

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
 Data File : VX032783.D
 Acq On : 14 Nov 2022 10:46
 Operator : JC/MD
 Sample : VX1114MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBL01

Quant Time: Nov 15 05:06:25 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)

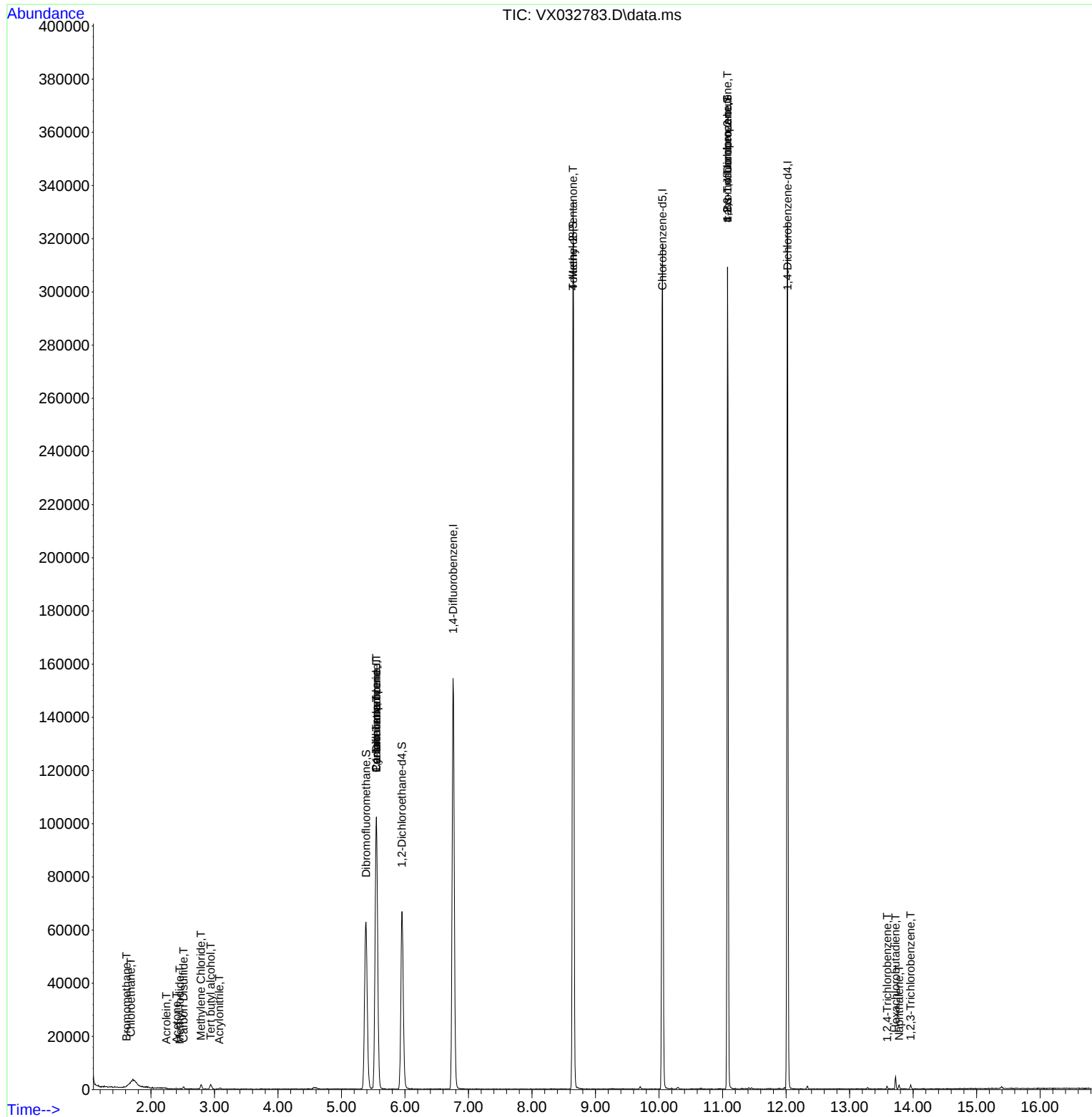
Internal Standards						
1) Pentafluorobenzene	5.550	168	96745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159319	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67143	49.948	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.900%		
35) Dibromofluoromethane	5.385	113	54824	48.242	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.480%		
50) Toluene-d8	8.647	98	193696	49.016	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.040%		
62) 4-Bromofluorobenzene	11.079	95	75498	48.910	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.820%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	339	0.408	ug/l #	74
6) Chloroethane	1.685	64	314	0.451	ug/l #	42
10) Methyl Iodide	2.453	142	131	2.025	ug/l #	81
11) Tert butyl alcohol	2.941	59	996	5.091	ug/l #	72
13) Acrolein	2.239	56	132	0.676	ug/l	87
15) Acrylonitrile	3.075	53	193	0.363	ug/l #	44
16) Acetone	2.404	43	222	0.454	ug/l #	45
17) Carbon Disulfide	2.514	76	1001	0.433	ug/l #	74
20) Methylene Chloride	2.788	84	811	0.724	ug/l #	87
31) Cyclohexane	5.550	56	2134	1.309	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7387	4.668	ug/l #	52
38) Carbon Tetrachloride	5.550	117	10161	5.789	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	893	0.561	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40574	26.945	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40574	85.740	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	377	0.236	ug/l	89
94) Hexachlorobutadiene	13.725	225	771	1.158	ug/l	90
95) Naphthalene	13.780	128	1331	0.250	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	528	0.326	ug/l	96

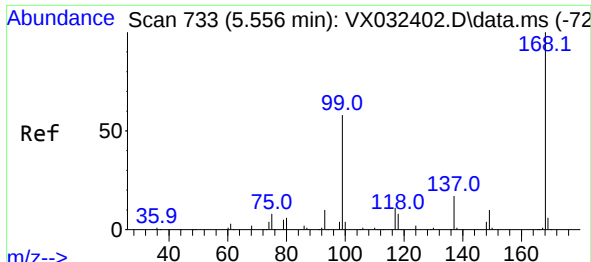
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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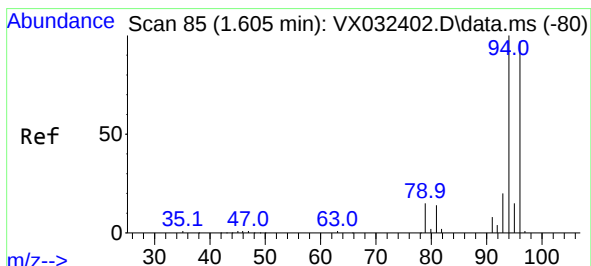
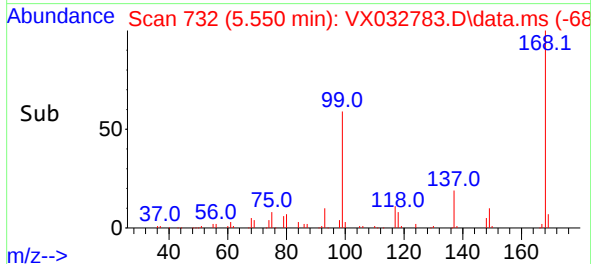
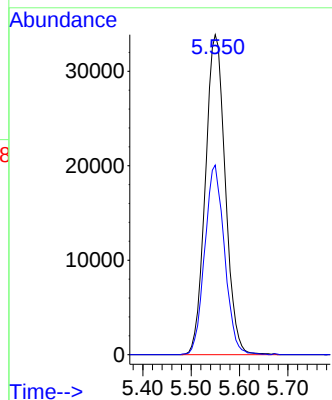
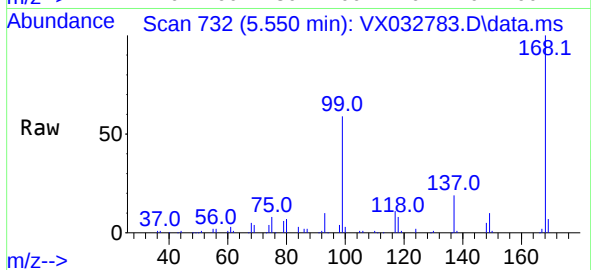




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

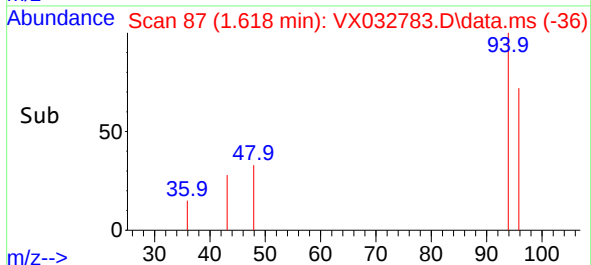
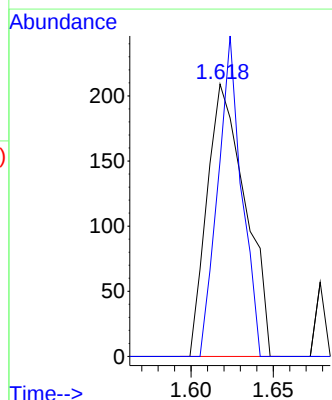
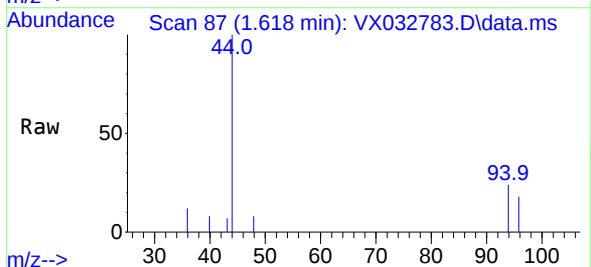
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBL01

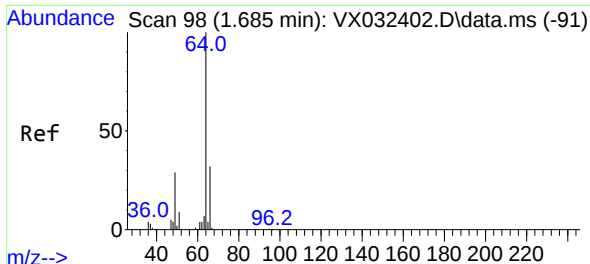
Tgt Ion:168 Resp: 96745
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#5
Bromomethane
Concen: 0.408 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

Tgt Ion: 94 Resp: 339
Ion Ratio Lower Upper
94 100
96 71.8 77.6 116.4#

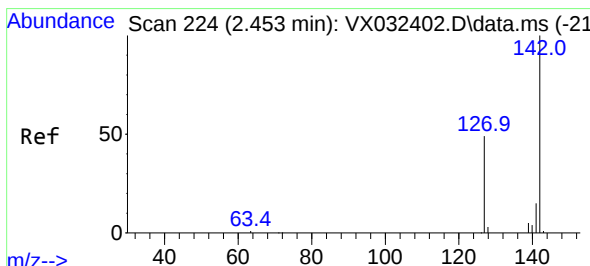
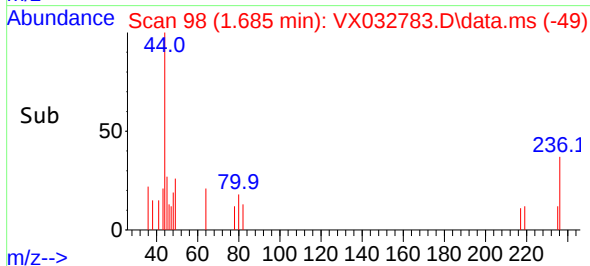
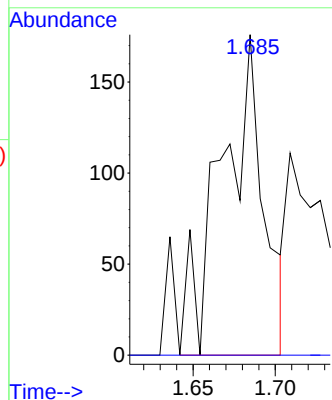
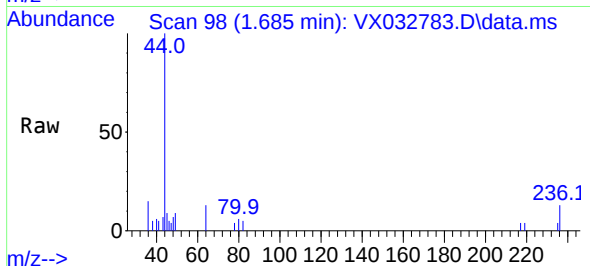




#6
Chloroethane
Concen: 0.451 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

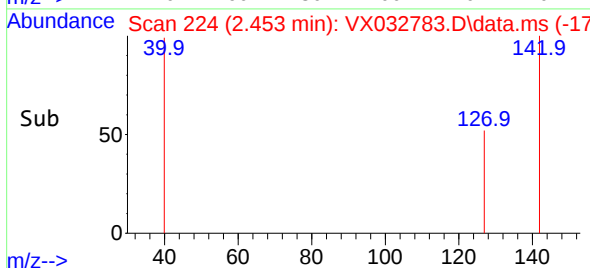
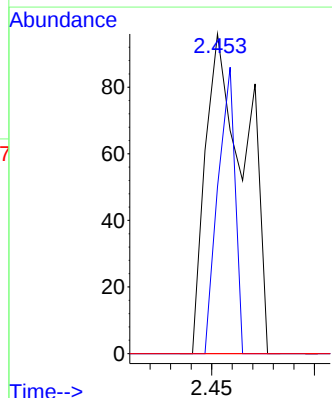
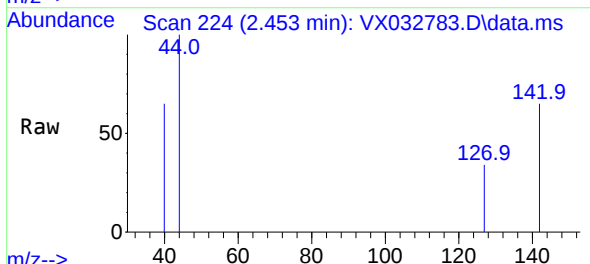
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBL01

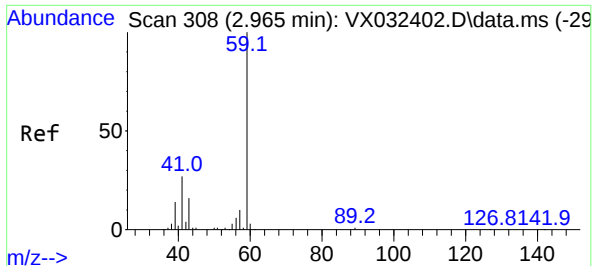
Tgt Ion: 64 Resp: 314
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



#10
Methyl Iodide
Concen: 2.025 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

Tgt Ion: 142 Resp: 131
Ion Ratio Lower Upper
142 100
127 38.2 38.6 57.8#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 5.091 ug/l

RT: 2.941 min Scan# 308

Delta R.T. -0.024 min

Lab File: VX032783.D

Acq: 14 Nov 2022 10:46

Instrument :

MSVOA_X

ClientSampleId :

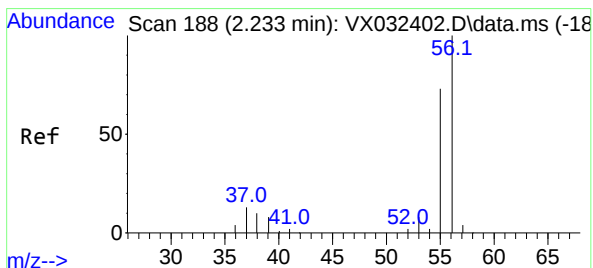
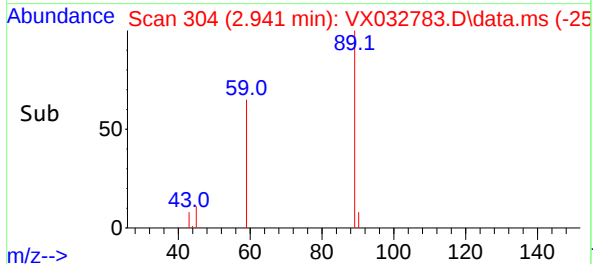
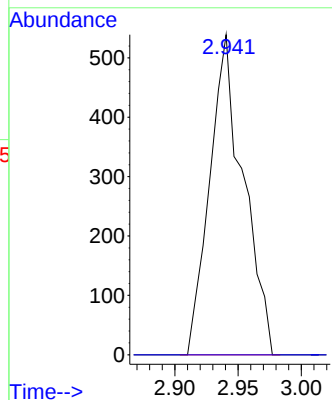
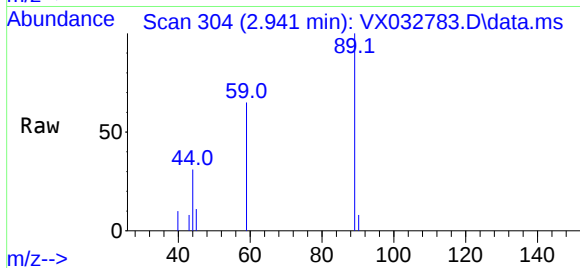
VX1114MBL01

Tgt Ion: 59 Resp: 996

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 0.676 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX032783.D

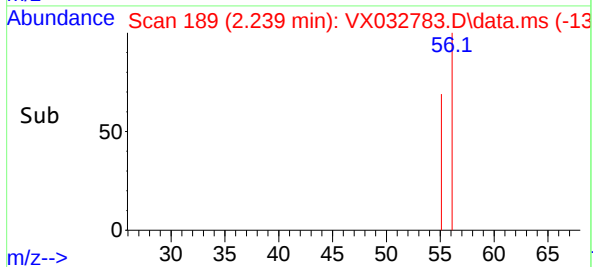
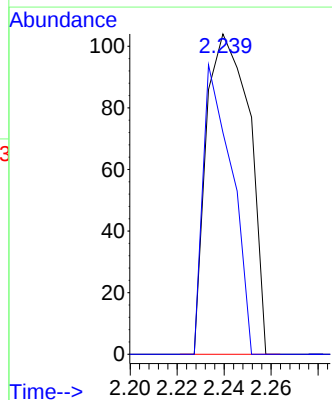
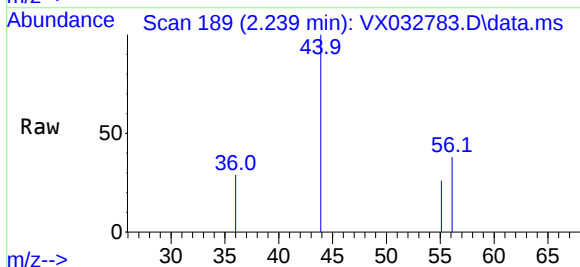
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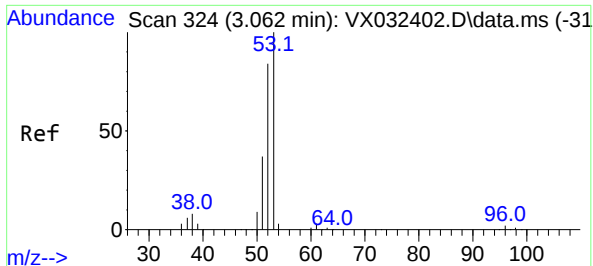
Tgt Ion: 56 Resp: 132

Ion Ratio Lower Upper

56 100

55 60.6 56.9 85.3

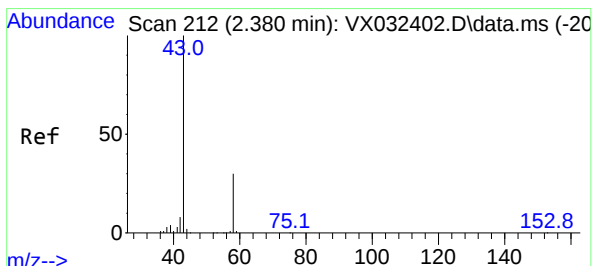
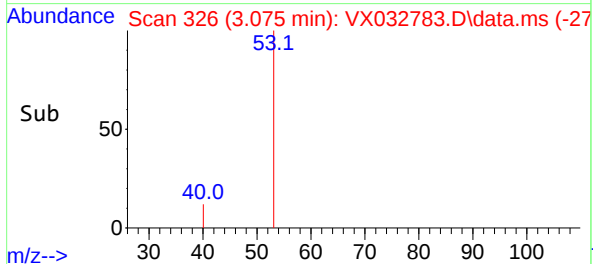
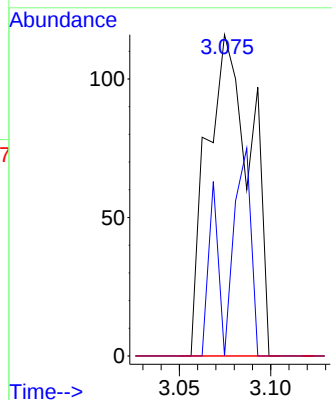
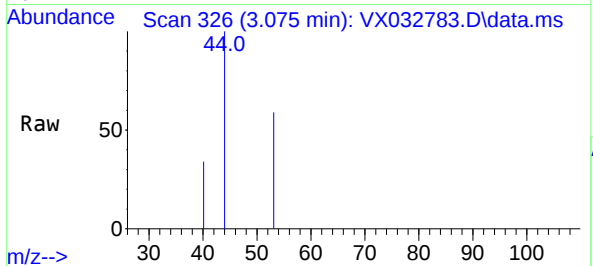




#15
Acrylonitrile
Concen: 0.363 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

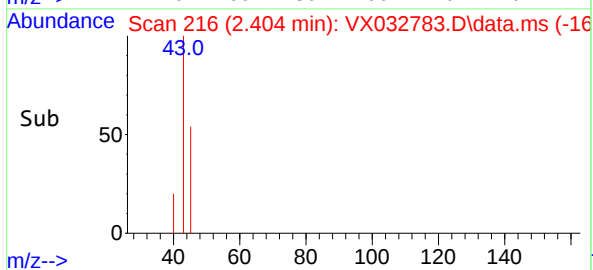
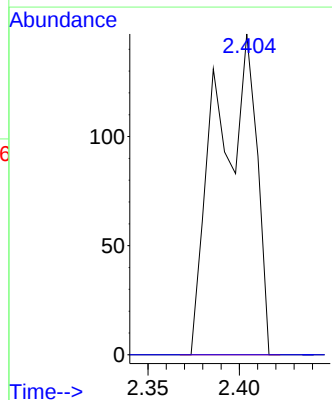
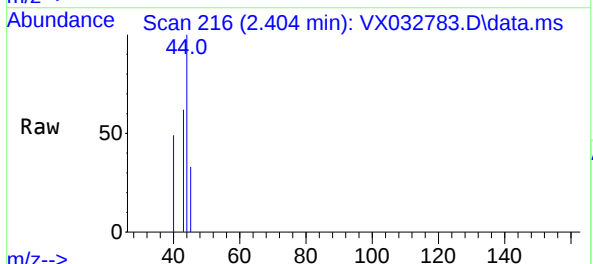
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBL01

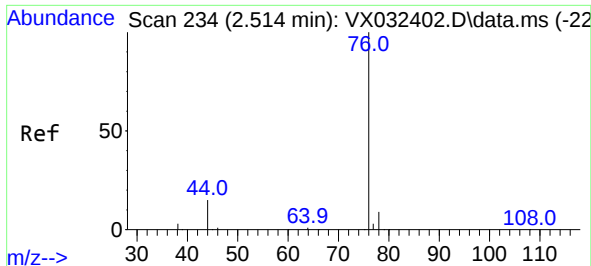
Tgt Ion: 53 Resp: 193
Ion Ratio Lower Upper
53 100
52 36.8 67.4 101.0#
51 0.0 30.3 45.5#



#16
Acetone
Concen: 0.454 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.024 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#





#17

Carbon Disulfide

Concen: 0.433 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX032783.D

Acq: 14 Nov 2022 10:46

Instrument :

MSVOA_X

ClientSampleId :

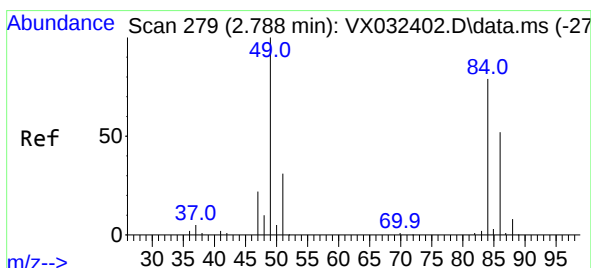
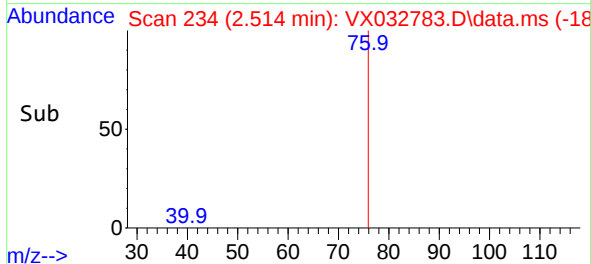
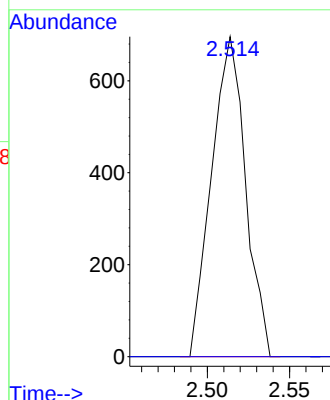
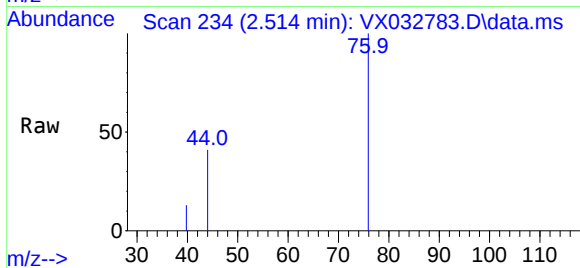
VX1114MBL01

Tgt Ion: 76 Resp: 1001

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#



#20

Methylene Chloride

Concen: 0.724 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX032783.D

Acq: 14 Nov 2022 10:46

Tgt Ion: 84 Resp: 811

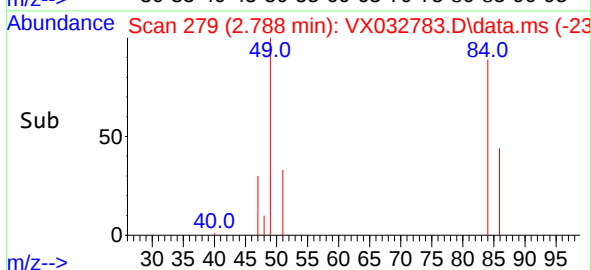
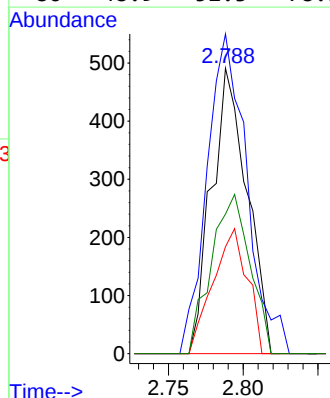
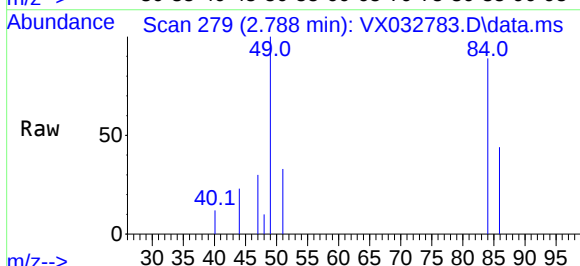
Ion Ratio Lower Upper

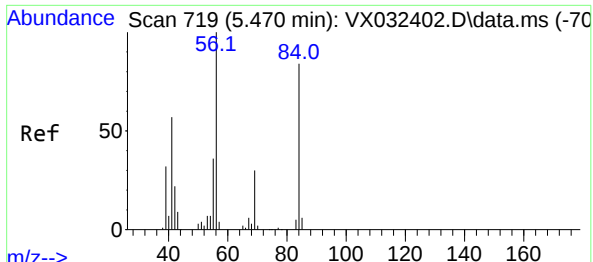
84 100

49 112.0 101.0 151.6

51 37.5 31.1 46.7

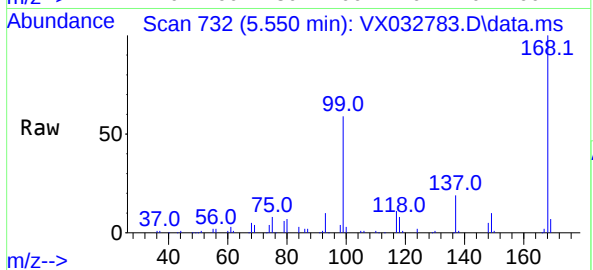
86 48.9 52.3 78.5#



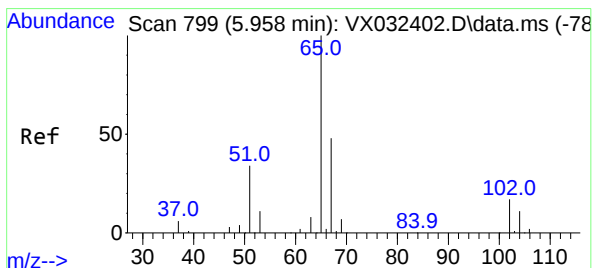
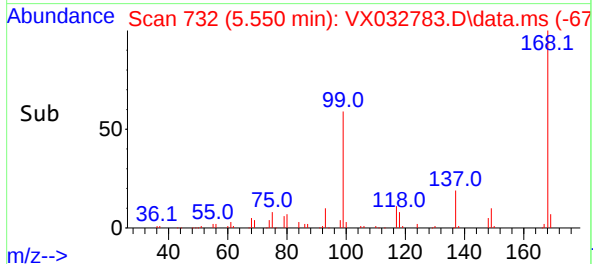
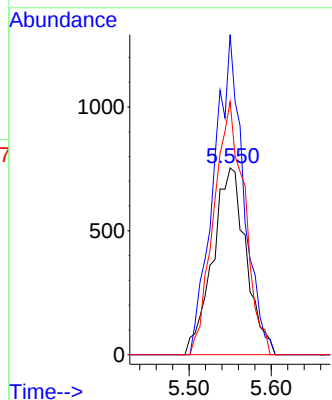


#31
Cyclohexane
Concen: 1.309 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

Instrument :
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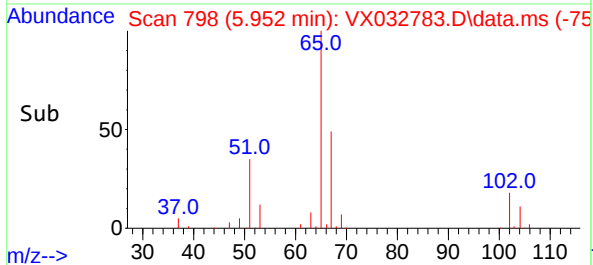
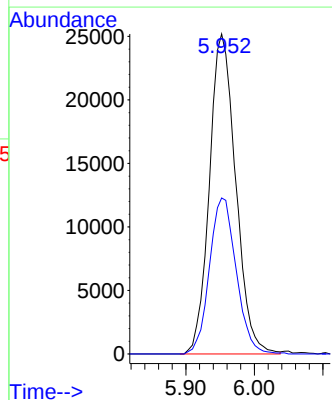
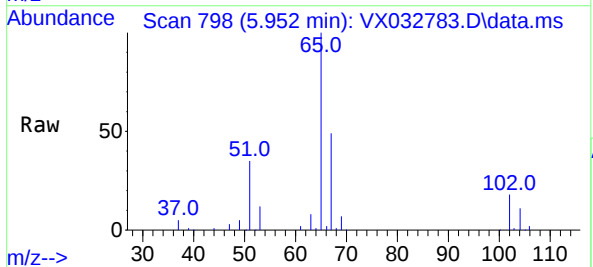


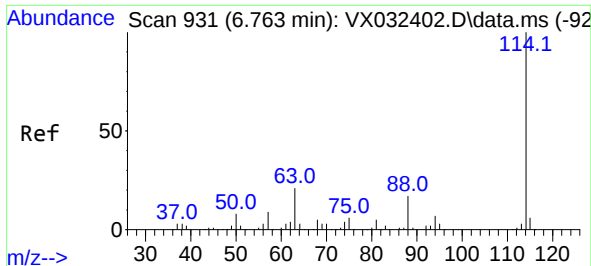
Tgt Ion: 56 Resp: 2134
Ion Ratio Lower Upper
56 100
69 171.4 24.1 36.1#
84 135.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 49.948 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

Tgt Ion: 65 Resp: 67143
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.8

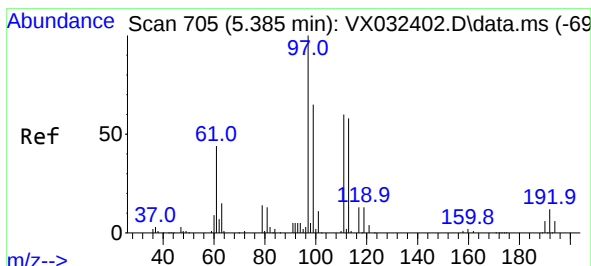
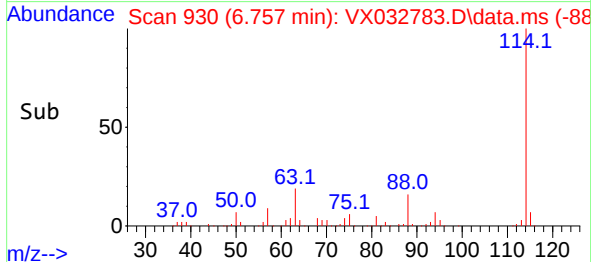
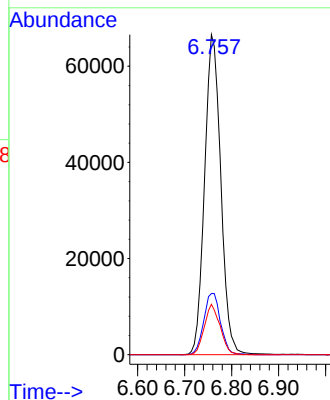
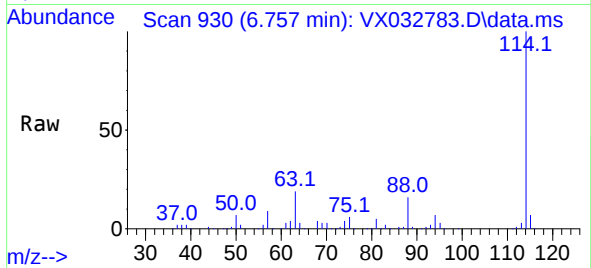




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

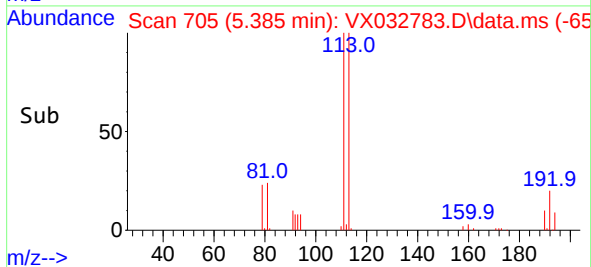
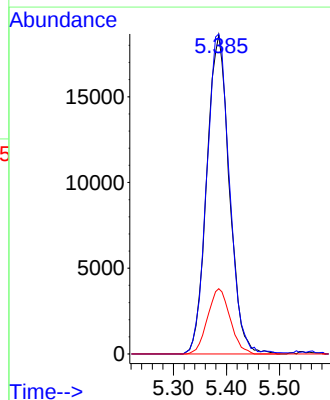
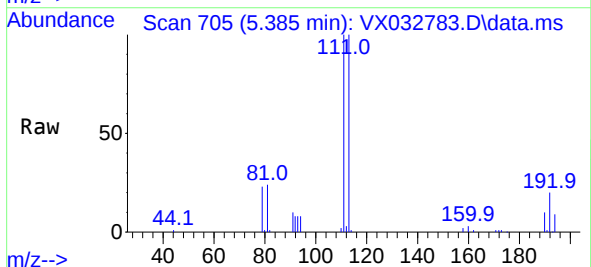
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBL01

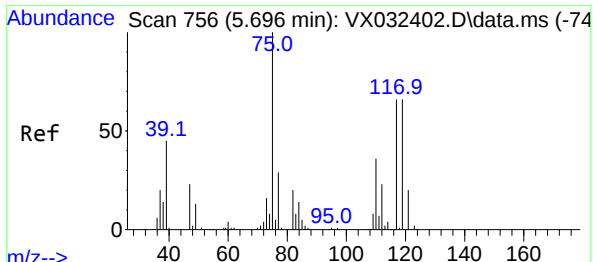
Tgt Ion:114 Resp: 159319
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.242 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

Tgt Ion:113 Resp: 54824
Ion Ratio Lower Upper
113 100
111 100.9 82.4 123.6
192 20.4 15.4 23.2

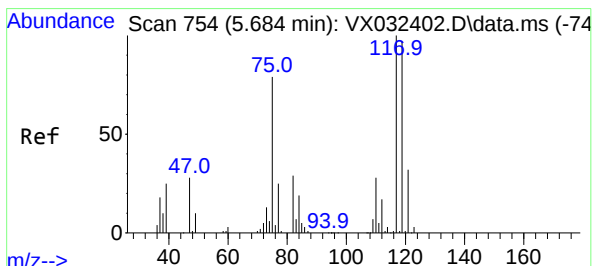
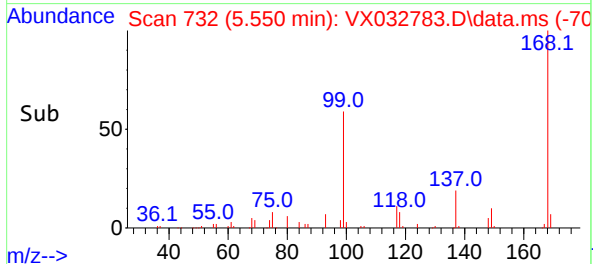
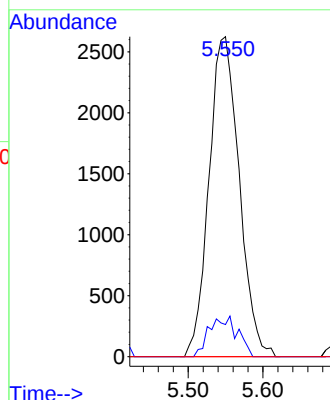
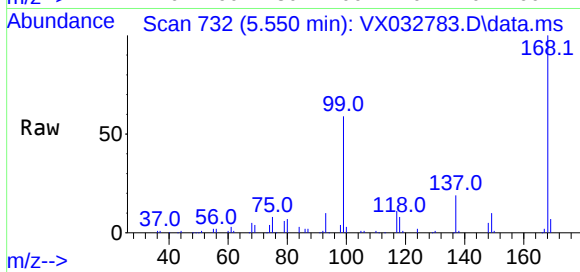




#36
1,1-Dichloropropene
Concen: 4.668 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

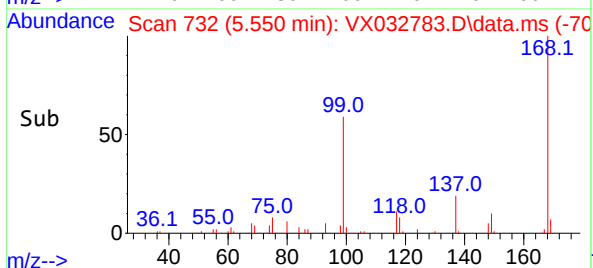
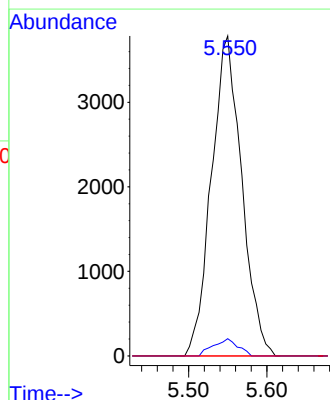
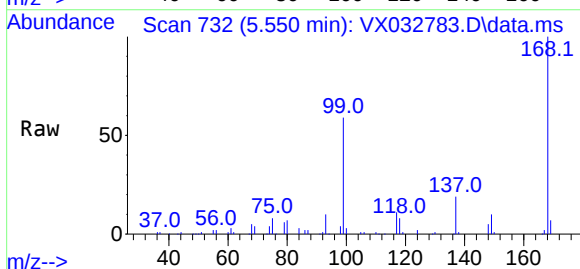
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBL01

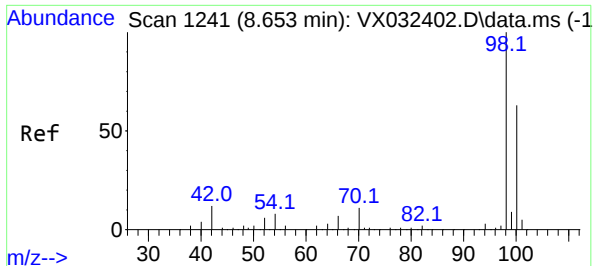
Tgt Ion: 75 Resp: 7387
Ion Ratio Lower Upper
75 100
110 11.7 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.789 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

Tgt Ion: 117 Resp: 10161
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 49.016 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032783.D

Acq: 14 Nov 2022 10:46

Instrument :

MSVOA_X

ClientSampleId :

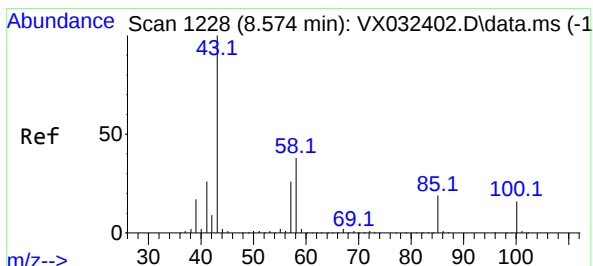
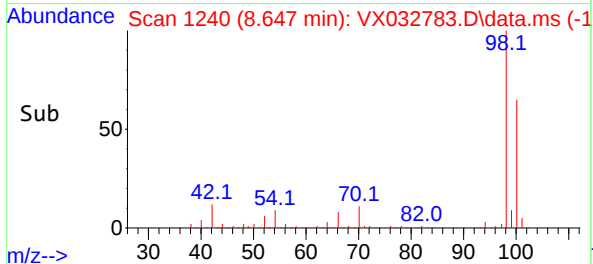
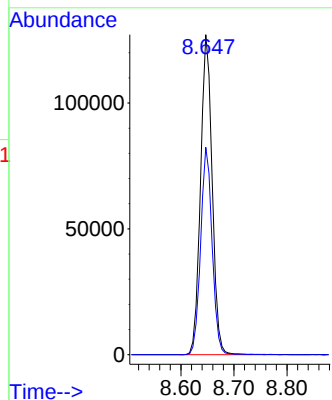
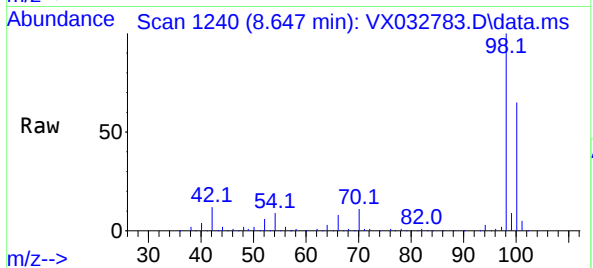
VX1114MBL01

Tgt Ion: 98 Resp: 193696

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.561 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032783.D

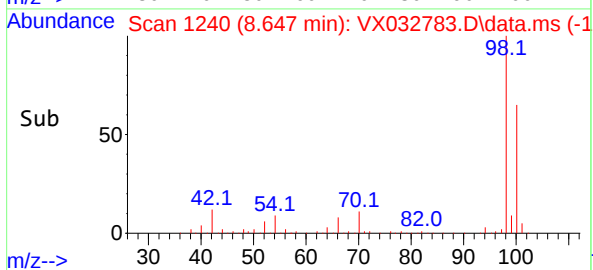
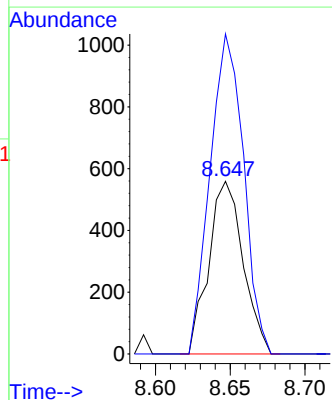
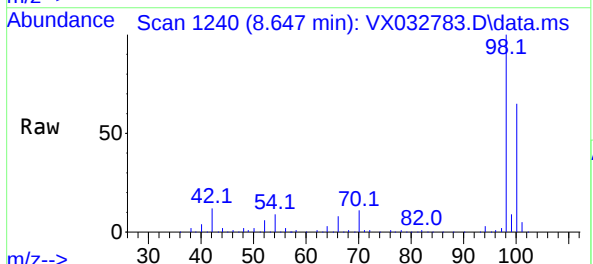
Acq: 14 Nov 2022 10:46

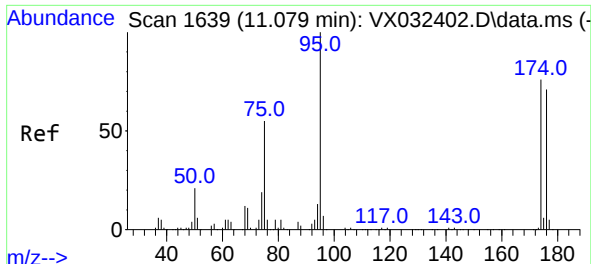
Tgt Ion: 43 Resp: 893

Ion Ratio Lower Upper

43 100

58 181.1 30.9 46.3#

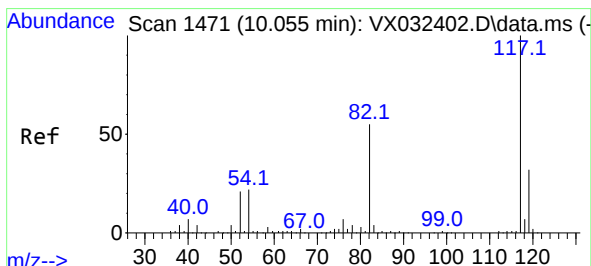
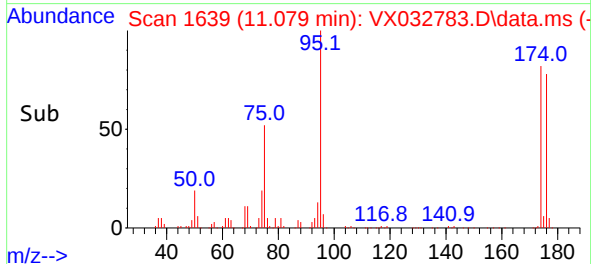
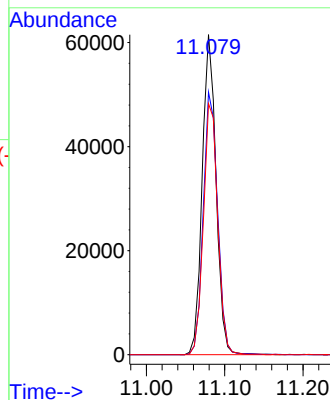
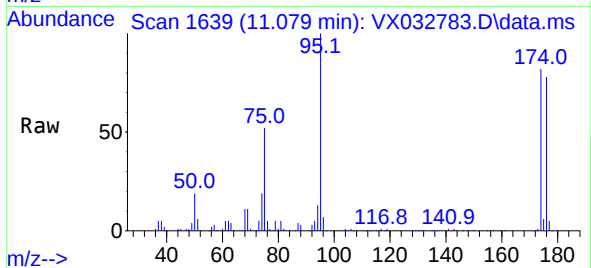




#62
4-Bromofluorobenzene
Concen: 48.910 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

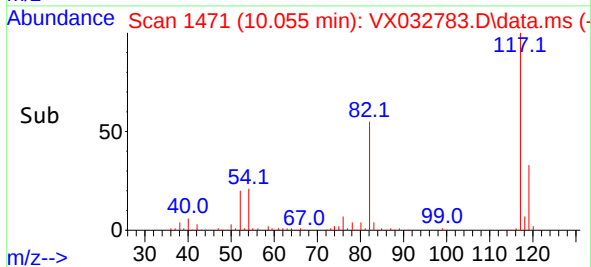
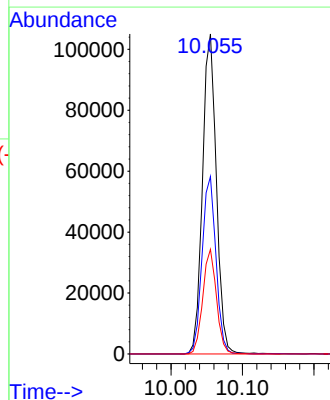
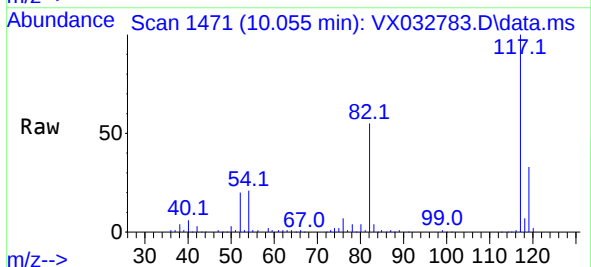
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBL01

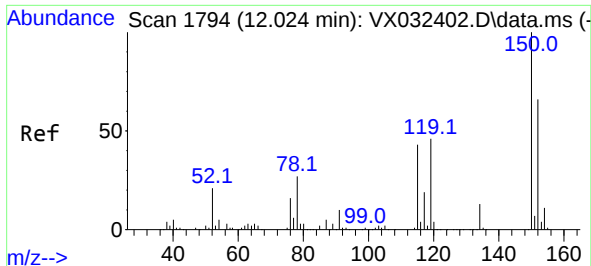
Tgt Ion: 95 Resp: 75498
Ion Ratio Lower Upper
95 100
174 85.0 0.0 164.0
176 81.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

Tgt Ion: 117 Resp: 141494
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 32.7 25.7 38.5

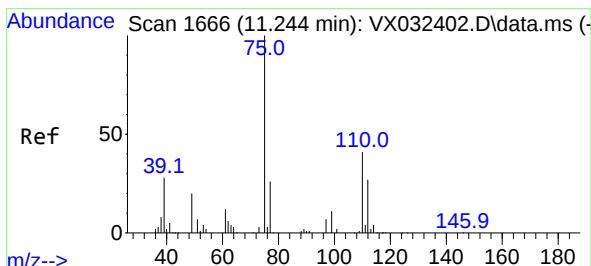
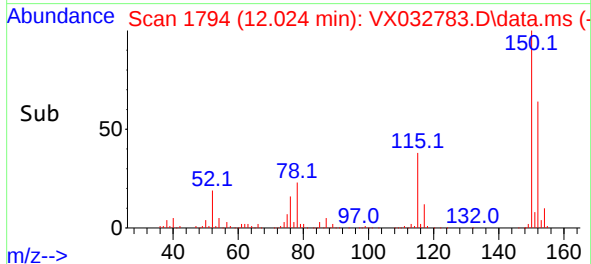
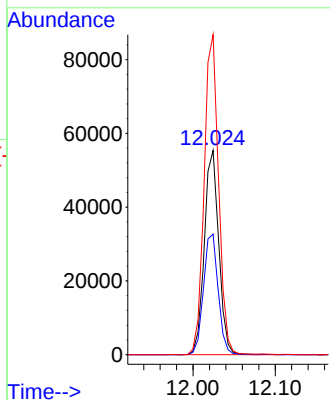
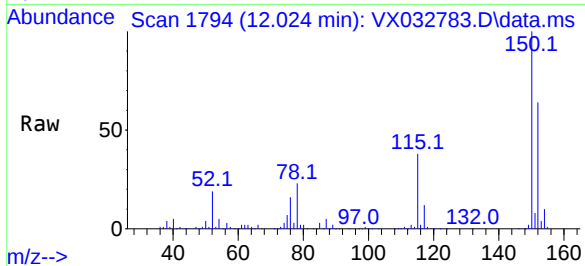




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

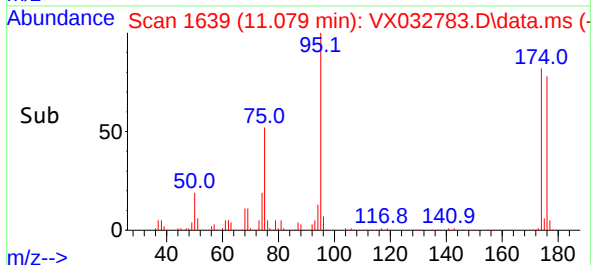
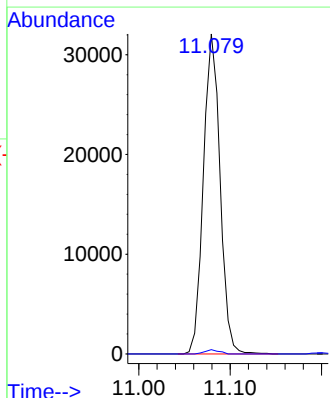
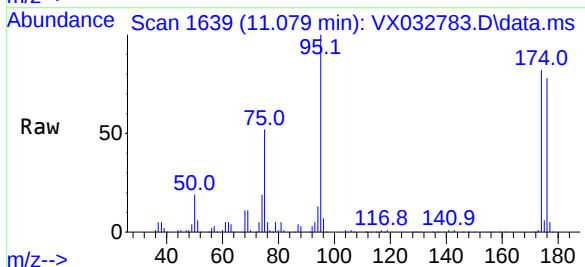
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBL01

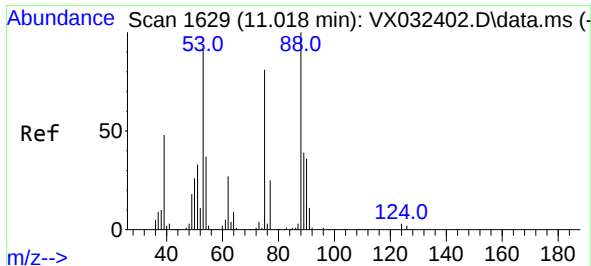
Tgt Ion:152 Resp: 67684
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 156.2 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

Tgt Ion: 75 Resp: 40574
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#

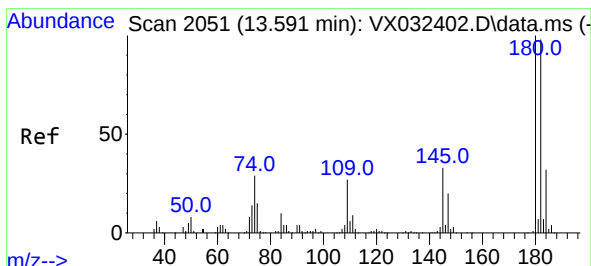
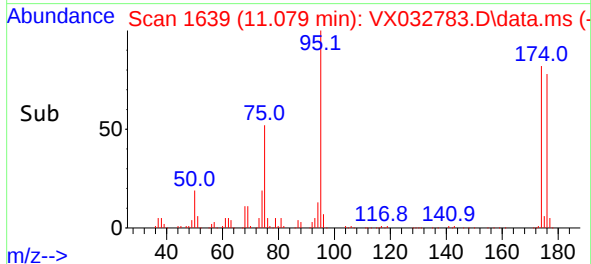
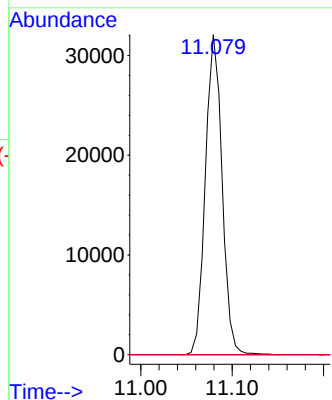
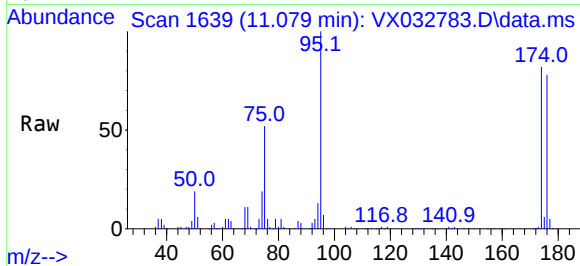




#81
trans-1,4-Dichloro-2-butene
Concen: 85.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

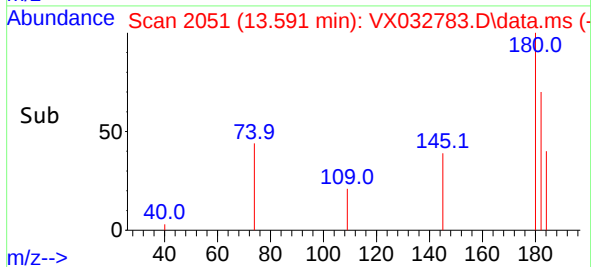
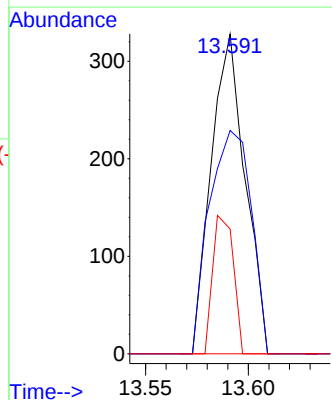
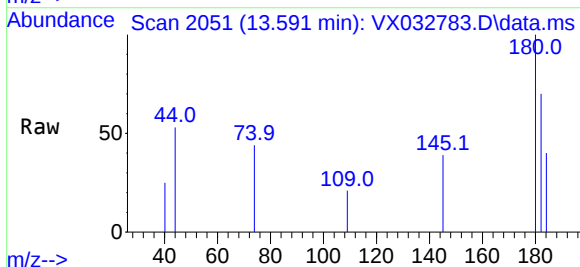
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBL01

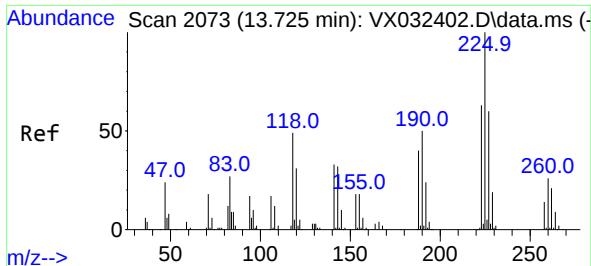
Tgt Ion: 75 Resp: 40574
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.236 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

Tgt Ion:180 Resp: 377
Ion Ratio Lower Upper
180 100
182 86.5 48.4 145.0
145 26.3 16.2 48.5

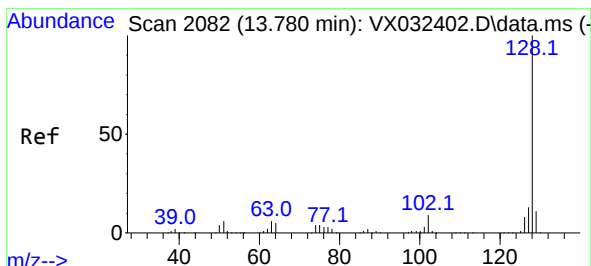
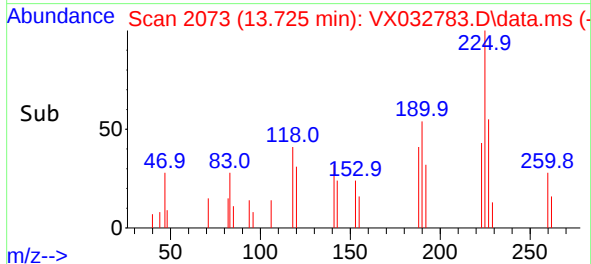
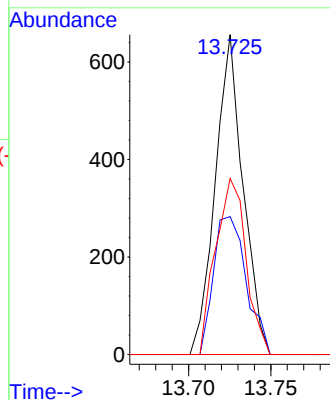
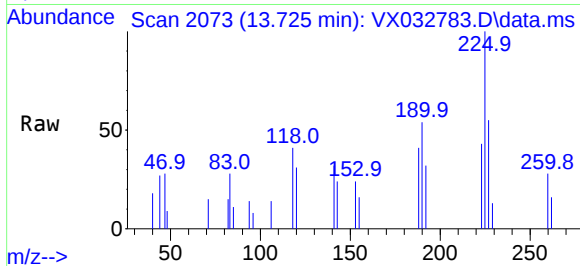




#94
Hexachlorobutadiene
Concen: 1.158 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

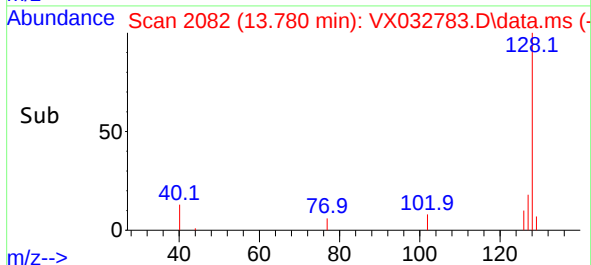
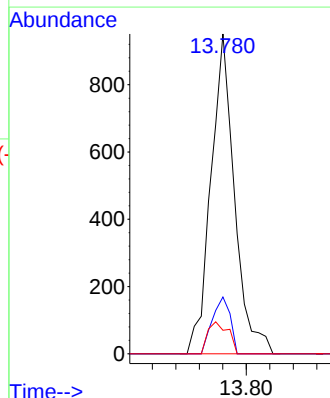
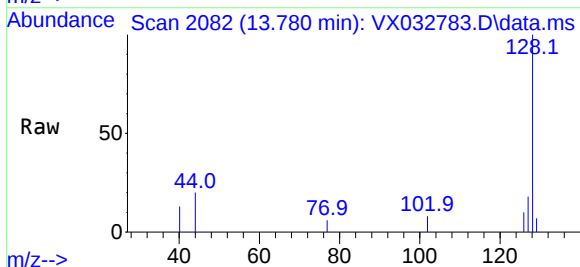
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBL01

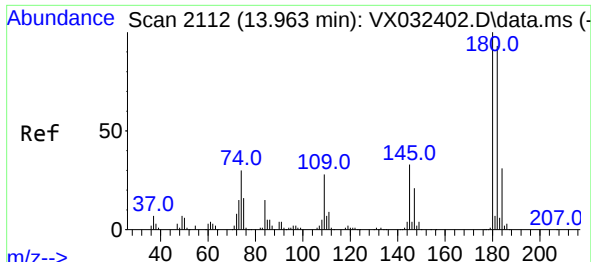
Tgt Ion:	225	Resp:	771
Ion	Ratio	Lower	Upper
225	100		
223	51.0	31.9	95.9
227	60.3	31.9	95.5



#95
Naphthalene
Concen: 0.250 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX032783.D
Acq: 14 Nov 2022 10:46

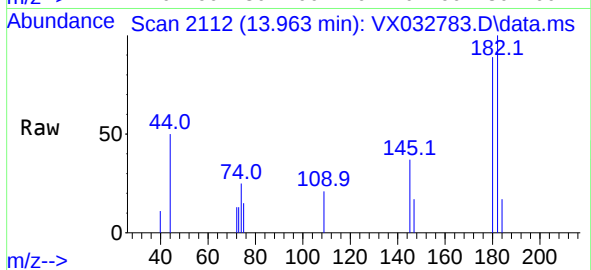
Tgt Ion:	128	Resp:	1331
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	8.6	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 0.326 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX032783.D
 Acq: 14 Nov 2022 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBL01



Tgt Ion:	180	Resp:	528
Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.5	142.6
145	29.7	16.9	50.6

