

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030741.D
 Acq On : 23 Aug 2022 18:49
 Operator : JC/MD
 Sample : N4245-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D1-20220817

Quant Time: Sep 06 02:57:33 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	123564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	281494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	151193	60.878	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.760%	
35) Dibromofluoromethane	5.391	113	142233	52.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.720%	
50) Toluene-d8	8.653	98	511607	49.094	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.180%	
62) 4-Bromofluorobenzene	11.085	95	175639	45.414	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	484	0.241	ug/l	95
5) Bromomethane	1.611	94	394	Below Cal		83
10) Methyl Iodide	2.191	142	21	1.536	ug/l #	45
13) Acrolein	2.239	56	41	0.275	ug/l #	14
16) Acetone	2.392	43	1376	1.082	ug/l #	77
20) Methylene Chloride	2.782	84	694	Below Cal	#	75
31) Cyclohexane	5.550	56	2701	0.749	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9842	2.541	ug/l #	48
38) Carbon Tetrachloride	5.562	117	12753	3.528	ug/l #	17
44) Trichloroethene	7.129	130	62413	18.747	ug/l	97
49) 1,4-Dioxane	7.683	88	992	10.854	ug/l #	79
51) 4-Methyl-2-Pentanone	8.653	43	1820	0.333	ug/l #	1
60) Dibromochloromethane	9.281	129	1843	0.629	ug/l #	11
64) Tetrachloroethene	9.275	164	1849	0.666	ug/l	91
67) Ethyl Benzene	10.201	91	82	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	81149	29.126	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	81149	87.376	ug/l #	13

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

Quant Time: Sep 06 02:57:33 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

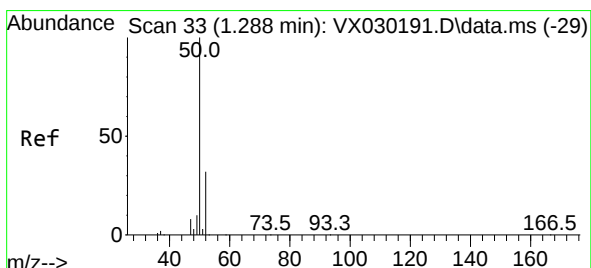
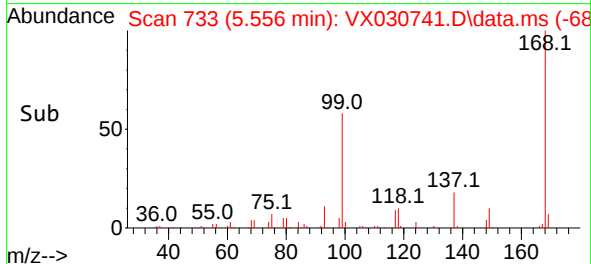
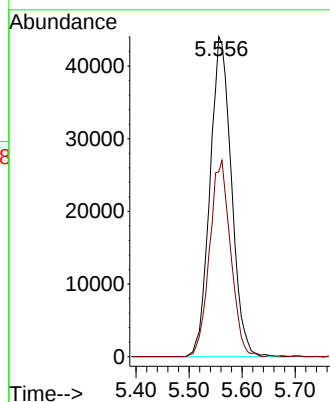
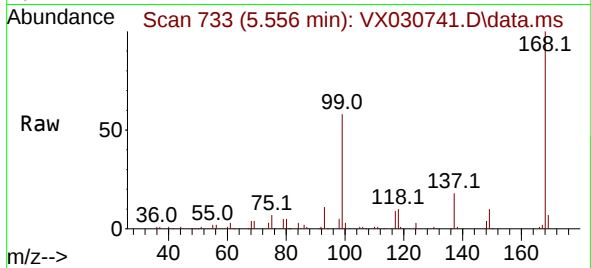




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030741.D
Acq: 23 Aug 2022 18:49

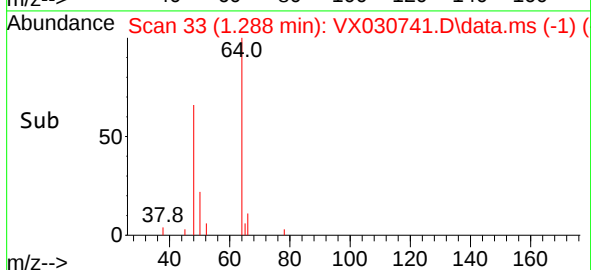
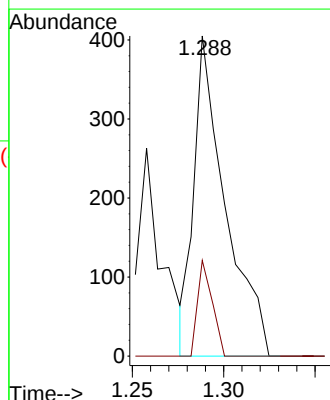
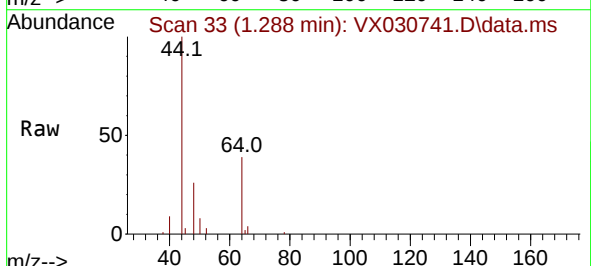
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817

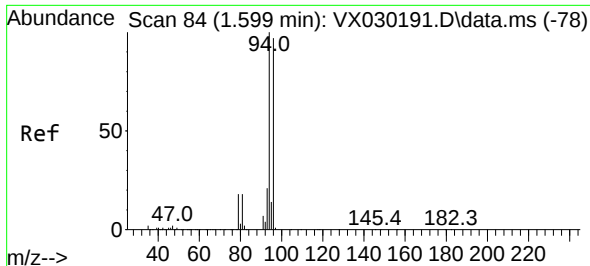
Tgt Ion:168 Resp: 123564
Ion Ratio Lower Upper
168 100
99 57.8 44.0 66.0



#3
Chloromethane
Concen: 0.241 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030741.D
Acq: 23 Aug 2022 18:49

Tgt Ion: 50 Resp: 484
Ion Ratio Lower Upper
50 100
52 29.9 26.3 39.5

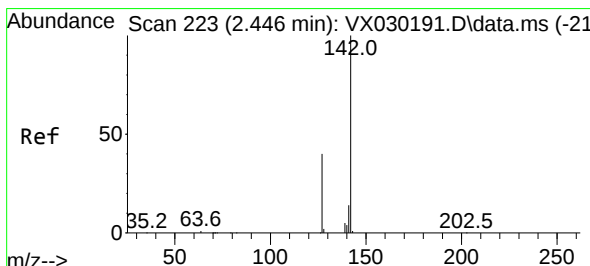
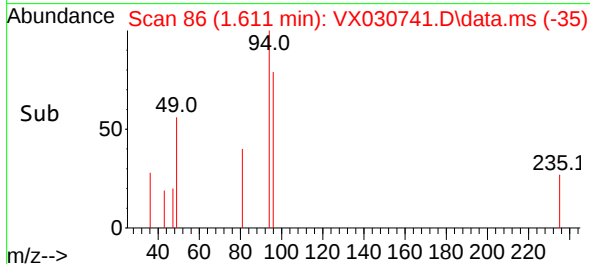
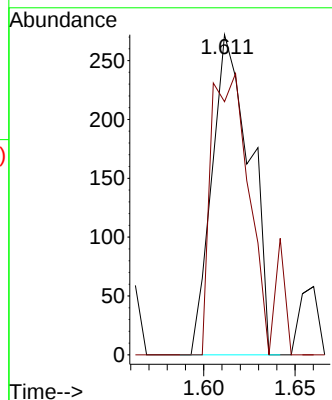
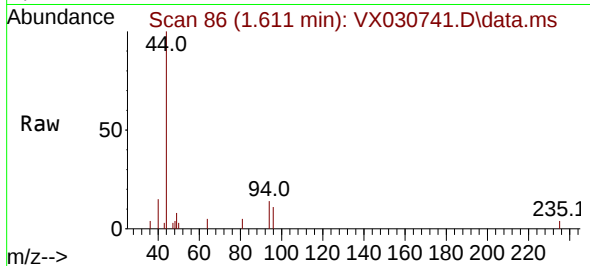




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX030741.D
Acq: 23 Aug 2022 18:49

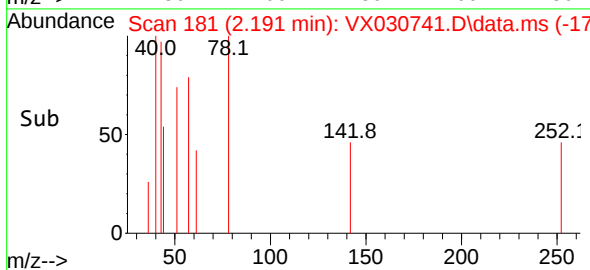
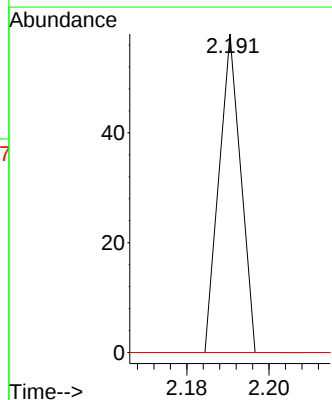
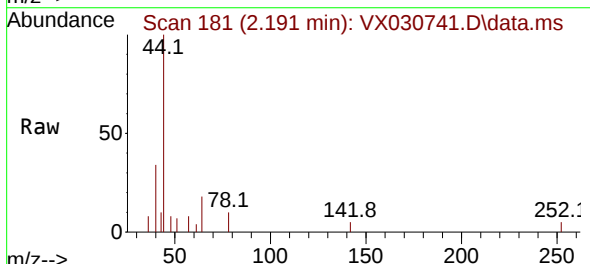
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817

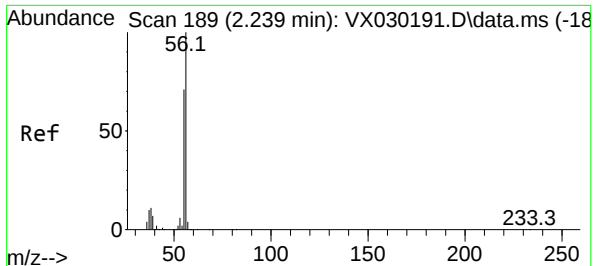
Tgt Ion: 94 Resp: 394
Ion Ratio Lower Upper
94 100
96 79.0 76.9 115.3



#10
Methyl Iodide
Concen: 1.536 ug/l
RT: 2.191 min Scan# 181
Delta R.T. -0.256 min
Lab File: VX030741.D
Acq: 23 Aug 2022 18:49

Tgt Ion: 142 Resp: 21
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

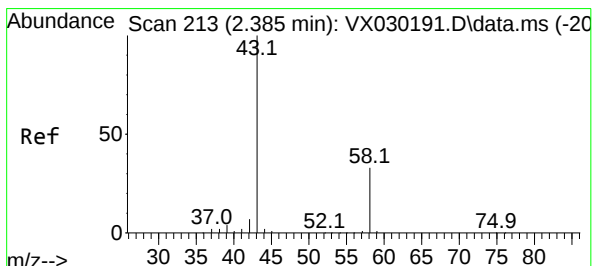
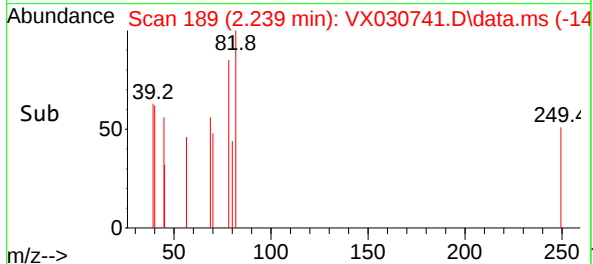
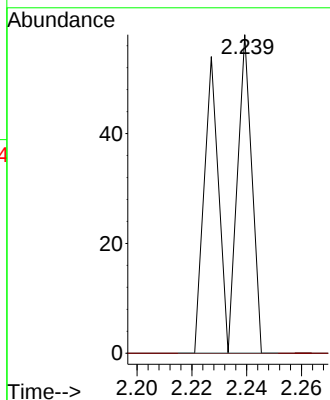
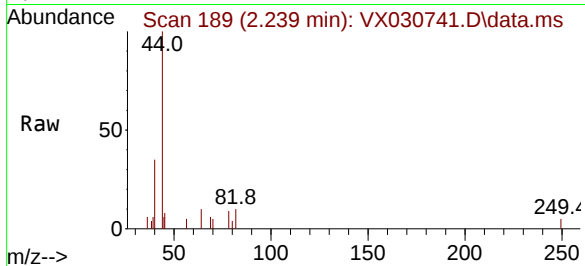




#13
Acrolein
Concen: 0.275 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030741.D
Acq: 23 Aug 2022 18:49

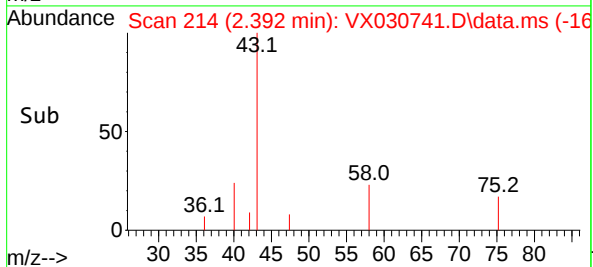
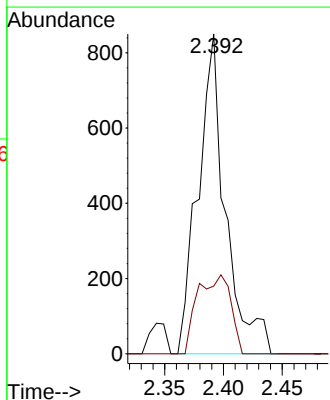
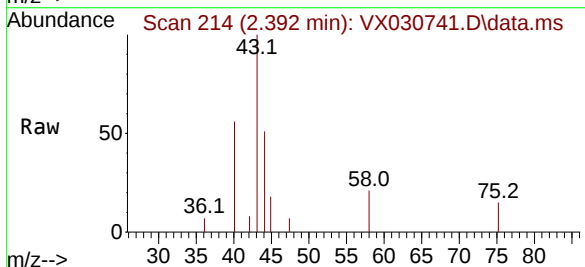
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817

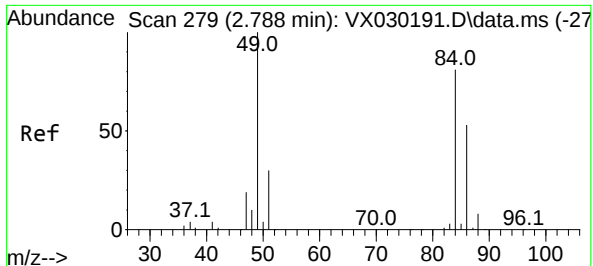
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 1.082 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX030741.D
Acq: 23 Aug 2022 18:49

Tgt Ion: 43 Resp: 1376
Ion Ratio Lower Upper
43 100
58 21.2 27.7 41.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX030741.D

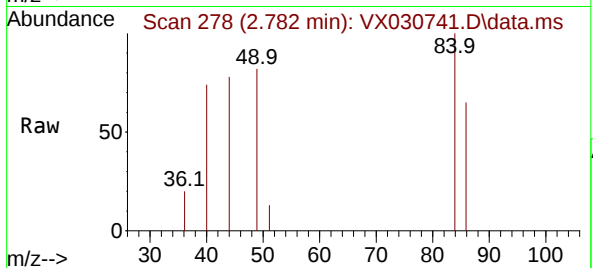
Acq: 23 Aug 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

RE126D1-20220817



Tgt Ion: 84 Resp: 694

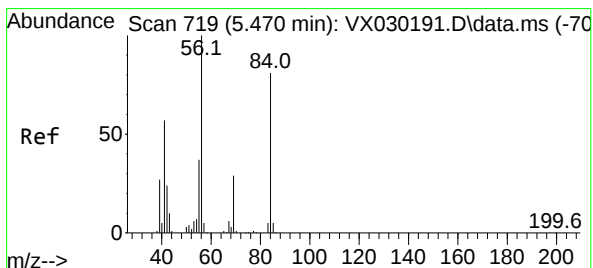
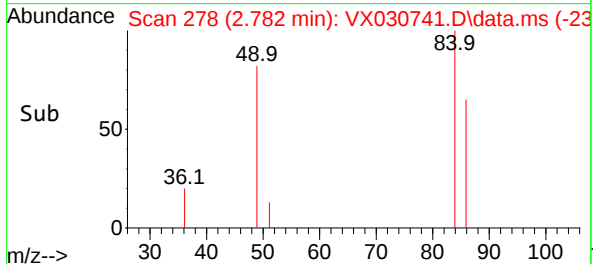
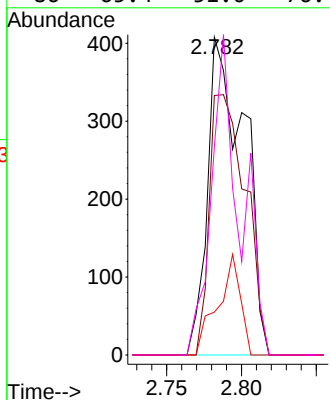
Ion Ratio Lower Upper

84 100

49 81.6 93.8 140.6#

51 13.5 29.4 44.0#

86 65.4 51.0 76.4



#31

Cyclohexane

Concen: 0.749 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX030741.D

Acq: 23 Aug 2022 18:49

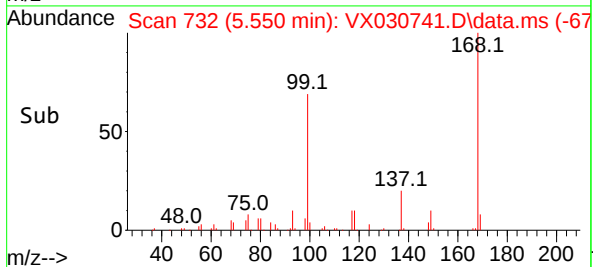
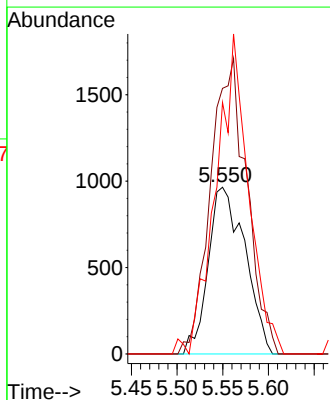
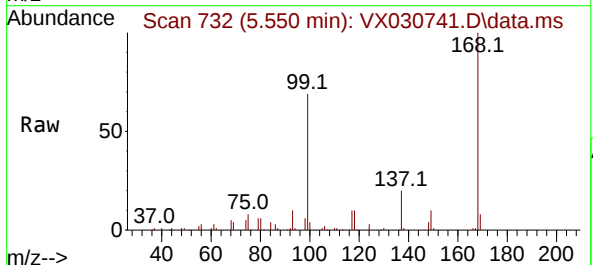
Tgt Ion: 56 Resp: 2701

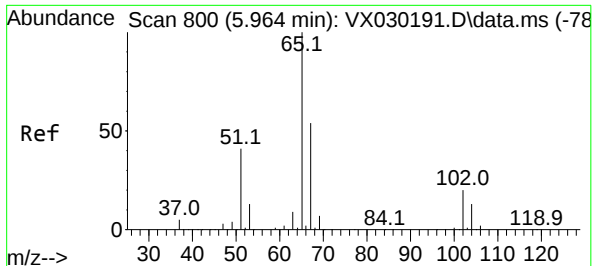
Ion Ratio Lower Upper

56 100

69 159.3 25.4 38.0#

84 142.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 60.878 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030741.D

Acq: 23 Aug 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

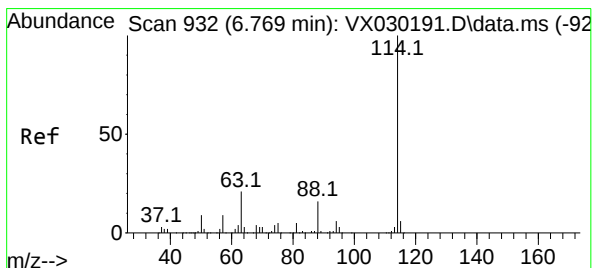
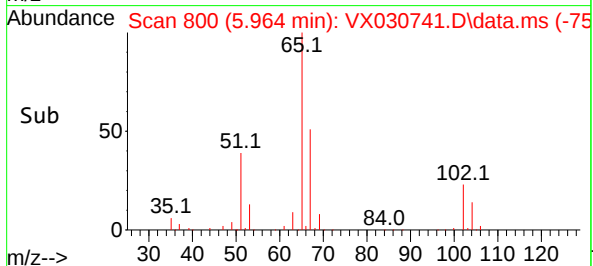
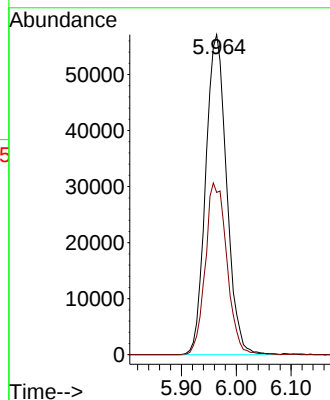
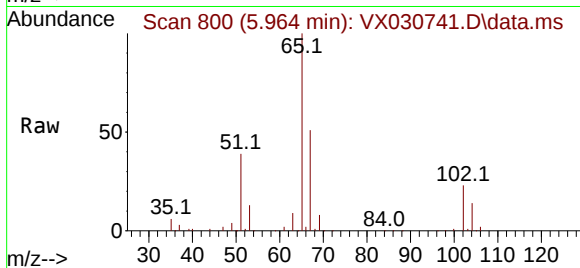
RE126D1-20220817

Tgt Ion: 65 Resp: 151193

Ion Ratio Lower Upper

65 100

67 55.3 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: VX030741.D

Acq: 23 Aug 2022 18:49

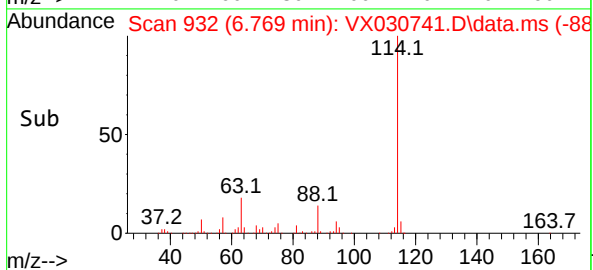
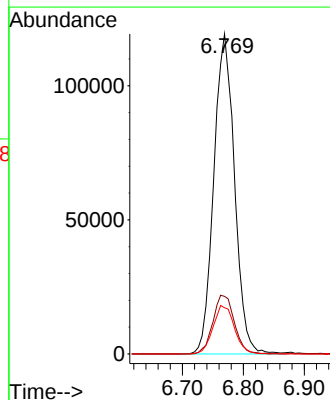
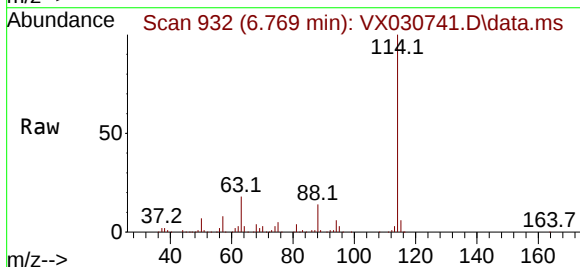
Tgt Ion: 114 Resp: 281494

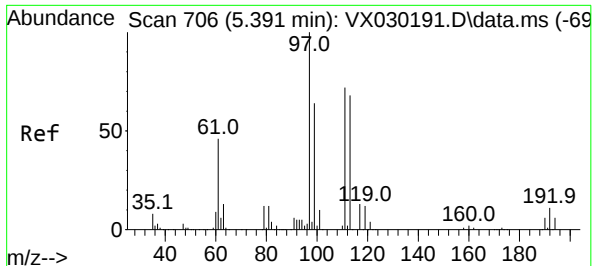
Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

88 14.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.856 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030741.D

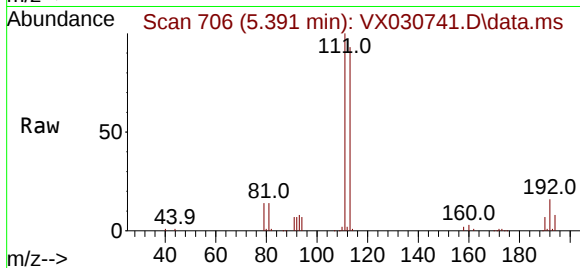
Acq: 23 Aug 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

RE126D1-20220817



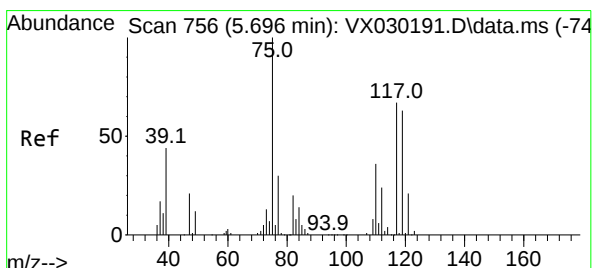
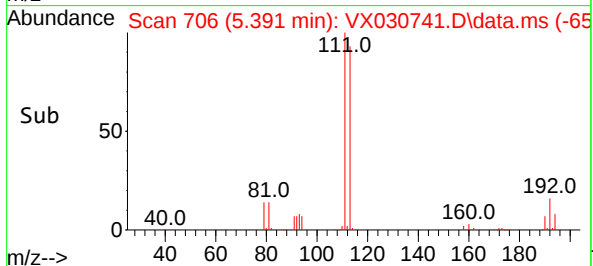
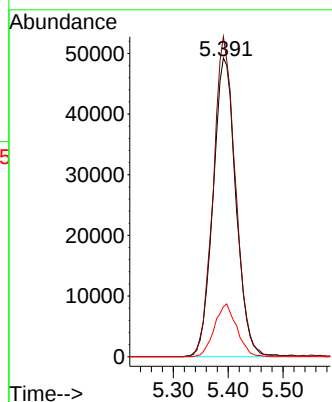
Tgt Ion:113 Resp: 142233

Ion Ratio Lower Upper

113 100

111 104.8 83.2 124.8

192 17.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 2.541 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030741.D

Acq: 23 Aug 2022 18:49

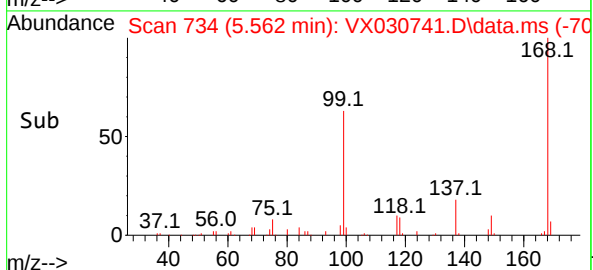
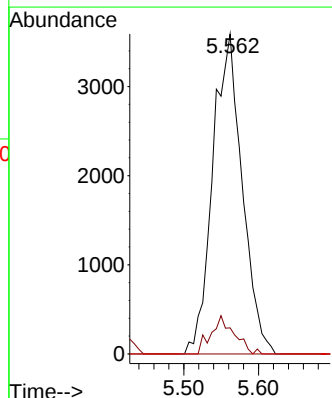
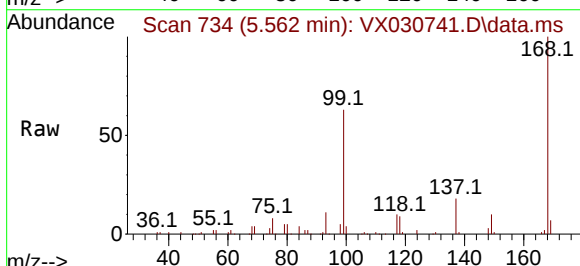
Tgt Ion: 75 Resp: 9842

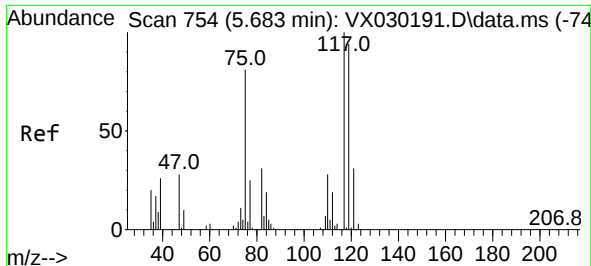
Ion Ratio Lower Upper

75 100

110 9.4 19.3 57.9#

77 0.0 24.4 36.6#

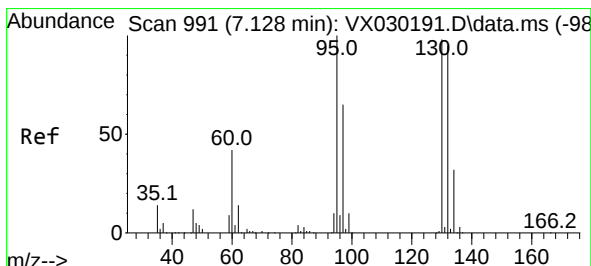
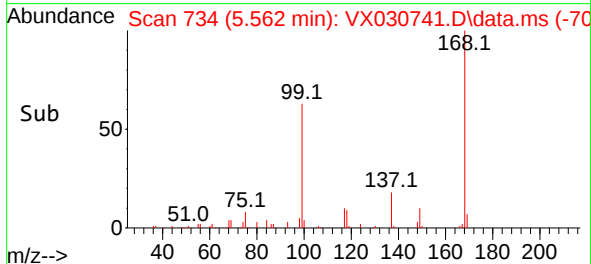
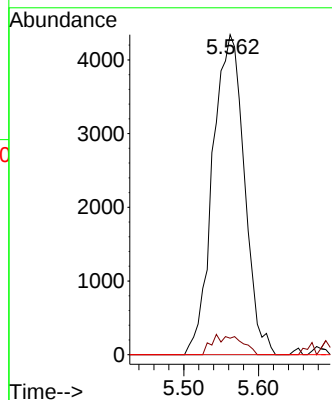
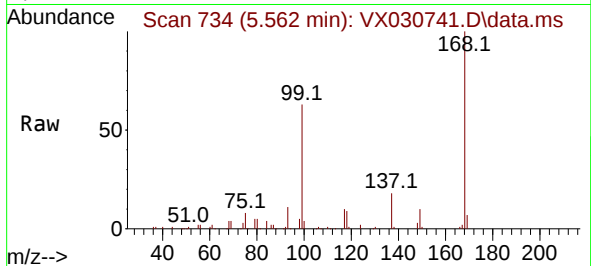




#38
Carbon Tetrachloride
Concen: 3.528 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX030741.D
Acq: 23 Aug 2022 18:49

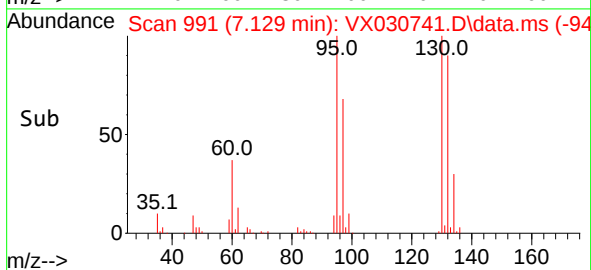
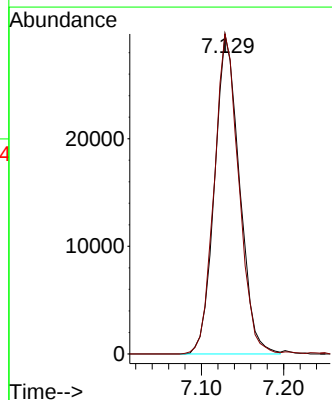
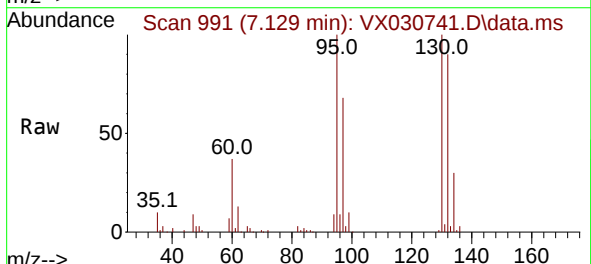
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817

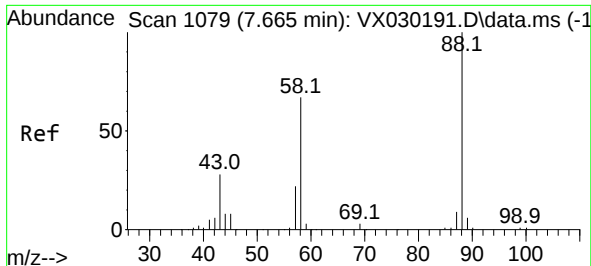
Tgt Ion:117 Resp: 12753
Ion Ratio Lower Upper
117 100
119 5.2 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 18.747 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX030741.D
Acq: 23 Aug 2022 18:49

Tgt Ion:130 Resp: 62413
Ion Ratio Lower Upper
130 100
95 99.9 0.0 194.8





#49

1,4-Dioxane

Concen: 10.854 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. 0.018 min

Lab File: VX030741.D

Acq: 23 Aug 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

RE126D1-20220817

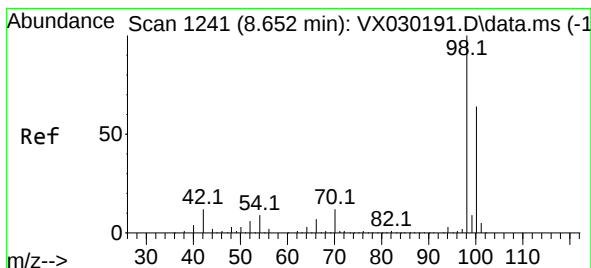
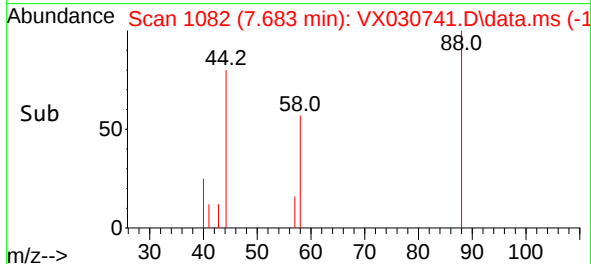
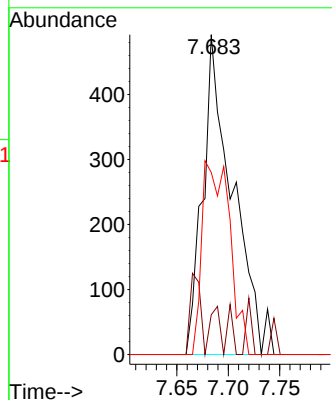
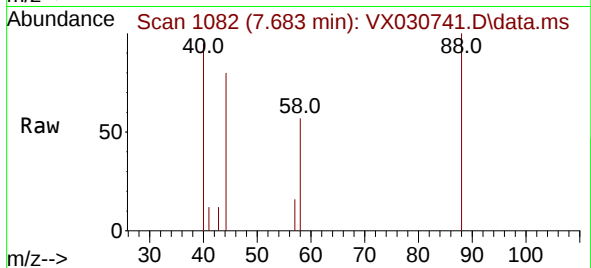
Tgt Ion: 88 Resp: 992

Ion Ratio Lower Upper

88 100

43 8.7 23.8 35.8#

58 56.3 53.8 80.6



#50

Toluene-d8

Concen: 49.094 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.001 min

Lab File: VX030741.D

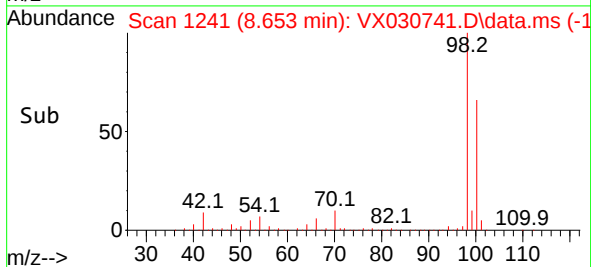
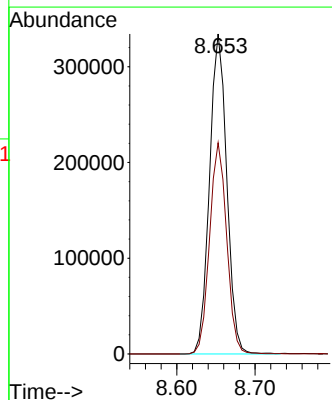
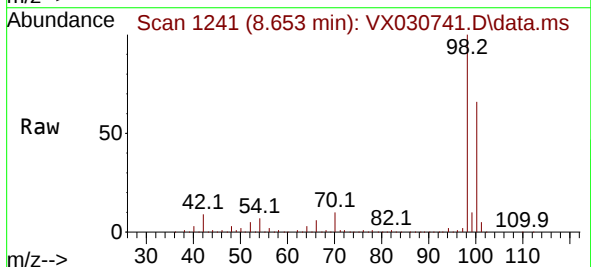
Acq: 23 Aug 2022 18:49

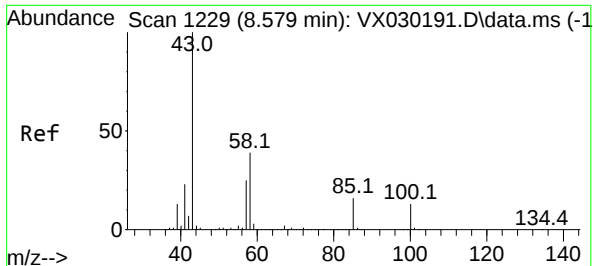
Tgt Ion: 98 Resp: 511607

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5

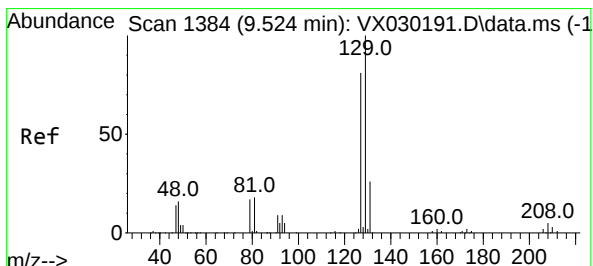
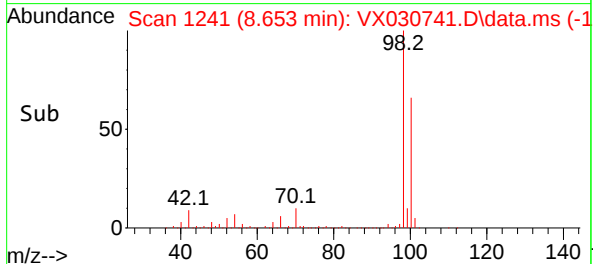
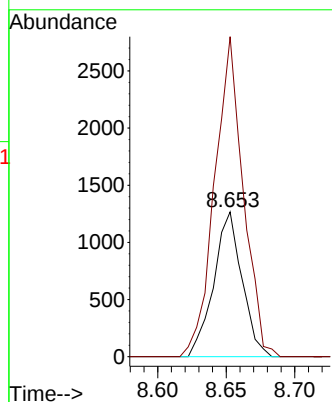
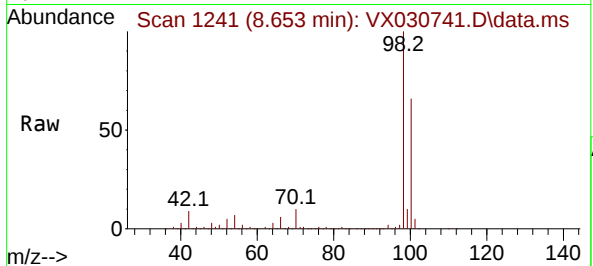




#51
4-Methyl-2-Pentanone
Concen: 0.333 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX030741.D
Acq: 23 Aug 2022 18:49

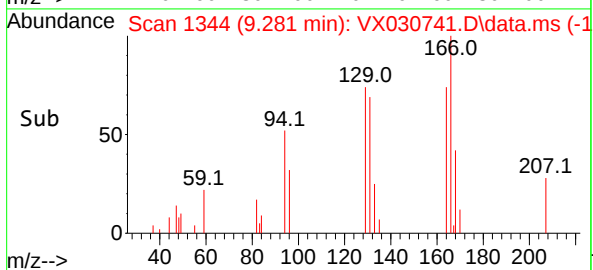
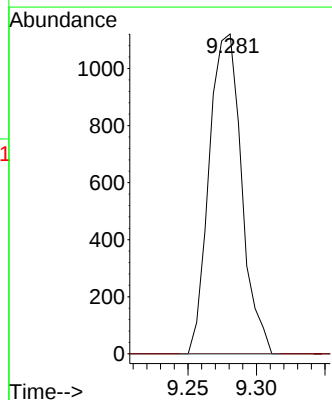
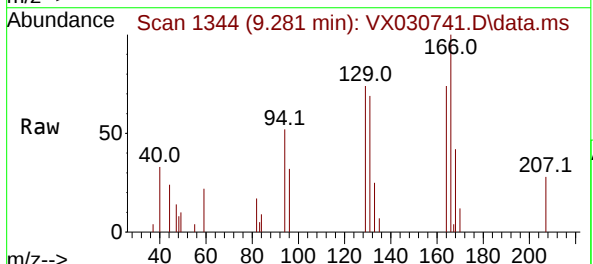
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817

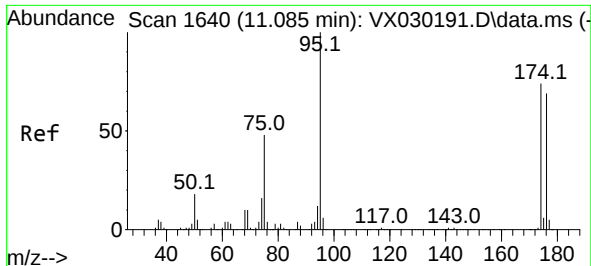
Tgt Ion: 43 Resp: 1820
Ion Ratio Lower Upper
43 100
58 223.6 31.4 47.2#



#60
Dibromochloromethane
Concen: 0.629 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX030741.D
Acq: 23 Aug 2022 18:49

Tgt Ion: 129 Resp: 1843
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 45.414 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030741.D

Acq: 23 Aug 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

RE126D1-20220817

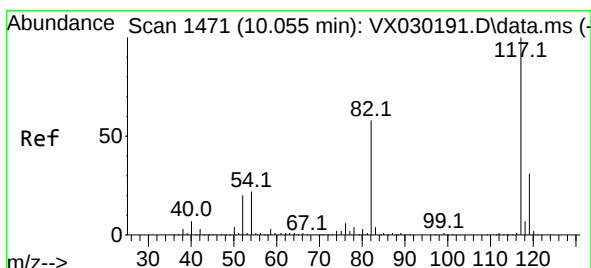
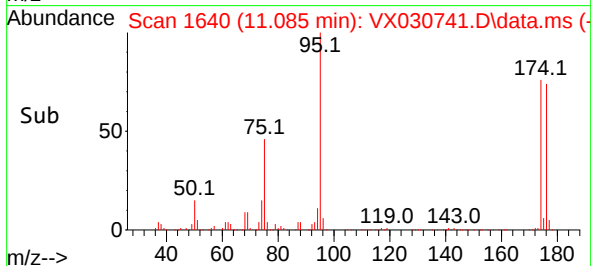
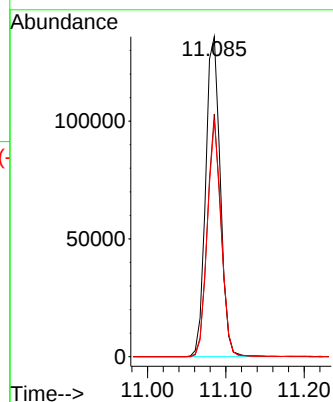
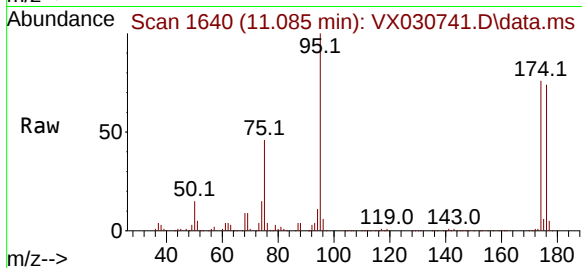
Tgt Ion: 95 Resp: 175639

Ion Ratio Lower Upper

95 100

174 70.6 0.0 149.0

176 70.2 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: VX030741.D

Acq: 23 Aug 2022 18:49

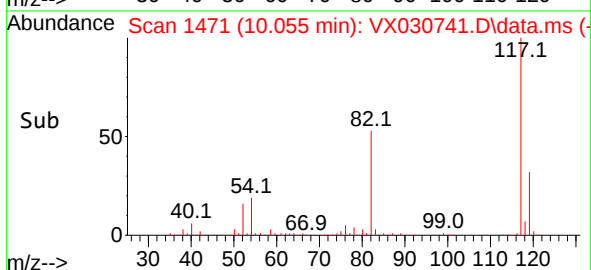
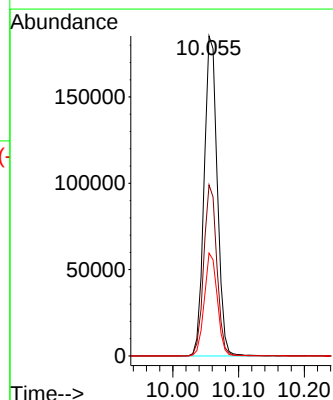
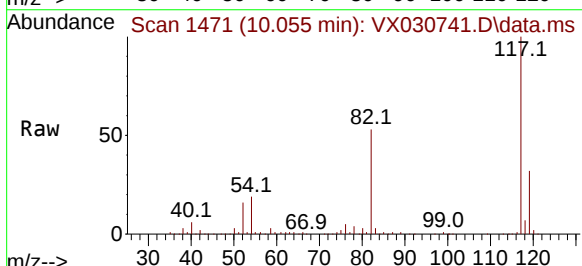
Tgt Ion: 117 Resp: 257793

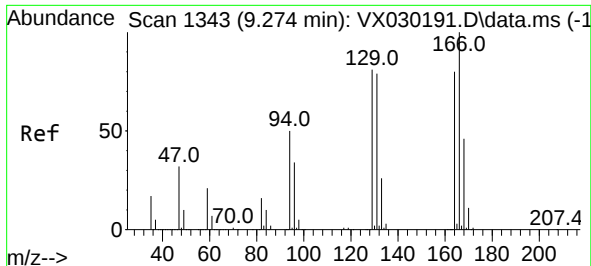
Ion Ratio Lower Upper

117 100

82 53.4 42.7 64.1

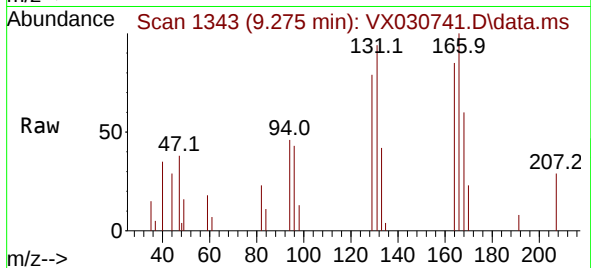
119 32.2 25.4 38.2



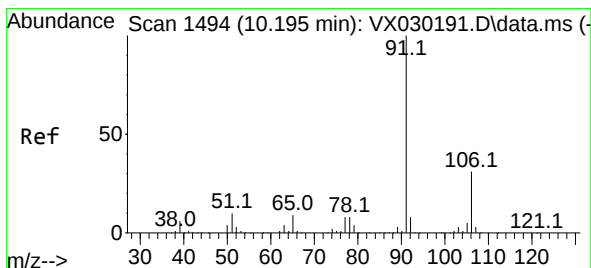
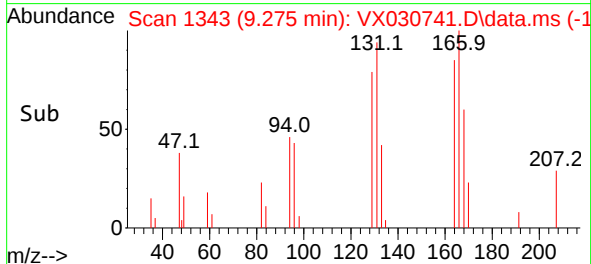
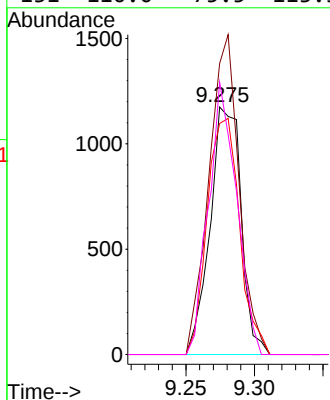


#64
Tetrachloroethene
Concen: 0.666 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030741.D
Acq: 23 Aug 2022 18:49

Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20220817

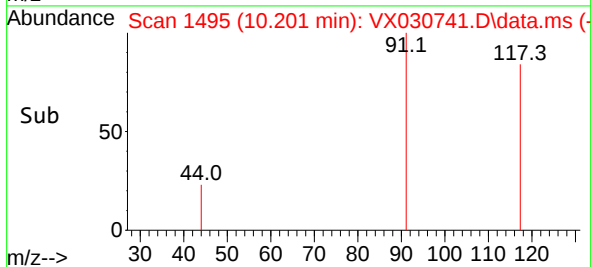
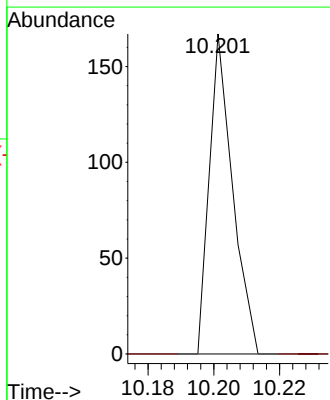
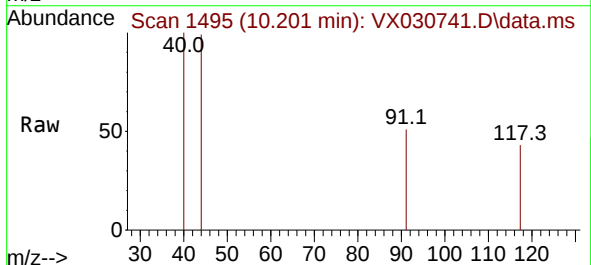


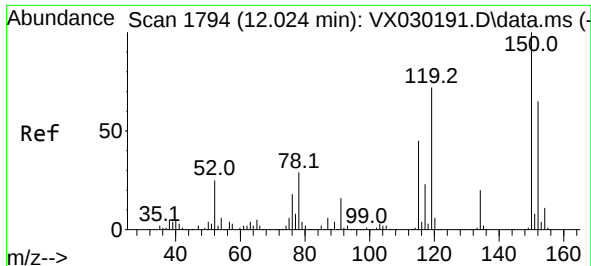
Tgt	Ion:164	Resp:	1849
Ion	Ratio	Lower	Upper
164	100		
166	117.5	98.2	147.4
129	93.4	80.8	121.2
131	110.0	75.5	113.3



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030741.D
Acq: 23 Aug 2022 18:49

Tgt Ion: 91	Resp:	82	
Ion	Ratio	Lower	Upper
91	100		
106	0.0	25.5	38.3#

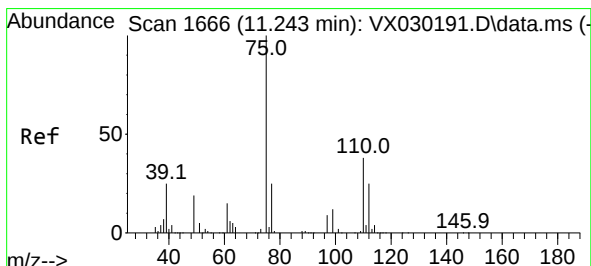
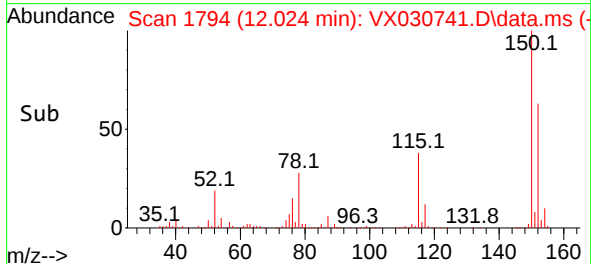
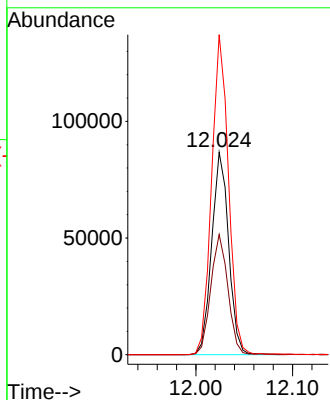
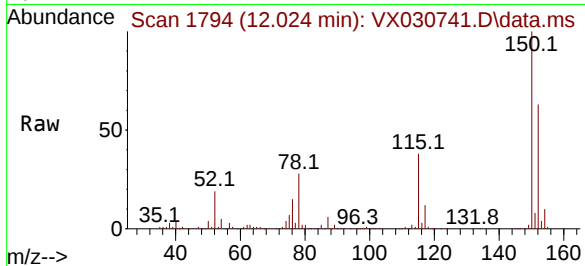




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030741.D
 Acq: 23 Aug 2022 18:49

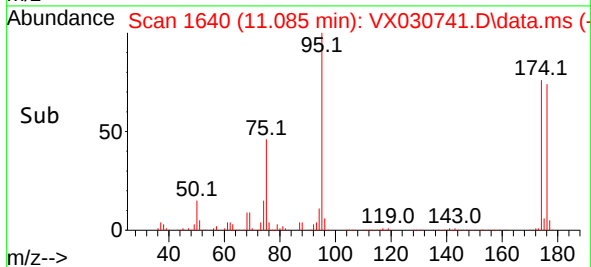
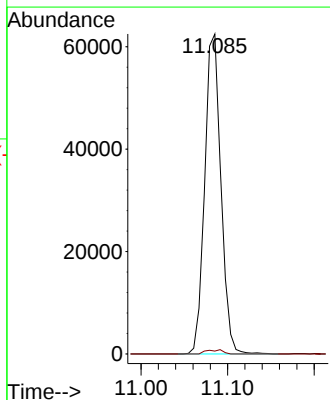
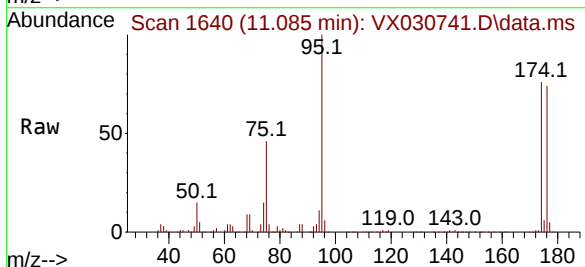
Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D1-20220817

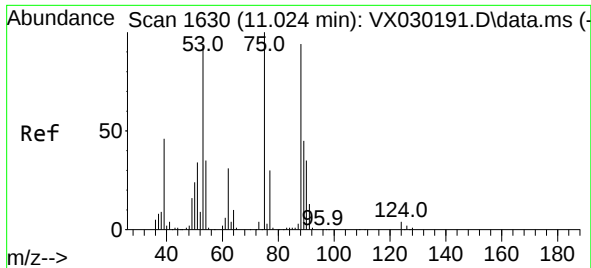
Tgt Ion:152 Resp: 105698
 Ion Ratio Lower Upper
 152 100
 115 60.1 40.5 121.5
 150 157.3 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 29.126 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX030741.D
 Acq: 23 Aug 2022 18:49

Tgt Ion: 75 Resp: 81149
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.376 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX030741.D
 Acq: 23 Aug 2022 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D1-20220817

Tgt Ion: 75 Resp: 81149
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

