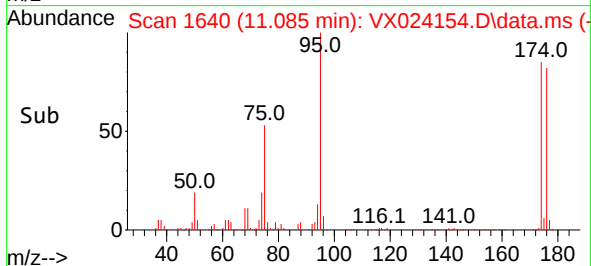
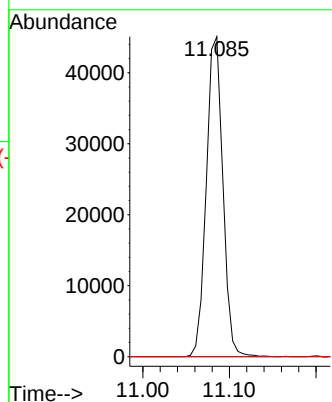
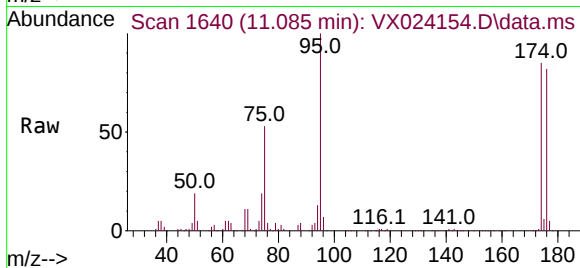




#81
trans-1,4-Dichloro-2-butene
Concen: 80.881 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

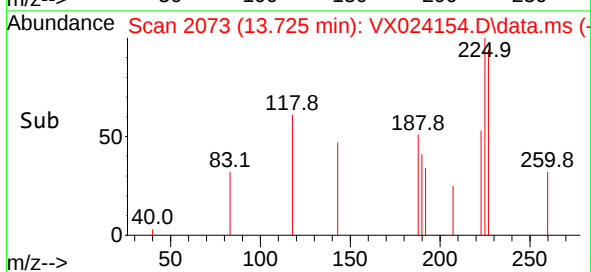
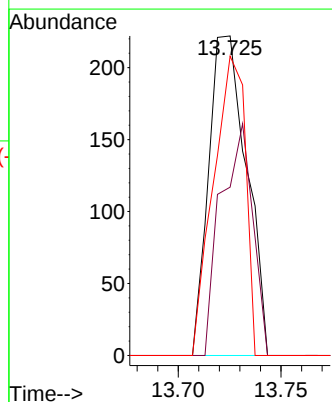
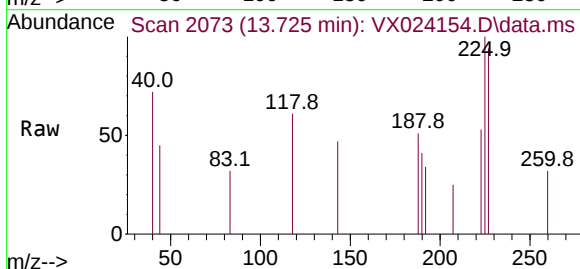
Instrument :
MSVOA_X
ClientSampled :

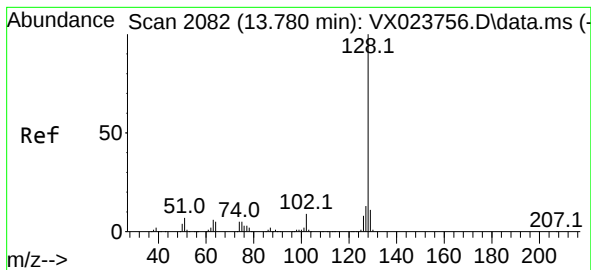
Tgt Ion: 75 Resp: 59803
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.346 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

Tgt Ion: 225 Resp: 285
Ion Ratio Lower Upper
225 100
223 60.7 31.1 93.2
227 78.9 31.6 95.0





#95
Naphthalene
Concen: 1.396 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024154.D
Acq: 10 Sep 2021 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 797
Ion Ratio Lower Upper
128 100
127 5.1 10.3 15.5#
129 0.0 8.8 13.2#

