

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030791.D
 Acq On : 25 Aug 2022 23:52
 Operator : JC/MD
 Sample : N4245-15DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20220817DL

Quant Time: Aug 26 02:43:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

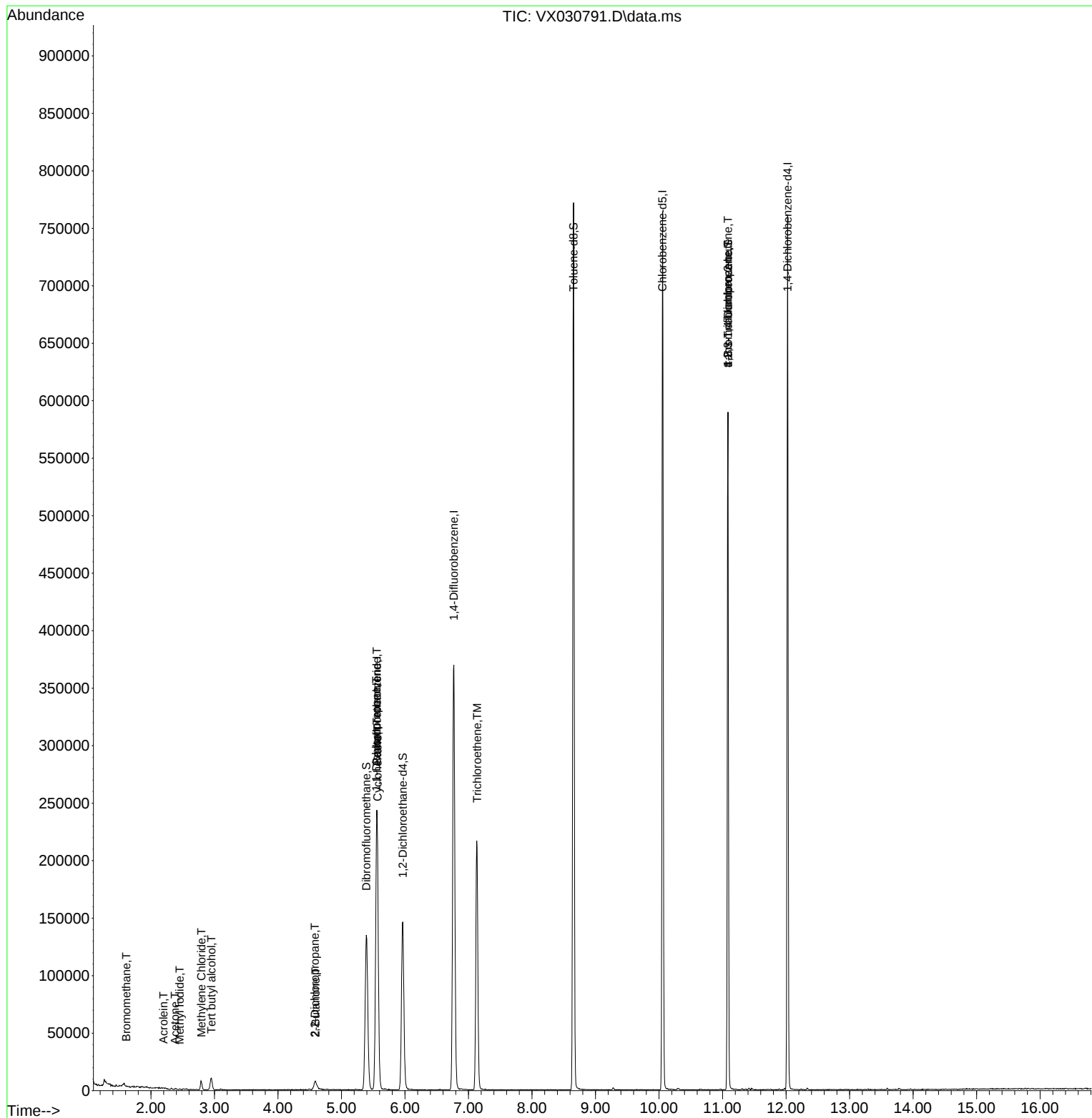
Internal Standards						
1) Pentafluorobenzene	5.556	168	233841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	390899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138735	50.438	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.880%	
35) Dibromofluoromethane	5.391	113	121388	50.528	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.060%	
50) Toluene-d8	8.653	98	462383	55.233	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.460%	
62) 4-Bromofluorobenzene	11.085	95	157045	50.388	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	320	Below Cal		97
4) Vinyl Chloride	1.374	62	100	Below Cal	#	38
5) Bromomethane	1.611	94	292	0.268	ug/l	88
6) Chloroethane	1.703	64	51	Below Cal	#	41
10) Methyl Iodide	2.453	142	576	4.308	ug/l	# 75
11) Tert butyl alcohol	2.953	59	6136	10.276	ug/l	# 74
13) Acrolein	2.197	56	52	10.147	ug/l	# 1
16) Acetone	2.380	43	954	0.751	ug/l	90
17) Carbon Disulfide	2.514	76	915	Below Cal	#	64
20) Methylene Chloride	2.794	84	3300	0.621	ug/l	# 87
25) 2-Butanone	4.593	43	682	0.333	ug/l	# 48
26) 2,2-Dichloropropane	4.580	77	721	0.223	ug/l	# 49
31) Cyclohexane	5.568	56	4686	1.332	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	18004	5.503	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	24240	7.025	ug/l	# 18
44) Trichloroethene	7.135	130	88789	31.400	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	76343	22.745	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	76343	73.385	ug/l	# 13

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

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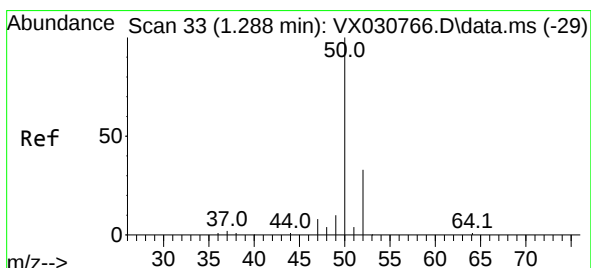
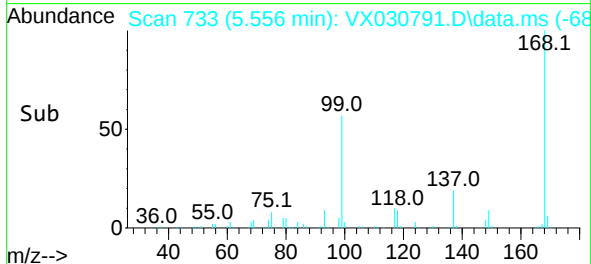
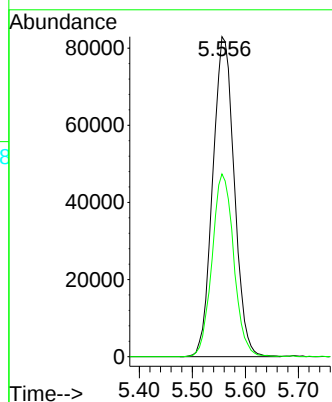
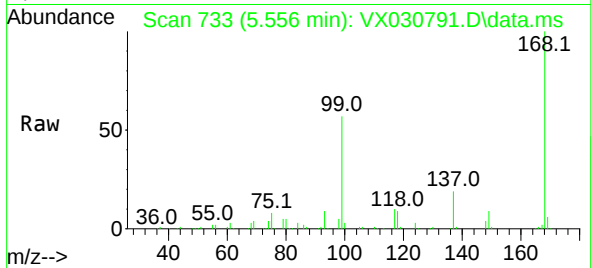




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

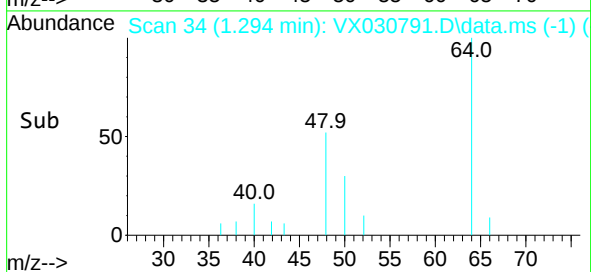
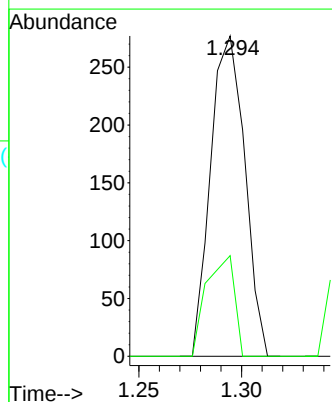
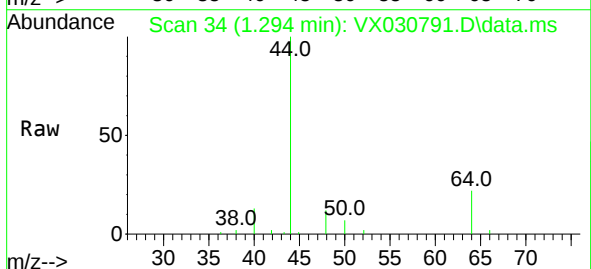
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20220817DL

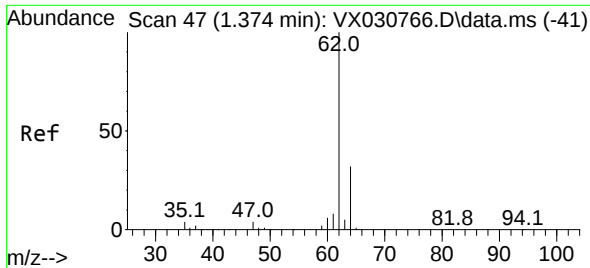
Tgt Ion:168 Resp: 233841
Ion Ratio Lower Upper
168 100
99 57.1 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

Tgt Ion: 50 Resp: 320
Ion Ratio Lower Upper
50 100
52 31.4 26.3 39.5

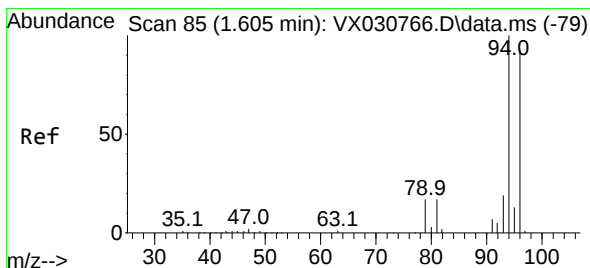
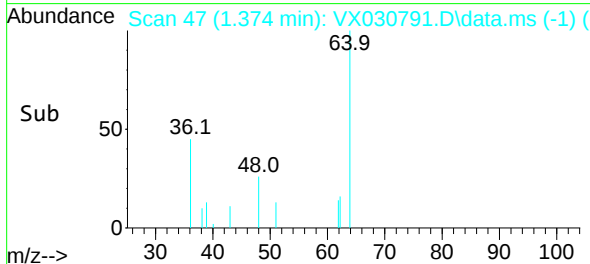
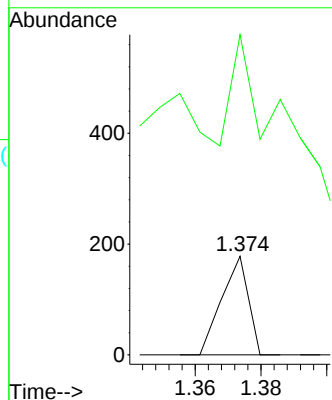
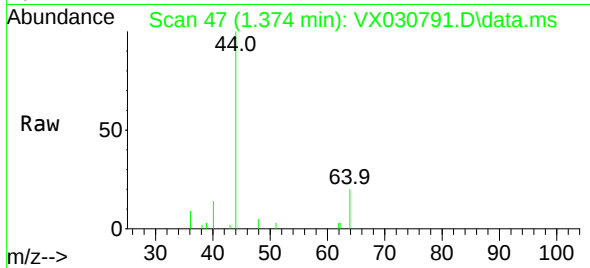




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030791.D
 Acq: 25 Aug 2022 23:52

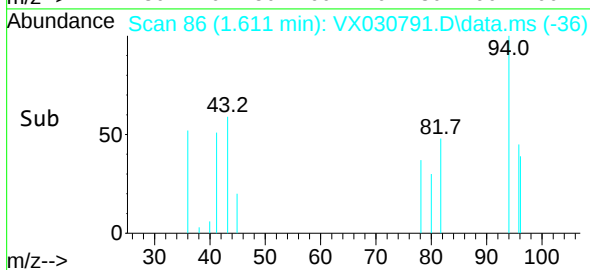
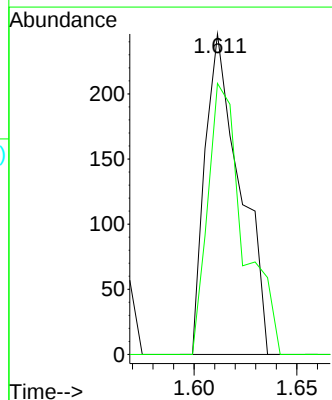
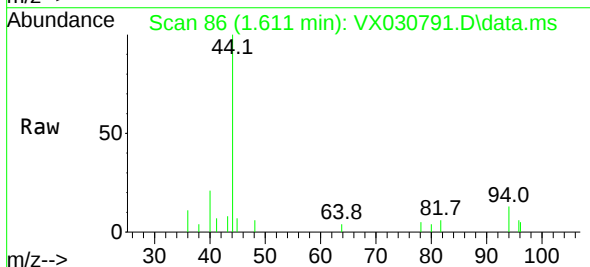
Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20220817DL

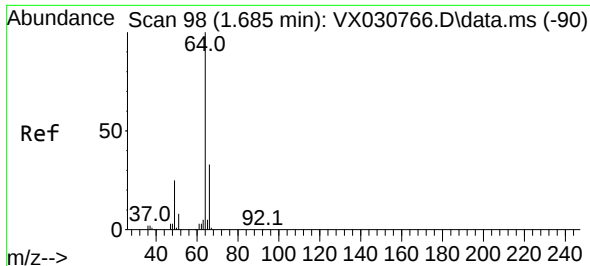
Tgt Ion: 62 Resp: 100
 Ion Ratio Lower Upper
 62 100
 64 65.7 25.2 37.8#



#5
 Bromomethane
 Concen: 0.268 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX030791.D
 Acq: 25 Aug 2022 23:52

Tgt Ion: 94 Resp: 292
 Ion Ratio Lower Upper
 94 100
 96 84.6 76.9 115.3

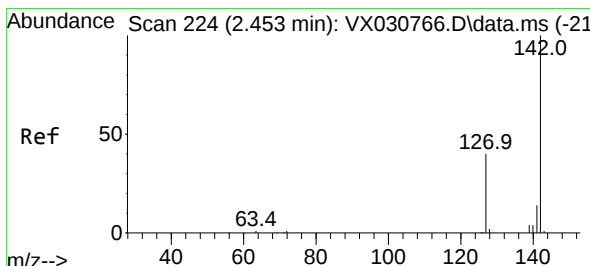
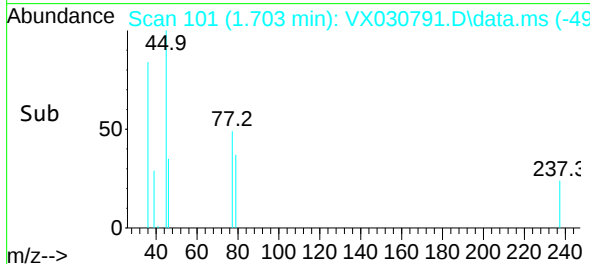
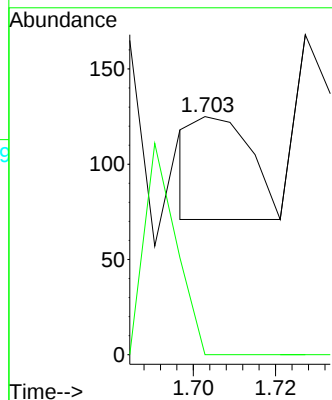
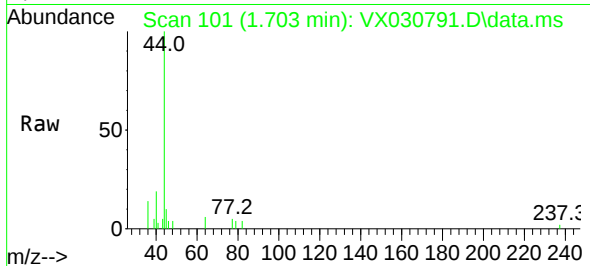




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

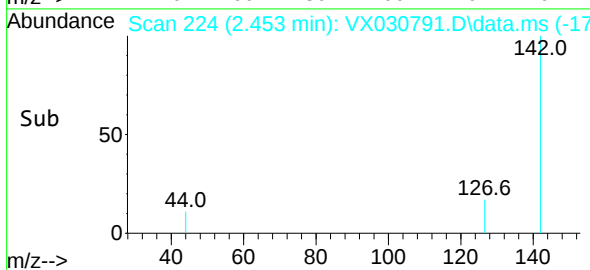
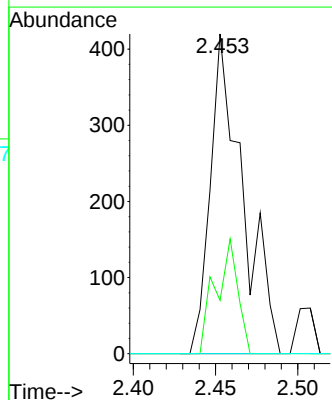
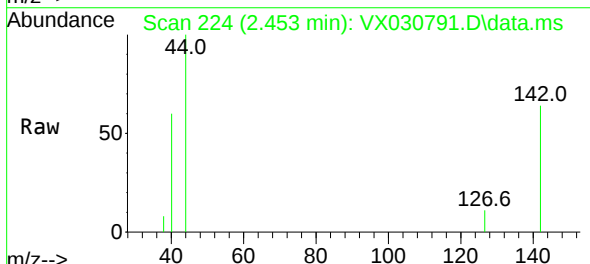
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20220817DL

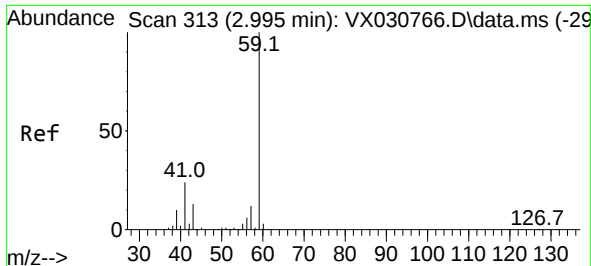
Tgt Ion: 64 Resp: 51
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.308 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

Tgt Ion: 142 Resp: 576
Ion Ratio Lower Upper
142 100
127 24.7 30.2 45.2#
141 0.0 11.3 16.9#

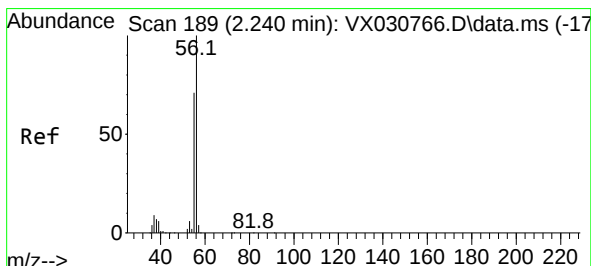
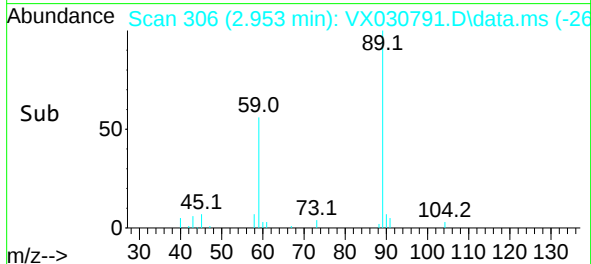
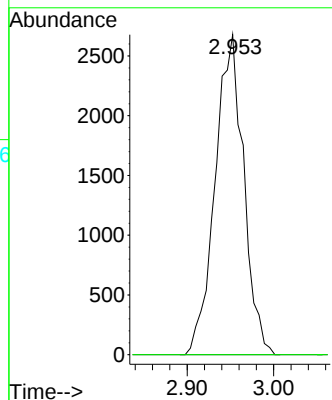
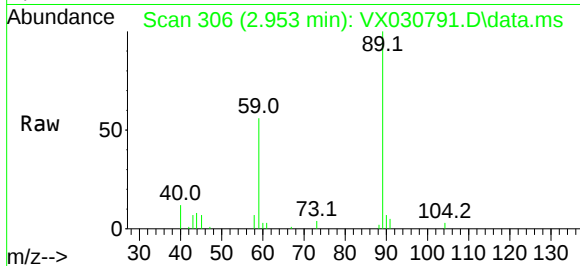




#11
Tert butyl alcohol
Concen: 10.276 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.043 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

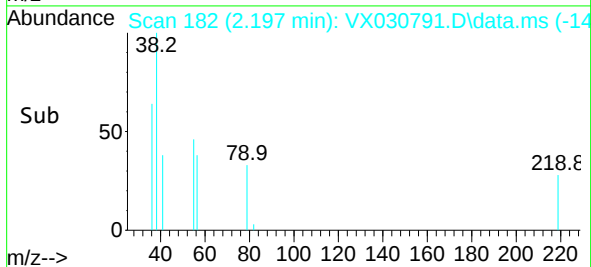
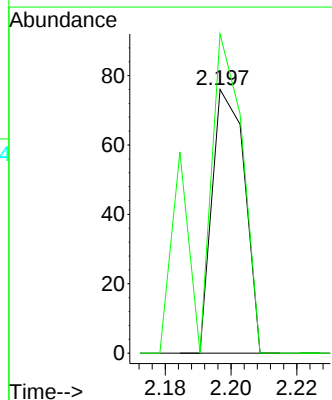
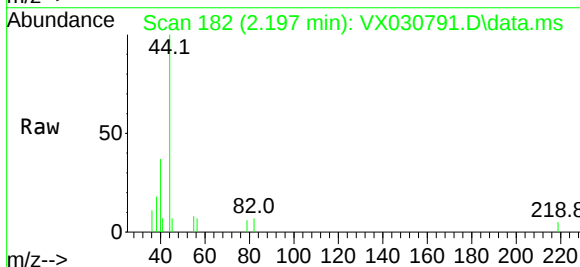
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20220817DL

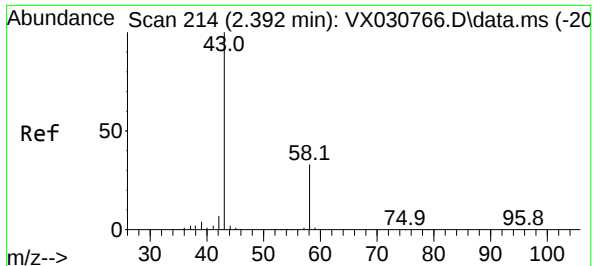
Tgt Ion: 59 Resp: 6136
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 10.147 ug/l
RT: 2.197 min Scan# 182
Delta R.T. -0.043 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 153.8 56.6 84.8#

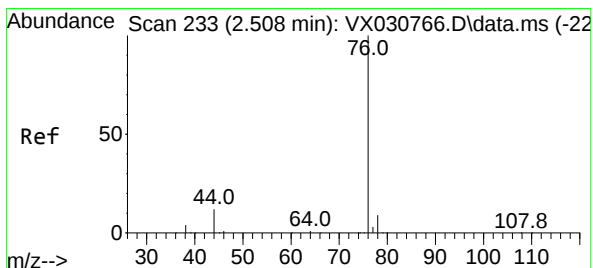
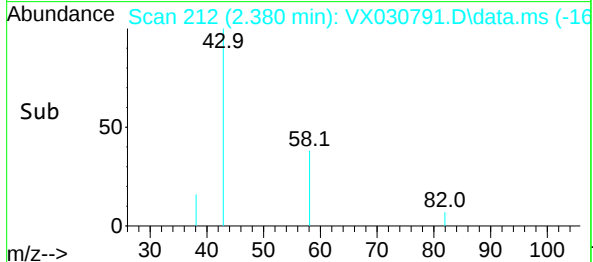
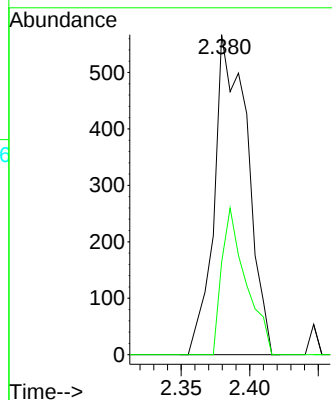
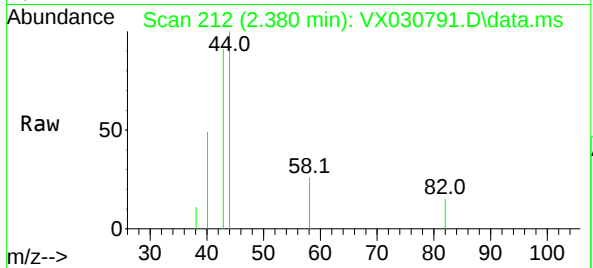




#16
Acetone
Concen: 0.751 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

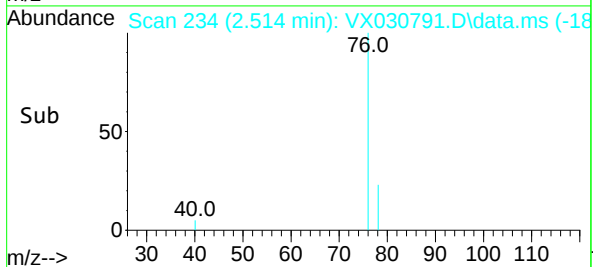
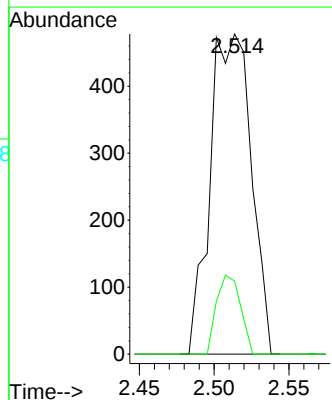
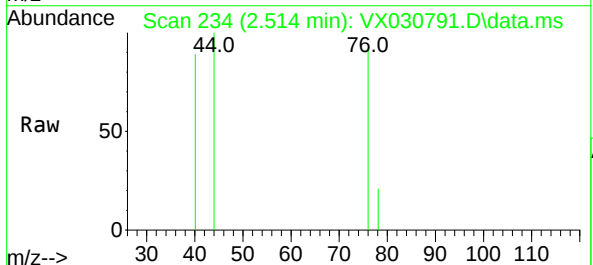
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20220817DL

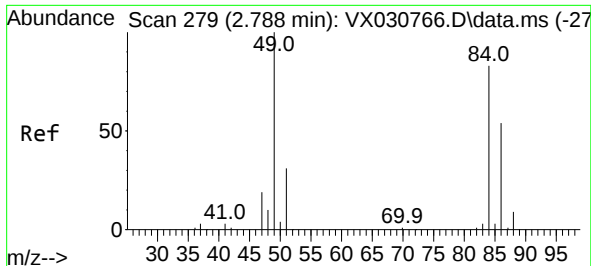
Tgt Ion: 43 Resp: 954
Ion Ratio Lower Upper
43 100
58 28.9 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

Tgt Ion: 76 Resp: 915
Ion Ratio Lower Upper
76 100
78 22.8 7.8 11.6#

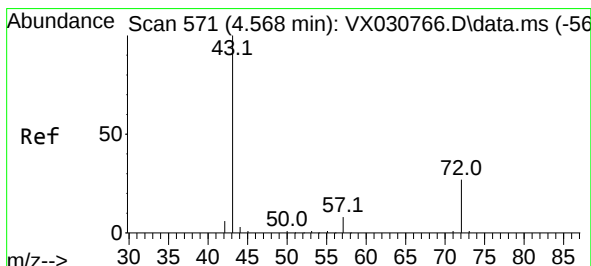
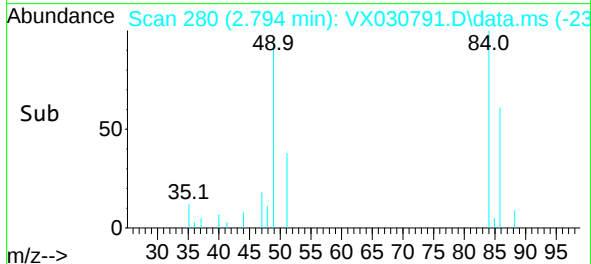
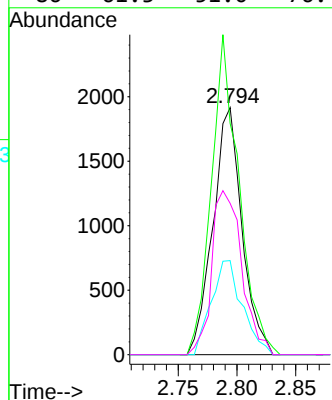
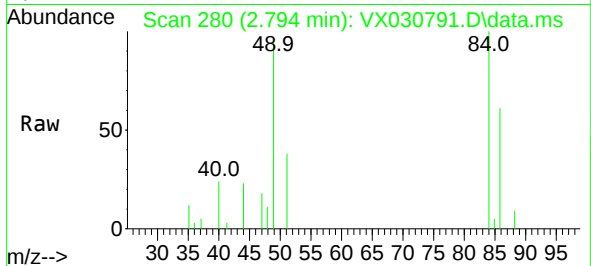




#20
Methylene Chloride
Concen: 0.621 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

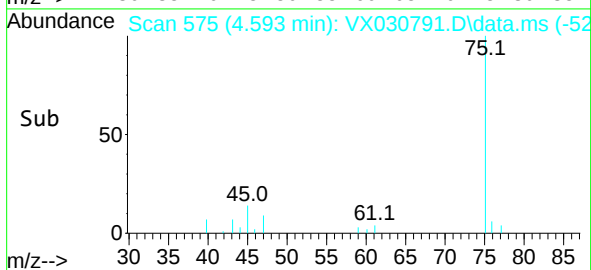
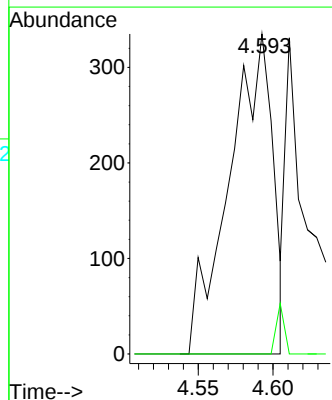
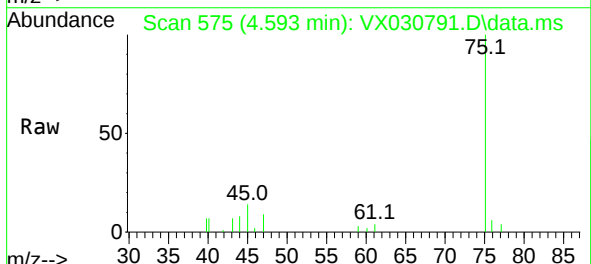
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MSVOA_X
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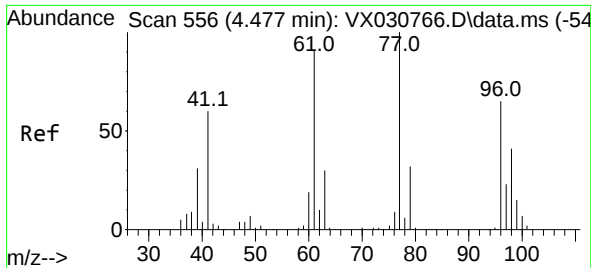
Tgt Ion: 84	Resp: 3300
Ion Ratio	Lower Upper
84 100	
49 93.6	93.8 140.6#
51 38.1	29.4 44.0
86 61.3	51.0 76.4



#25
2-Butanone
Concen: 0.333 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

Tgt Ion: 43	Resp: 682
Ion Ratio	Lower Upper
43 100	
72 0.0	21.7 32.5#

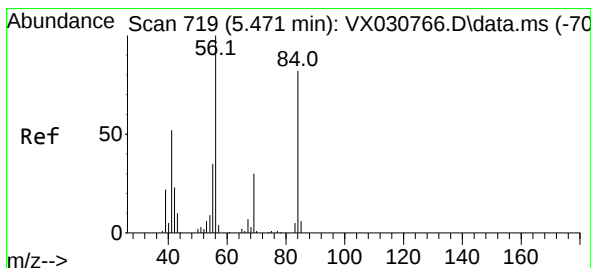
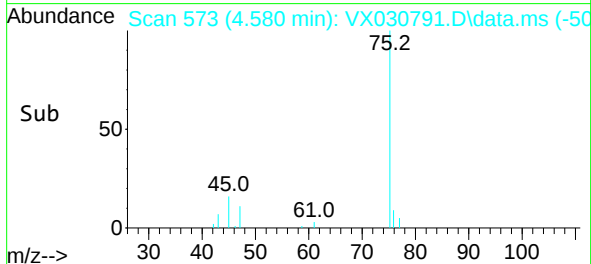
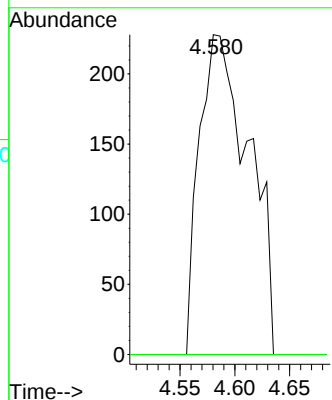
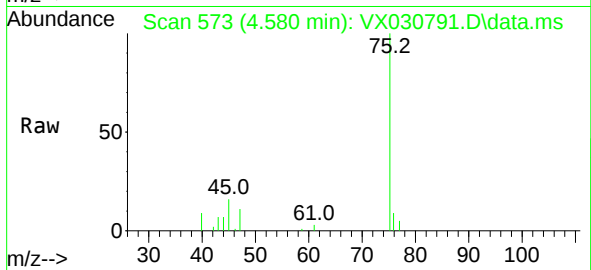




#26
2,2-Dichloropropane
Concen: 0.223 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.103 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

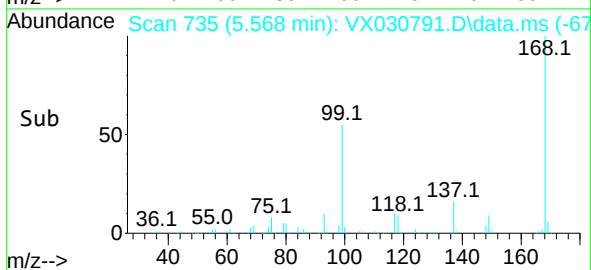
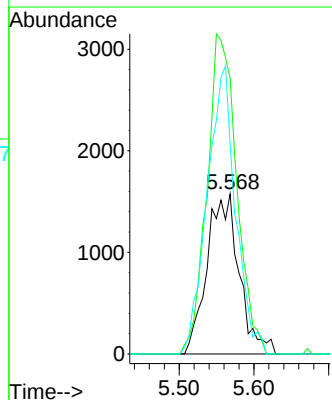
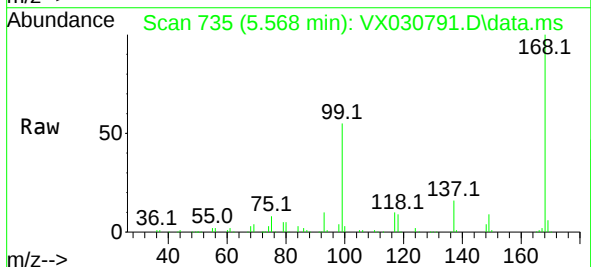
Instrument :
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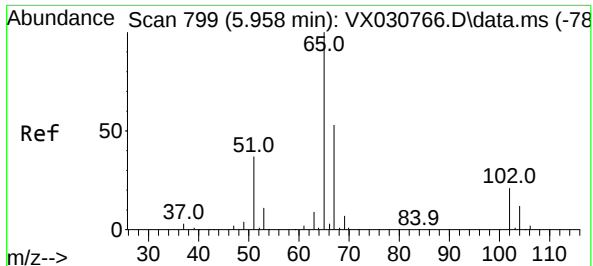
Tgt Ion: 77 Resp: 721
Ion Ratio Lower Upper
77 100
97 0.0 13.0 39.0#



#31
Cyclohexane
Concen: 1.332 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.097 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

Tgt Ion: 56 Resp: 4686
Ion Ratio Lower Upper
56 100
69 172.3 25.4 38.0#
84 131.6 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.438 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030791.D

Acq: 25 Aug 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

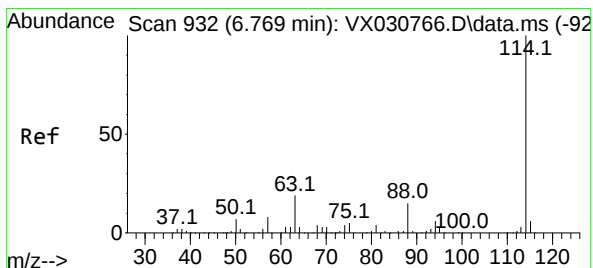
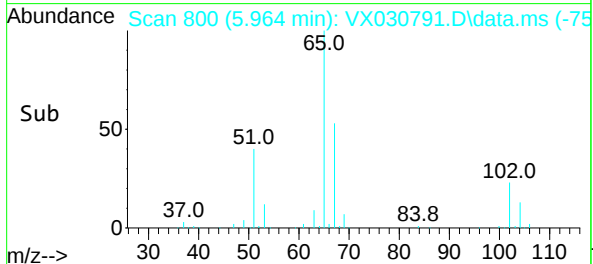
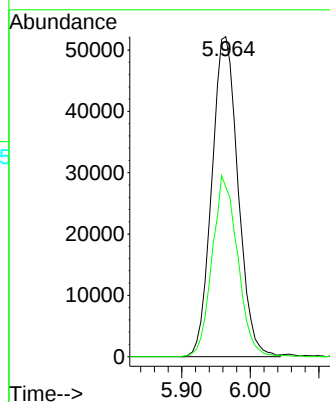
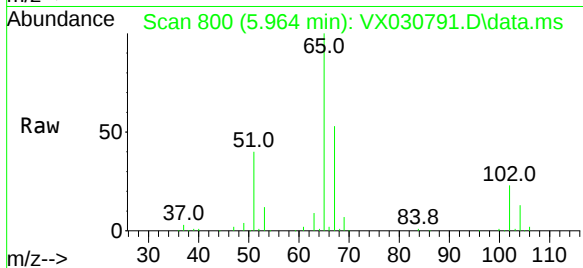
RE126D2-20220817DL

Tgt Ion: 65 Resp: 138735

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX030791.D

Acq: 25 Aug 2022 23:52

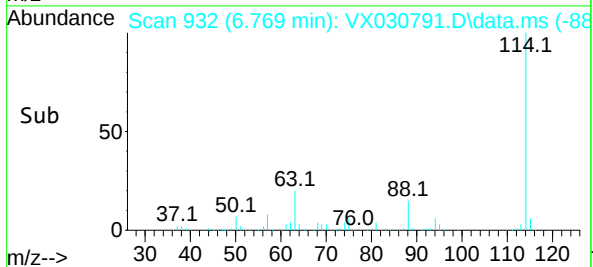
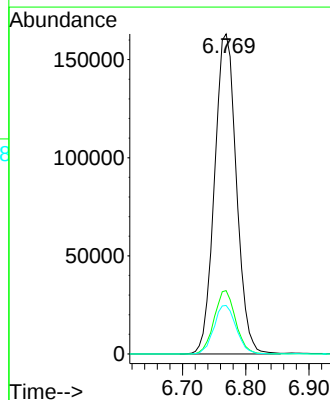
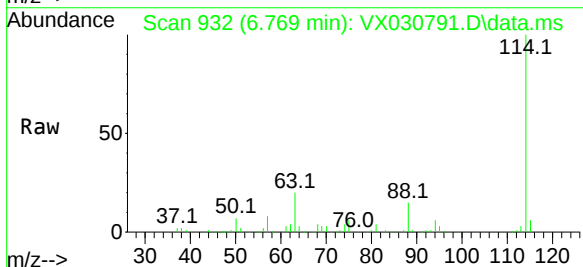
Tgt Ion: 114 Resp: 390899

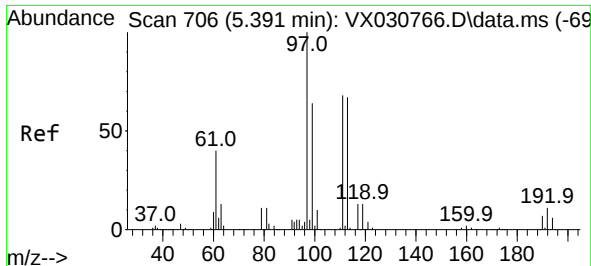
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

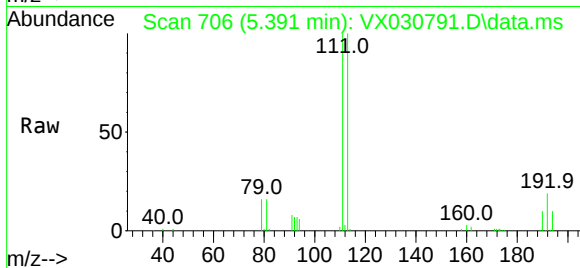
88 15.1 0.0 31.8



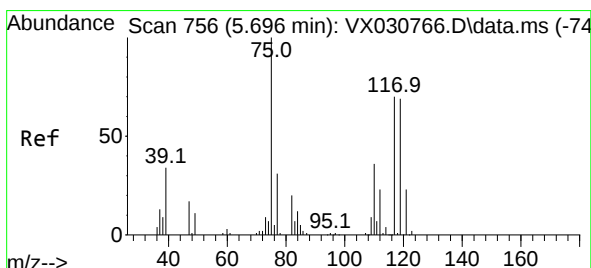
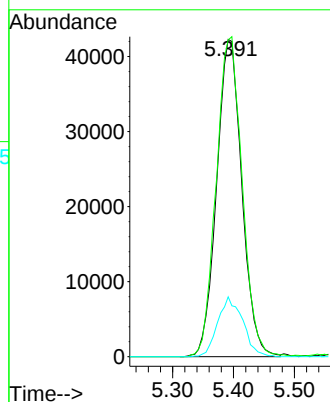
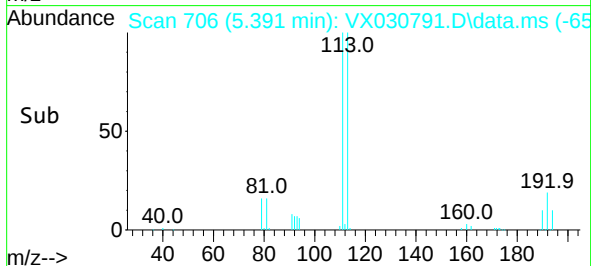


#35
Dibromofluoromethane
Concen: 50.528 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

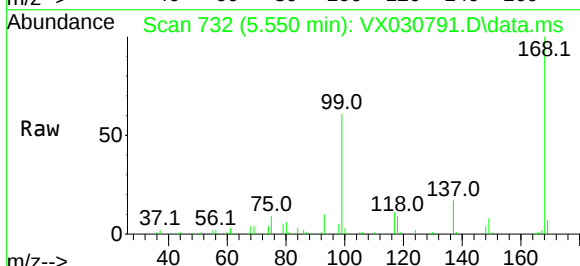
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20220817DL



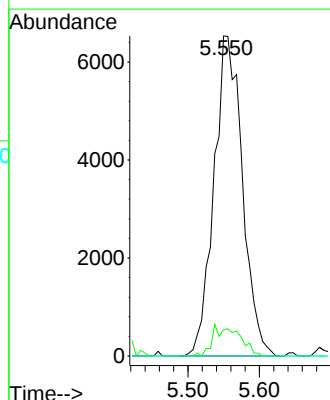
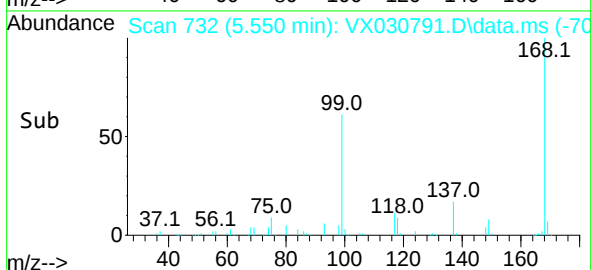
Tgt Ion:113 Resp: 121388
Ion Ratio Lower Upper
113 100
111 103.9 83.2 124.8
192 18.8 14.8 22.2

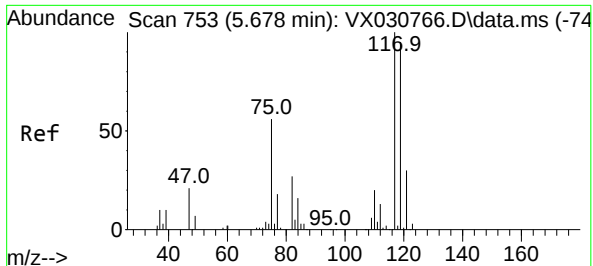


#36
1,1-Dichloropropene
Concen: 5.503 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52



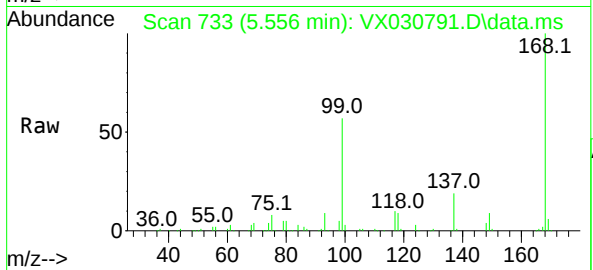
Tgt Ion: 75 Resp: 18004
Ion Ratio Lower Upper
75 100
110 9.1 19.3 57.9#
77 0.0 24.4 36.6#



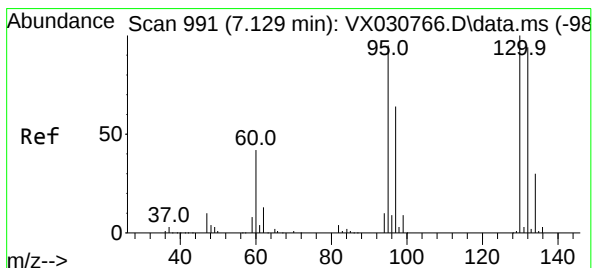
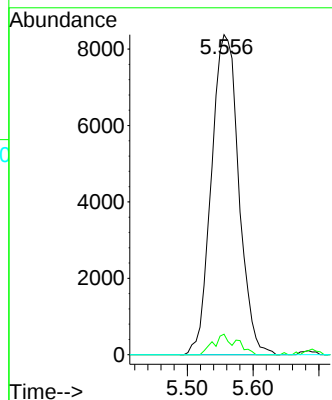
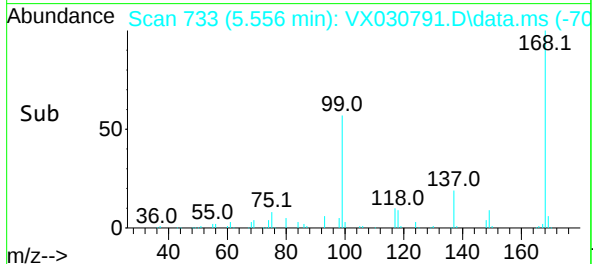


#38
Carbon Tetrachloride
Concen: 7.025 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20220817DL

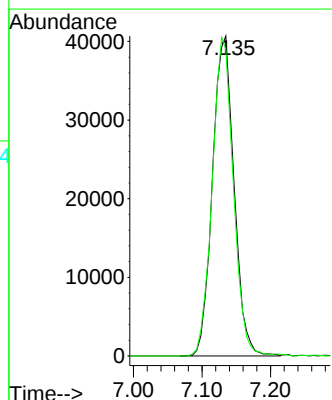
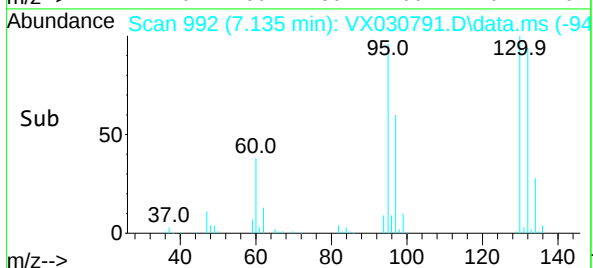
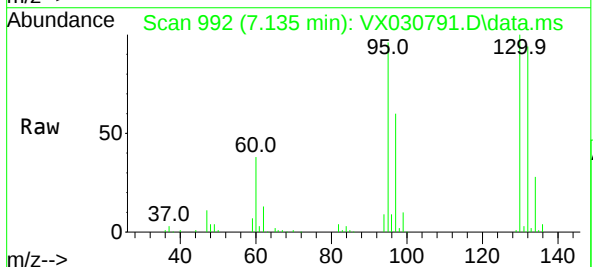


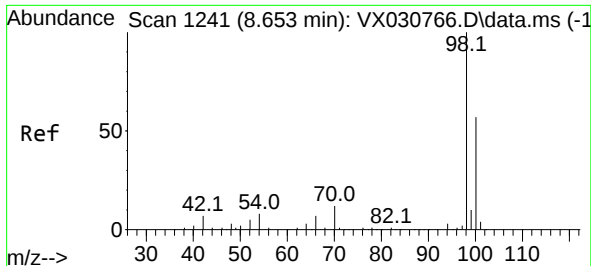
Tgt Ion:117 Resp: 24240
Ion Ratio Lower Upper
117 100
119 6.4 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 31.400 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

Tgt Ion:130 Resp: 88789
Ion Ratio Lower Upper
130 100
95 95.9 0.0 194.8

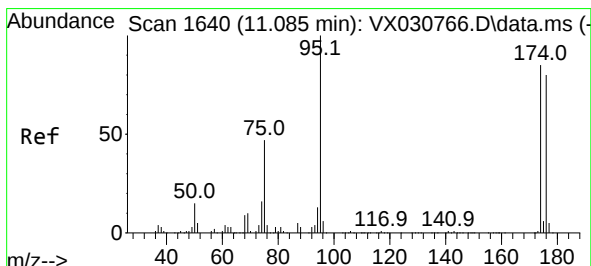
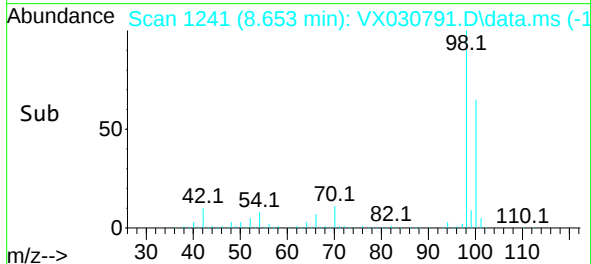
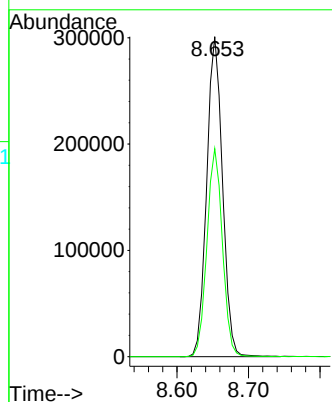
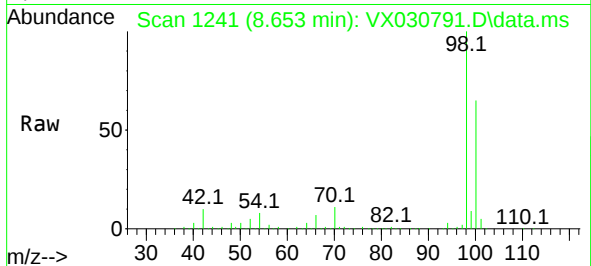




#50
Toluene-d8
Concen: 55.233 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

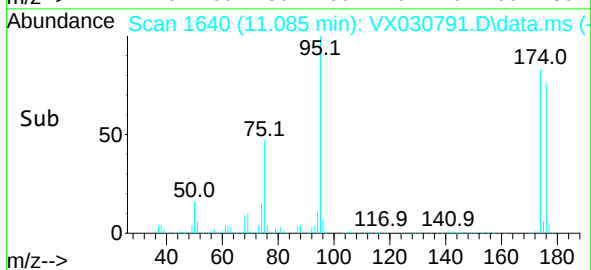
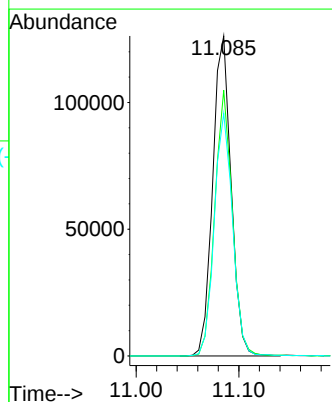
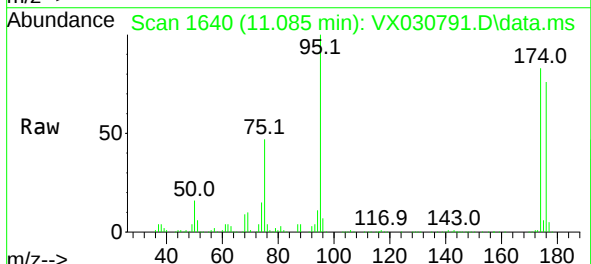
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20220817DL

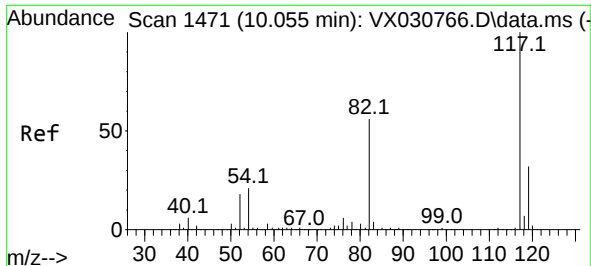
Tgt Ion: 98 Resp: 462383
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 50.388 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

Tgt Ion: 95 Resp: 157045
Ion Ratio Lower Upper
95 100
174 79.5 0.0 149.0
176 75.5 0.0 146.0

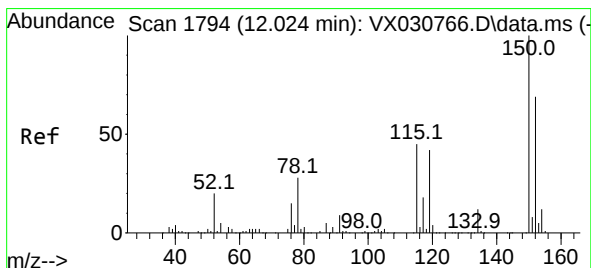
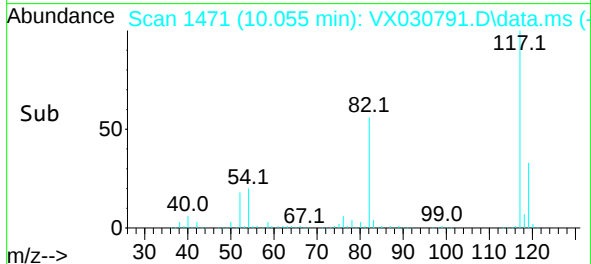
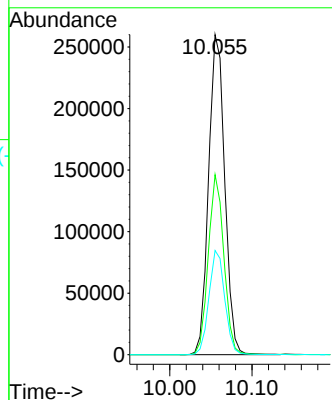
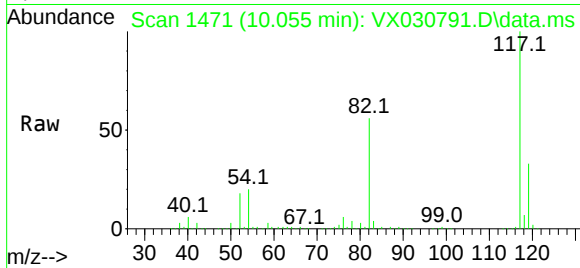




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

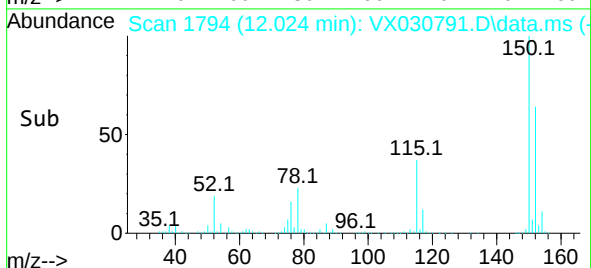
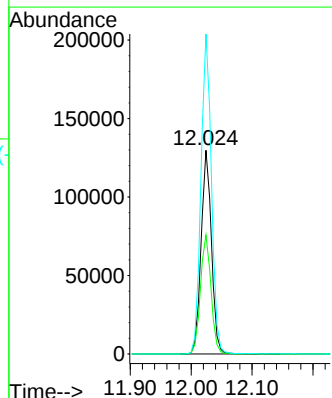
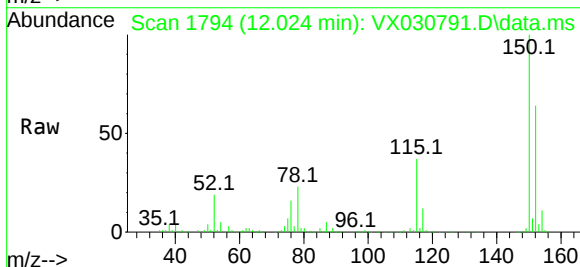
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20220817DL

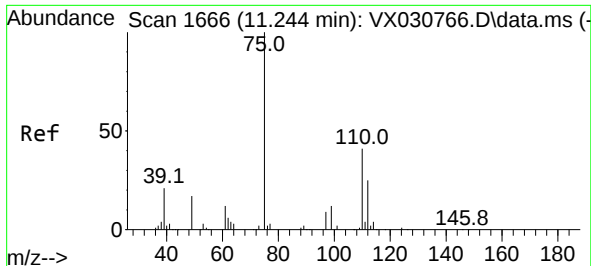
Tgt Ion:117 Resp: 354850
Ion Ratio Lower Upper
117 100
82 56.3 42.7 64.1
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

Tgt Ion:152 Resp: 153203
Ion Ratio Lower Upper
152 100
115 59.5 40.5 121.5
150 158.2 0.0 347.0

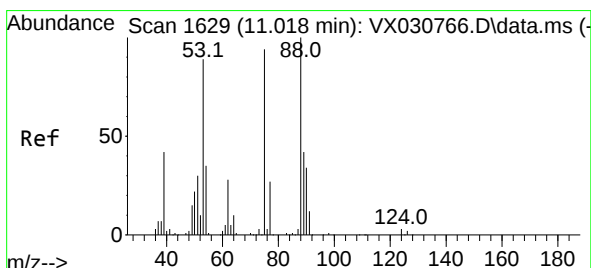
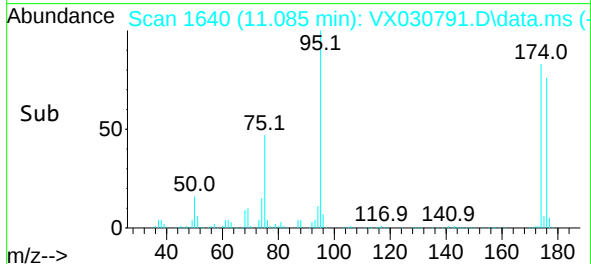
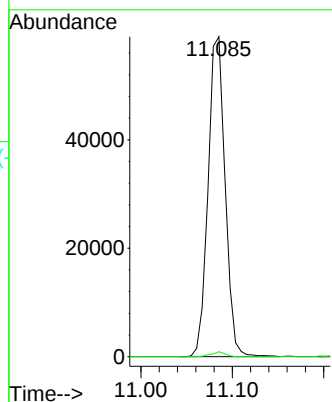
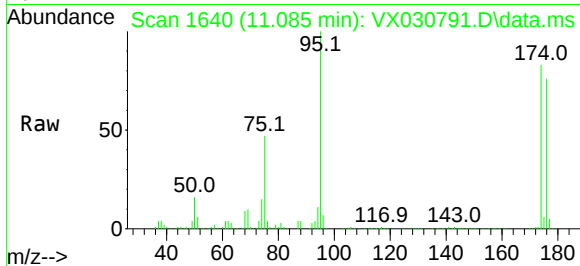




#76
1,2,3-Trichloropropane
Concen: 22.745 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20220817DL

Tgt Ion: 75 Resp: 76343
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.385 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030791.D
Acq: 25 Aug 2022 23:52

Tgt Ion: 75 Resp: 76343
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.1 34.8 52.2#

