

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033950.D
 Acq On : 30 Jan 2023 16:51
 Operator : JC/MD
 Sample : 01345-01 20X
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 31 04:49:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

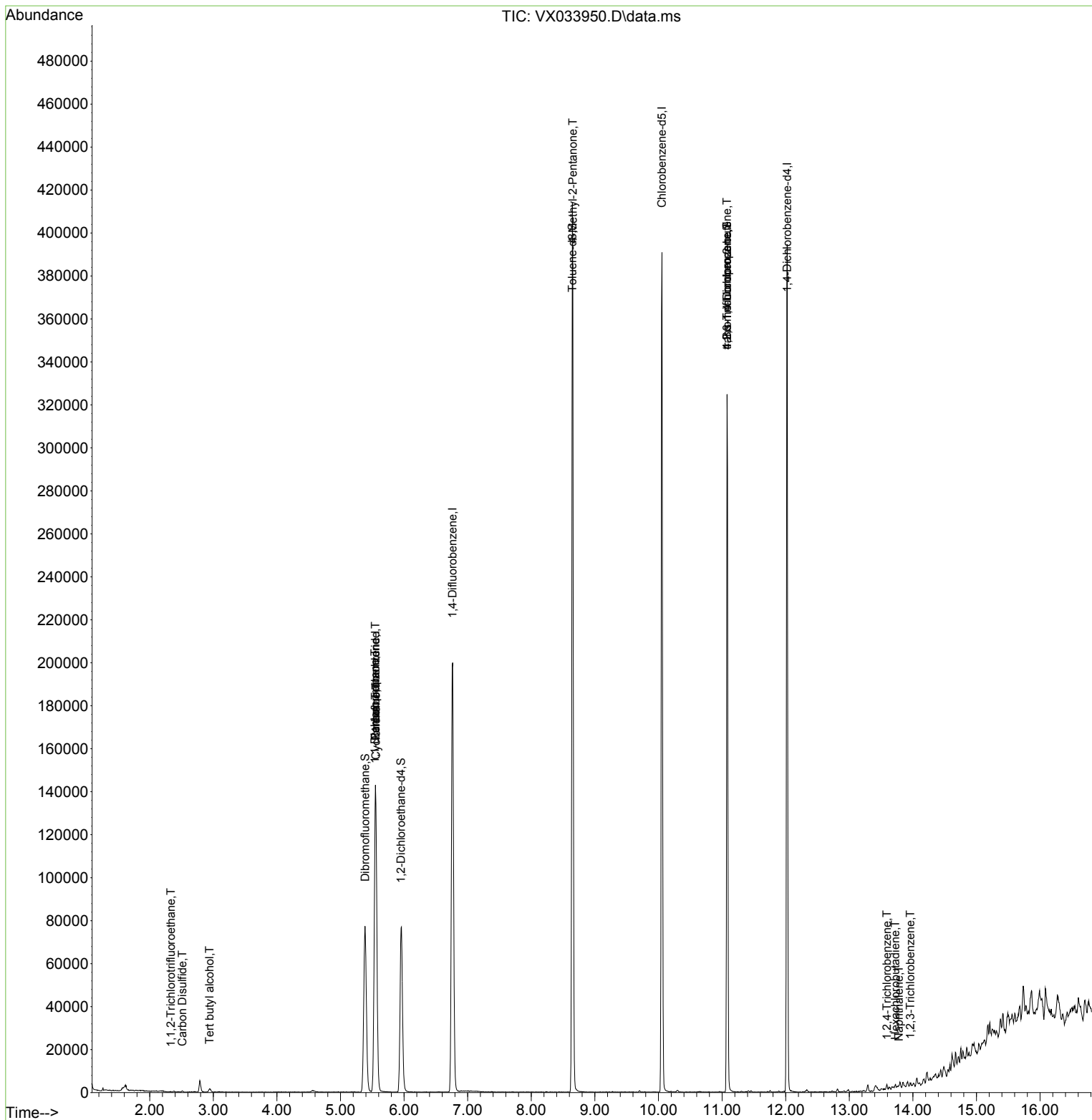
Internal Standards						
1) Pentafluorobenzene	5.550	168	156083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222343	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92424	50.000	ug/l	0.00

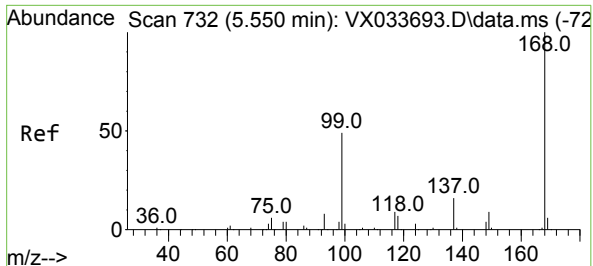
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73243	44.568	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.140%
35) Dibromofluoromethane	5.385	113	68119	49.339	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.680%
50) Toluene-d8	8.647	98	251065	49.910	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.820%
62) 4-Bromofluorobenzene	11.079	95	85969	46.030	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.060%

Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	23	0.737	ug/l #	16
11) Tert butyl alcohol	2.941	59	1022	3.580	ug/l #	86
16) Acetone	2.380	43	446	Below Cal	#	47
17) Carbon Disulfide	2.514	76	536	1.983	ug/l #	82
20) Methylene Chloride	2.782	84	2433	Below Cal	#	78
31) Cyclohexane	5.556	56	2256	0.933	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9102	4.517	ug/l #	48
38) Carbon Tetrachloride	5.550	117	12989	6.224	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1049	0.537	ug/l #	1
64) Tetrachloroethene	9.275	164	23	Below Cal	#	40
73) Isopropylbenzene	10.963	105	173	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	39756	23.411	ug/l #	34
79) 2-Chlorotoluene	11.366	91	137	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	39756	72.760	ug/l #	8
82) 4-Chlorotoluene	11.451	91	260	Below Cal		74
93) 1,2,4-Trichlorobenzene	13.591	180	461	0.227	ug/l	81
94) Hexachlorobutadiene	13.725	225	332	0.334	ug/l	69
95) Naphthalene	13.780	128	1329	0.228	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	515	0.254	ug/l	84

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

Quant Time: Jan 31 04:49:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

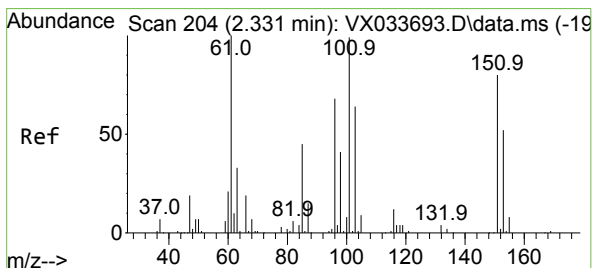
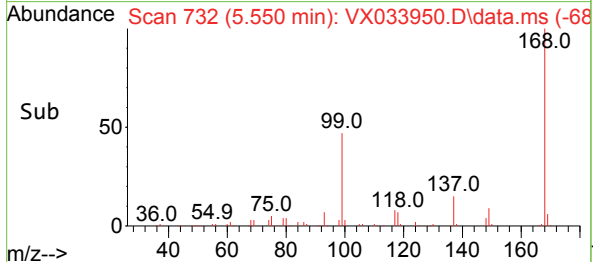
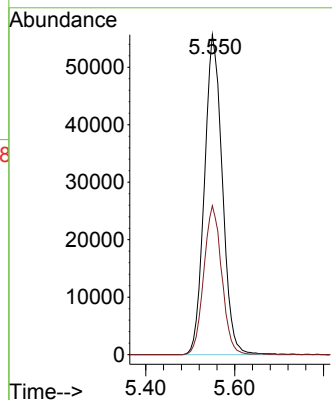
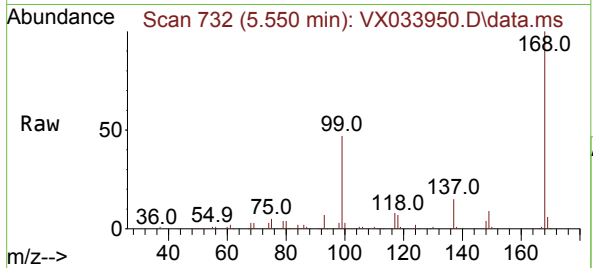




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

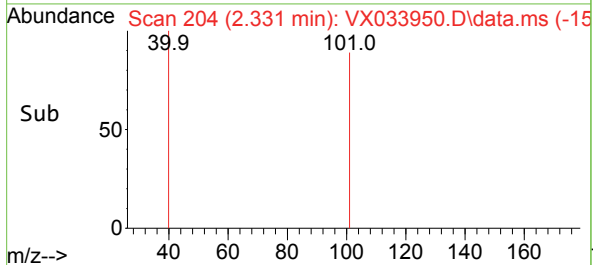
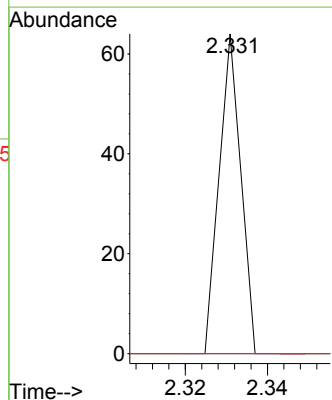
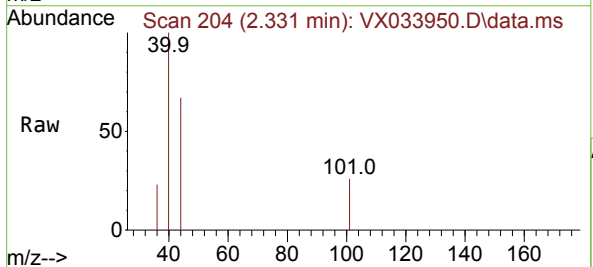
Instrument :
MSVOA_X
ClientSampleId :

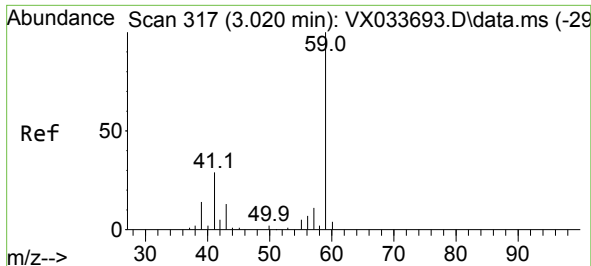
Tgt Ion:168 Resp: 156083
Ion Ratio Lower Upper
168 100
99 46.6 39.6 59.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.737 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

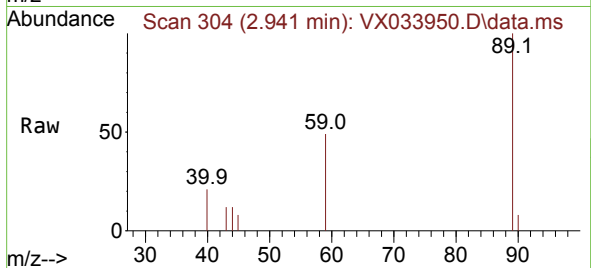
Tgt Ion:101 Resp: 23
Ion Ratio Lower Upper
101 100
85 0.0 36.7 55.1#
151 0.0 66.5 99.7#



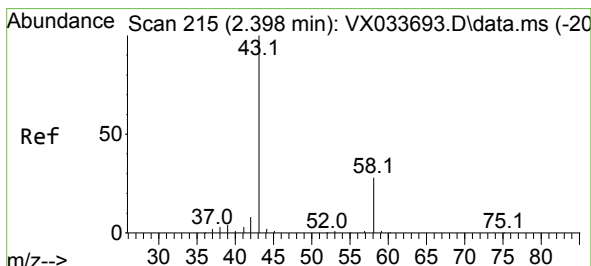
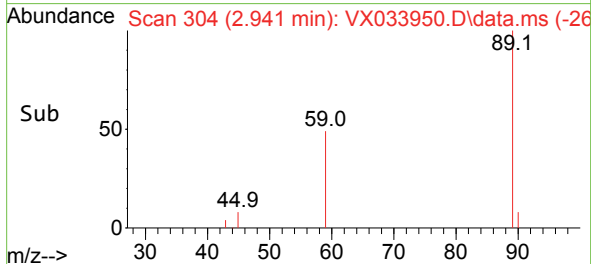
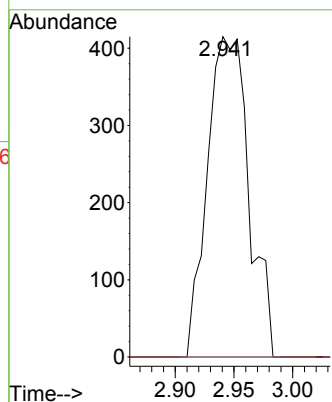


#11
Tert butyl alcohol
Concen: 3.580 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

Instrument :
MSVOA_X
ClientSampleId :

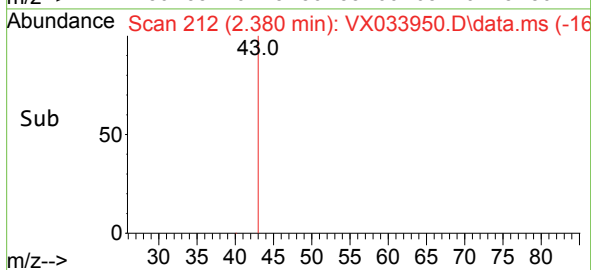
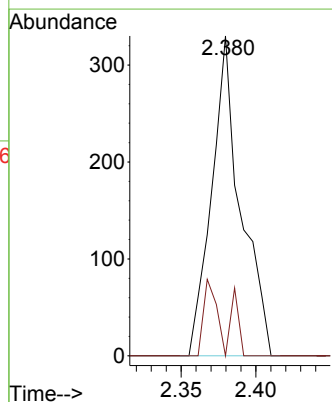
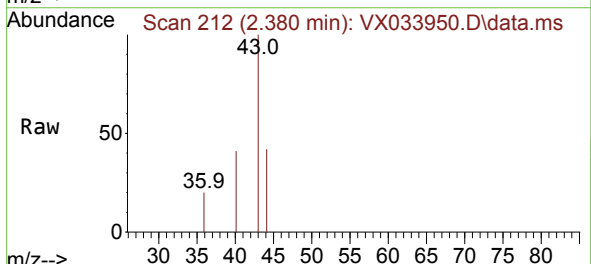


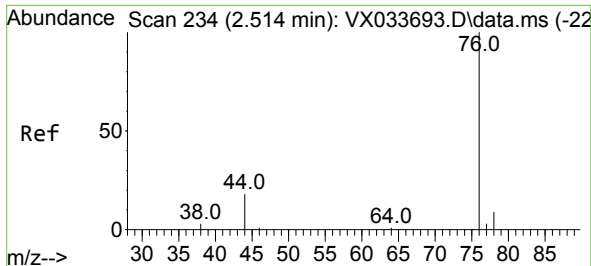
Tgt Ion: 59 Resp: 1022
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.018 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

Tgt Ion: 43 Resp: 446
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#





#17

Carbon Disulfide

Concen: 1.983 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

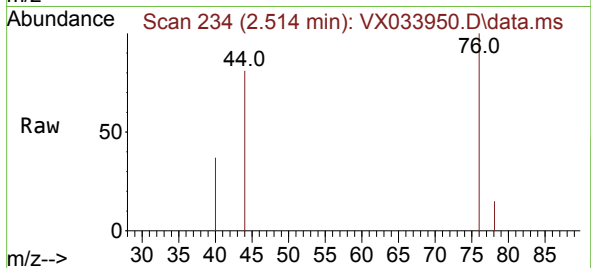
Lab File: VX033950.D

Acq: 30 Jan 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

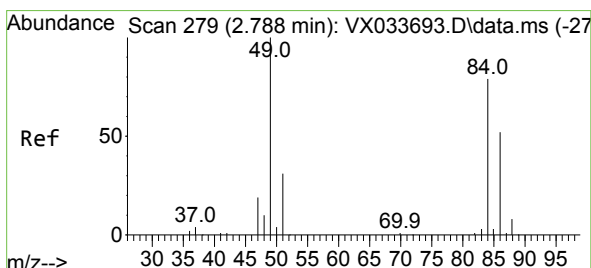
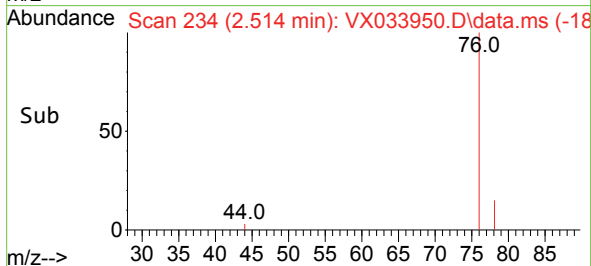
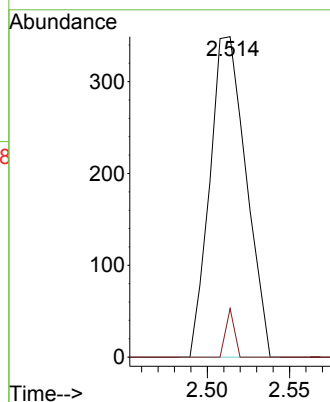


Tgt Ion: 76 Resp: 536

Ion Ratio Lower Upper

76 100

78 15.2 7.0 10.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX033950.D

Acq: 30 Jan 2023 16:51

Tgt Ion: 84 Resp: 2433

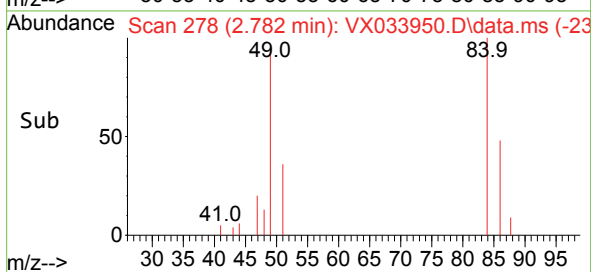
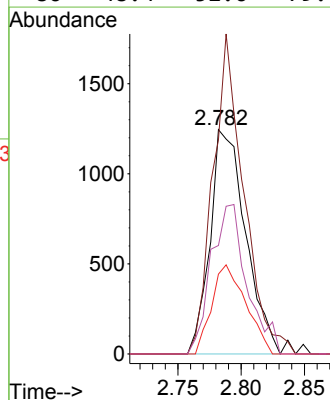
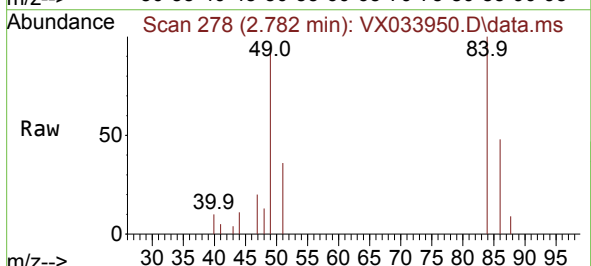
Ion Ratio Lower Upper

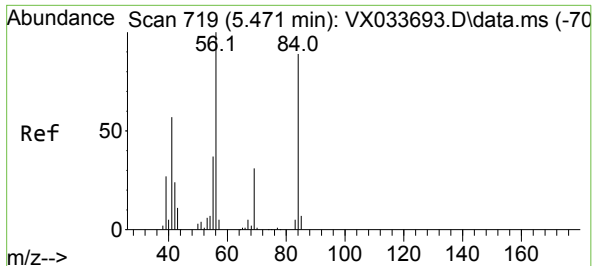
84 100

49 95.4 101.1 151.7#

51 35.6 31.0 46.6

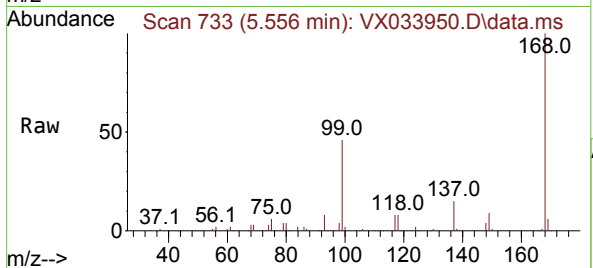
86 48.4 52.6 79.0#



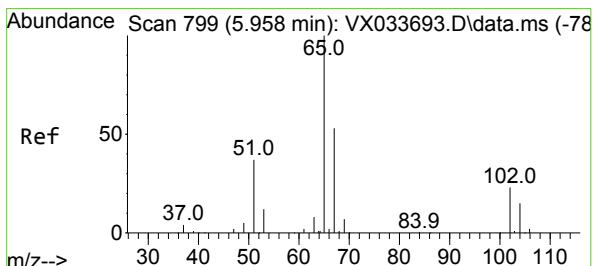
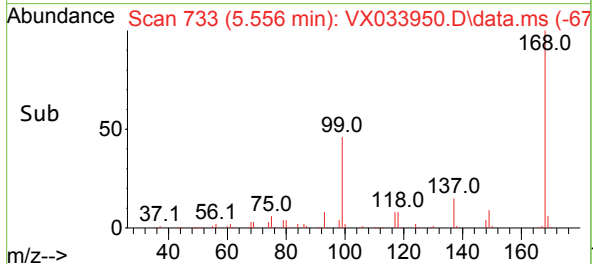
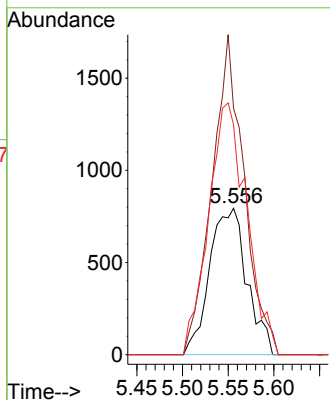


#31
Cyclohexane
Concen: 0.933 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

Instrument :
MSVOA_X
ClientSampleId :

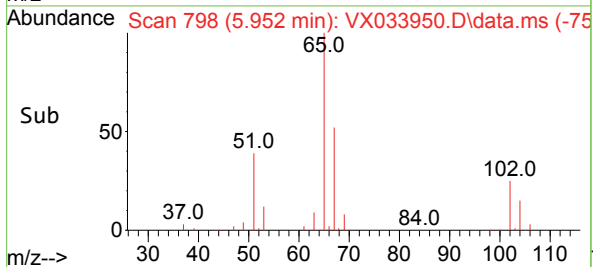
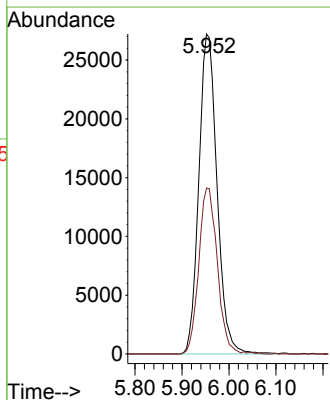
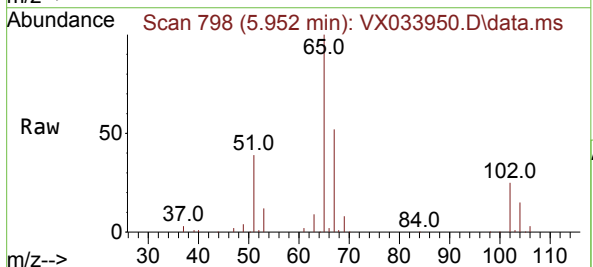


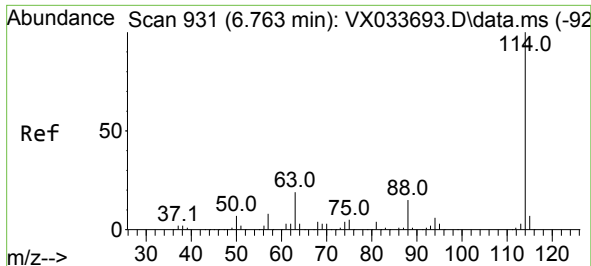
Tgt Ion: 56 Resp: 2256
Ion Ratio Lower Upper
56 100
69 168.4 24.6 37.0#
84 157.1 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 44.568 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

Tgt Ion: 65 Resp: 73243
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8

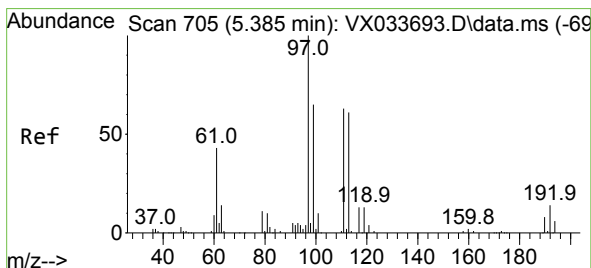
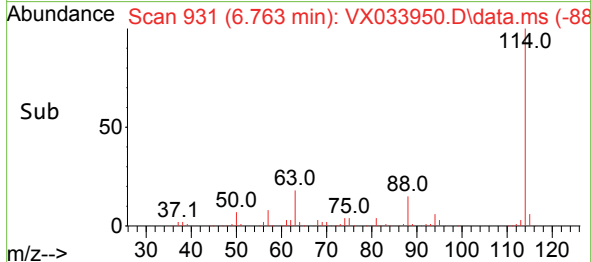
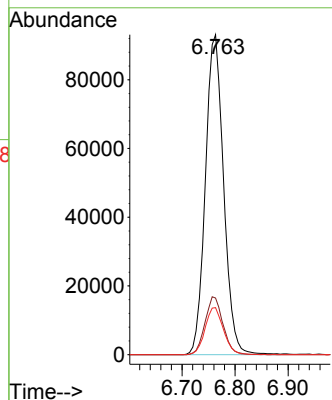
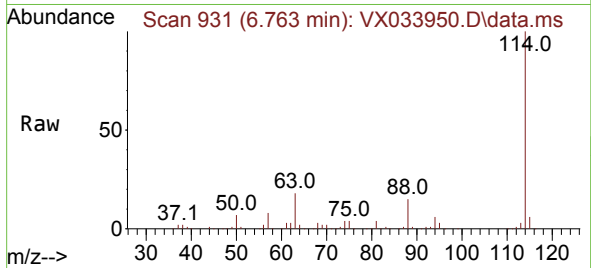




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

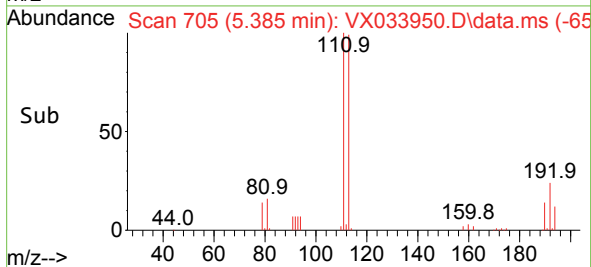
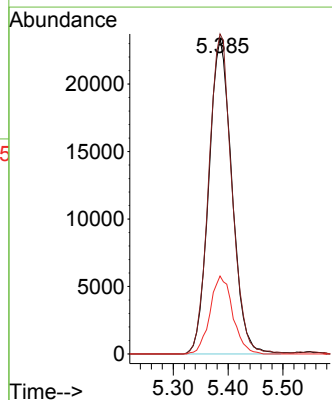
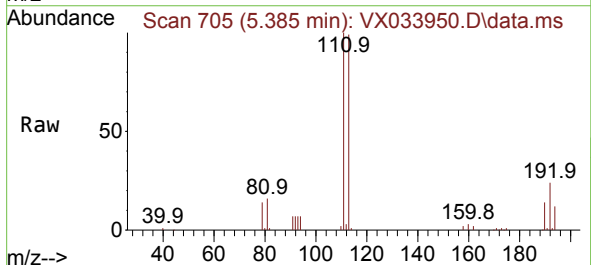
Instrument :
MSVOA_X
ClientSampleId :

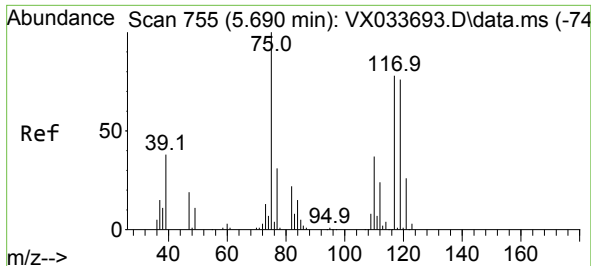
Tgt Ion:114 Resp: 222343
Ion Ratio Lower Upper
114 100
63 17.7 0.0 37.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.339 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

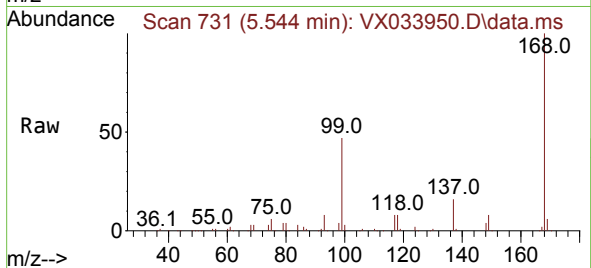
Tgt Ion:113 Resp: 68119
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.6
192 24.3 19.0 28.4



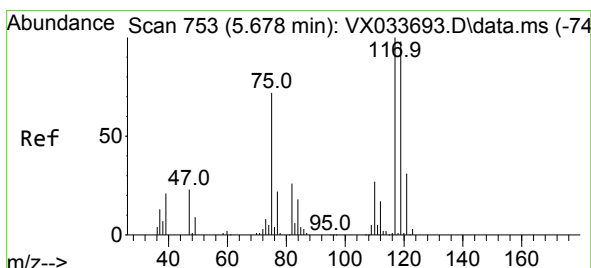
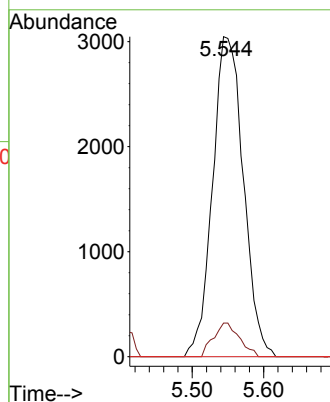
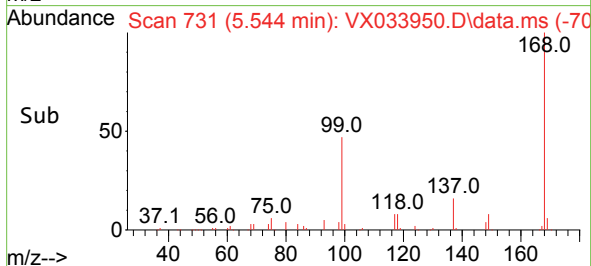


#36
1,1-Dichloropropene
Concen: 4.517 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

Instrument :
MSVOA_X
ClientSampleId :

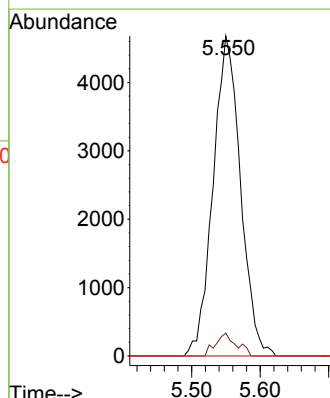
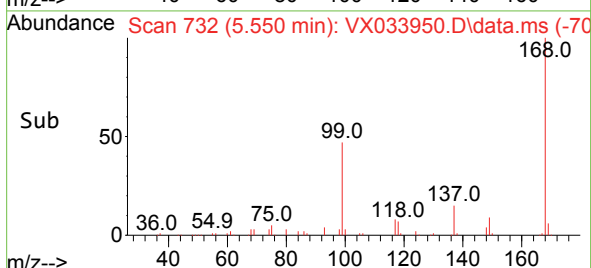
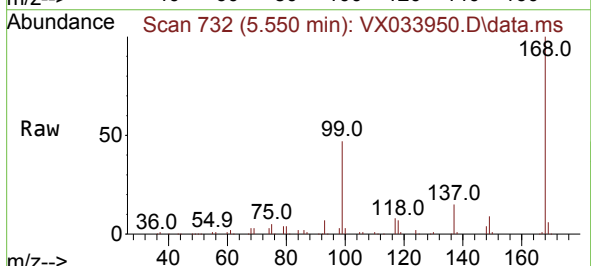


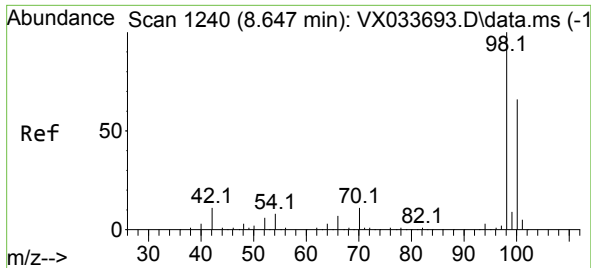
Tgt Ion: 75 Resp: 9102
Ion Ratio Lower Upper
75 100
110 8.9 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.224 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

Tgt Ion: 117 Resp: 12989
Ion Ratio Lower Upper
117 100
119 7.2 78.0 117.0#
121 0.0 24.4 36.6#

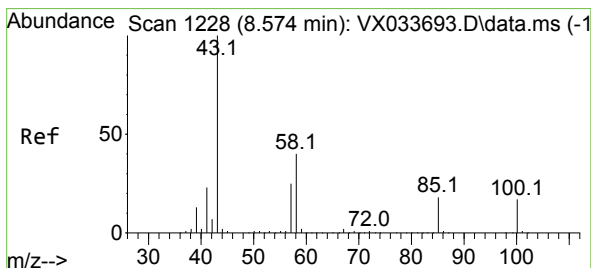
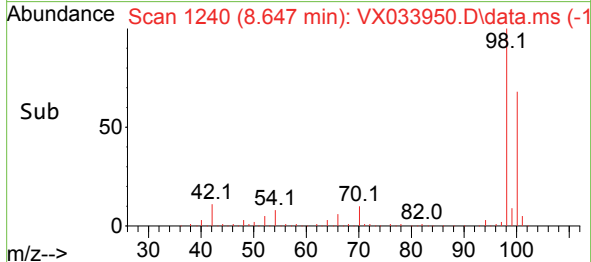
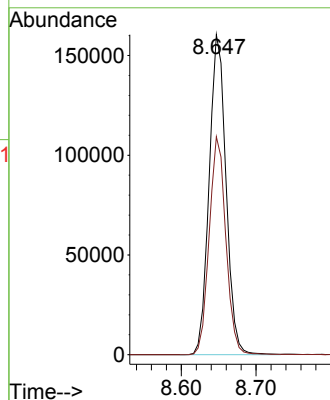
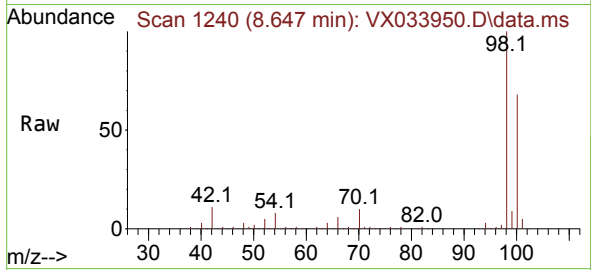




#50
Toluene-d8
Concen: 49.910 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

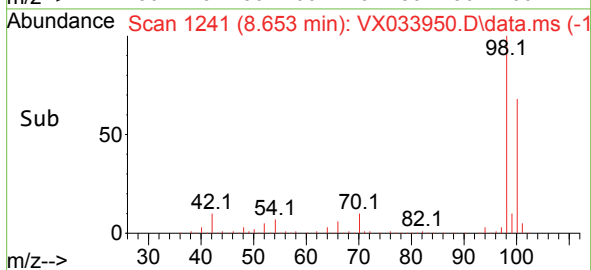
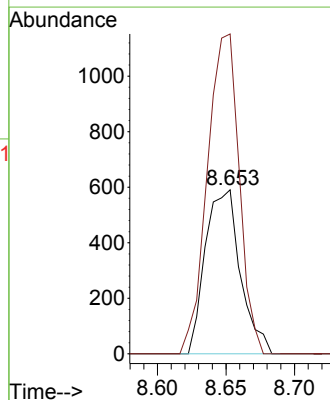
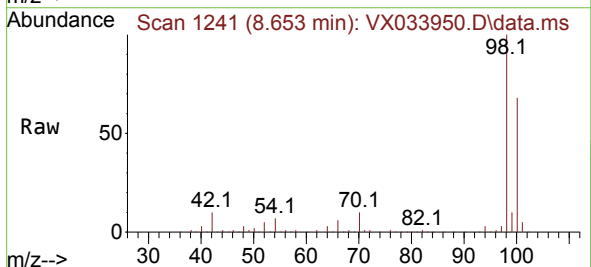
Instrument :
MSVOA_X
ClientSampleId :

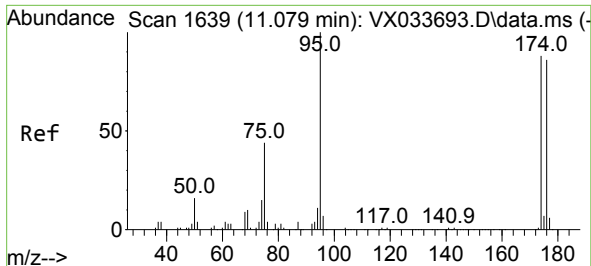
Tgt Ion: 98 Resp: 251065
Ion Ratio Lower Upper
98 100
100 67.4 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.537 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

Tgt Ion: 43 Resp: 1049
Ion Ratio Lower Upper
43 100
58 177.6 31.2 46.8#

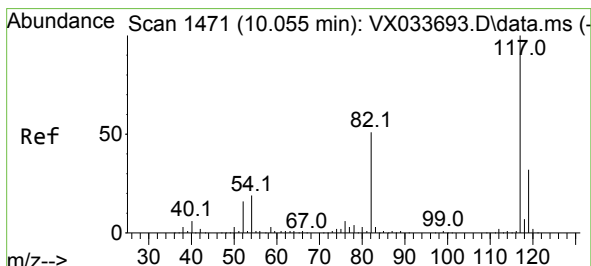
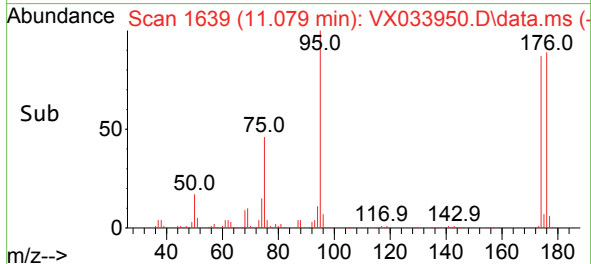
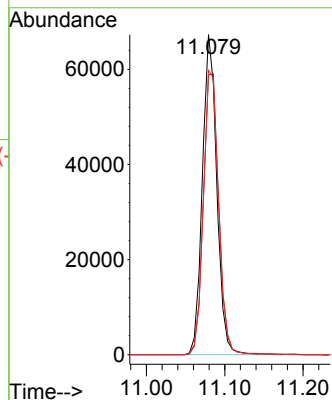
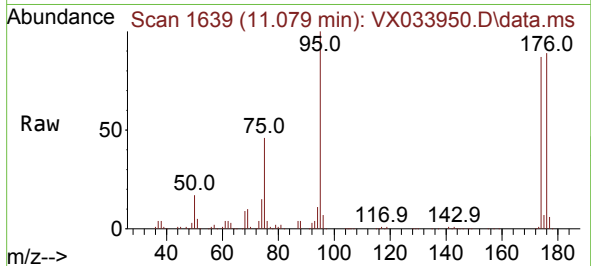




#62
4-Bromofluorobenzene
Concen: 46.030 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

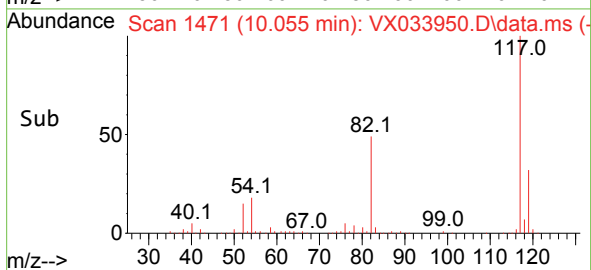
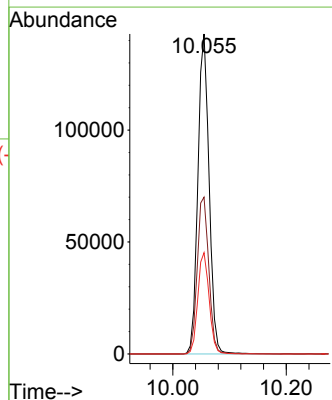
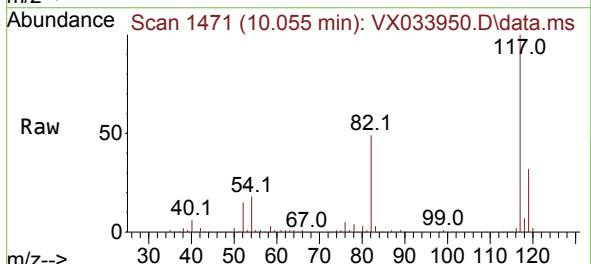
Instrument :
MSVOA_X
ClientSampleId :

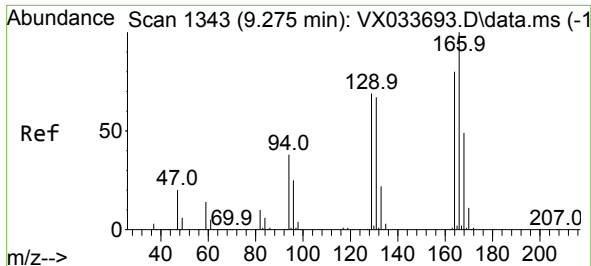
Tgt Ion: 95 Resp: 85969
Ion Ratio Lower Upper
95 100
174 93.8 0.0 184.4
176 93.2 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

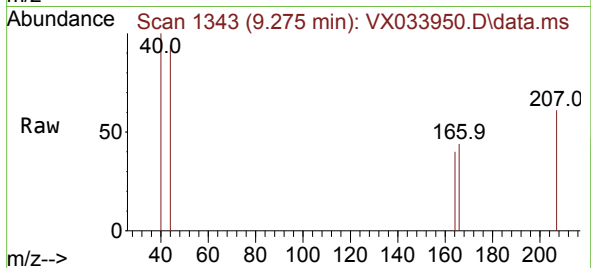
Tgt Ion: 117 Resp: 195840
Ion Ratio Lower Upper
117 100
82 49.0 40.6 60.8
119 31.7 25.6 38.4



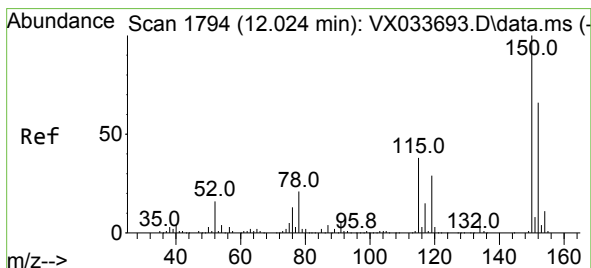
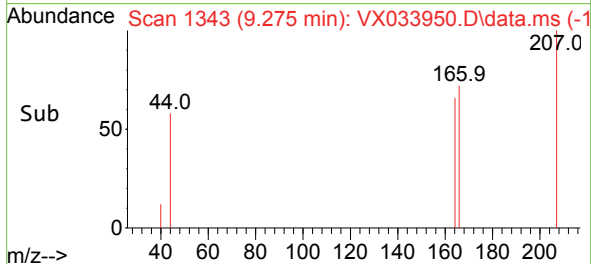
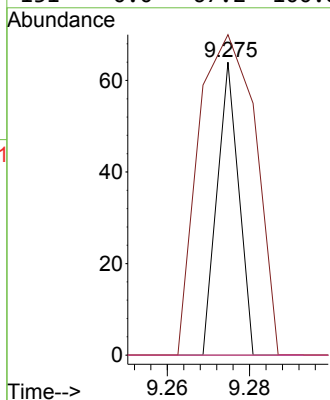


#64
Tetrachloroethene
Concen: Below Cal
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

Instrument :
MSVOA_X
ClientSampleId :

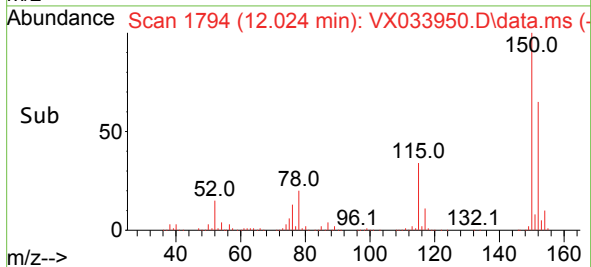
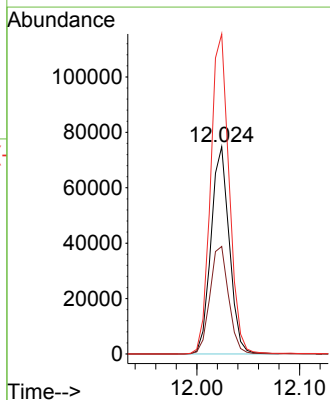
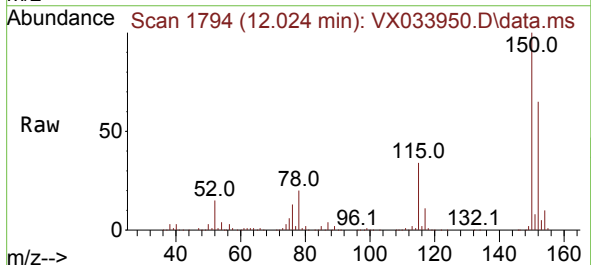


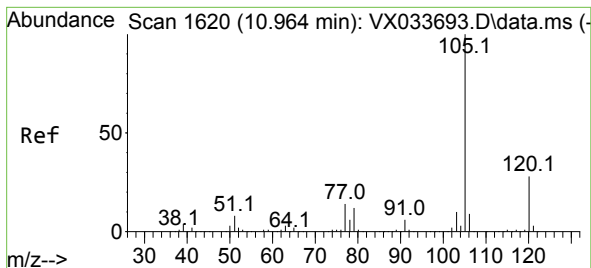
Tgt Ion:164 Resp: 23
Ion Ratio Lower Upper
164 100
166 109.4 100.2 150.2
129 0.0 69.2 103.8#
131 0.0 67.2 100.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

Tgt Ion:152 Resp: 92424
Ion Ratio Lower Upper
152 100
115 53.1 38.7 116.1
150 157.0 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 10.963 min Scan# 1639

Delta R.T. -0.001 min

Lab File: VX033950.D

Acq: 30 Jan 2023 16:51

Instrument :

MSVOA_X

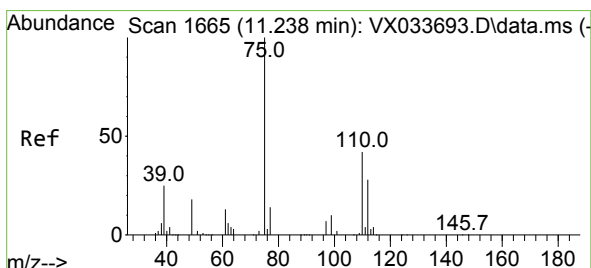
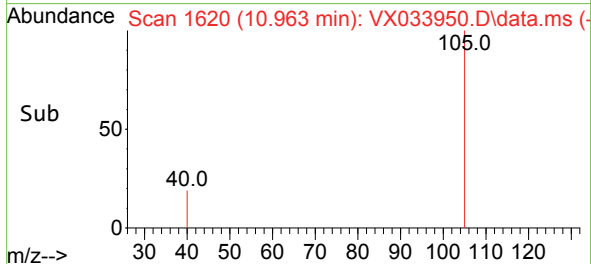
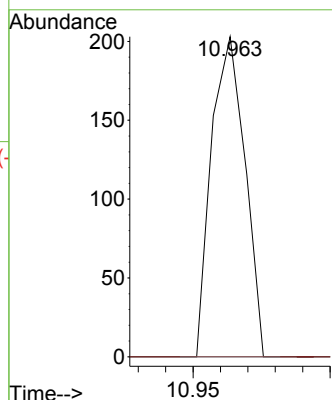
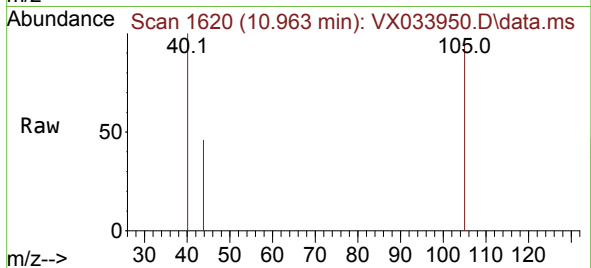
ClientSampleId :

Tgt Ion:105 Resp: 173

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



#76

1,2,3-Trichloropropane

Concen: 23.411 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033950.D

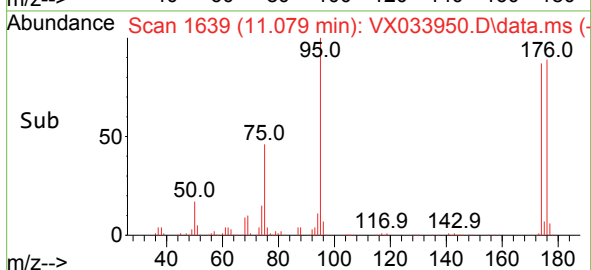
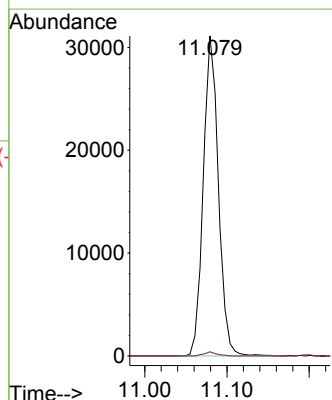
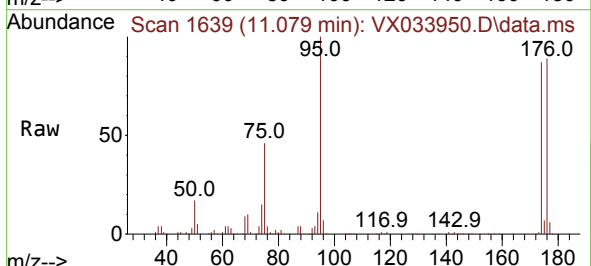
Acq: 30 Jan 2023 16:51

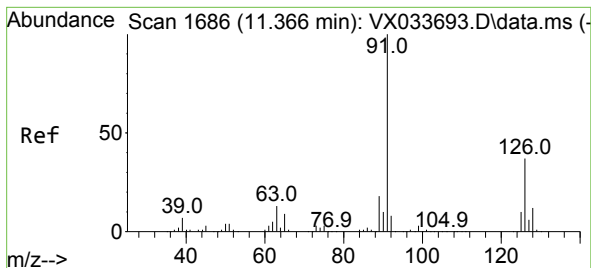
Tgt Ion: 75 Resp: 39756

Ion Ratio Lower Upper

75 100

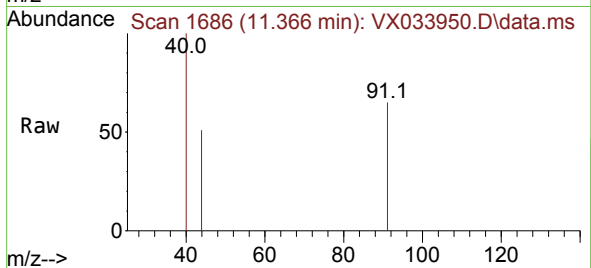
77 1.1 21.8 65.4#



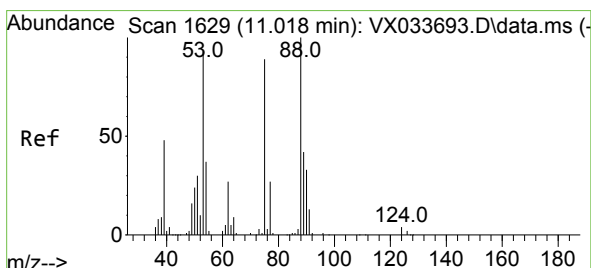
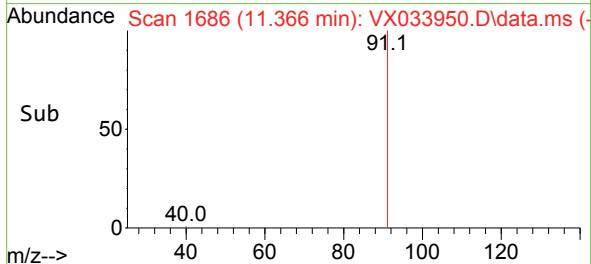
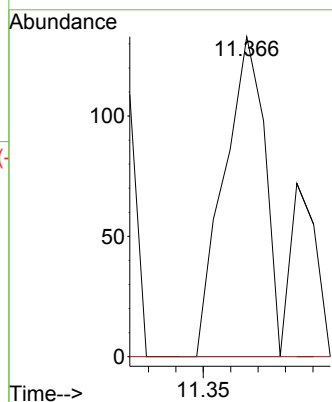


#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

Instrument : MSVOA_X
ClientSampleId :

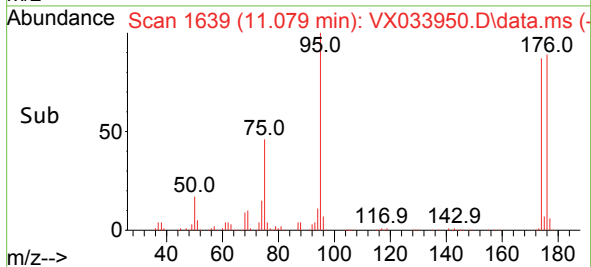
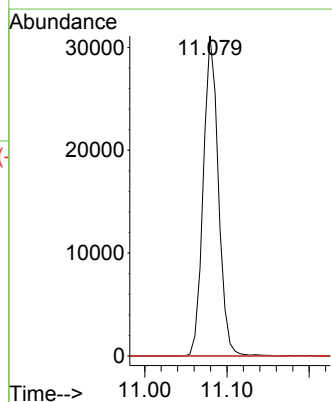
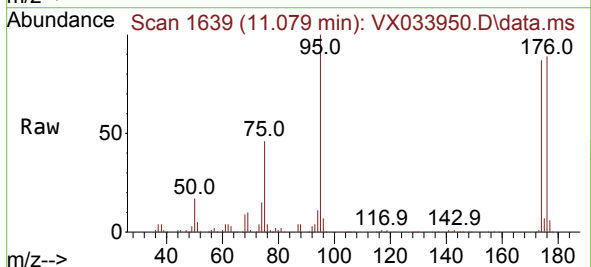


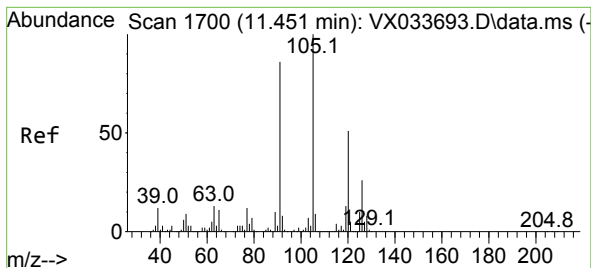
Tgt Ion: 91 Resp: 137
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.760 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

Tgt Ion: 75 Resp: 39756
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

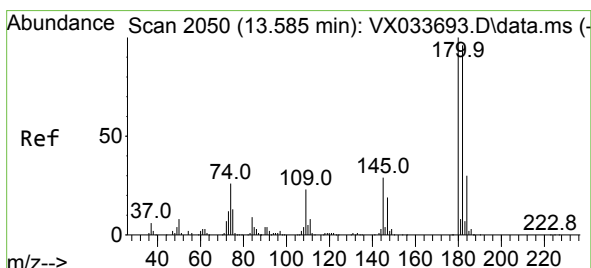
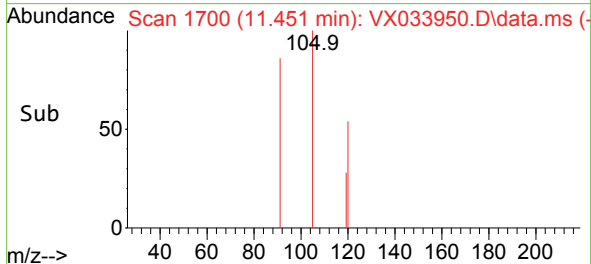
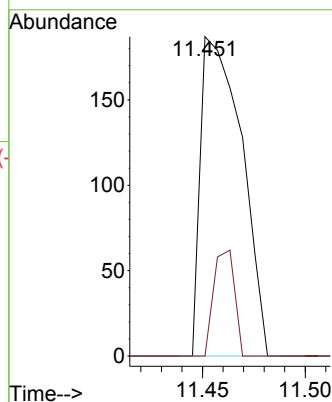
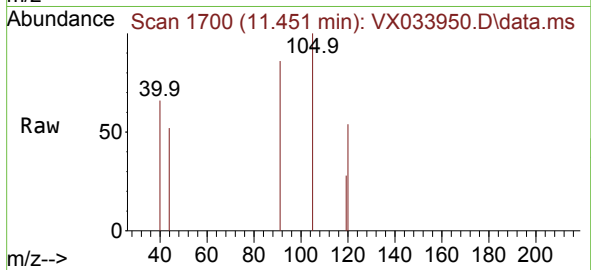




#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

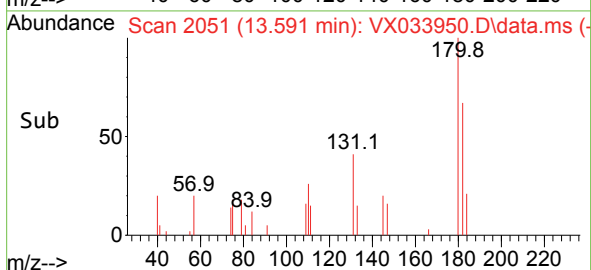
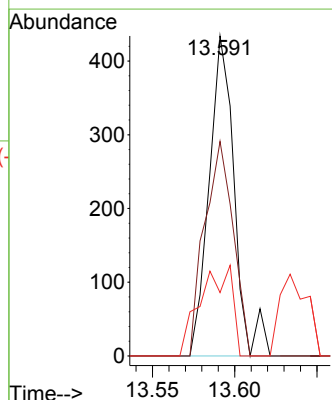
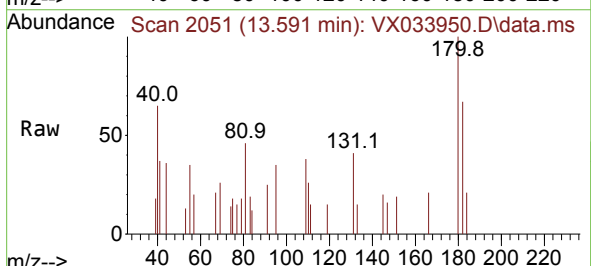
Instrument :
MSVOA_X
ClientSampleId :

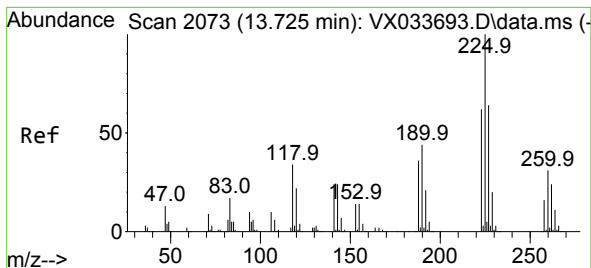
Tgt Ion: 91 Resp: 260
Ion Ratio Lower Upper
91 100
126 16.9 15.8 47.4



#93
1,2,4-Trichlorobenzene
Concen: 0.227 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033950.D
Acq: 30 Jan 2023 16:51

Tgt Ion:180 Resp: 461
Ion Ratio Lower Upper
180 100
182 76.1 47.9 143.6
145 35.8 14.1 42.2





#94

Hexachlorobutadiene

Concen: 0.334 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX033950.D

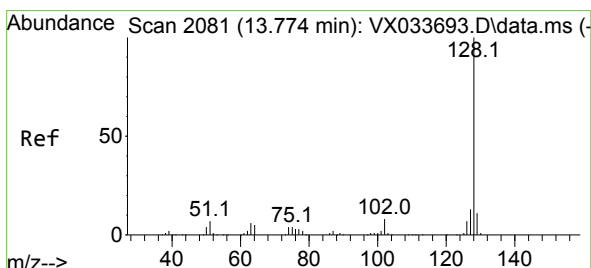
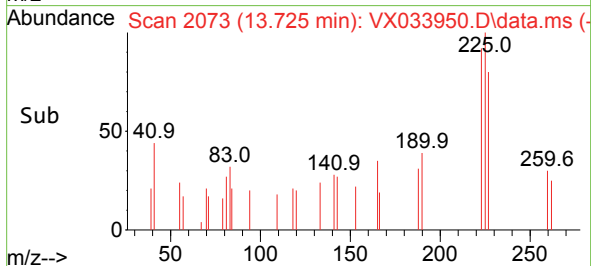
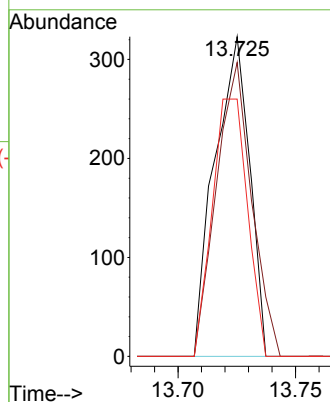
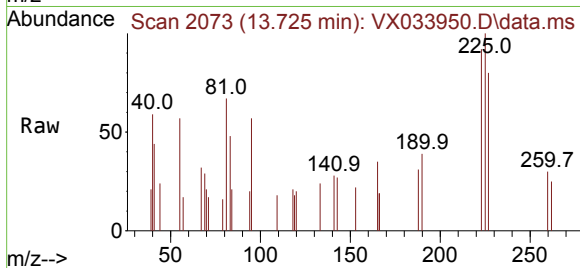
Acq: 30 Jan 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:225	Resp:	332
Ion Ratio	Lower	Upper
225	100	
223	93.4	31.3 93.9
227	81.6	32.3 96.9



#95

Naphthalene

Concen: 0.228 ug/l

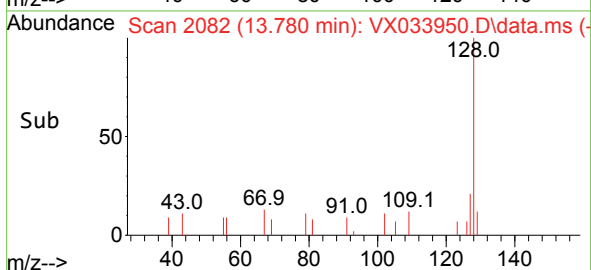
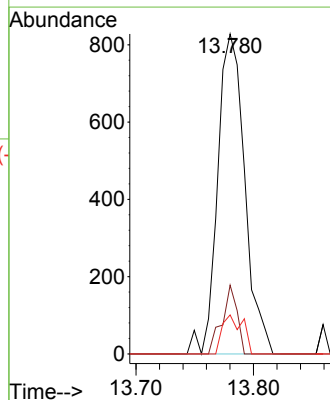
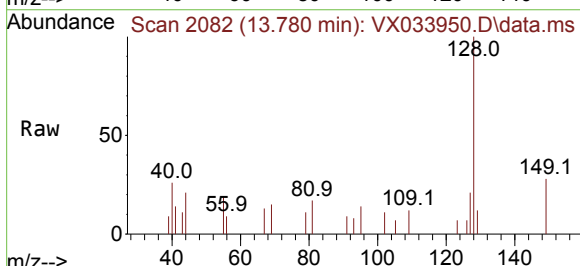
RT: 13.780 min Scan# 2082

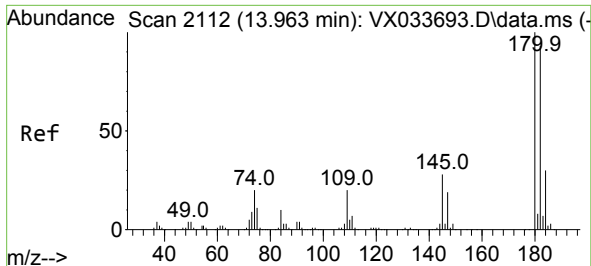
Delta R.T. 0.006 min

Lab File: VX033950.D

Acq: 30 Jan 2023 16:51

Tgt Ion:128	Resp:	1329
Ion Ratio	Lower	Upper
128	100	
127	12.0	10.3 15.5
129	9.2	8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 0.254 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

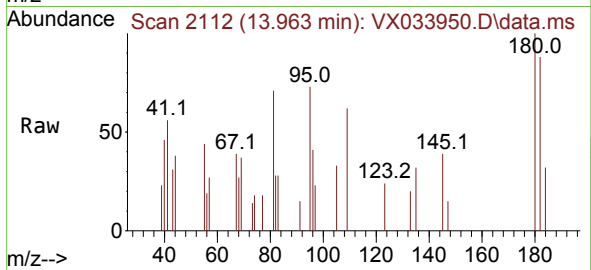
Lab File: VX033950.D

Acq: 30 Jan 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 515

Ion Ratio Lower Upper

180 100

182 76.3 47.6 142.9

145 33.8 15.1 45.3

