

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030751.D
 Acq On : 23 Aug 2022 23:07
 Operator : JC/MD
 Sample : N4245-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D2-20220816DL

Quant Time: Sep 06 03:03:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 24 16:33:27 2022
 Response via : Initial Calibration

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

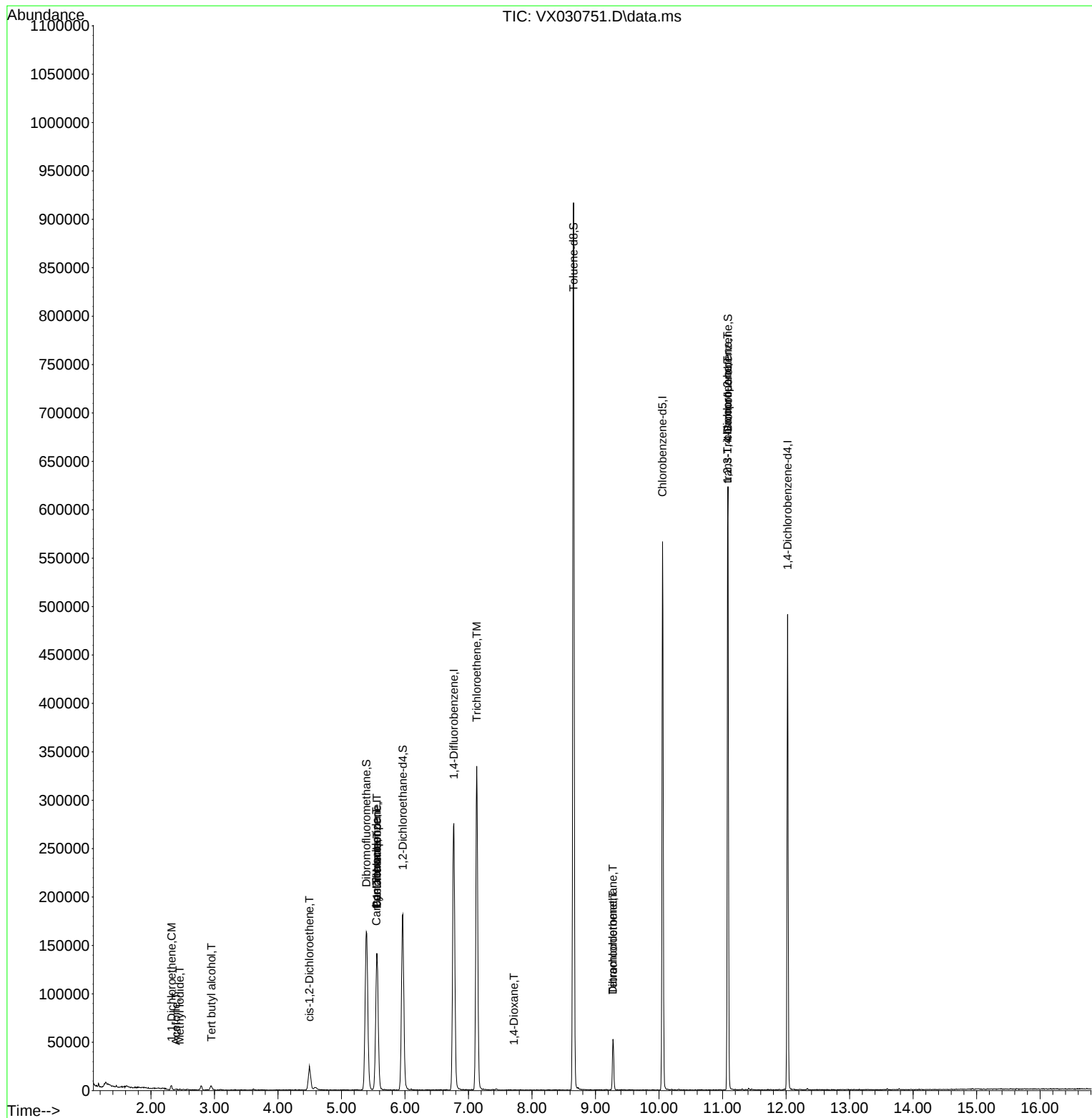
Internal Standards						
1) Pentafluorobenzene	5.556	168	133657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	297374	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	164877	61.374	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.740%			
35) Dibromofluoromethane	5.391	113	152469	53.634	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.260%			
50) Toluene-d8	8.653	98	569015	51.687	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.380%			
62) 4-Bromofluorobenzene	11.085	95	182524	44.674	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.340%			
Target Compounds						Qvalue
5) Bromomethane	1.618	94	436	Below Cal		82
10) Methyl Iodide	2.453	142	412	1.717 ug/l #		86
11) Tert butyl alcohol	2.953	59	2921	4.458 ug/l #		74
12) 1,1-Dichloroethene	2.325	96	1612	0.772 ug/l #		80
16) Acetone	2.392	43	1130	0.822 ug/l #		88
20) Methylene Chloride	2.800	84	2006	Below Cal #		86
27) cis-1,2-Dichloroethene	4.495	96	16216	5.984 ug/l		86
31) Cyclohexane	5.556	56	2669	0.684 ug/l #		1
36) 1,1-Dichloropropene	5.556	75	10367	2.534 ug/l #		49
38) Carbon Tetrachloride	5.550	117	13411	3.511 ug/l #		16
44) Trichloroethene	7.129	130	131604	37.418 ug/l		95
49) 1,4-Dioxane	7.714	88	53	0.549 ug/l #		25
60) Dibromochloromethane	9.275	129	10309	3.331 ug/l #		11
64) Tetrachloroethene	9.275	164	9769	3.387 ug/l		99
67) Ethyl Benzene	10.201	91	415	Below Cal		97
76) 1,2,3-Trichloropropane	11.079	75	84374	32.187 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	84374	96.559 ug/l #		13

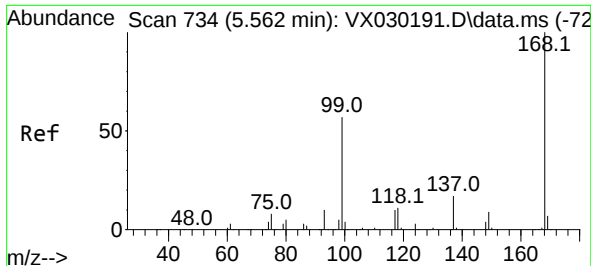
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 06 03:03:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 24 16:33:27 2022
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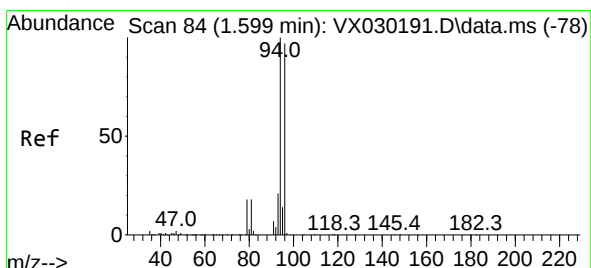
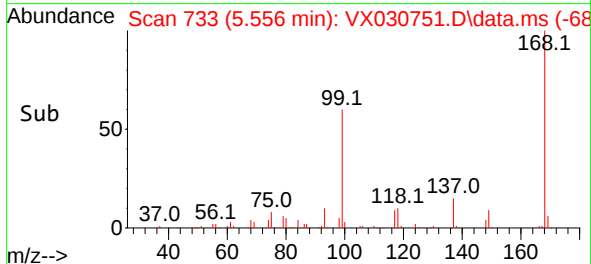
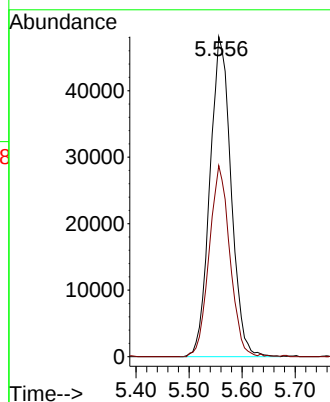
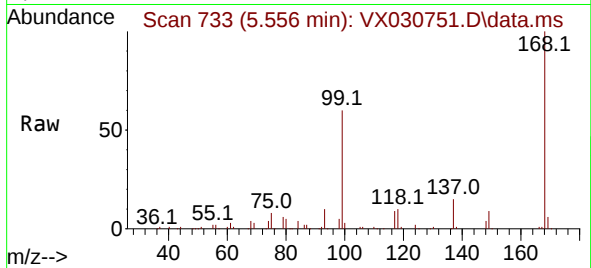




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

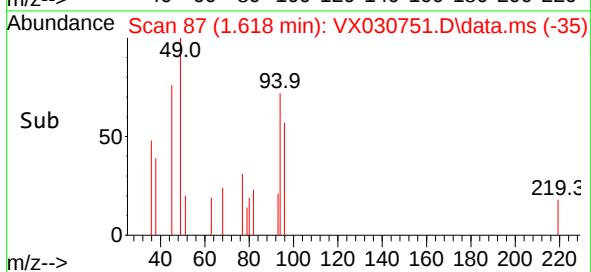
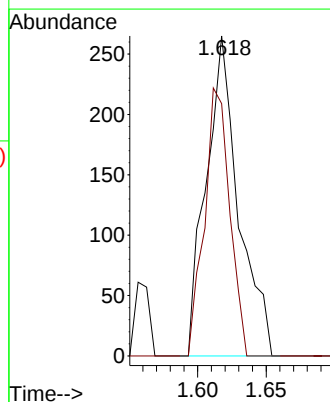
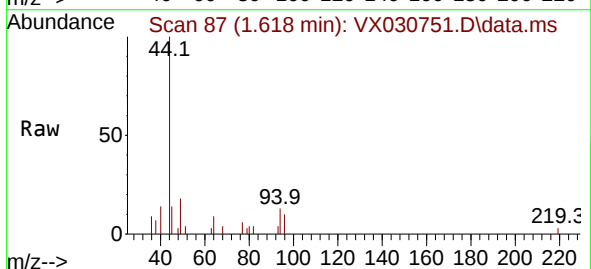
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20220816DL

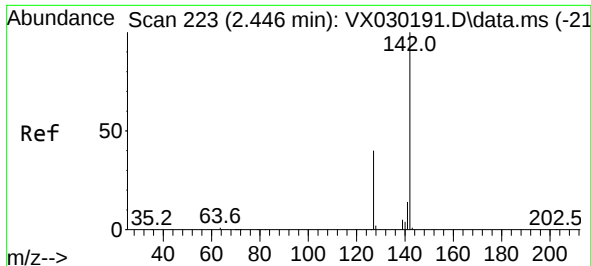
Tgt Ion:168 Resp: 133657
Ion Ratio Lower Upper
168 100
99 59.7 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

Tgt Ion: 94 Resp: 436
Ion Ratio Lower Upper
94 100
96 78.9 76.9 115.3

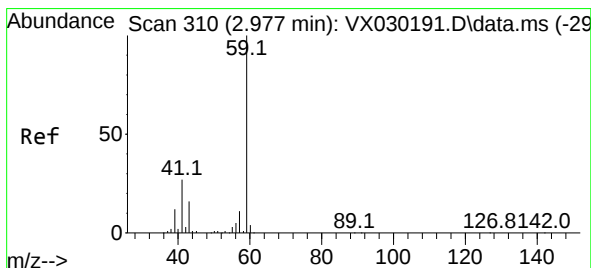
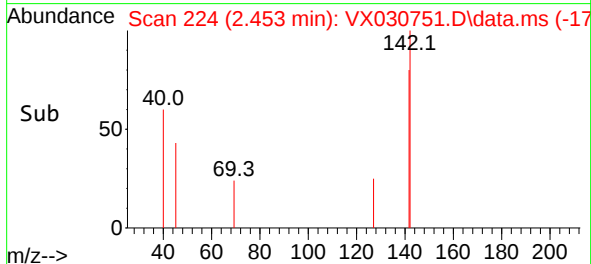
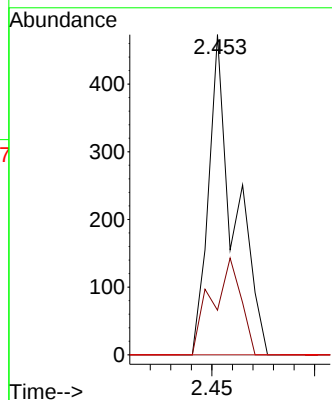
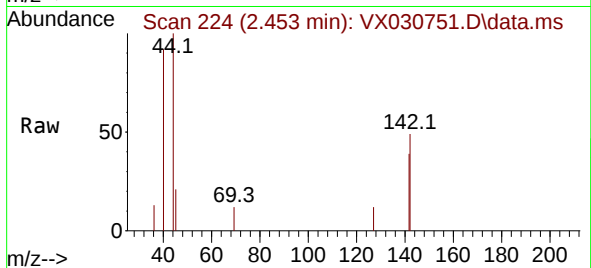




#10
Methyl Iodide
Concen: 1.717 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

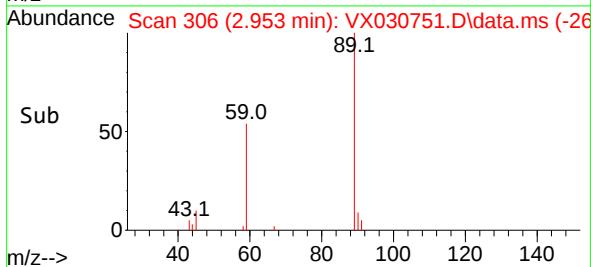
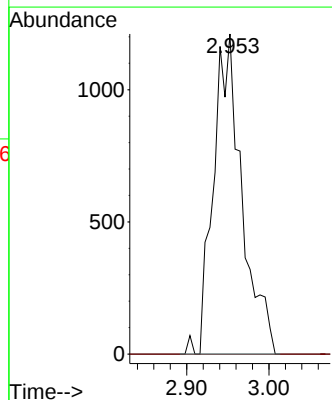
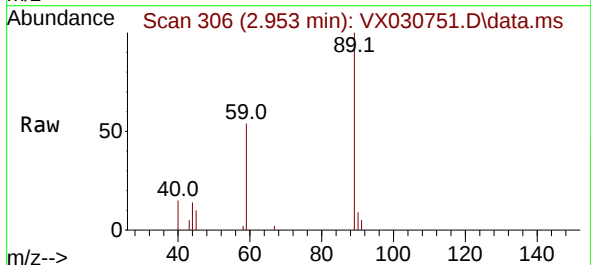
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20220816DL

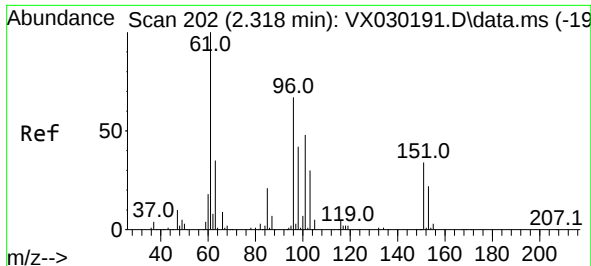
Tgt Ion:142 Resp: 412
Ion Ratio Lower Upper
142 100
127 34.0 30.2 45.2
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 4.458 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

Tgt Ion: 59 Resp: 2921
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

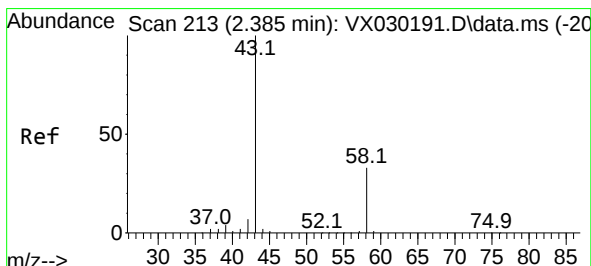
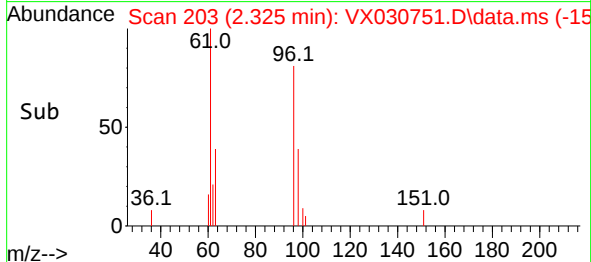
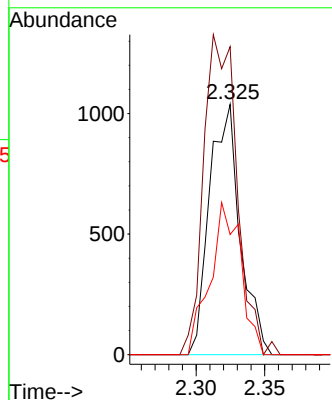
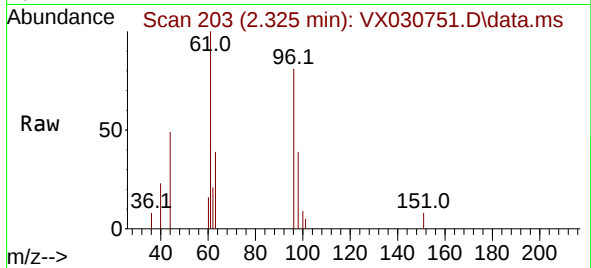




#12
1,1-Dichloroethene
Concen: 0.772 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.007 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

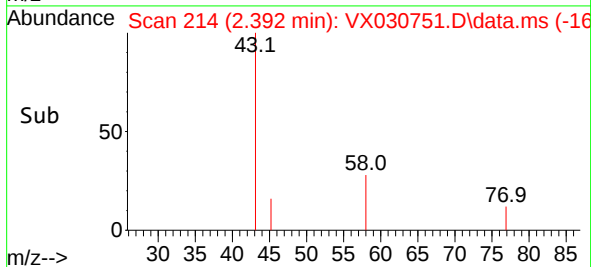
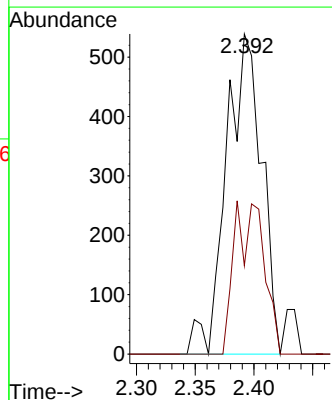
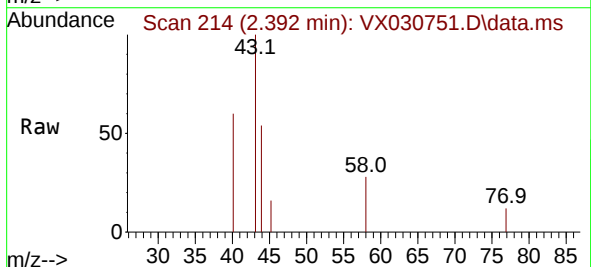
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20220816DL

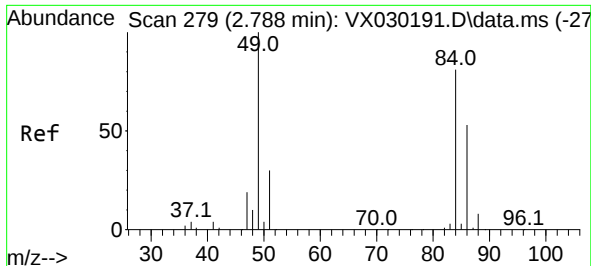
Tgt Ion: 96 Resp: 1612
Ion Ratio Lower Upper
96 100
61 123.0 117.4 176.0
98 48.0 52.2 78.4#



#16
Acetone
Concen: 0.822 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
58 27.6 27.7 41.5#

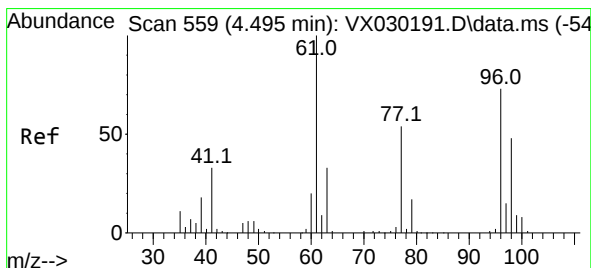
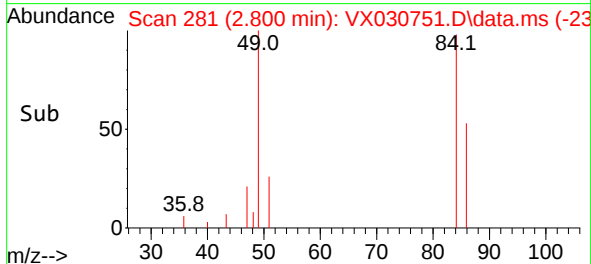
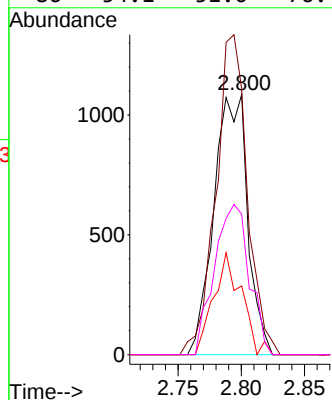
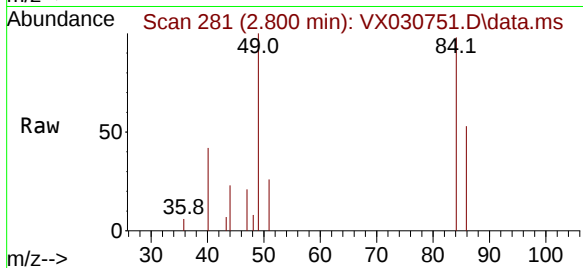




#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

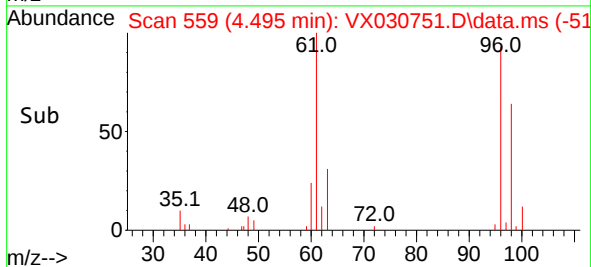
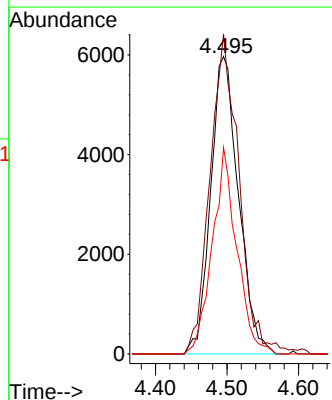
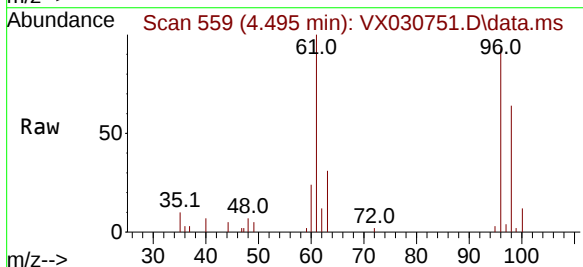
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20220816DL

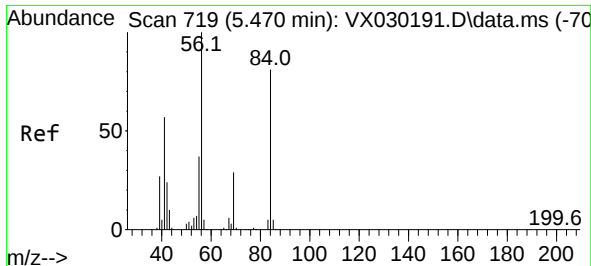
Tgt Ion:	84	Resp:	2006
Ion	Ratio	Lower	Upper
84	100		
49	102.3	93.8	140.6
51	26.5	29.4	44.0
86	54.1	51.0	76.4



#27
cis-1,2-Dichloroethene
Concen: 5.984 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

Tgt Ion:	96	Resp:	16216
Ion	Ratio	Lower	Upper
96	100		
61	111.9	0.0	270.0
98	60.8	0.0	127.8

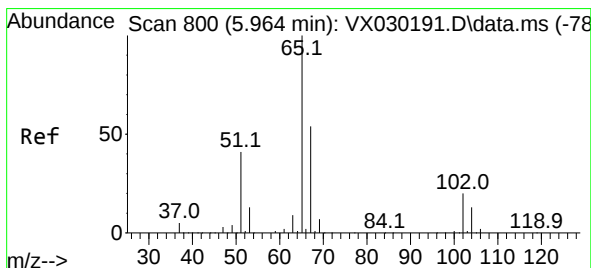
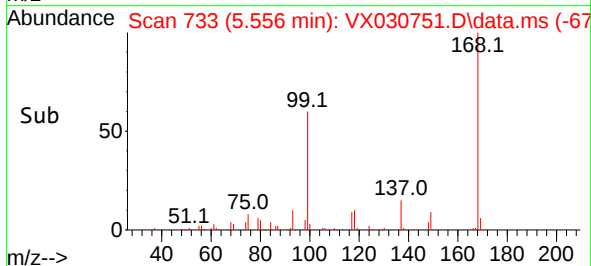
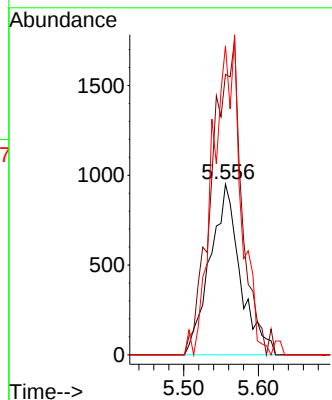
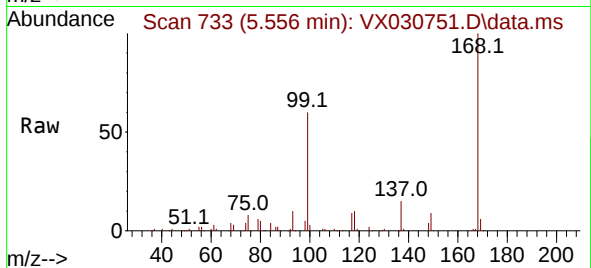




#31
Cyclohexane
Concen: 0.684 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

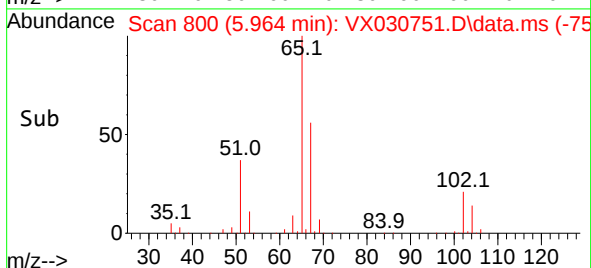
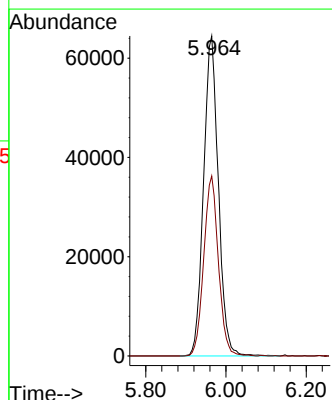
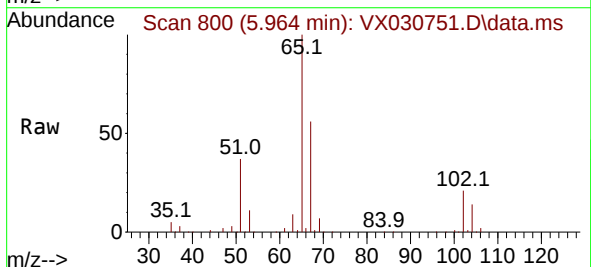
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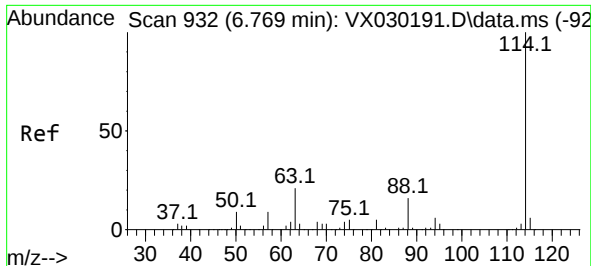
Tgt Ion: 56 Resp: 2669
Ion Ratio Lower Upper
56 100
69 164.2 25.4 38.0#
84 181.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 61.374 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

Tgt Ion: 65 Resp: 164877
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.6

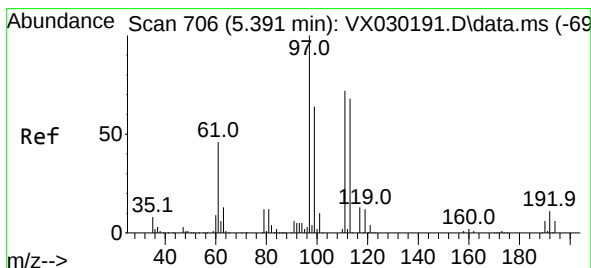
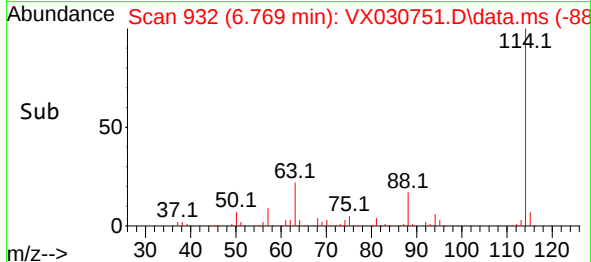
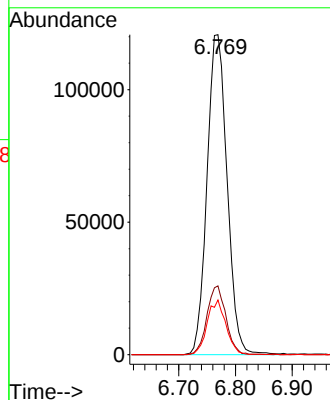
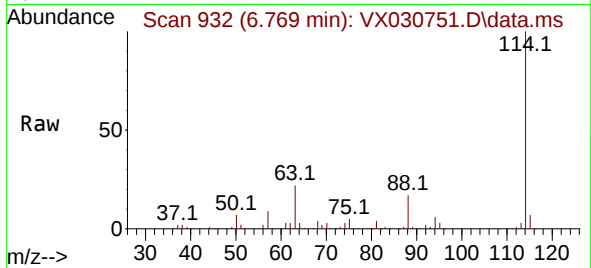




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

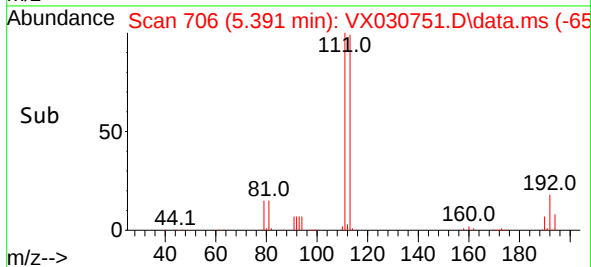
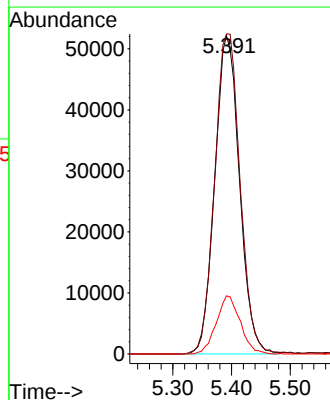
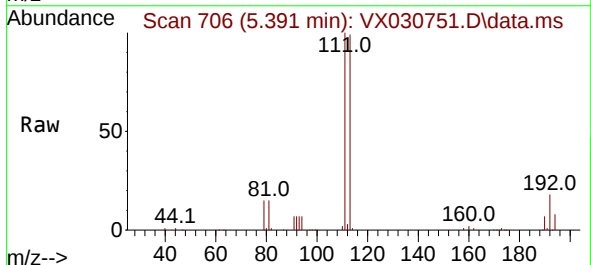
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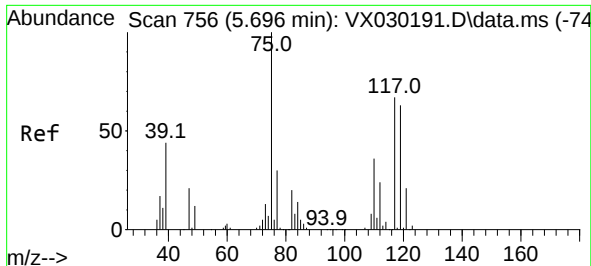
Tgt Ion:114 Resp: 297374
Ion Ratio Lower Upper
114 100
63 21.5 0.0 38.4
88 17.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.634 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

Tgt Ion:113 Resp: 152469
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 17.7 14.8 22.2

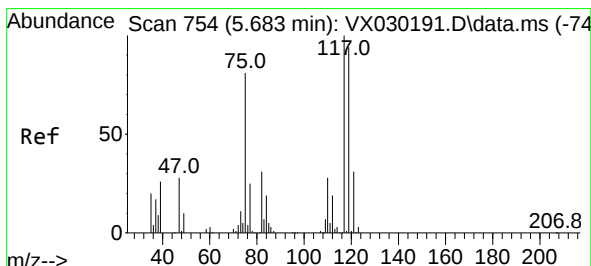
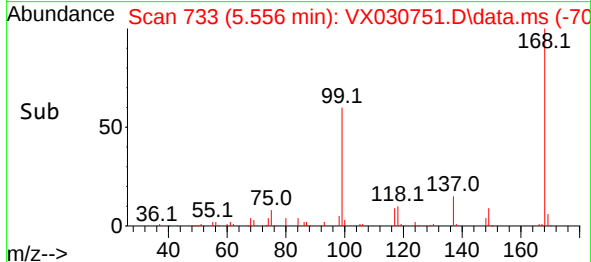
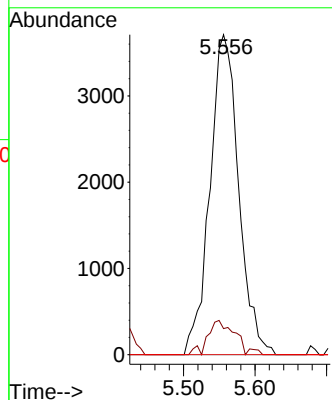
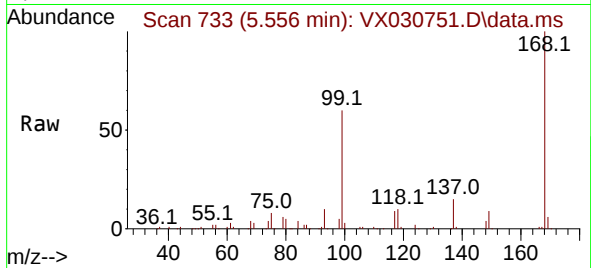




#36
1,1-Dichloropropene
Concen: 2.534 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

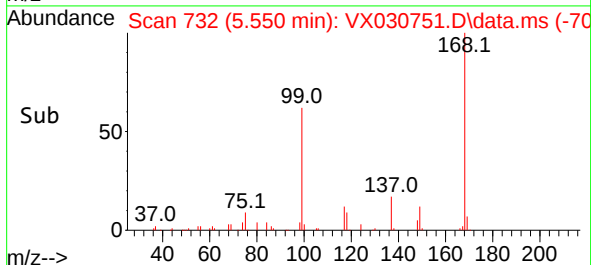
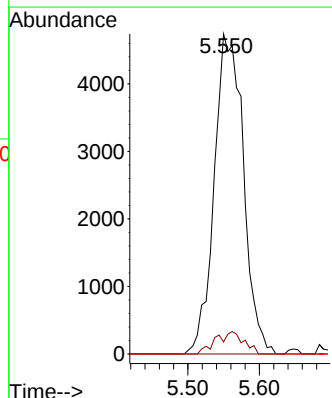
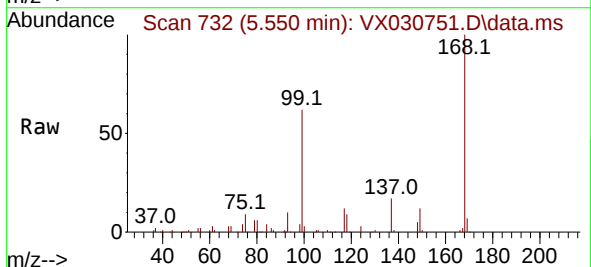
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20220816DL

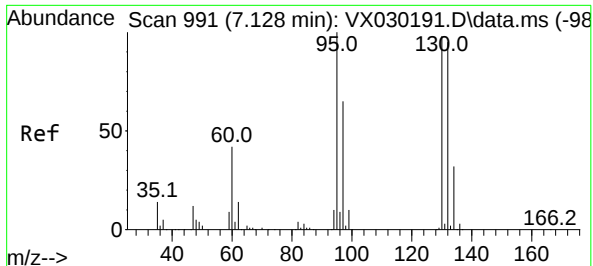
Tgt Ion: 75 Resp: 10367
Ion Ratio Lower Upper
75 100
110 10.2 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 3.511 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.133 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

Tgt Ion: 117 Resp: 13411
Ion Ratio Lower Upper
117 100
119 3.7 74.1 111.1#
121 0.0 25.8 38.8#

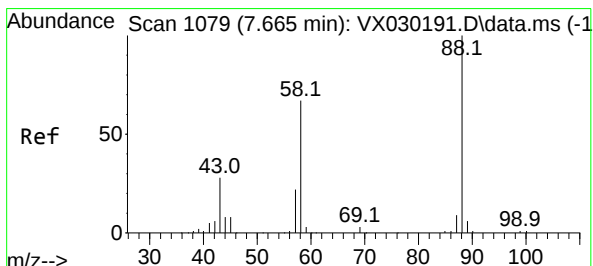
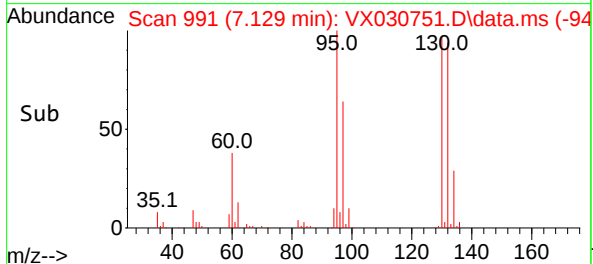
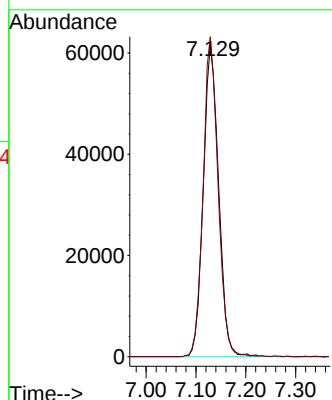
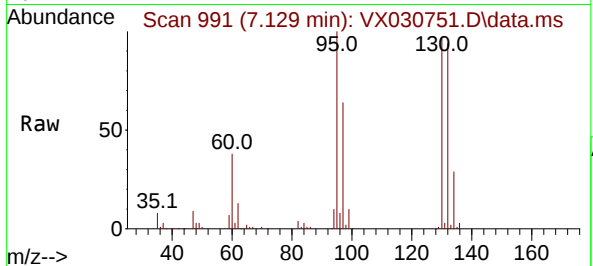




#44
Trichloroethene
Concen: 37.418 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

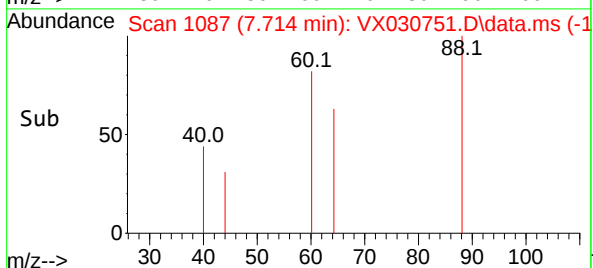
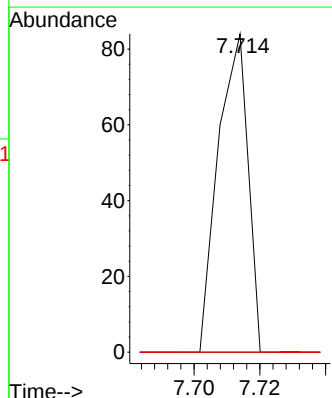
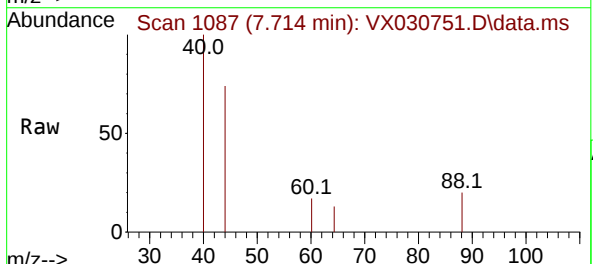
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20220816DL

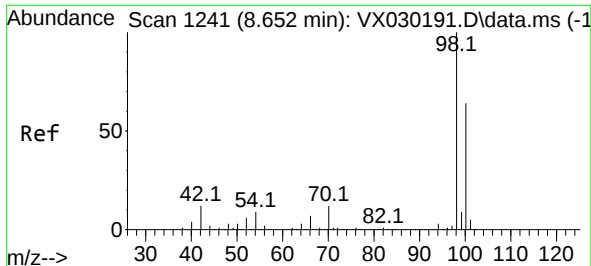
Tgt Ion:130 Resp: 131604
Ion Ratio Lower Upper
130 100
95 102.8 0.0 194.8



#49
1,4-Dioxane
Concen: 0.549 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.049 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

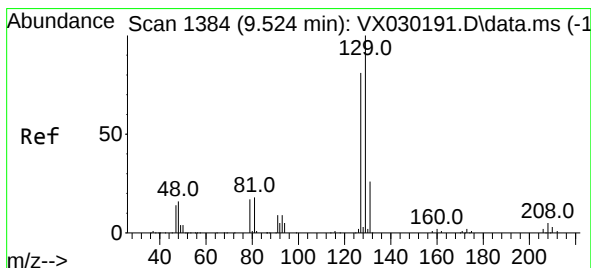
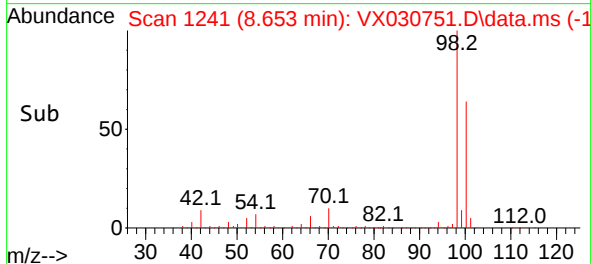
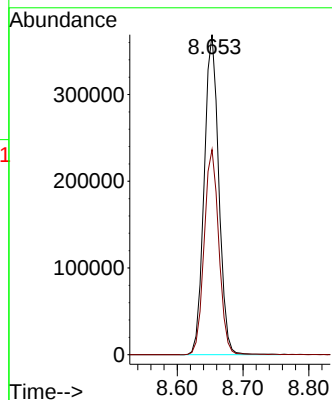
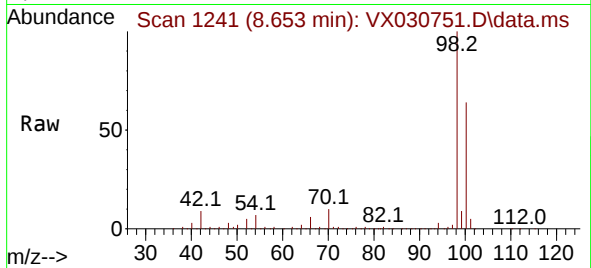




#50
Toluene-d8
Concen: 51.687 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

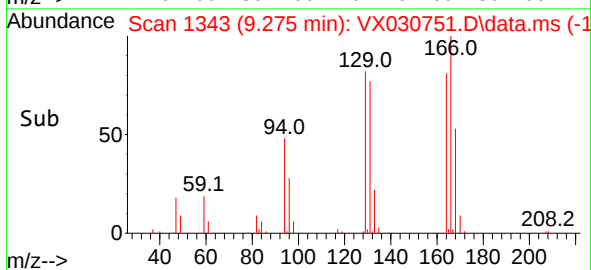
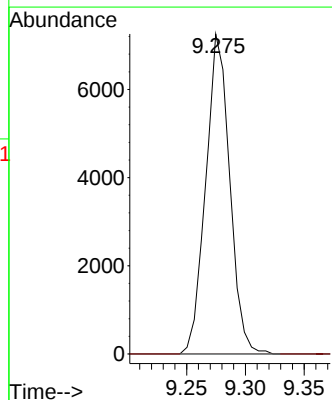
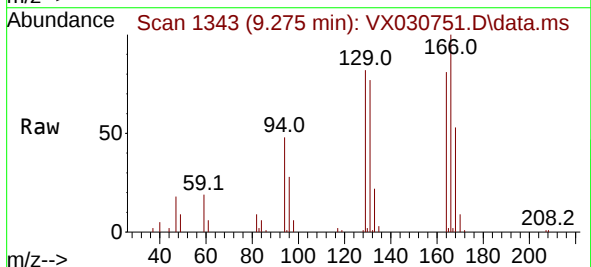
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20220816DL

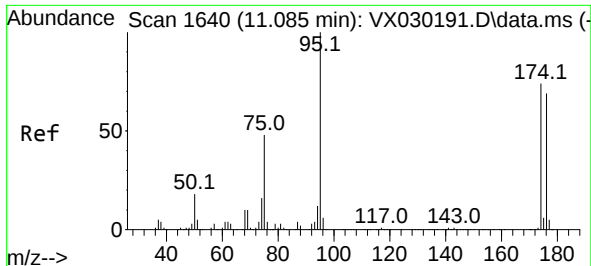
Tgt Ion: 98 Resp: 569015
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#60
Dibromochloromethane
Concen: 3.331 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

Tgt Ion: 129 Resp: 10309
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

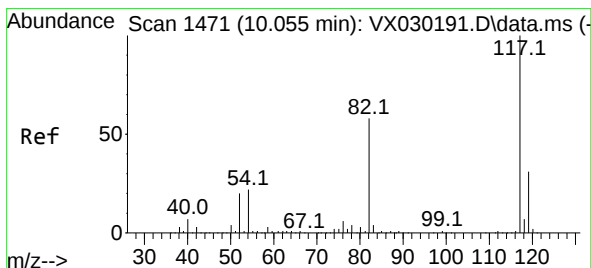
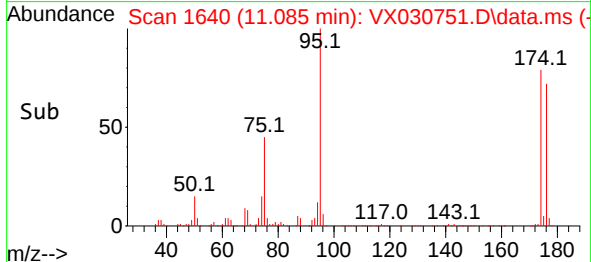
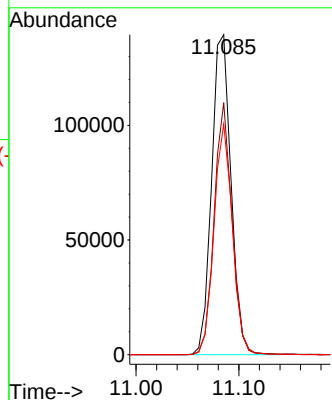
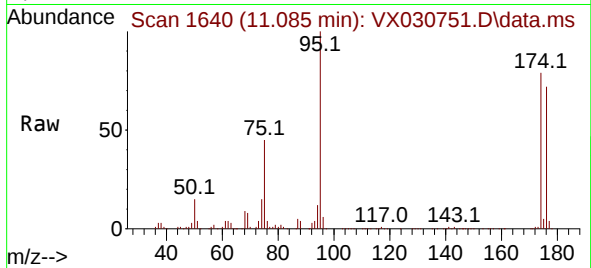




#62
4-Bromofluorobenzene
Concen: 44.674 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

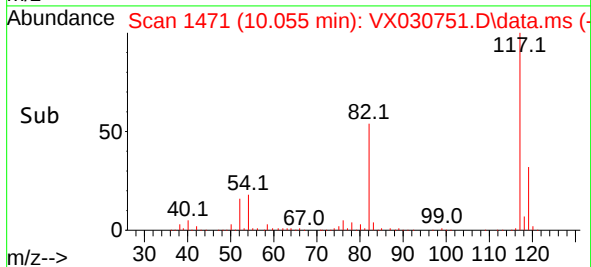
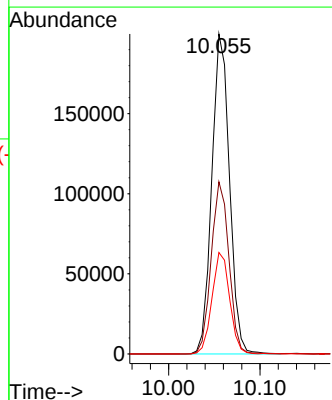
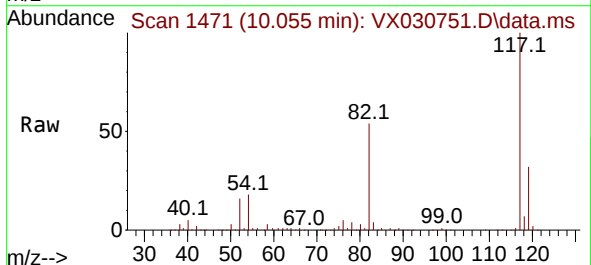
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20220816DL

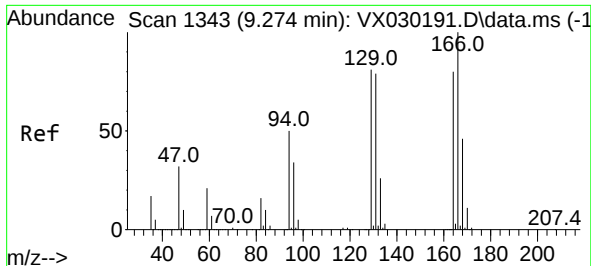
Tgt Ion: 95 Resp: 182524
Ion Ratio Lower Upper
95 100
174 73.2 0.0 149.0
176 68.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

Tgt Ion: 117 Resp: 267943
Ion Ratio Lower Upper
117 100
82 53.8 42.7 64.1
119 31.7 25.4 38.2

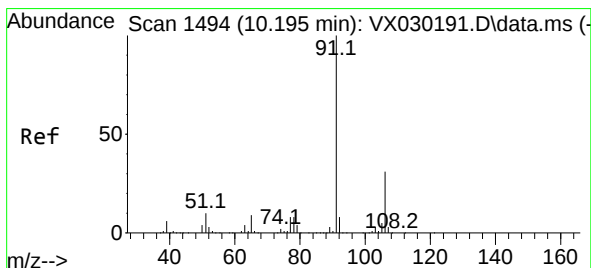
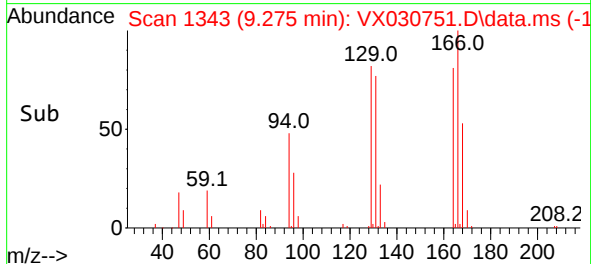
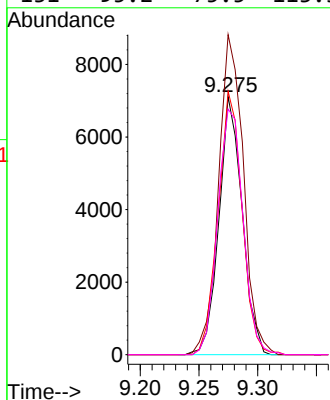
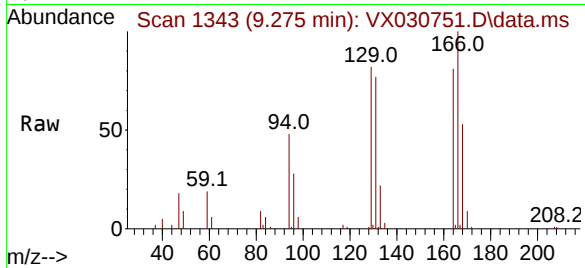




#64
Tetrachloroethene
Concen: 3.387 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

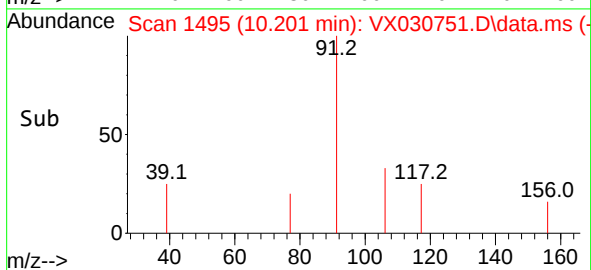
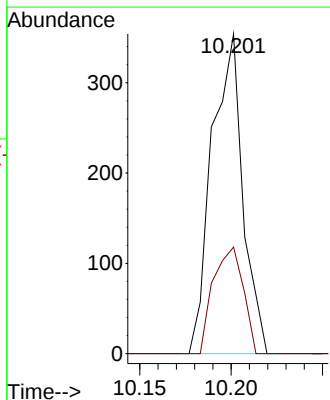
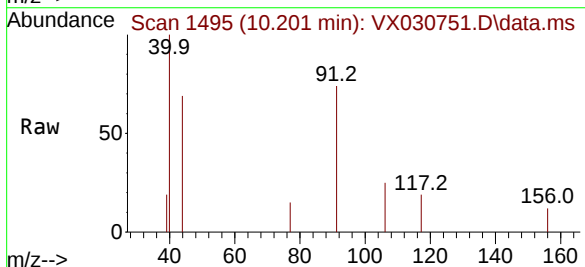
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20220816DL

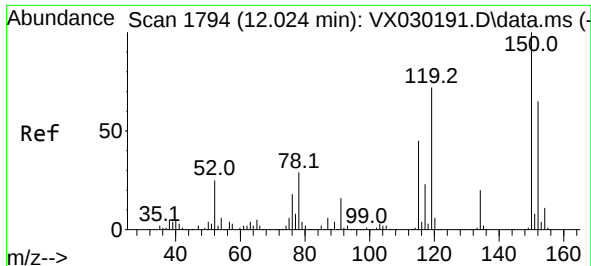
Tgt Ion:164 Resp: 9769
Ion Ratio Lower Upper
164 100
166 124.0 98.2 147.4
129 102.1 80.8 121.2
131 95.2 75.5 113.3



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

Tgt Ion: 91 Resp: 415
Ion Ratio Lower Upper
91 100
106 33.3 25.5 38.3

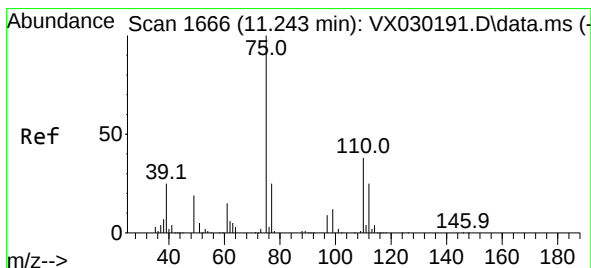
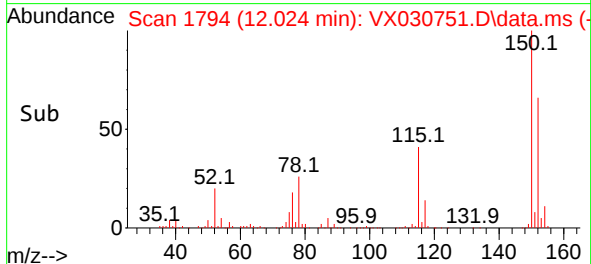
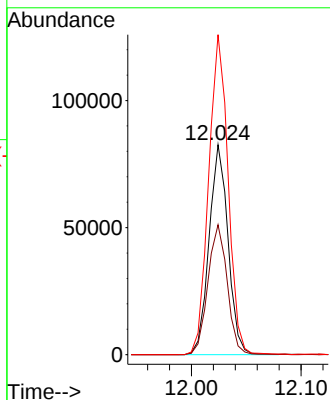
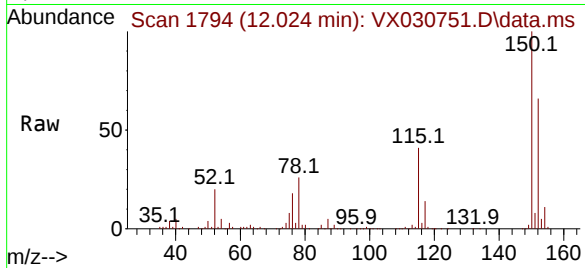




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX030751.D
 Acq: 23 Aug 2022 23:07

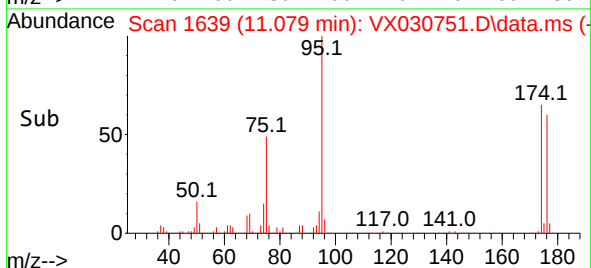
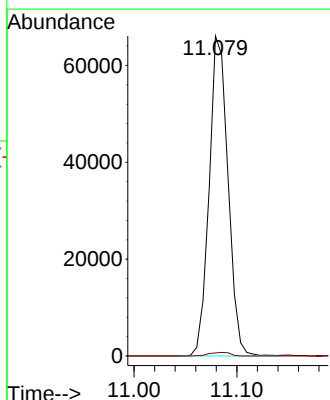
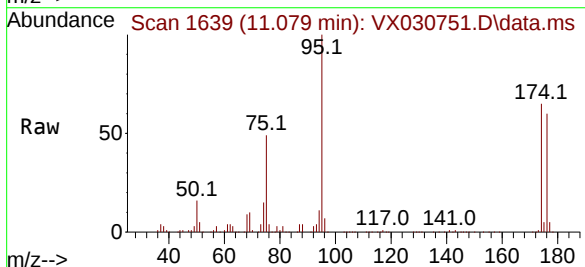
Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D2-20220816DL

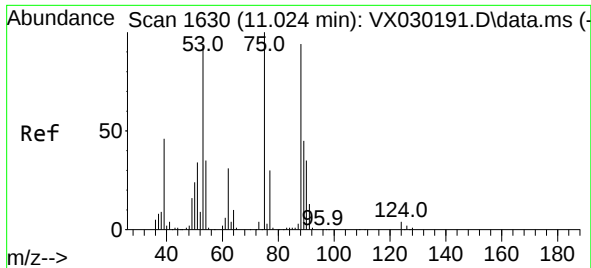
Tgt Ion:152 Resp: 99447
 Ion Ratio Lower Upper
 152 100
 115 63.0 40.5 121.5
 150 156.1 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 32.187 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX030751.D
 Acq: 23 Aug 2022 23:07

Tgt Ion: 75 Resp: 84374
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.559 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX030751.D
 Acq: 23 Aug 2022 23:07

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D2-20220816DL

Tgt Ion: 75 Resp: 84374
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

