

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030752.D
 Acq On : 23 Aug 2022 23:31
 Operator : JC/MD
 Sample : N4245-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D3-20220817

Quant Time: Sep 06 03:03:27 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)

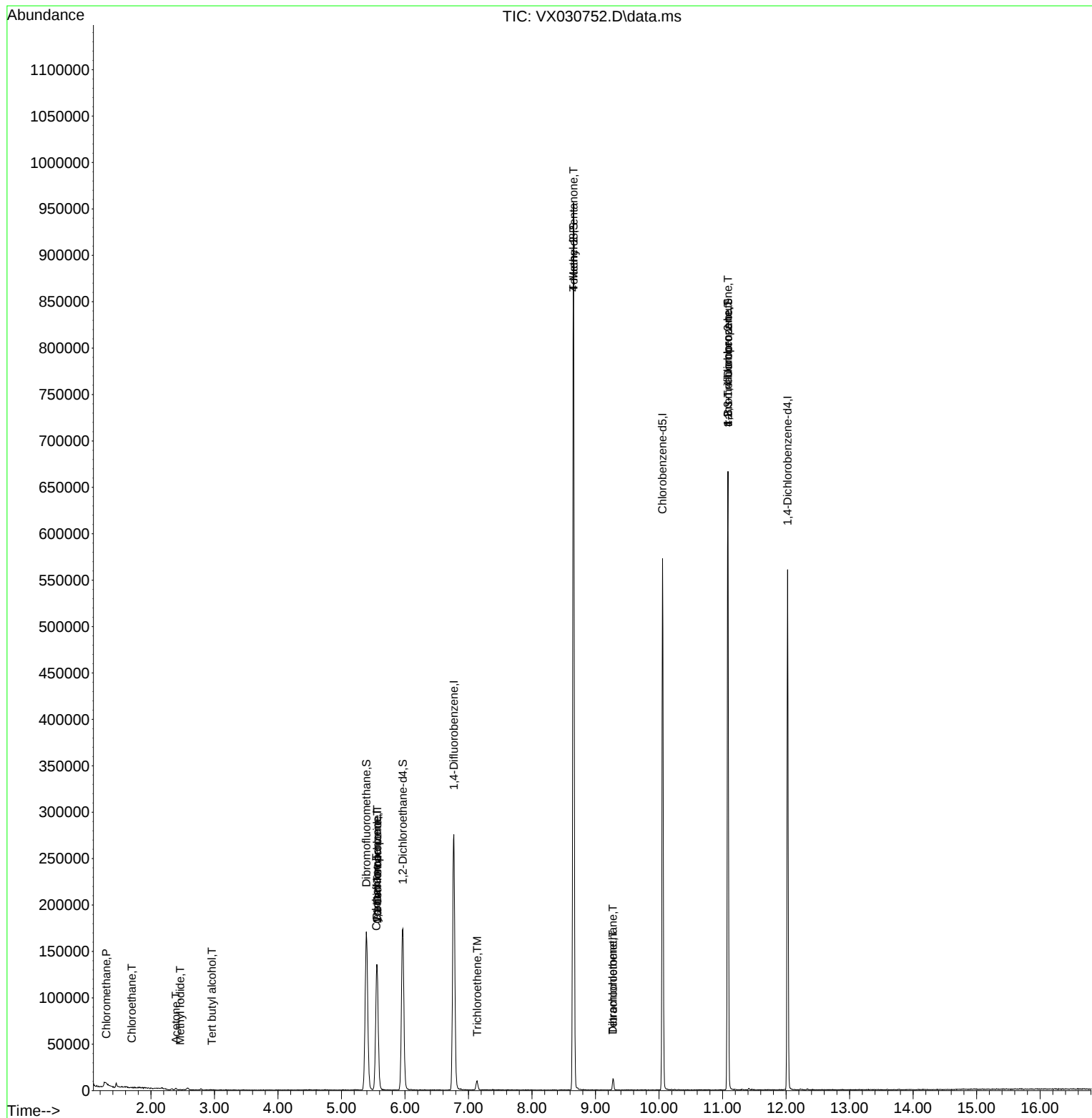
Internal Standards						
1) Pentafluorobenzene	5.556	168	129749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	296505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	165539	63.477	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 126.960%#	
35) Dibromofluoromethane	5.391	113	155531	54.872	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.740%	
50) Toluene-d8	8.653	98	567187	51.672	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.340%	
62) 4-Bromofluorobenzene	11.085	95	191666	47.049	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	454	0.216	ug/l	95
5) Bromomethane	1.611	94	376	Below Cal		99
6) Chloroethane	1.697	64	481	0.394	ug/l #	41
10) Methyl Iodide	2.459	142	335	1.686	ug/l #	79
11) Tert butyl alcohol	2.959	59	149	0.234	ug/l #	74
16) Acetone	2.392	43	1538	1.152	ug/l	99
20) Methylene Chloride	2.782	84	407	Below Cal	#	90
31) Cyclohexane	5.550	56	2411	0.637	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	10088	2.473	ug/l #	47
38) Carbon Tetrachloride	5.562	117	13381	3.514	ug/l #	16
44) Trichloroethene	7.135	130	4328	1.234	ug/l	88
51) 4-Methyl-2-Pentanone	8.653	43	2171	0.378	ug/l #	1
60) Dibromochloromethane	9.275	129	2468	0.800	ug/l #	11
64) Tetrachloroethene	9.275	164	2396	0.832	ug/l	94
67) Ethyl Benzene	10.201	91	345	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	87919	29.432	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	87919	88.294	ug/l #	13

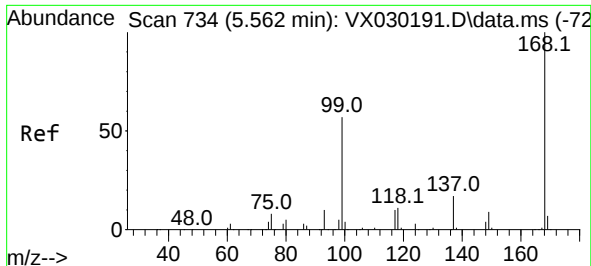
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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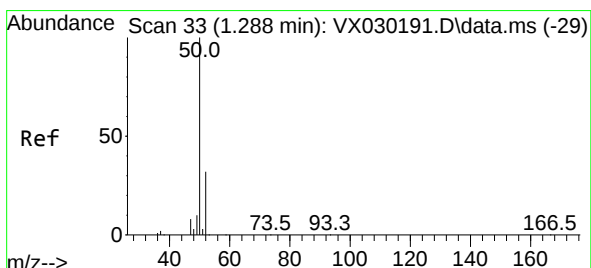
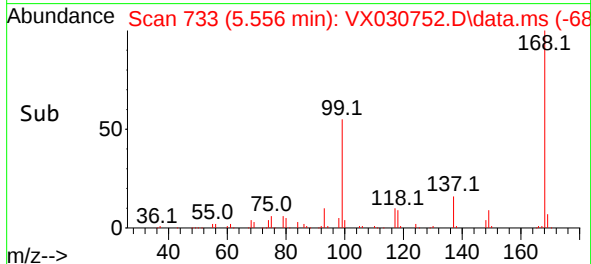
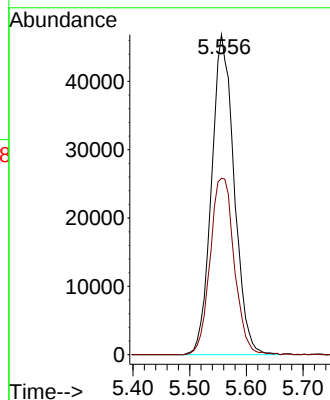
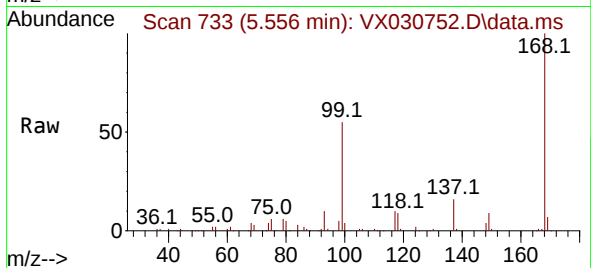




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

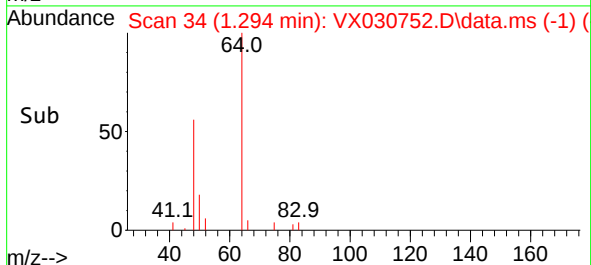
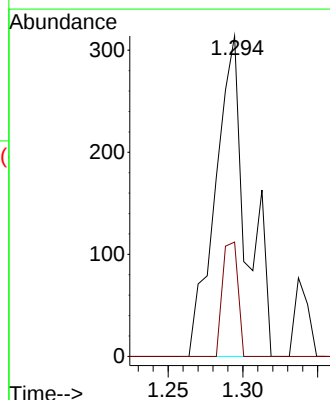
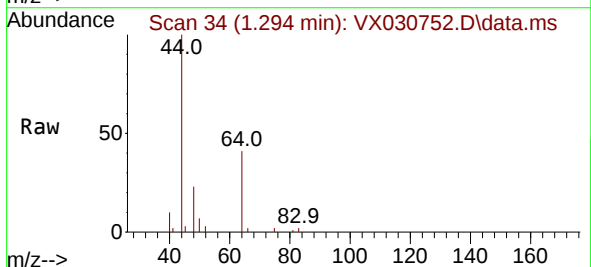
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20220817

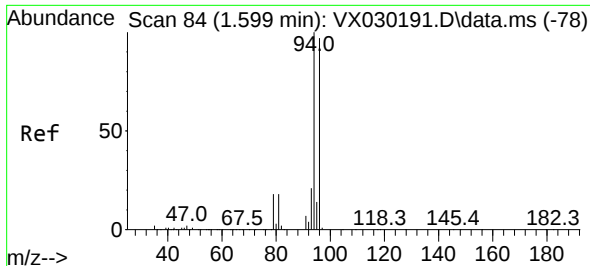
Tgt Ion:168 Resp: 129749
Ion Ratio Lower Upper
168 100
99 55.2 44.0 66.0



#3
Chloromethane
Concen: 0.216 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

Tgt Ion: 50 Resp: 454
Ion Ratio Lower Upper
50 100
52 35.7 26.3 39.5

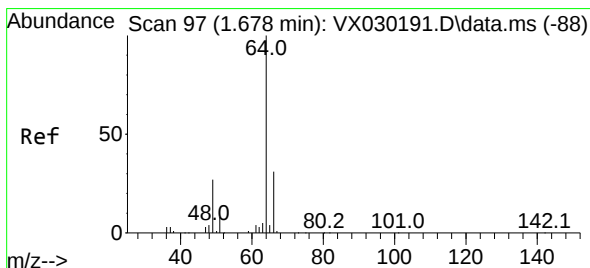
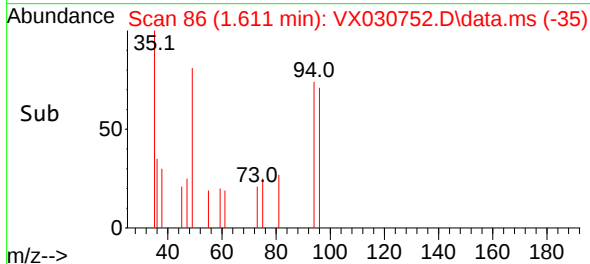
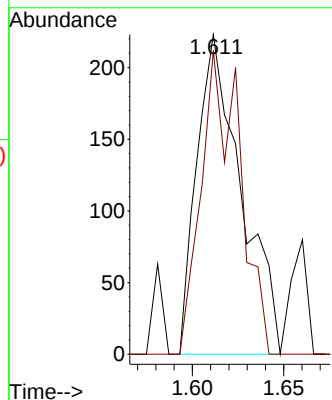
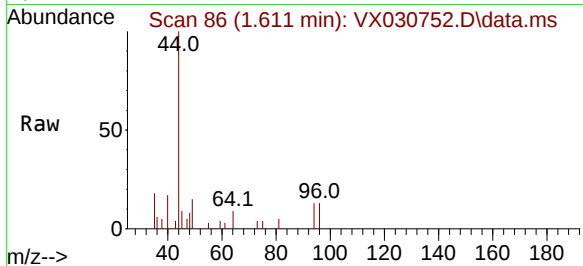




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

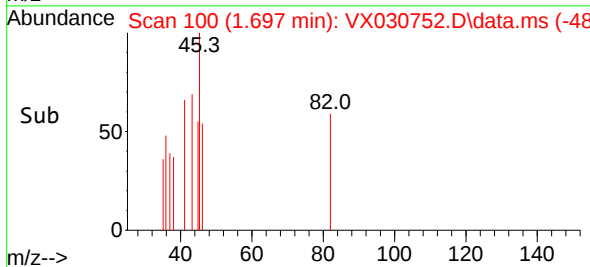
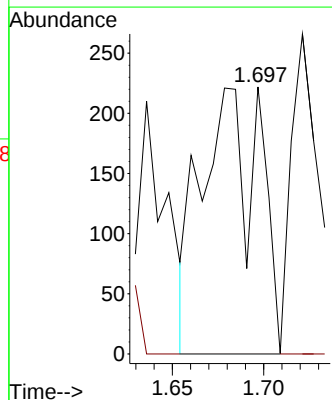
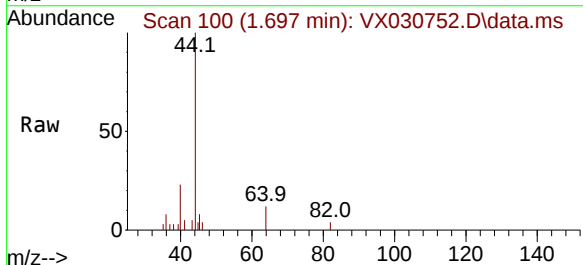
Instrument :
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ClientSampleId :
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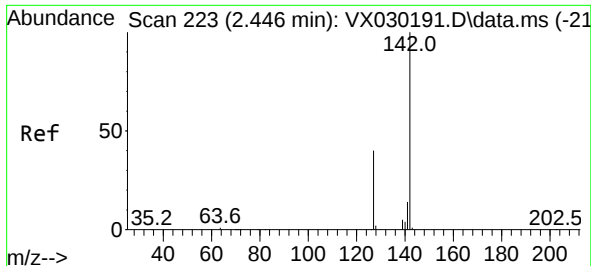
Tgt Ion: 94 Resp: 376
Ion Ratio Lower Upper
94 100
96 95.1 76.9 115.3



#6
Chloroethane
Concen: 0.394 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

Tgt Ion: 64 Resp: 481
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

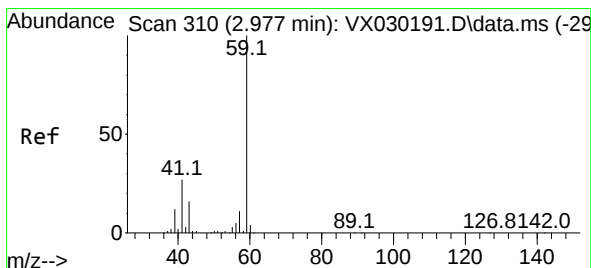
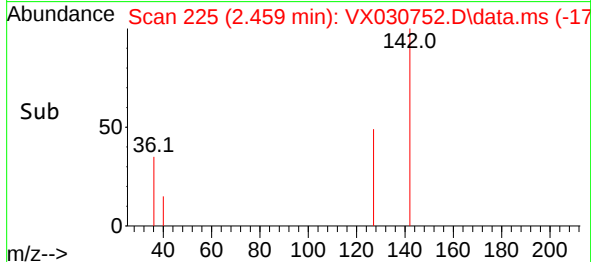
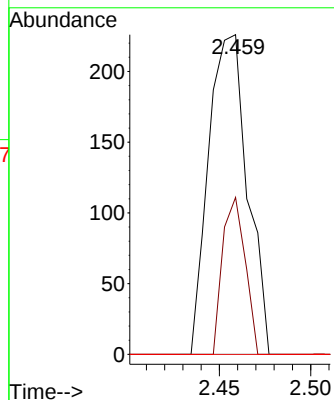
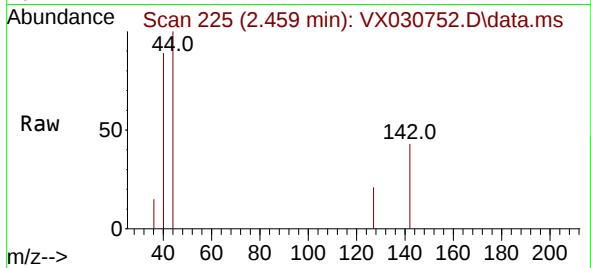




#10
Methyl Iodide
Concen: 1.686 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

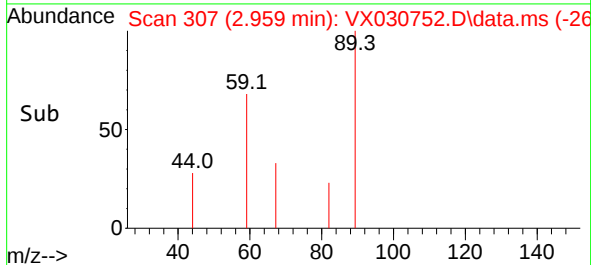
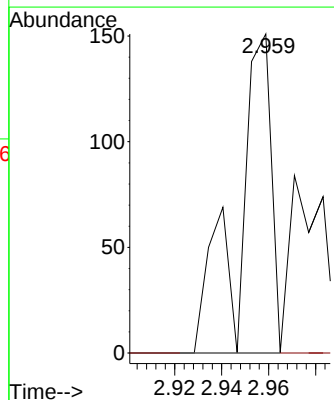
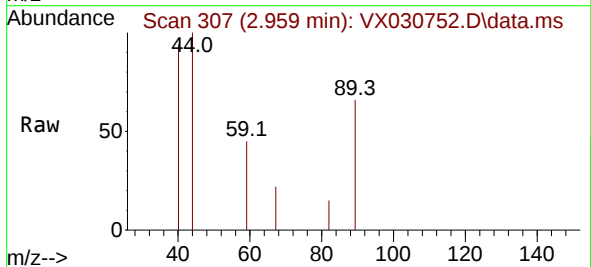
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20220817

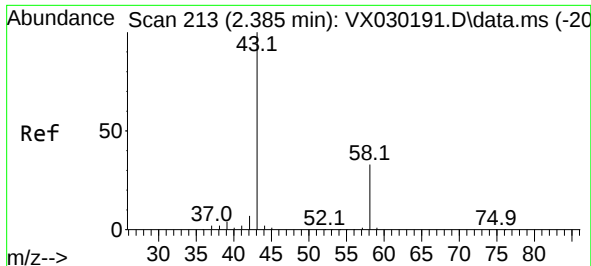
Tgt Ion:142 Resp: 335
Ion Ratio Lower Upper
142 100
127 28.4 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.234 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

Tgt Ion: 59 Resp: 149
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

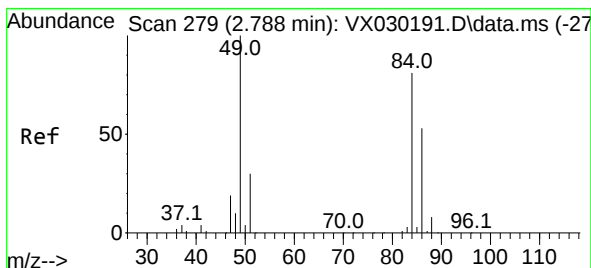
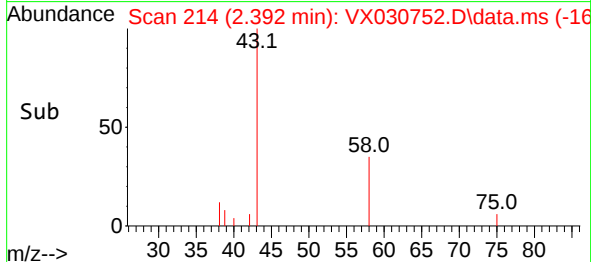
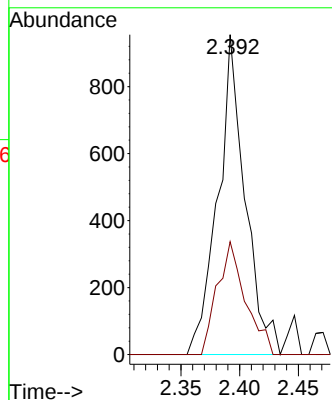
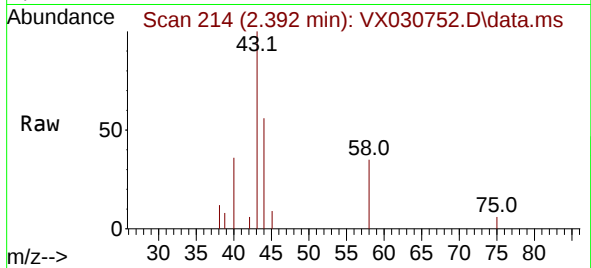




#16
Acetone
Concen: 1.152 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.007 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

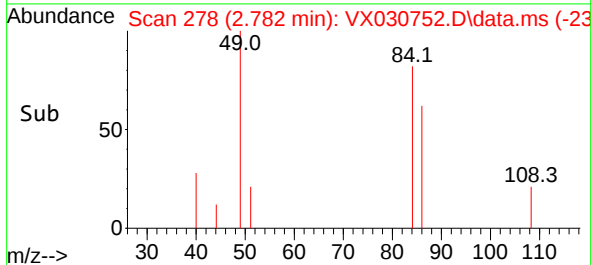
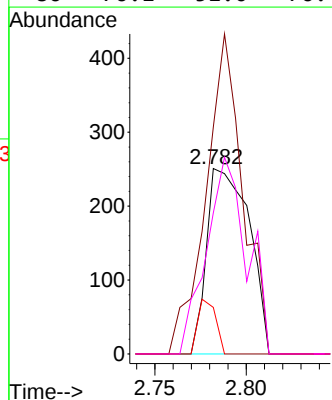
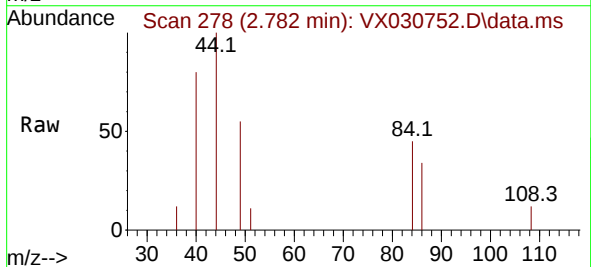
Instrument :
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ClientSampleId :
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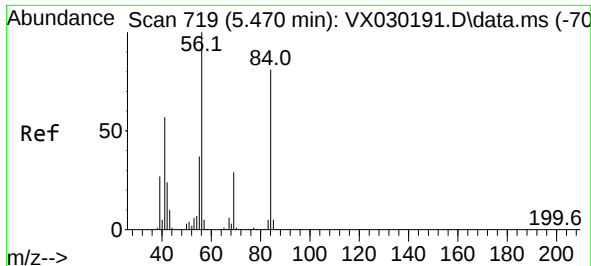
Tgt Ion: 43 Resp: 1538
Ion Ratio Lower Upper
43 100
58 35.3 27.7 41.5



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

Tgt Ion: 84 Resp: 407
Ion Ratio Lower Upper
84 100
49 122.3 93.8 140.6
51 25.1 29.4 44.0#
86 76.1 51.0 76.4

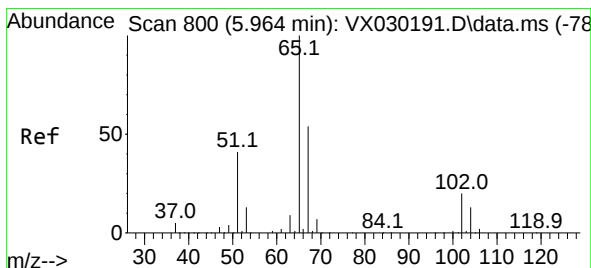
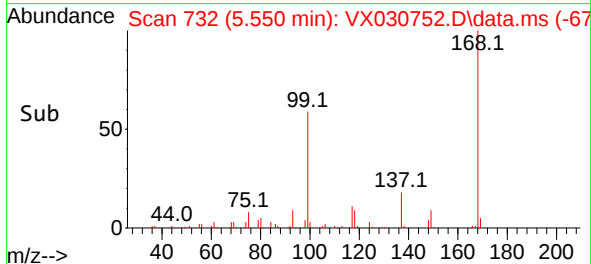
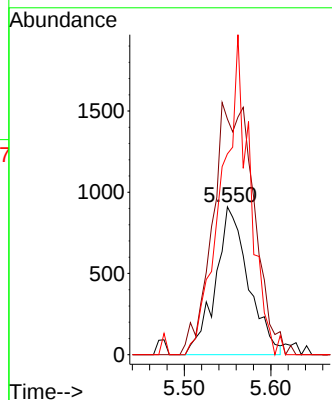
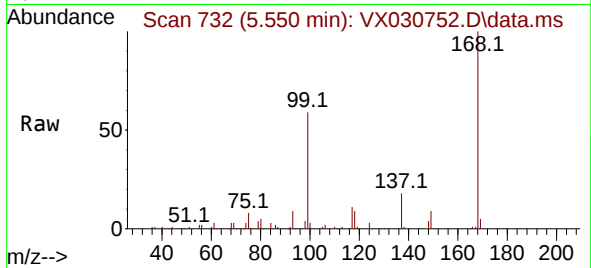




#31
Cyclohexane
Concen: 0.637 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

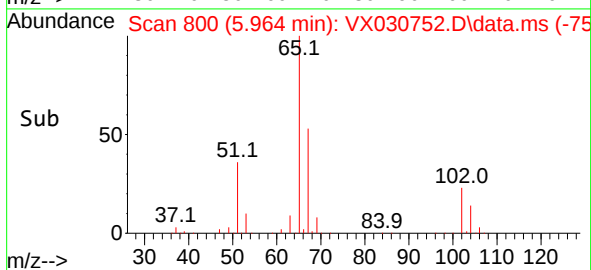
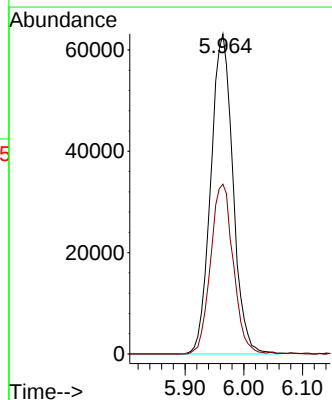
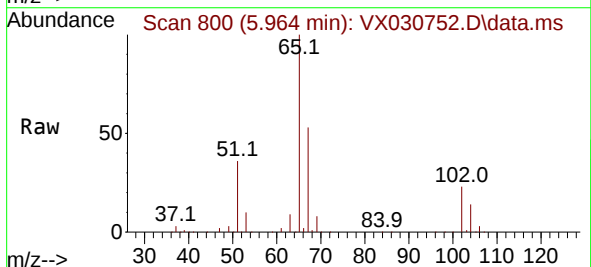
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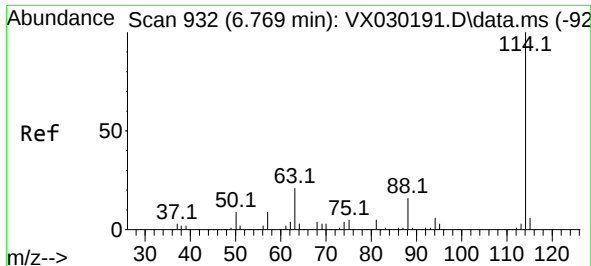
Tgt Ion: 56 Resp: 2411
Ion Ratio Lower Upper
56 100
69 159.5 25.4 38.0#
84 135.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 63.477 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

Tgt Ion: 65 Resp: 165539
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6

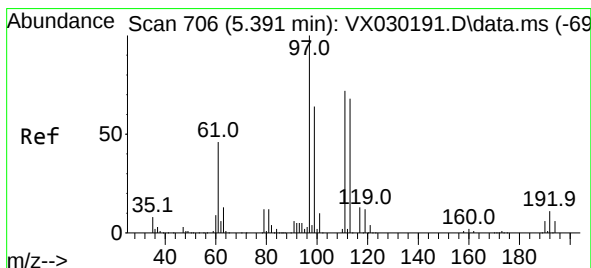
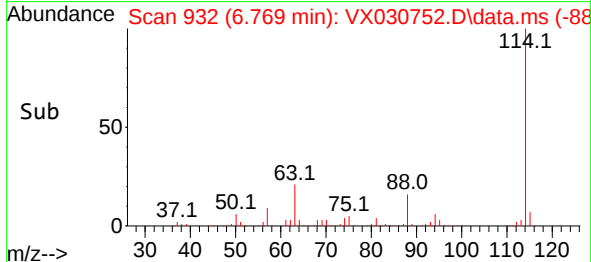
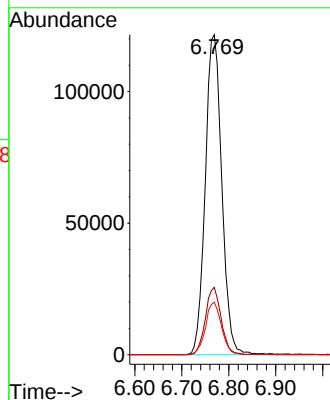
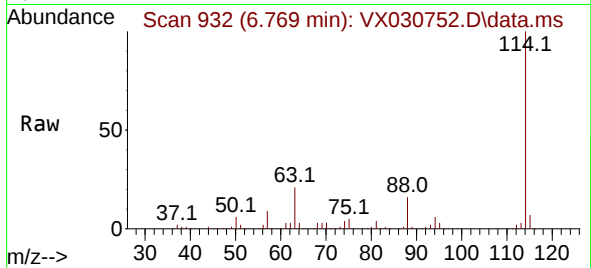




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

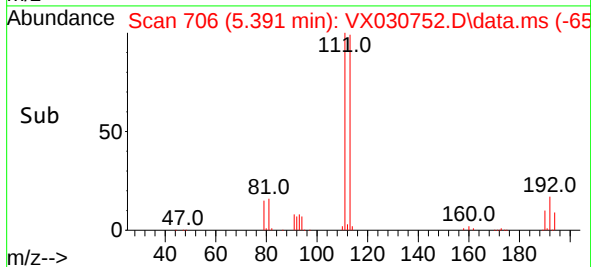
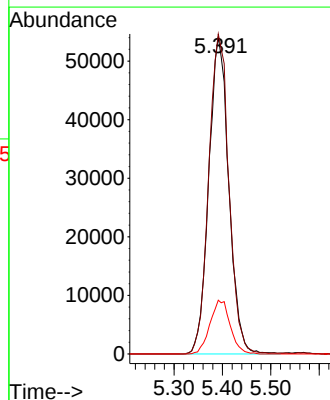
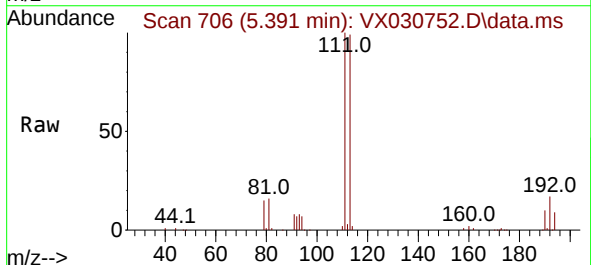
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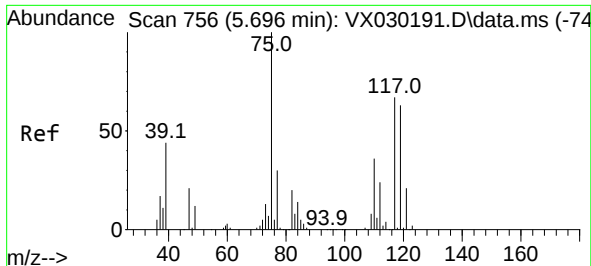
Tgt Ion:114 Resp: 296505
Ion Ratio Lower Upper
114 100
63 21.1 0.0 38.4
88 16.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 54.872 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

Tgt Ion:113 Resp: 155531
Ion Ratio Lower Upper
113 100
111 101.9 83.2 124.8
192 17.2 14.8 22.2

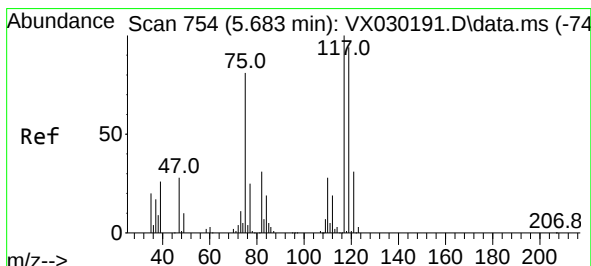
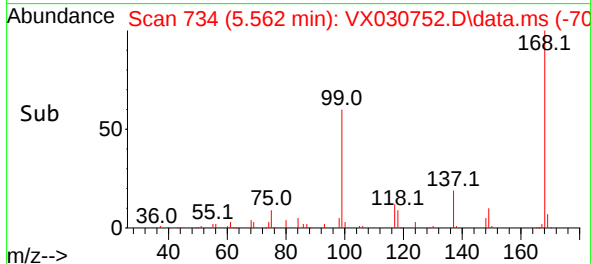
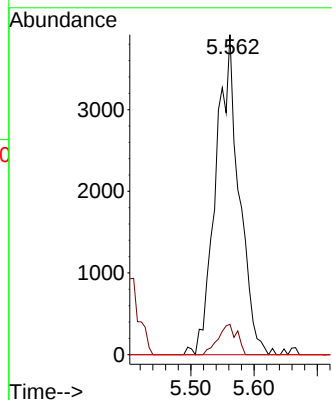
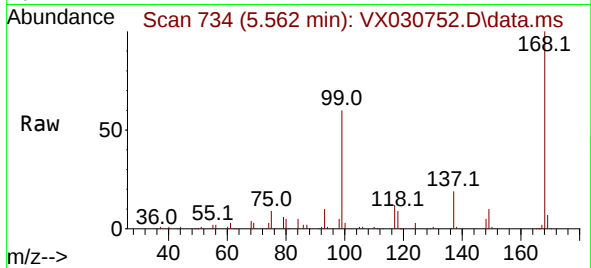




#36
1,1-Dichloropropene
Concen: 2.473 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.134 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

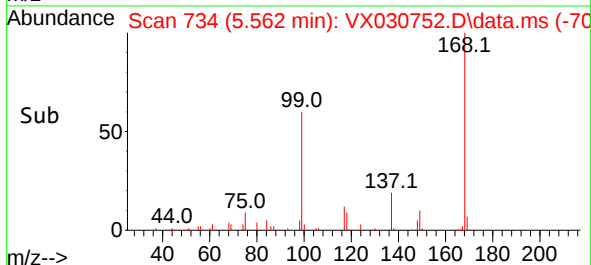
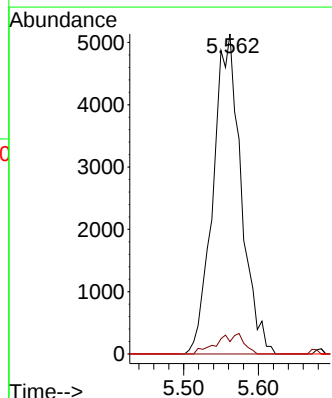
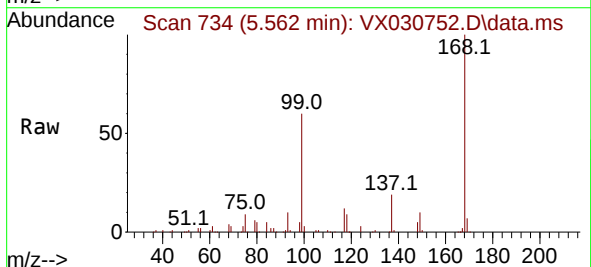
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20220817

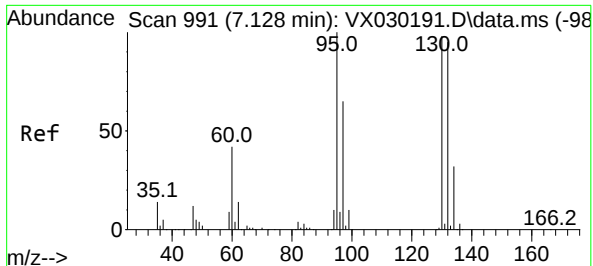
Tgt Ion: 75 Resp: 10088
Ion Ratio Lower Upper
75 100
110 7.7 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 3.514 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.121 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

Tgt Ion: 117 Resp: 13381
Ion Ratio Lower Upper
117 100
119 3.9 74.1 111.1#
121 0.0 25.8 38.8#

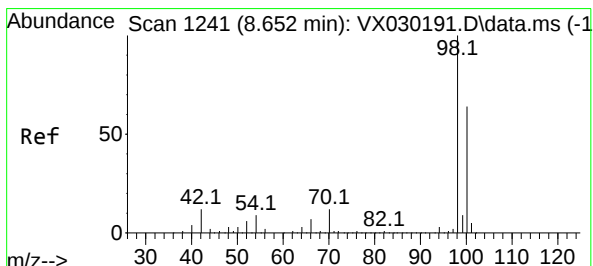
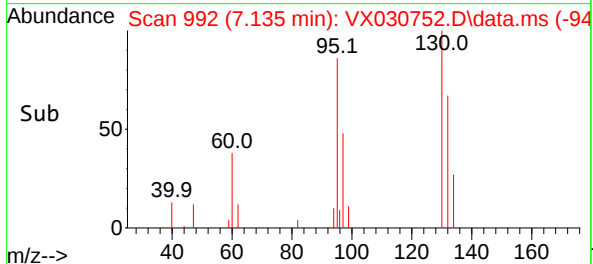
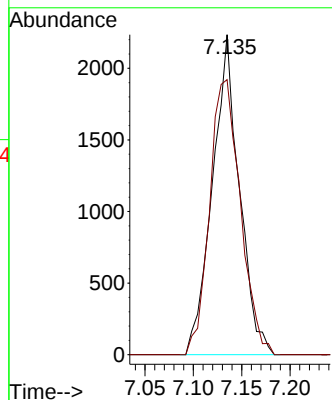
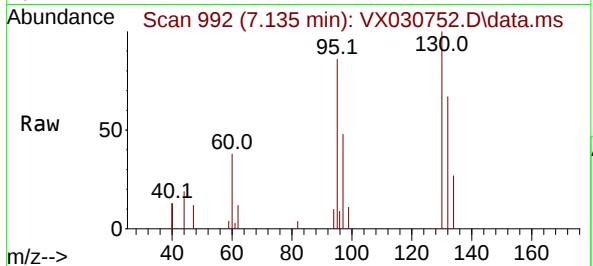




#44
Trichloroethene
Concen: 1.234 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

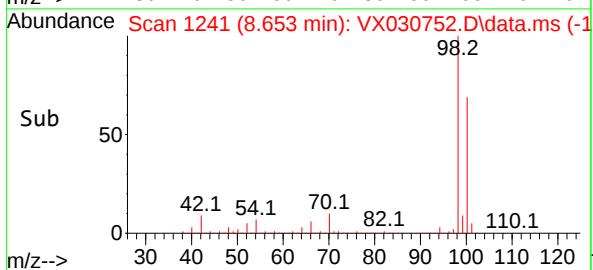
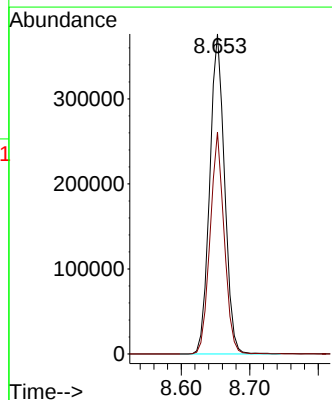
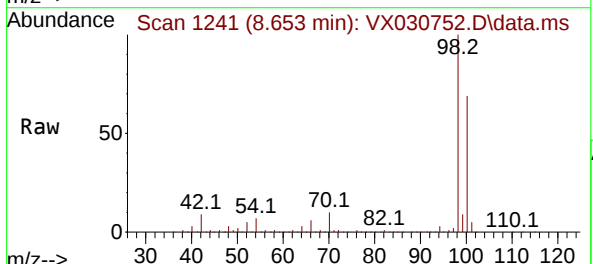
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20220817

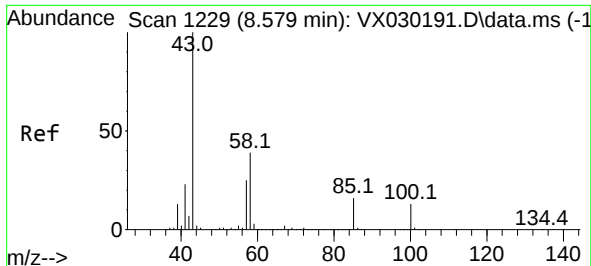
Tgt Ion:130 Resp: 4328
Ion Ratio Lower Upper
130 100
95 86.0 0.0 194.8



#50
Toluene-d8
Concen: 51.672 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

Tgt Ion: 98 Resp: 567187
Ion Ratio Lower Upper
98 100
100 65.9 52.3 78.5

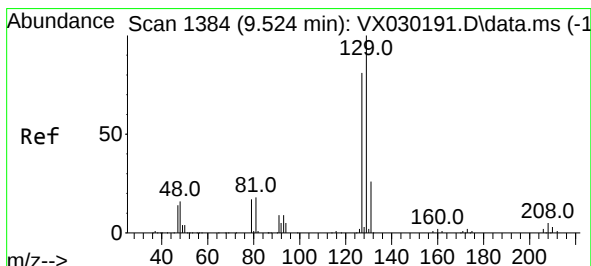
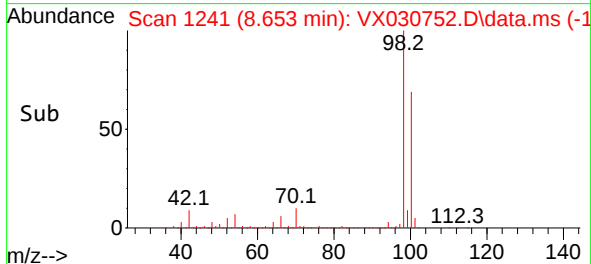
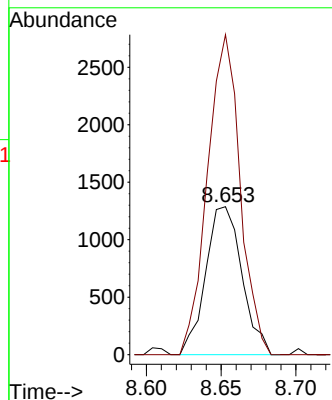
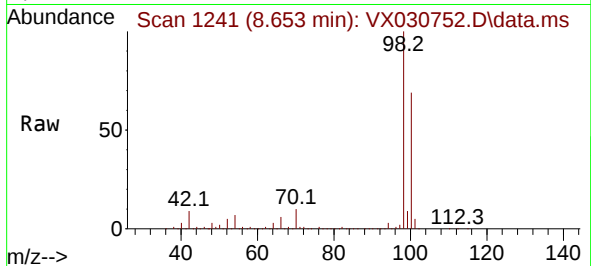




#51
4-Methyl-2-Pentanone
Concen: 0.378 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

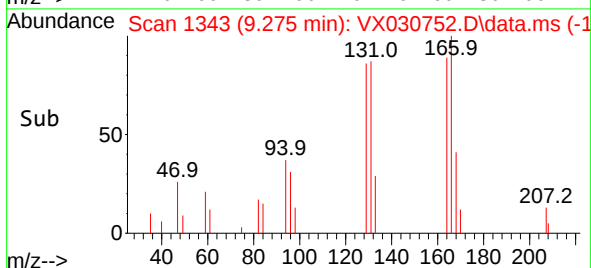
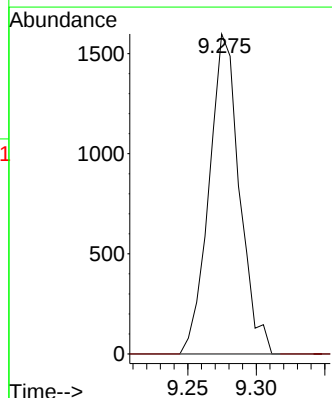
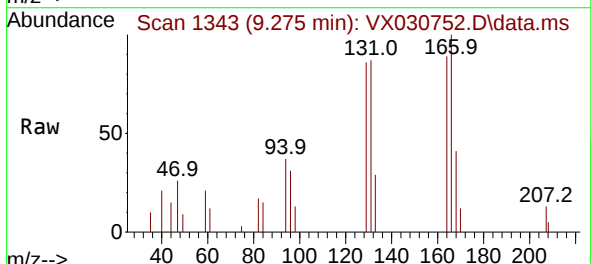
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20220817

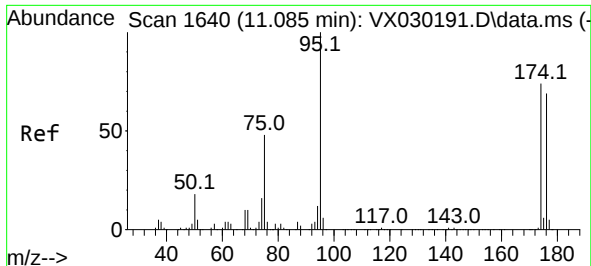
Tgt Ion: 43 Resp: 2171
Ion Ratio Lower Upper
43 100
58 194.8 31.4 47.2#



#60
Dibromochloromethane
Concen: 0.800 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

Tgt Ion: 129 Resp: 2468
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 47.049 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030752.D

Acq: 23 Aug 2022 23:31

Instrument :

MSVOA_X

ClientSampleId :

RE126D3-20220817

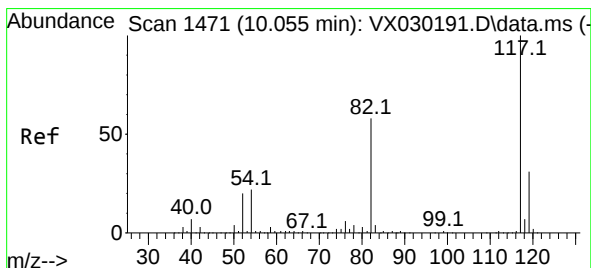
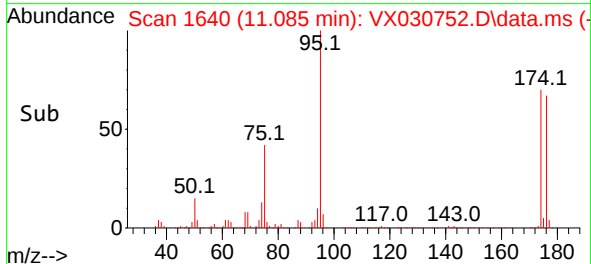
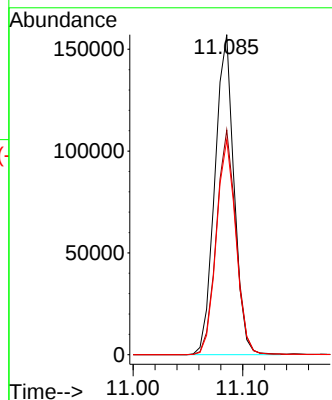
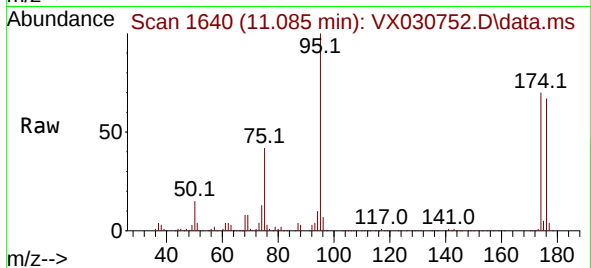
Tgt Ion: 95 Resp: 191666

Ion Ratio Lower Upper

95 100

174 71.7 0.0 149.0

176 68.6 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: VX030752.D

Acq: 23 Aug 2022 23:31

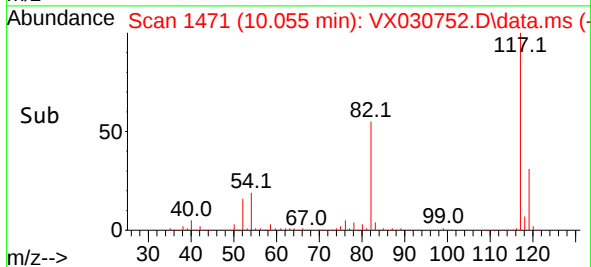
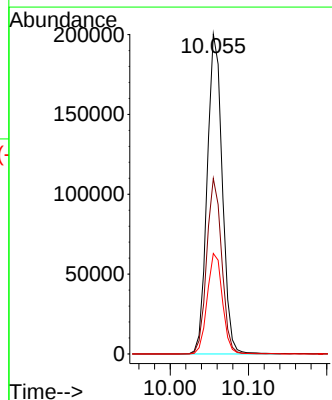
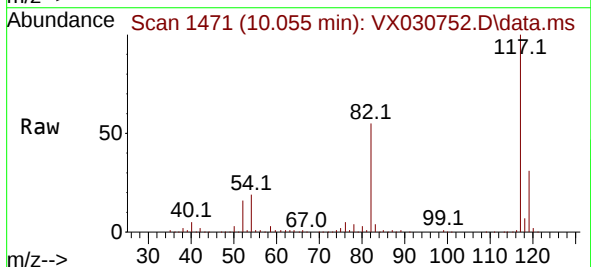
Tgt Ion: 117 Resp: 267479

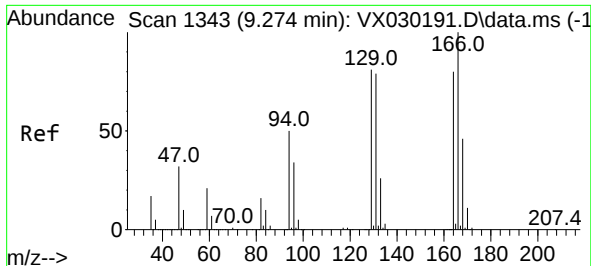
Ion Ratio Lower Upper

117 100

82 54.9 42.7 64.1

119 31.4 25.4 38.2

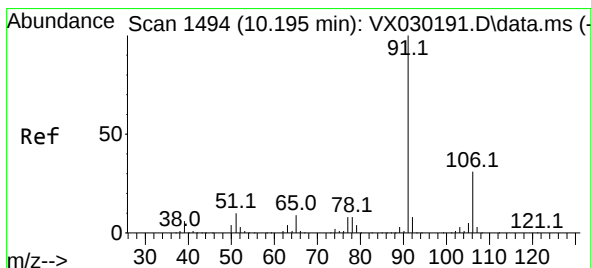
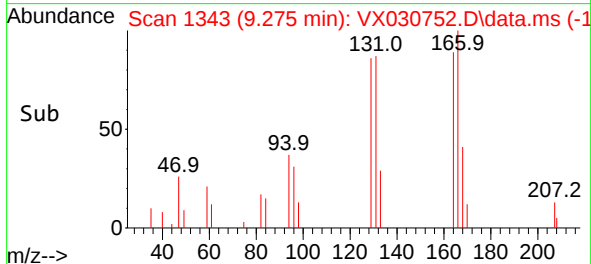
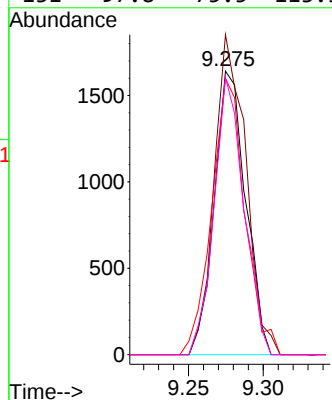
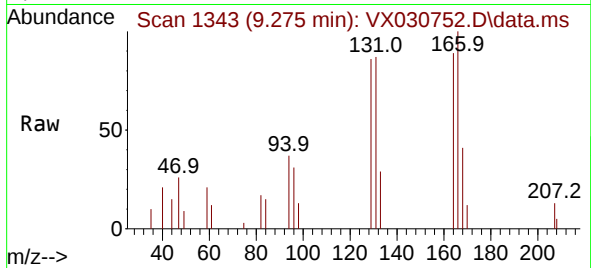




#64
Tetrachloroethene
Concen: 0.832 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

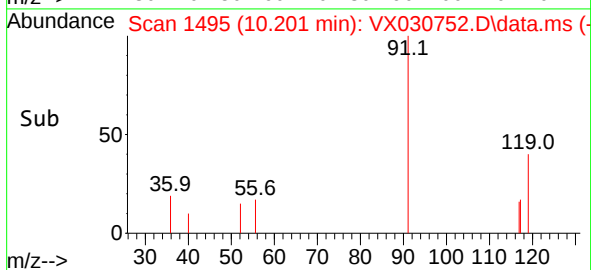
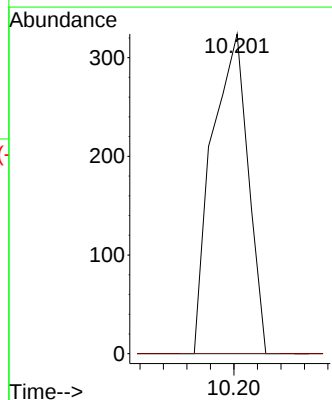
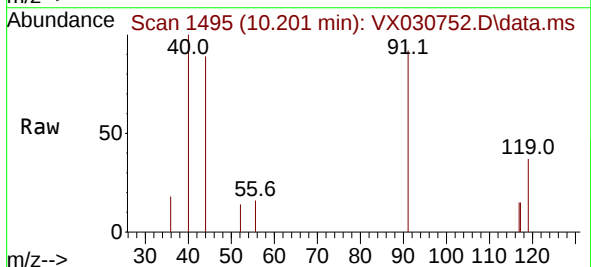
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20220817

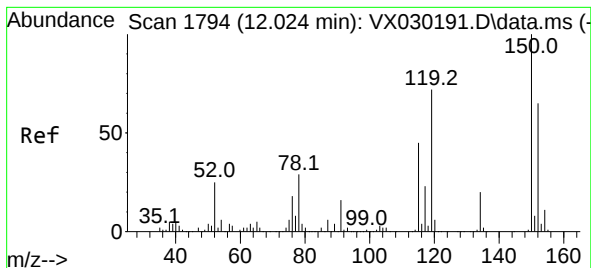
Tgt Ion:164	Resp:	2396
Ion	Ratio	Lower Upper
164	100	
166	112.9	98.2 147.4
129	97.4	80.8 121.2
131	97.8	75.5 113.3



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030752.D
Acq: 23 Aug 2022 23:31

Tgt Ion: 91	Resp:	345
Ion	Ratio	Lower Upper
91	100	
106	0.0	25.5 38.3#

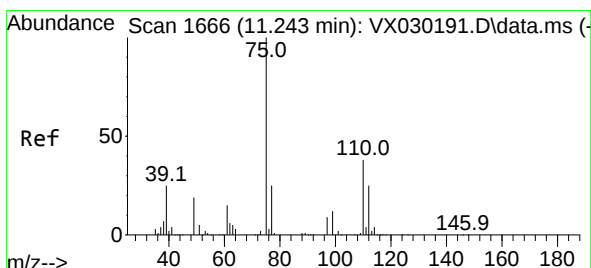
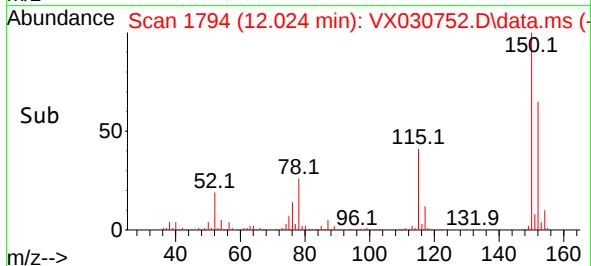
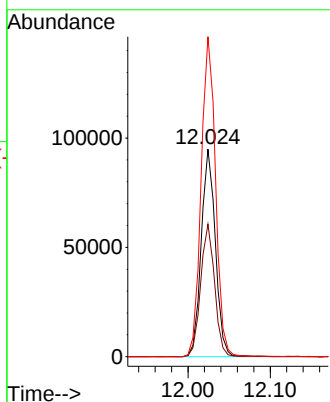
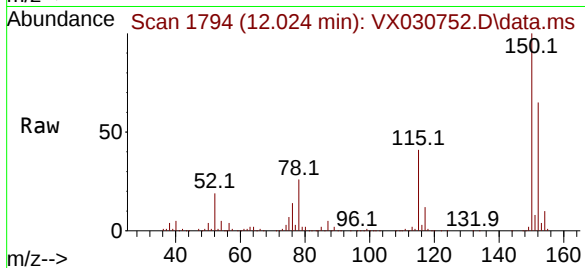




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030752.D
 Acq: 23 Aug 2022 23:31

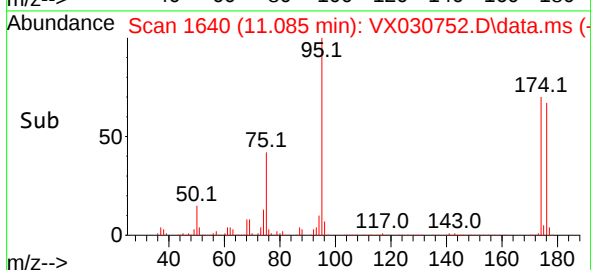
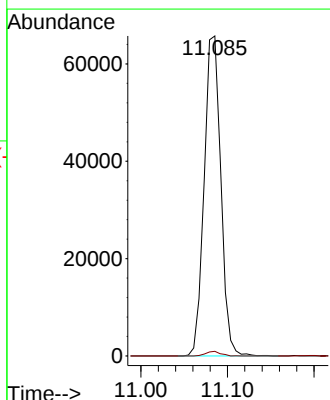
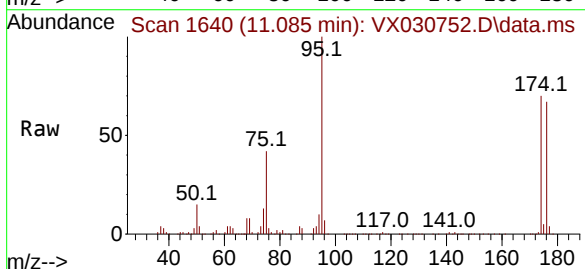
Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D3-20220817

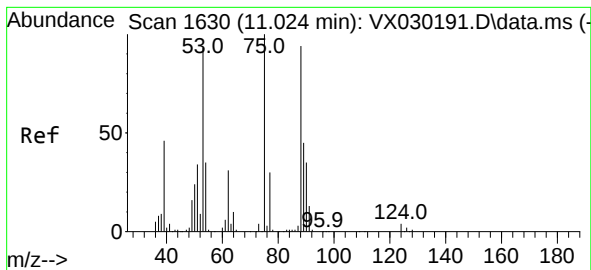
Tgt Ion:152 Resp: 113325
 Ion Ratio Lower Upper
 152 100
 115 62.9 40.5 121.5
 150 156.9 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 29.432 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX030752.D
 Acq: 23 Aug 2022 23:31

Tgt Ion: 75 Resp: 87919
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.294 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030752.D
 Acq: 23 Aug 2022 23:31

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D3-20220817

Tgt Ion: 75 Resp: 87919
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

