

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031319.D
 Acq On : 14 Sep 2022 20:38
 Operator : JC/MD
 Sample : N4492-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-090122

Quant Time: Sep 15 06:05:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

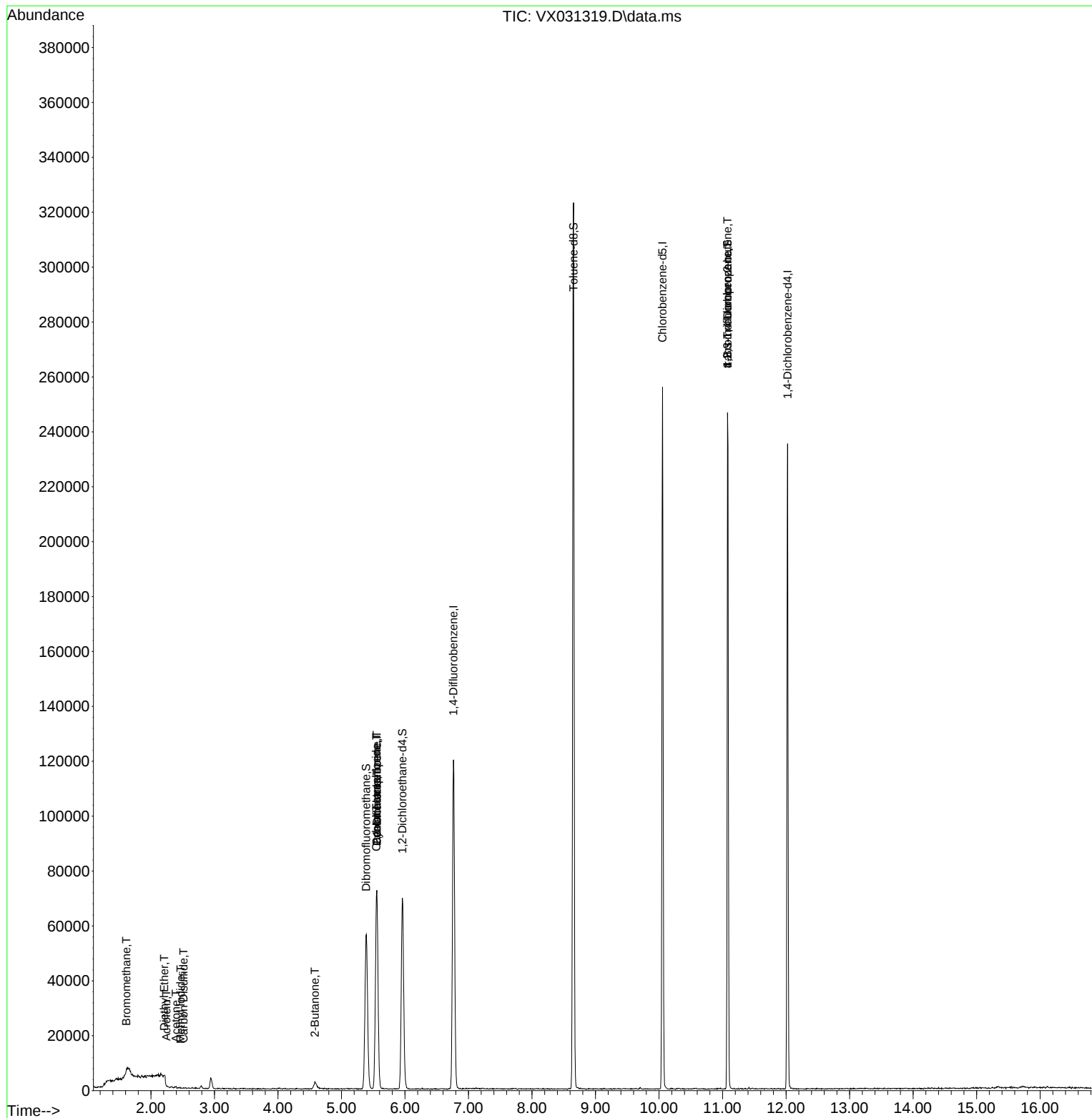
Internal Standards						
1) Pentafluorobenzene	5.556	168	63617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	114688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66083	42.320	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.640%		
35) Dibromofluoromethane	5.385	113	47818	38.788	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	77.580%		
50) Toluene-d8	8.653	98	186361	40.299	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	80.600%#		
62) 4-Bromofluorobenzene	11.079	95	61992	36.607	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	73.220%#		
Target Compounds						Qvalue
3) Chloromethane	1.295	50	166	Below Cal	#	55
5) Bromomethane	1.612	94	280	0.336	ug/l #	55
8) Diethyl Ether	2.209	74	20	0.550	ug/l #	1
10) Methyl Iodide	2.465	142	52	0.958	ug/l #	38
11) Tert butyl alcohol	2.947	59	2347	Below Cal	#	73
13) Acrolein	2.239	56	81	0.450	ug/l #	35
16) Acetone	2.392	43	471	0.707	ug/l #	45
17) Carbon Disulfide	2.514	76	177	0.961	ug/l #	75
20) Methylene Chloride	2.794	84	463	Below Cal	#	75
21) trans-1,2-Dichloroethene	3.050	96	99	Below Cal	#	1
25) 2-Butanone	4.581	43	288	0.262	ug/l #	49
31) Cyclohexane	5.556	56	2075	1.237	ug/l #	41
36) 1,1-Dichloropropene	5.556	75	6126	3.630	ug/l #	48
38) Carbon Tetrachloride	5.550	117	6977	3.804	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	36355	33.806	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36355	93.543	ug/l #	11

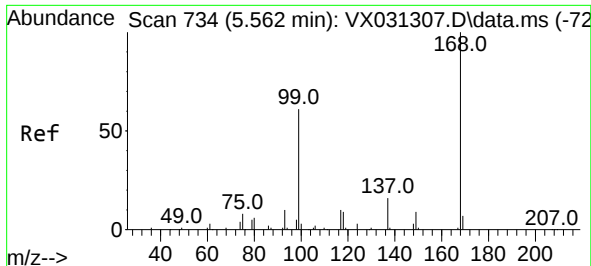
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
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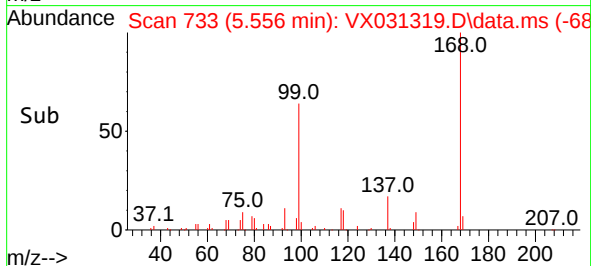
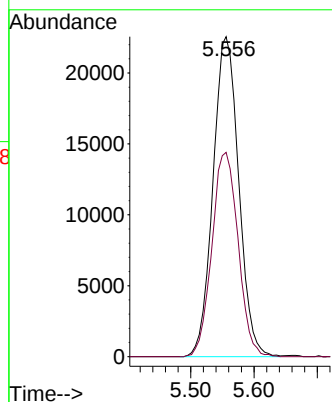
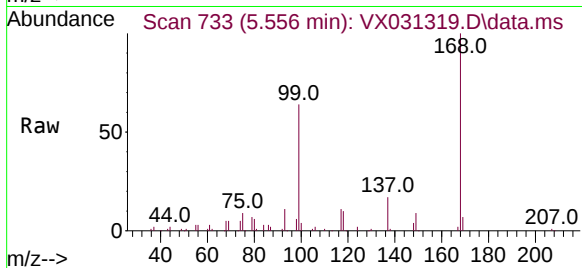




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

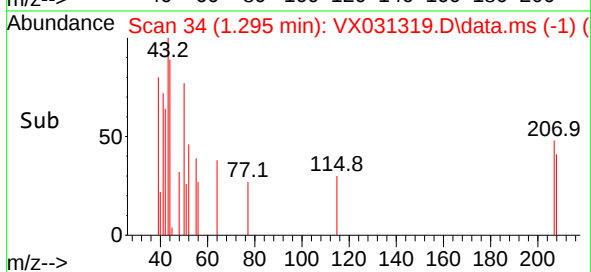
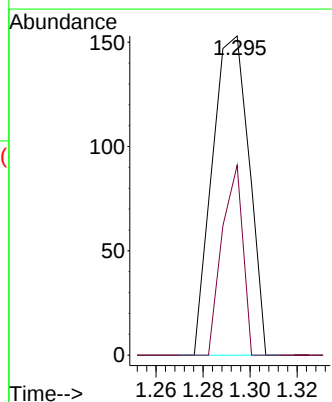
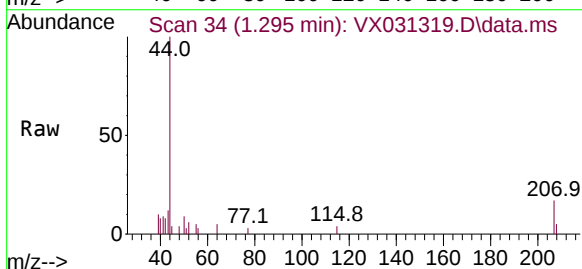
Instrument :
MSVOA_X
ClientSampleId :
EB01-090122

Tgt Ion:168 Resp: 63617
Ion Ratio Lower Upper
168 100
99 63.9 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

Tgt Ion: 50 Resp: 166
Ion Ratio Lower Upper
50 100
52 59.5 26.9 40.3#

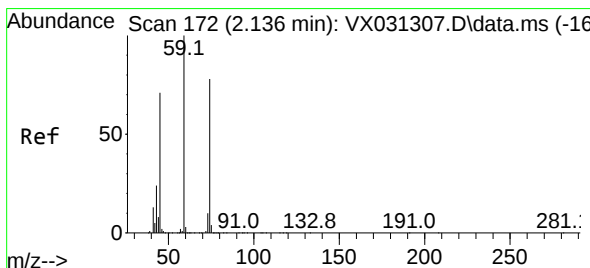
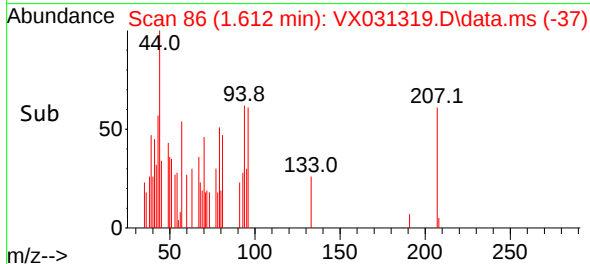
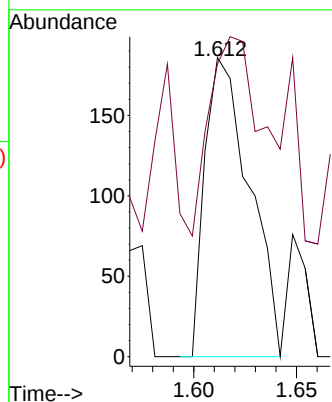
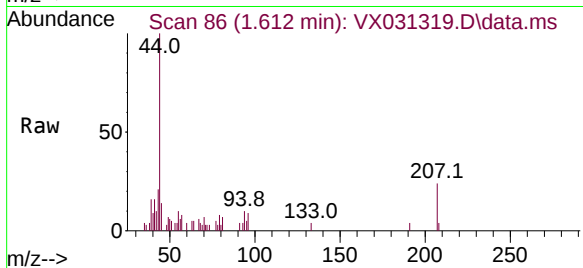




#5
Bromomethane
Concen: 0.336 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

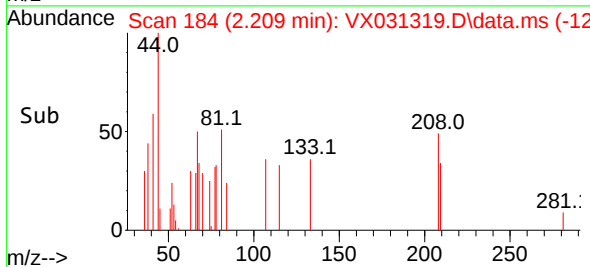
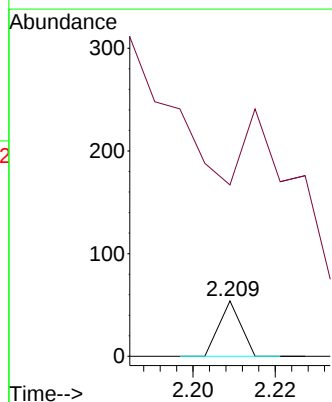
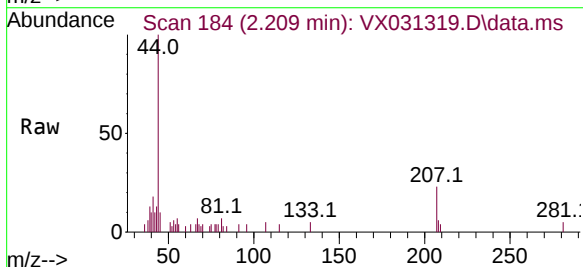
Instrument :
MSVOA_X
ClientSampleId :
EB01-090122

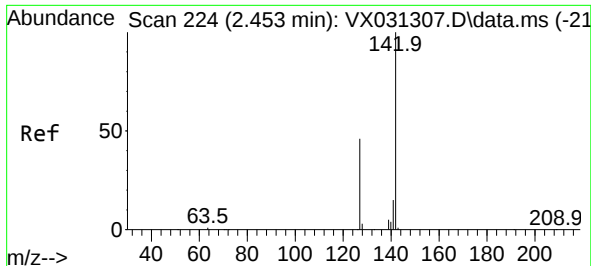
Tgt Ion: 94 Resp: 280
Ion Ratio Lower Upper
94 100
96 50.0 74.4 111.6#



#8
Diethyl Ether
Concen: 0.550 ug/l
RT: 2.209 min Scan# 184
Delta R.T. 0.073 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

Tgt Ion: 74 Resp: 20
Ion Ratio Lower Upper
74 100
45 0.0 48.5 145.6#





#10

Methyl Iodide

Concen: 0.958 ug/l

RT: 2.465 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX031319.D

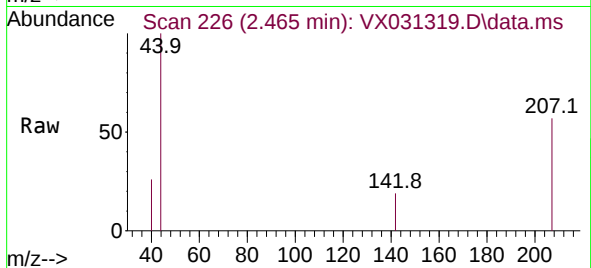
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Instrument :

MSVOA_X

ClientSampleId :

EB01-090122



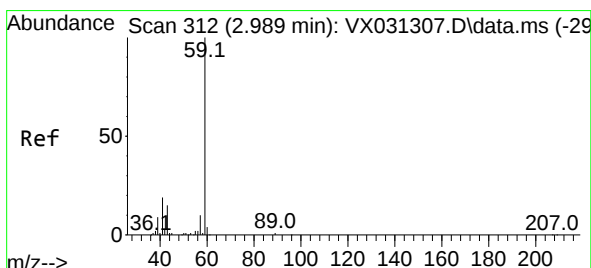
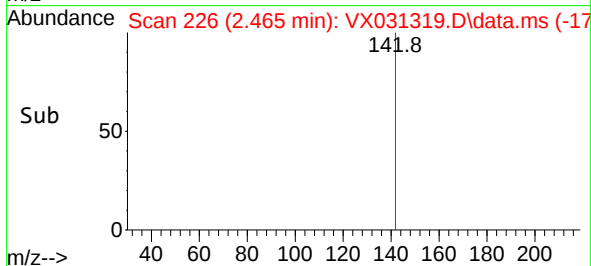
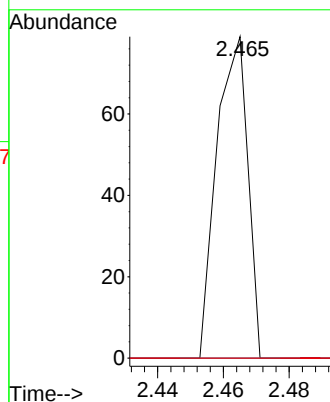
Tgt Ion:142 Resp: 52

Ion Ratio Lower Upper

142 100

127 0.0 37.4 56.0#

141 0.0 11.6 17.4#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.042 min

Lab File: VX031319.D

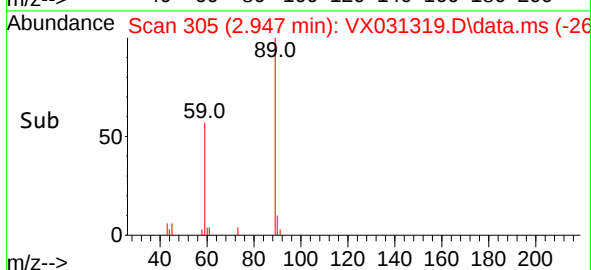
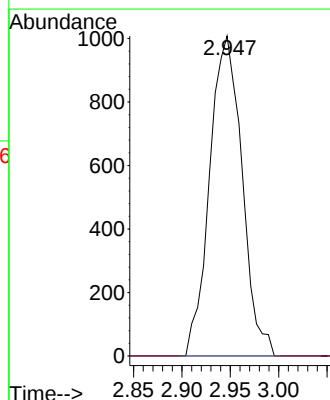
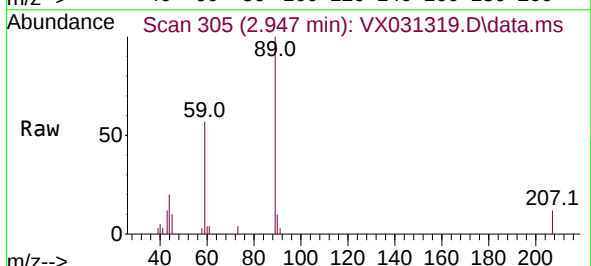
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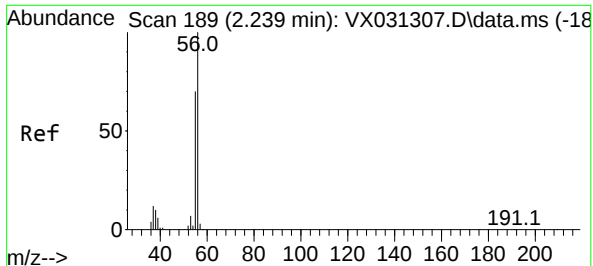
Tgt Ion: 59 Resp: 2347

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#

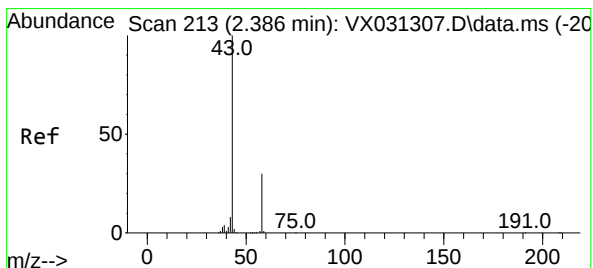
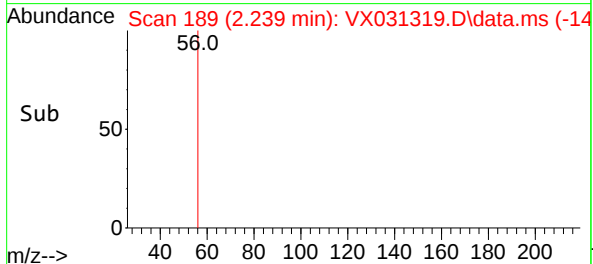
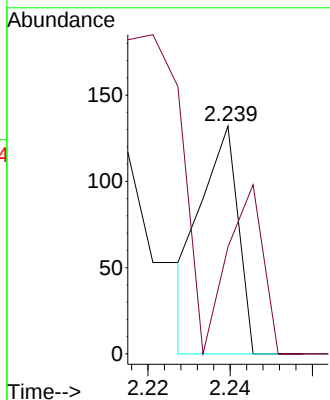
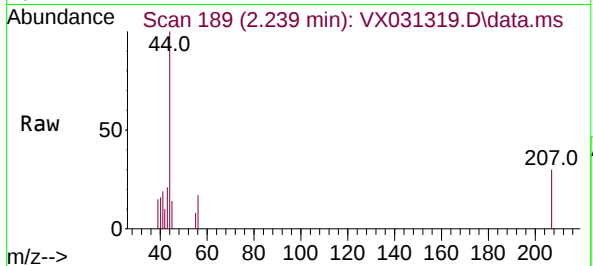




#13
Acrolein
Concen: 0.450 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

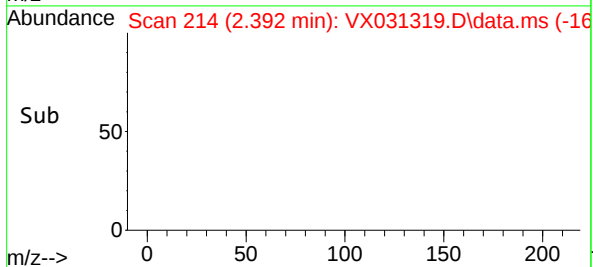
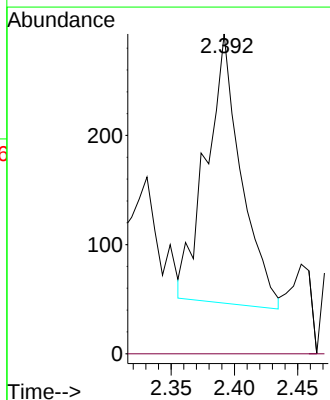
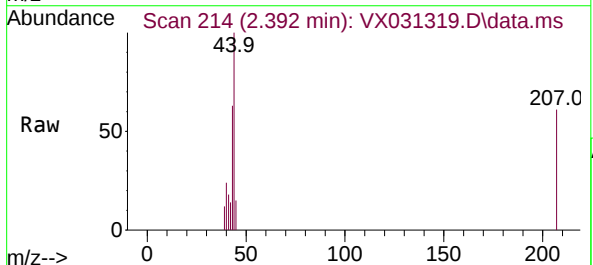
Instrument :
MSVOA_X
ClientSampleId :
EB01-090122

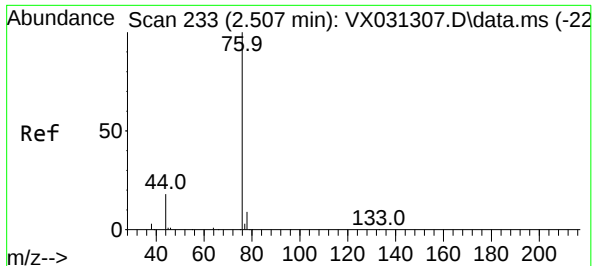
Tgt Ion: 56 Resp: 81
Ion Ratio Lower Upper
56 100
55 123.5 56.0 84.0#



#16
Acetone
Concen: 0.707 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

Tgt Ion: 43 Resp: 471
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

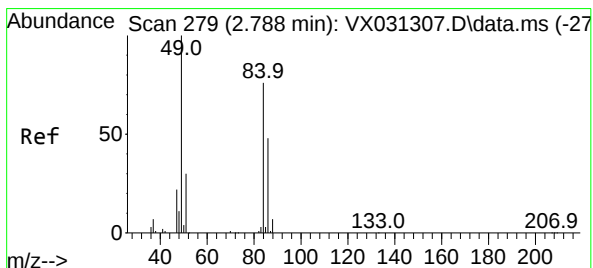
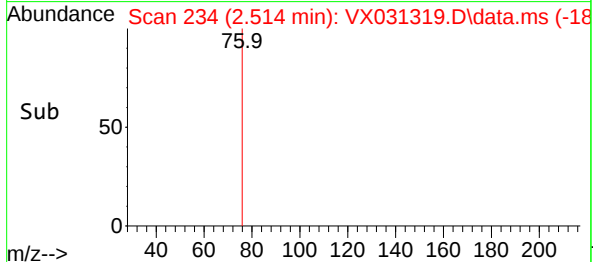
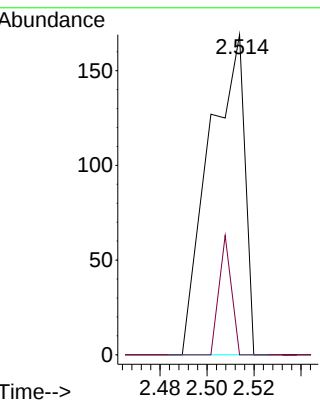
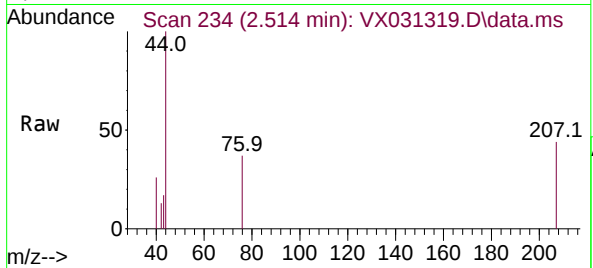




#17
Carbon Disulfide
Concen: 0.961 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

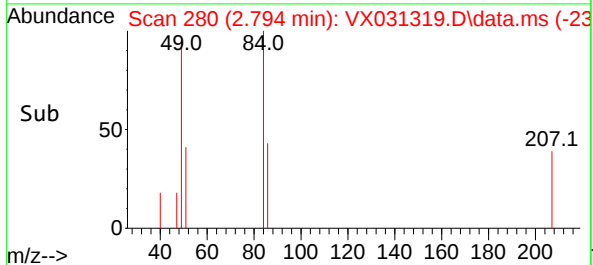
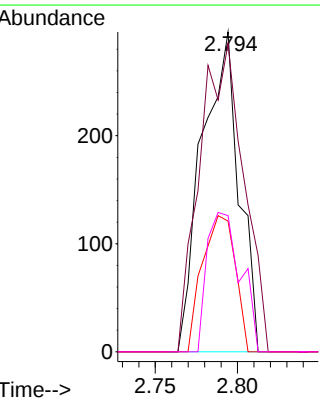
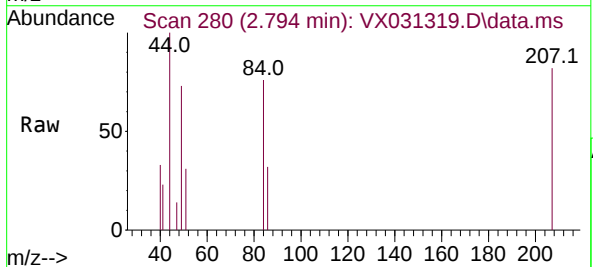
Instrument :
MSVOA_X
ClientSampleId :
EB01-090122

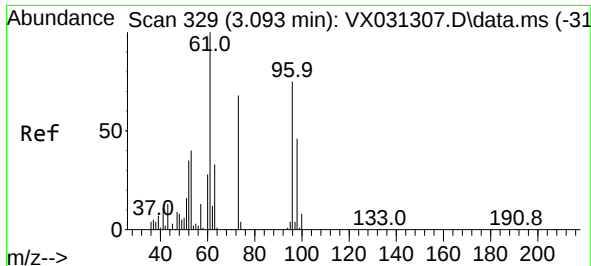
Tgt Ion: 76 Resp: 177
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

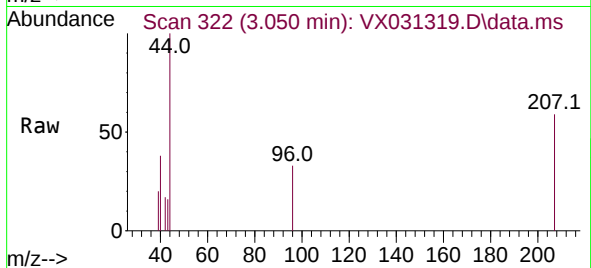
Tgt Ion: 84 Resp: 463
Ion Ratio Lower Upper
84 100
49 96.3 105.9 158.9#
51 40.9 32.2 48.2
86 42.6 50.8 76.2#



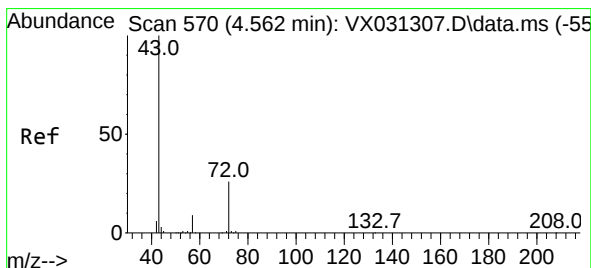
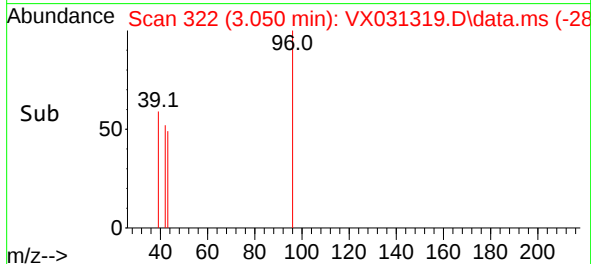
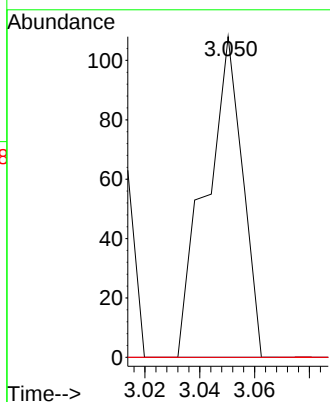


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.050 min Scan# 31
Delta R.T. -0.043 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

Instrument :
MSVOA_X
ClientSampleId :
EB01-090122

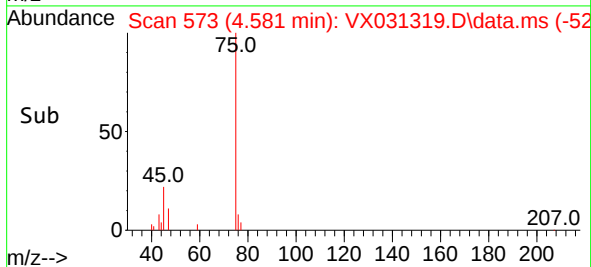
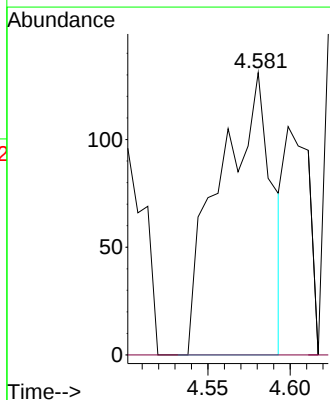
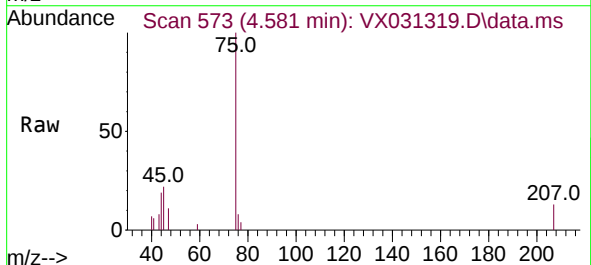


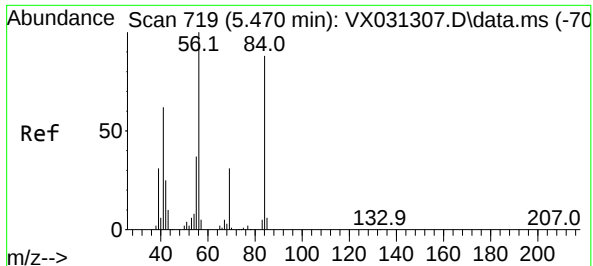
Tgt Ion: 96 Resp: 99
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#



#25
2-Butanone
Concen: 0.262 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.019 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

Tgt Ion: 43 Resp: 288
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#

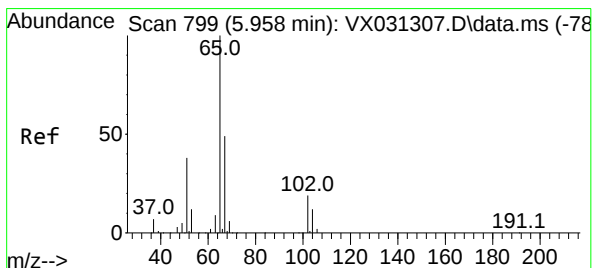
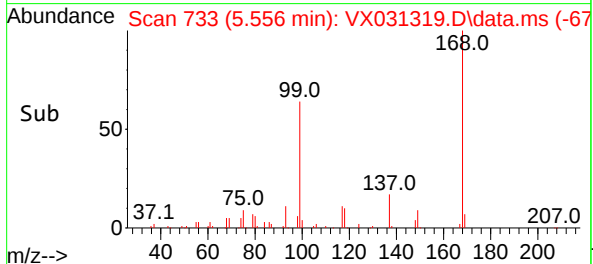
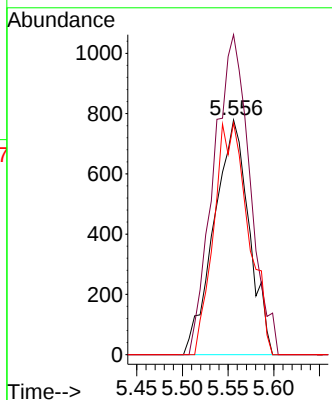
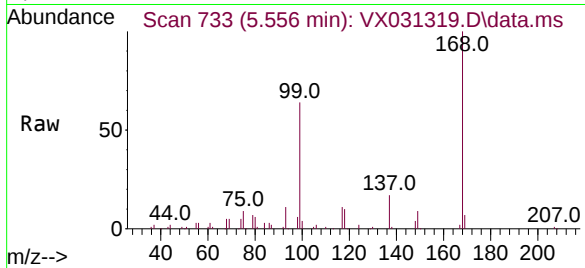




#31
Cyclohexane
Concen: 1.237 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

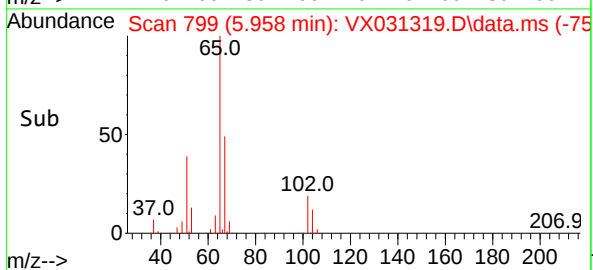
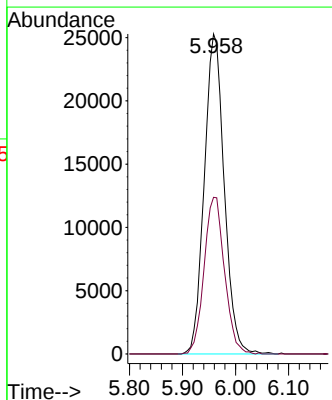
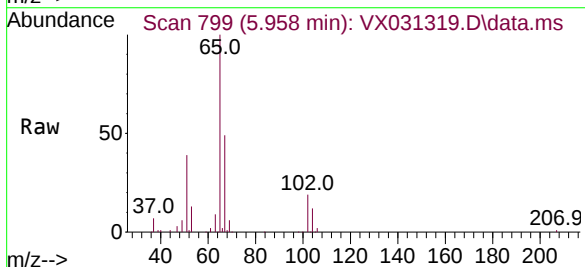
Instrument :
MSVOA_X
ClientSampleId :
EB01-090122

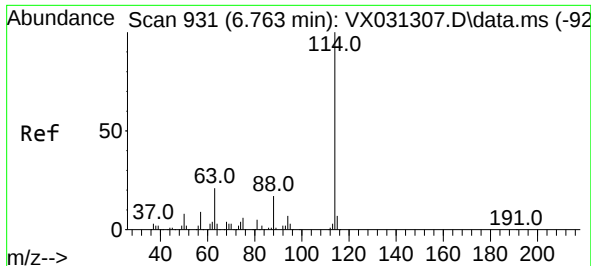
Tgt Ion: 56 Resp: 2075
Ion Ratio Lower Upper
56 100
69 136.3 25.1 37.7#
84 98.7 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 42.320 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

Tgt Ion: 65 Resp: 66083
Ion Ratio Lower Upper
65 100
67 50.1 0.0 102.4

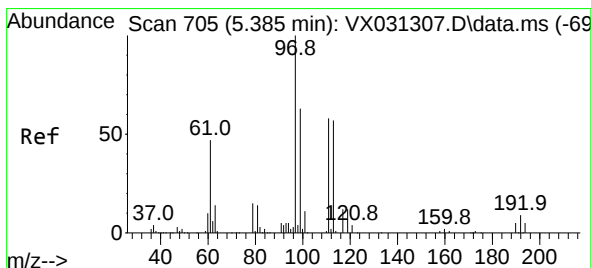
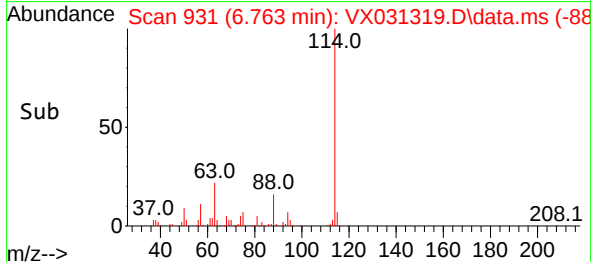
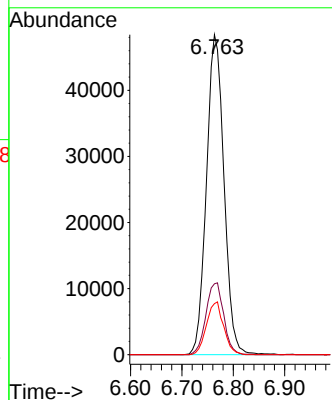
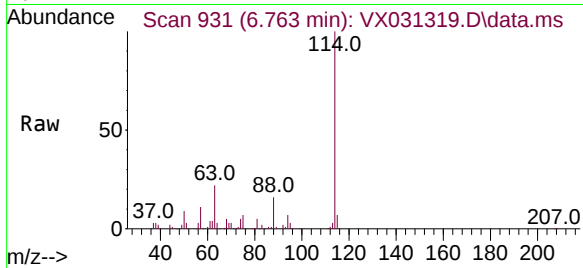




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

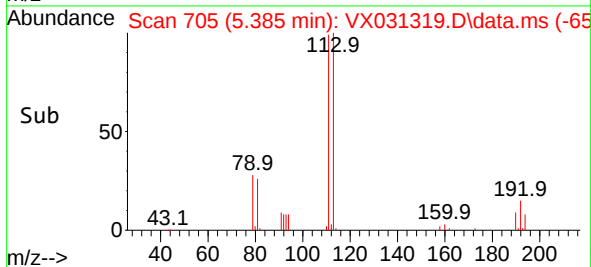
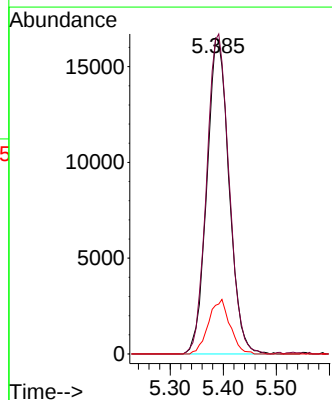
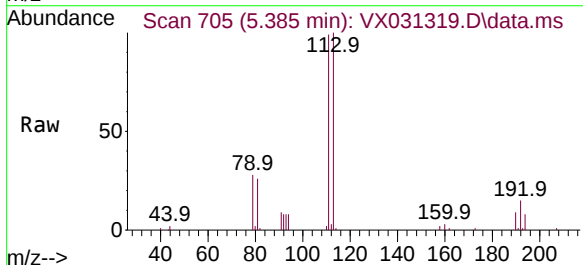
Instrument :
MSVOA_X
ClientSampleId :
EB01-090122

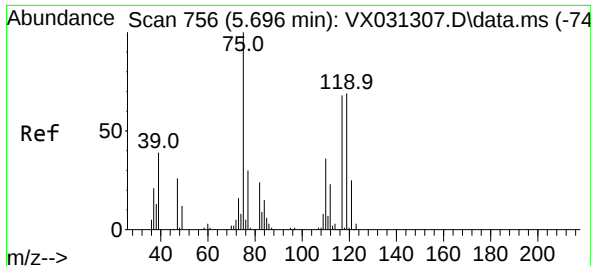
Tgt Ion:	114	Resp:	114688
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	42.6
88	16.0	0.0	33.0



#35
Dibromofluoromethane
Concen: 38.788 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

Tgt Ion:	113	Resp:	47818
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	16.7	14.1	21.1

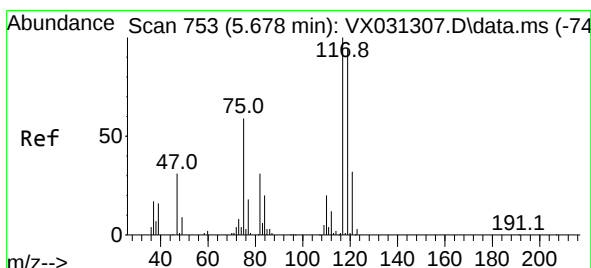
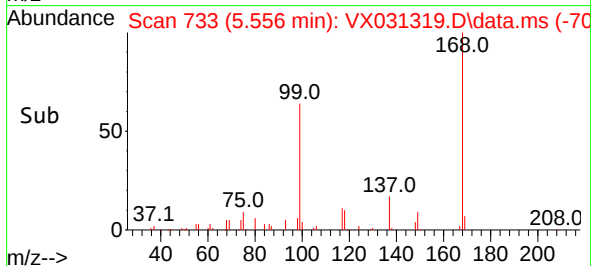
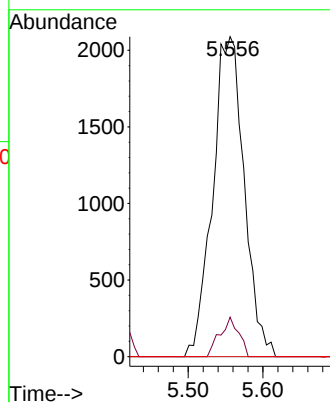
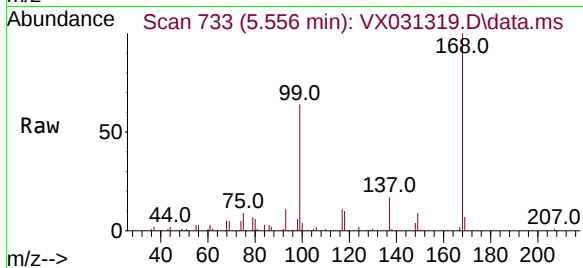




#36
1,1-Dichloropropene
Concen: 3.630 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

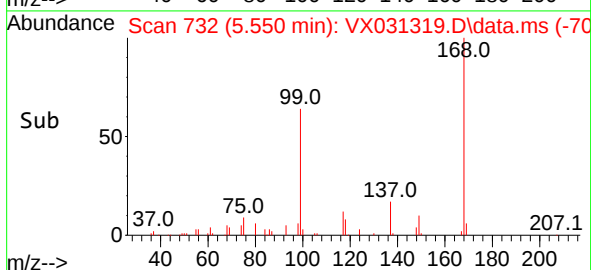
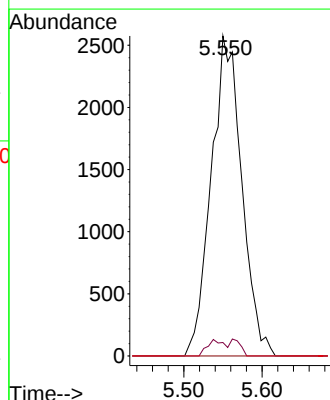
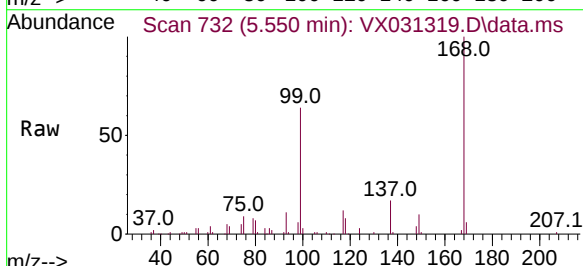
Instrument :
MSVOA_X
ClientSampleId :
EB01-090122

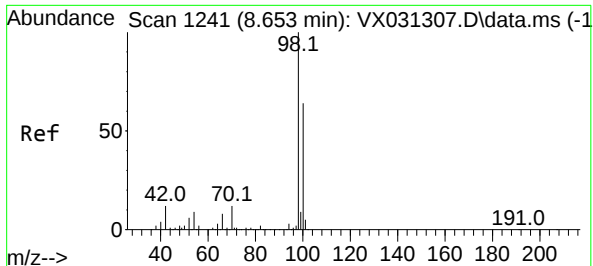
Tgt Ion: 75 Resp: 6126
Ion Ratio Lower Upper
75 100
110 7.3 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.804 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

Tgt Ion: 117 Resp: 6977
Ion Ratio Lower Upper
117 100
119 4.2 74.6 112.0#
121 0.0 25.3 37.9#

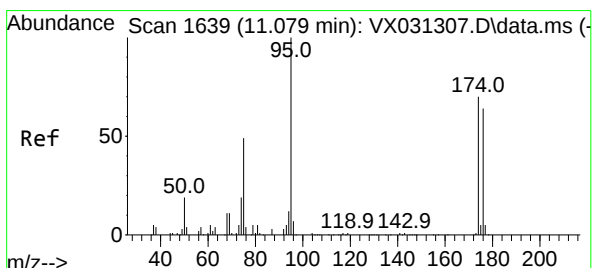
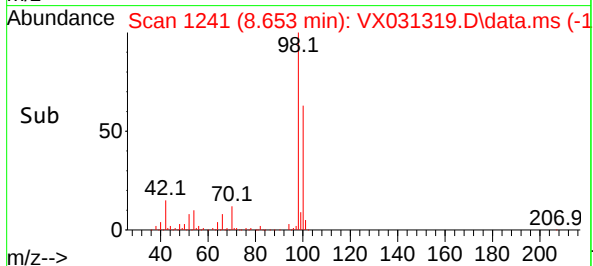
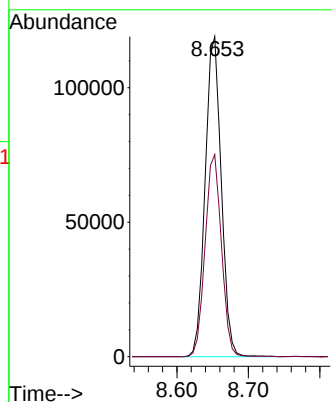
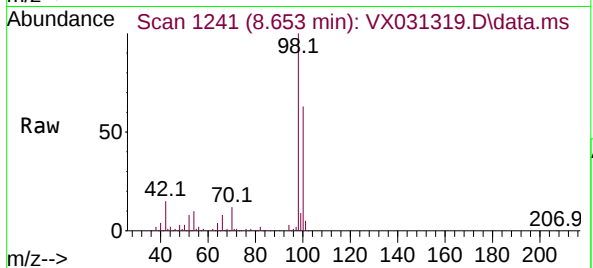




#50
Toluene-d8
Concen: 40.299 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

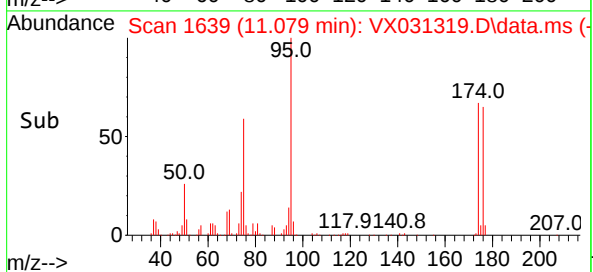
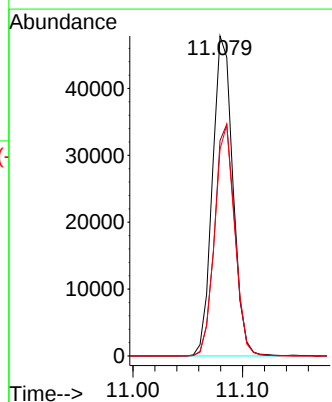
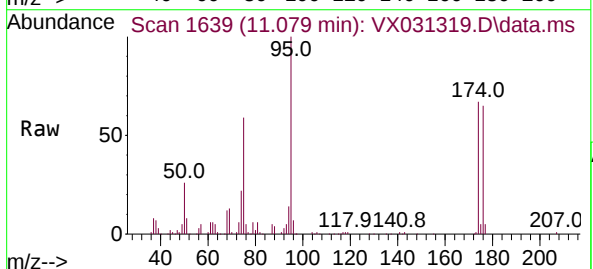
Instrument :
MSVOA_X
ClientSampleId :
EB01-090122

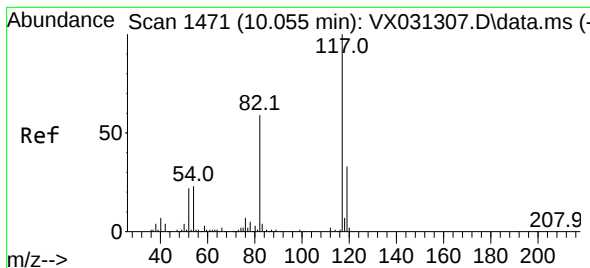
Tgt Ion: 98 Resp: 186361
Ion Ratio Lower Upper
98 100
100 64.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 36.607 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

Tgt Ion: 95 Resp: 61992
Ion Ratio Lower Upper
95 100
174 71.6 0.0 153.2
176 70.7 0.0 144.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031319.D

Acq: 14 Sep 2022 20:38

Instrument :

MSVOA_X

ClientSampleId :

EB01-090122

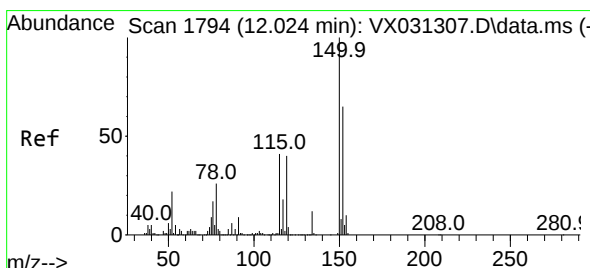
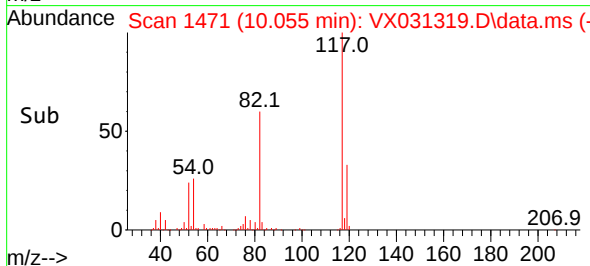
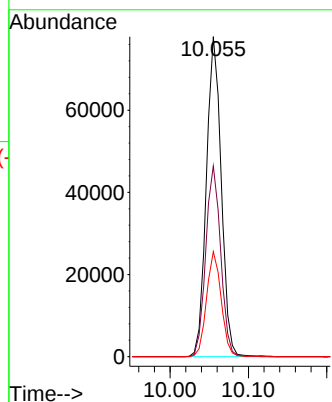
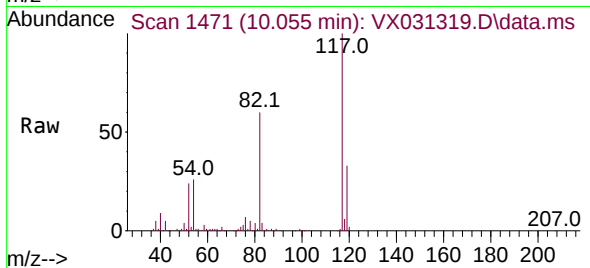
Tgt Ion:117 Resp: 102402

Ion Ratio Lower Upper

117 100

82 59.6 46.8 70.2

119 32.8 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX031319.D

Acq: 14 Sep 2022 20:38

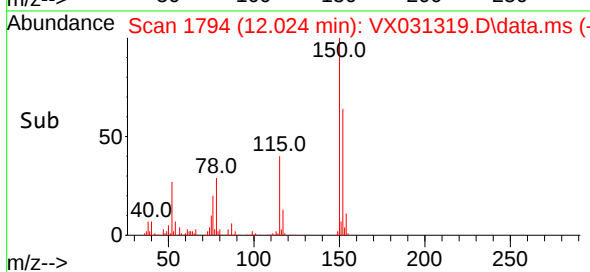
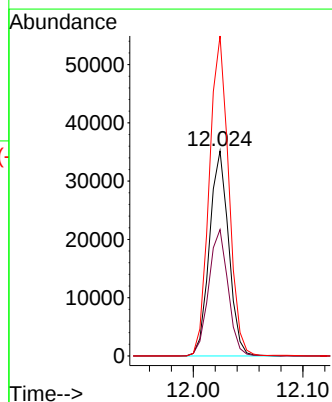
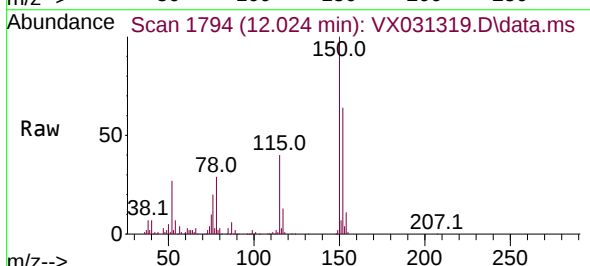
Tgt Ion:152 Resp: 42674

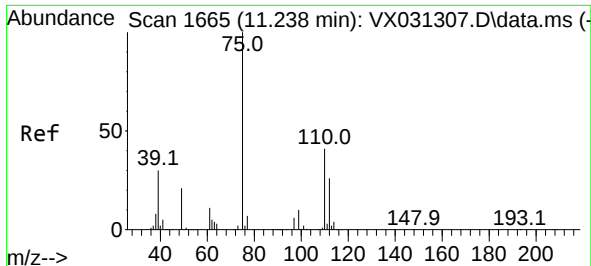
Ion Ratio Lower Upper

152 100

115 62.6 43.4 130.1

150 157.6 0.0 346.8

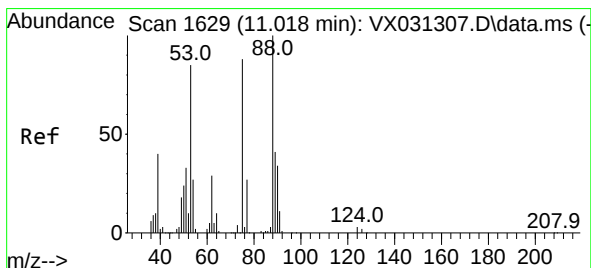
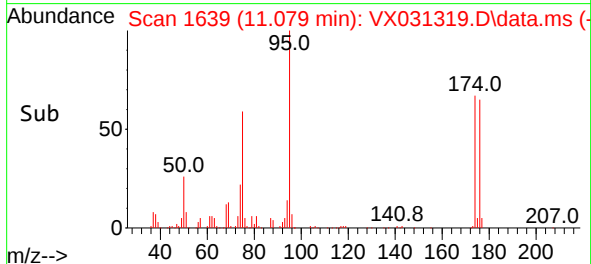
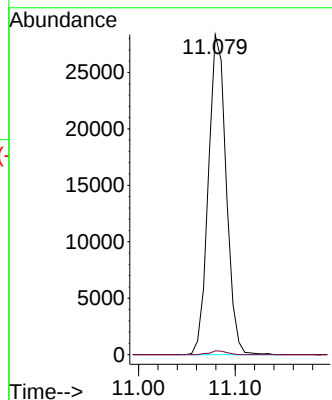
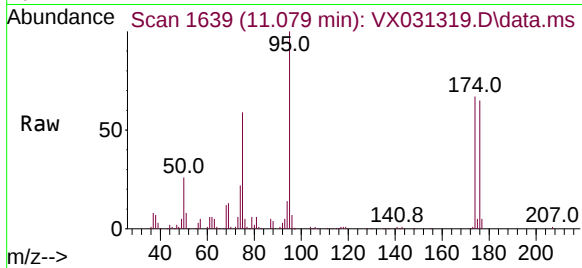




#76
1,2,3-Trichloropropane
Concen: 33.806 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

Instrument :
MSVOA_X
ClientSampleId :
EB01-090122

Tgt Ion: 75 Resp: 36355
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.543 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031319.D
Acq: 14 Sep 2022 20:38

Tgt Ion: 75 Resp: 36355
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

