

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029792.D
 Acq On : 25 Jun 2022 02:20
 Operator : JC/MD
 Sample : N3386-01 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20220613

Quant Time: Jun 25 05:32:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

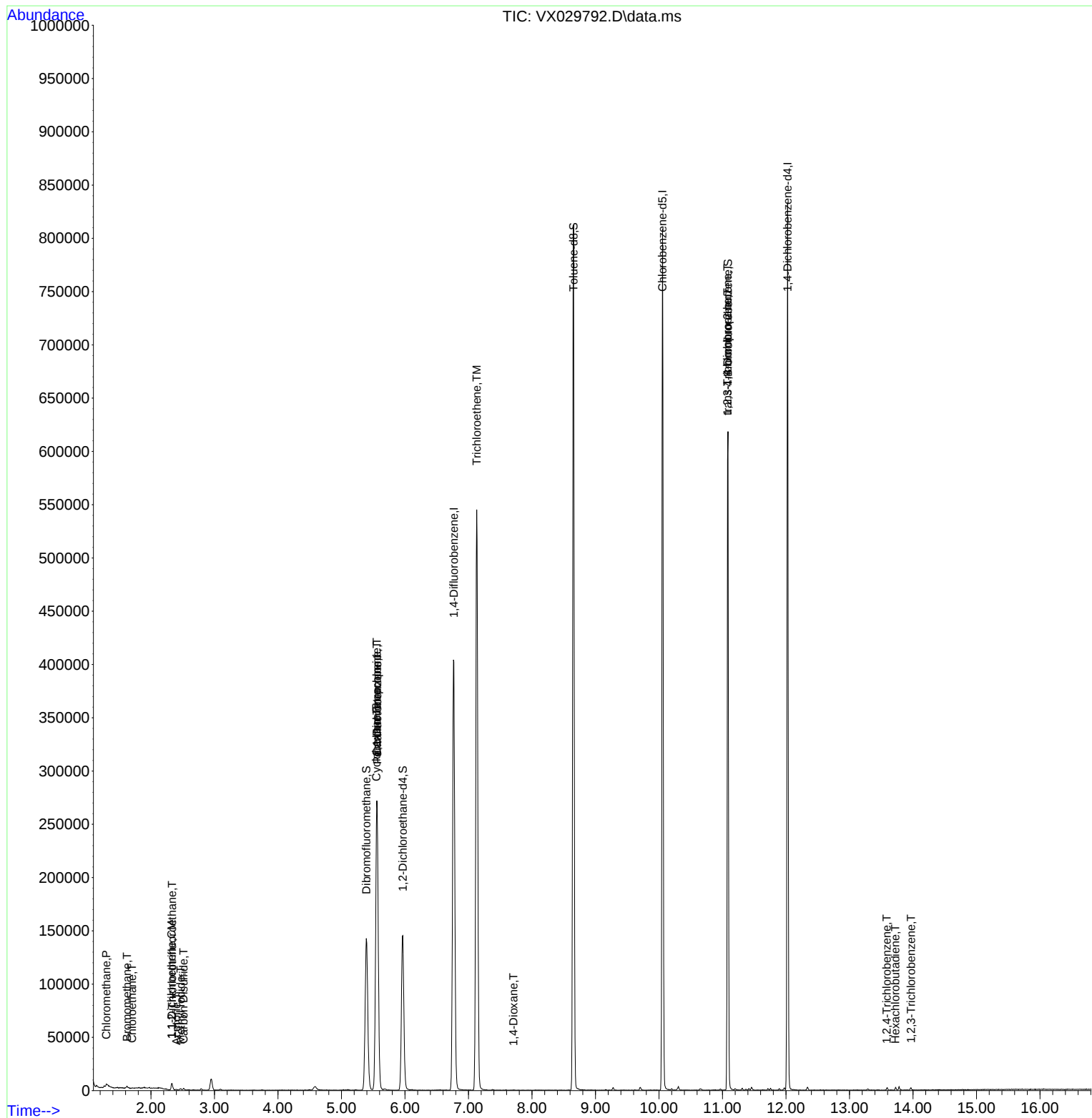
Internal Standards						
1) Pentafluorobenzene	5.562	168	269695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	448044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138237	38.722	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	77.440%		
35) Dibromofluoromethane	5.391	113	128077	43.864	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.720%		
50) Toluene-d8	8.653	98	495778	46.479	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.960%		
62) 4-Bromofluorobenzene	11.085	95	182634	45.403	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.800%		
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	818	0.232	ug/l #	80
5) Bromomethane	1.624	94	835	0.505	ug/l	94
6) Chloroethane	1.703	64	127	1.342	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	2160	0.763	ug/l	92
10) Methyl Iodide	2.465	142	1411	3.428	ug/l #	93
11) Tert butyl alcohol	2.947	59	6364	Below Cal	#	72
12) 1,1-Dichloroethene	2.325	96	710	0.260	ug/l #	65
16) Acetone	2.398	43	662	0.465	ug/l #	85
17) Carbon Disulfide	2.514	76	1873	0.264	ug/l #	75
31) Cyclohexane	5.550	56	4778	0.997	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18732	4.740	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26616	6.849	ug/l #	16
44) Trichloroethene	7.129	130	227894	69.086	ug/l	98
49) 1,4-Dioxane	7.708	88	102	1.281	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	85715	22.805	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	85715	75.866	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.585	180	704	0.209	ug/l	92
94) Hexachlorobutadiene	13.719	225	467	0.338	ug/l	86
96) 1,2,3-Trichlorobenzene	13.969	180	761	0.225	ug/l	98

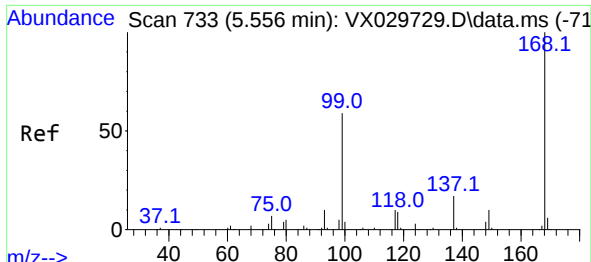
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

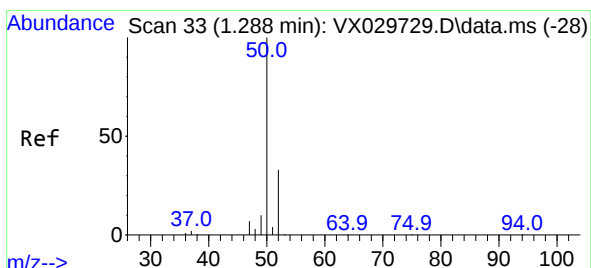
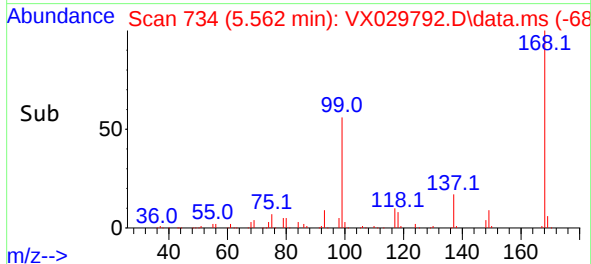
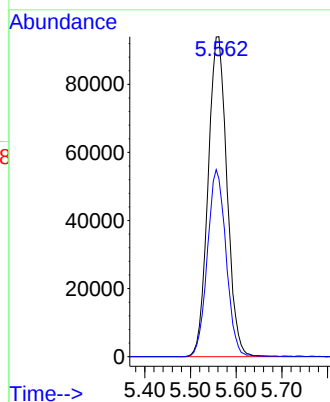
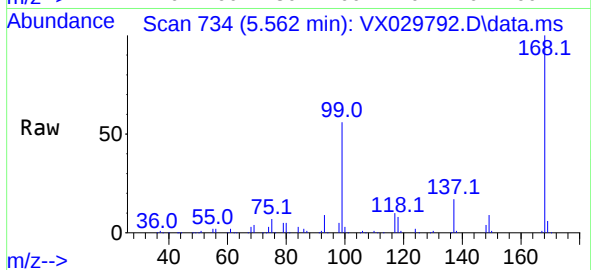




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

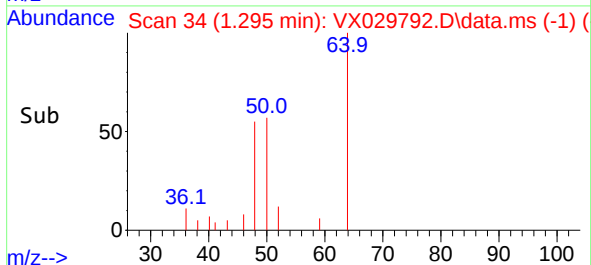
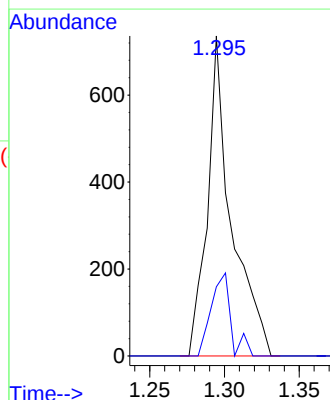
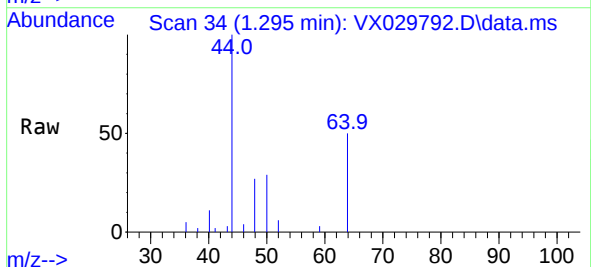
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20220613

Tgt Ion:168 Resp: 269695
Ion Ratio Lower Upper
168 100
99 55.6 41.7 62.5

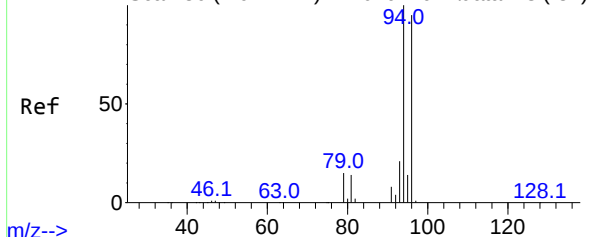


#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

Tgt Ion: 50 Resp: 818
Ion Ratio Lower Upper
50 100
52 21.6 26.4 39.6#



Abundance Scan 86 (1.612 min): VX029729.D\data.ms (-81)



#5

Bromomethane

Concen: 0.505 ug/l

RT: 1.624 min Scan# 81

Delta R.T. 0.013 min

Lab File: VX029792.D

Acq: 25 Jun 2022 02:20

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20220613

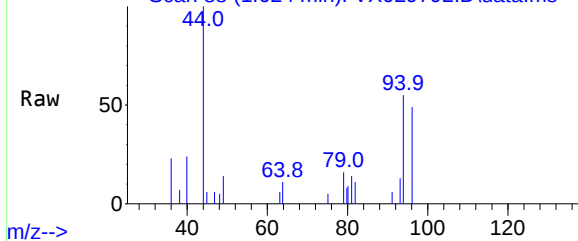
Tgt Ion: 94 Resp: 835

Ion Ratio Lower Upper

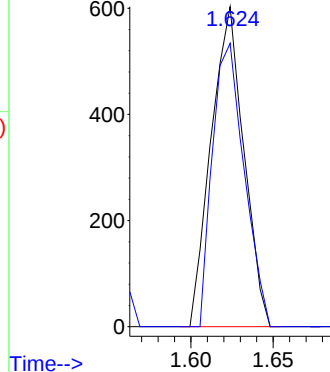
94 100

96 88.6 75.3 112.9

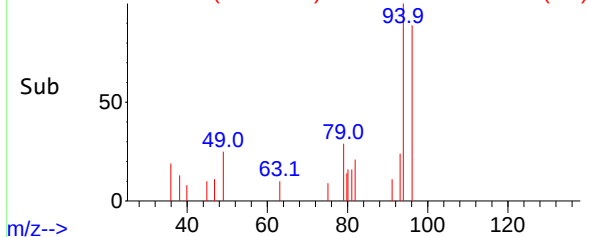
Abundance Scan 88 (1.624 min): VX029792.D\data.ms



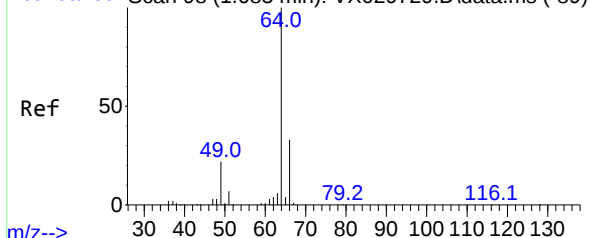
Abundance



Abundance Scan 88 (1.624 min): VX029792.D\data.ms (-37)



Abundance Scan 98 (1.685 min): VX029729.D\data.ms (-89)



#6

Chloroethane

Concen: 1.342 ug/l

RT: 1.703 min Scan# 101

Delta R.T. 0.018 min

Lab File: VX029792.D

Acq: 25 Jun 2022 02:20

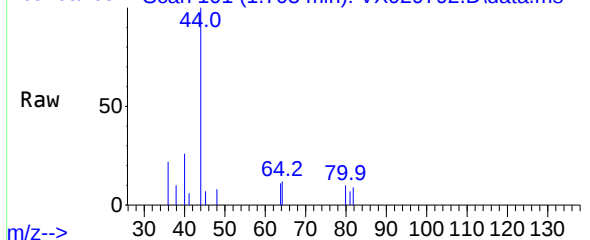
Tgt Ion: 64 Resp: 127

Ion Ratio Lower Upper

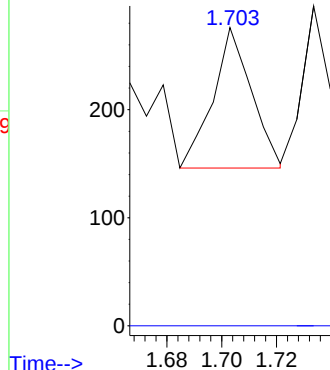
64 100

66 0.0 25.3 37.9#

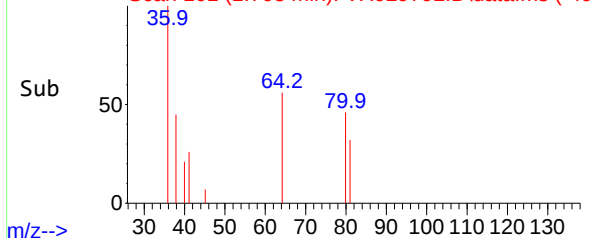
Abundance Scan 101 (1.703 min): VX029792.D\data.ms

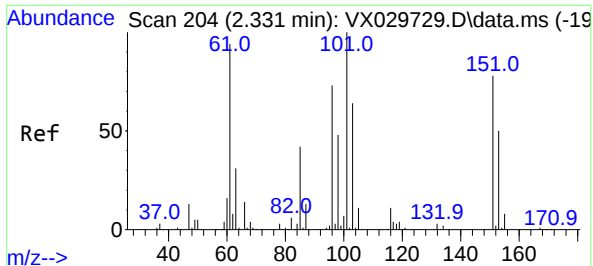


Abundance



Abundance Scan 101 (1.703 min): VX029792.D\data.ms (-49)



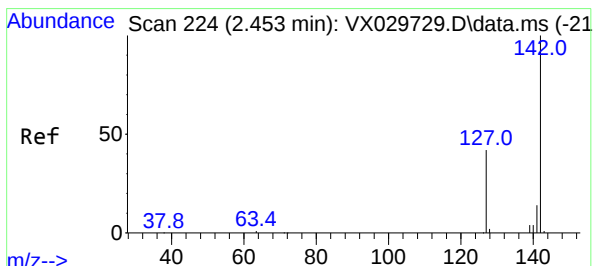
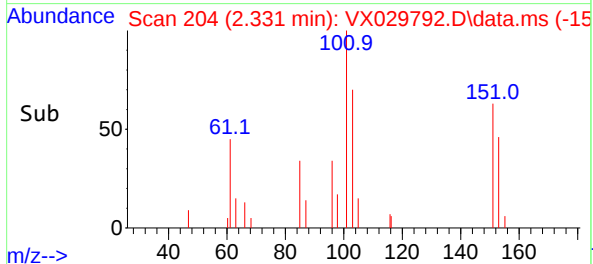
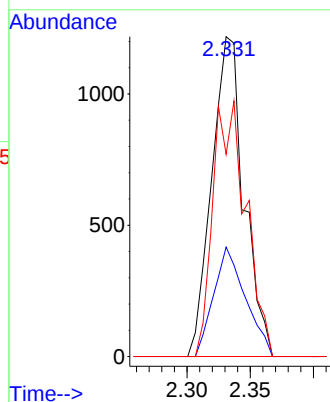
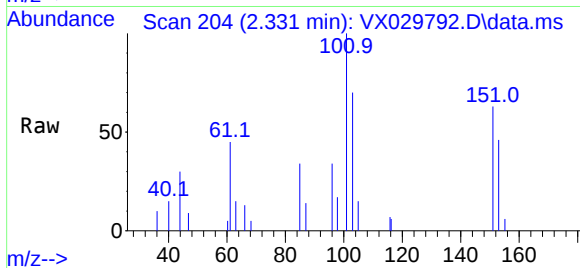


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.763 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20220613

Tgt Ion:101 Resp: 2160

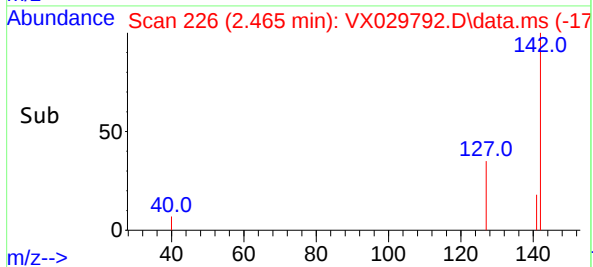
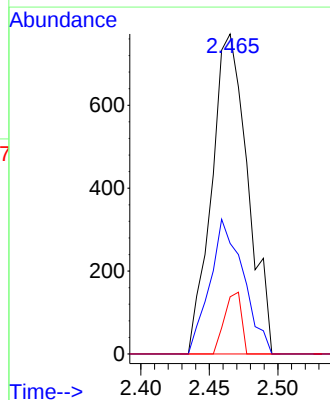
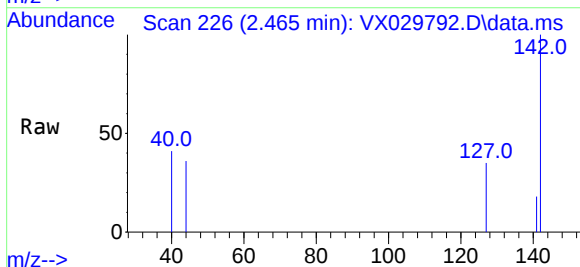
Ion	Ratio	Lower	Upper
101	100		
85	33.8	33.5	50.3
151	81.3	61.8	92.6

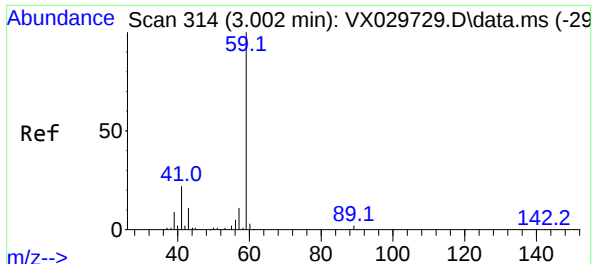


#10
Methyl Iodide
Concen: 3.428 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

Tgt Ion:142 Resp: 1411

Ion	Ratio	Lower	Upper
142	100		
127	39.3	33.9	50.9
141	9.1	11.4	17.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 30

Delta R.T. -0.036 min

Lab File: VX029792.D

Acq: 25 Jun 2022 02:20

Instrument :

MSVOA_X

ClientSampleId :

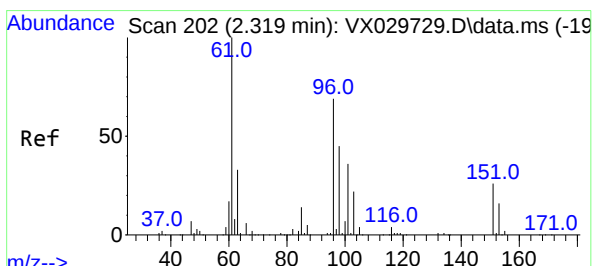
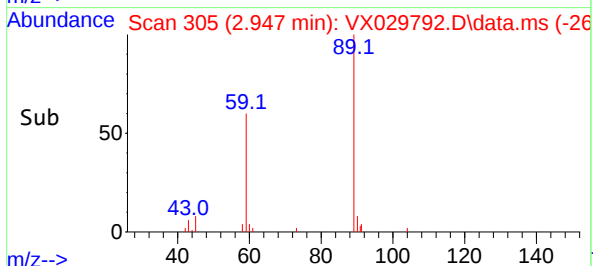
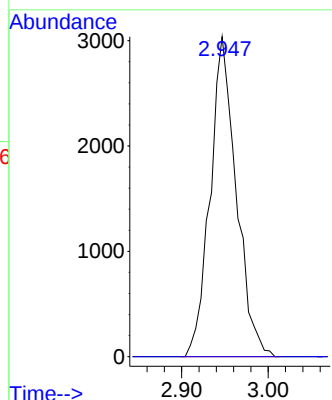
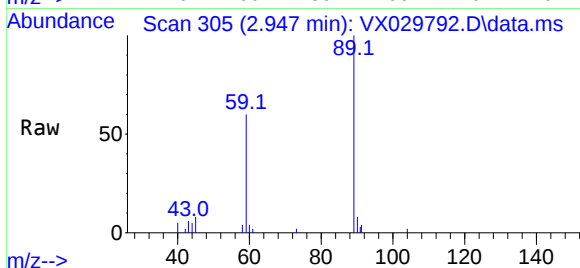
RE105D2-20220613

Tgt Ion: 59 Resp: 6364

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 0.260 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX029792.D

Acq: 25 Jun 2022 02:20

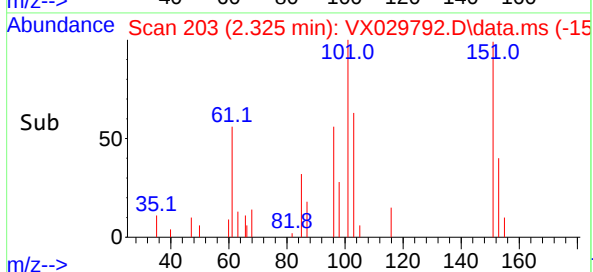
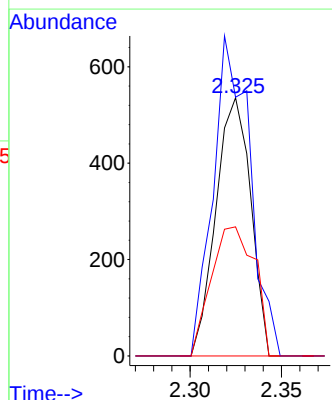
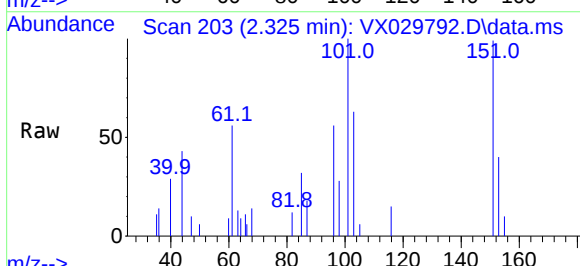
Tgt Ion: 96 Resp: 710

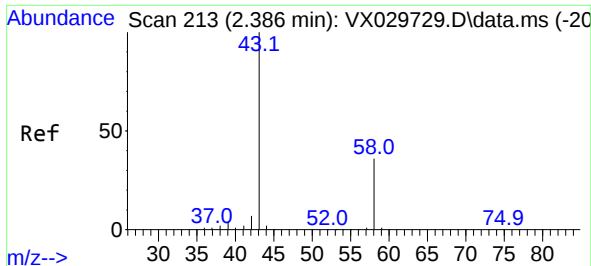
Ion Ratio Lower Upper

96 100

61 100.2 124.6 187.0#

98 50.0 51.0 76.4#

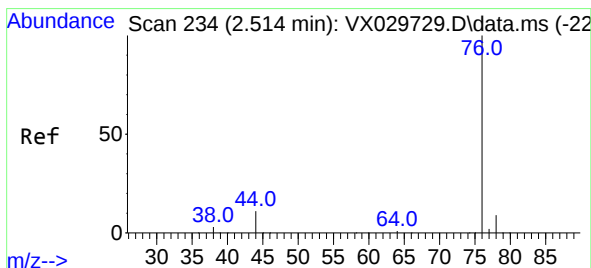
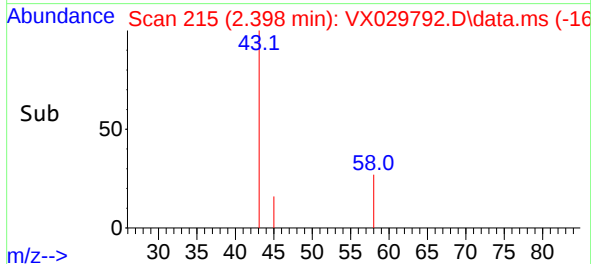
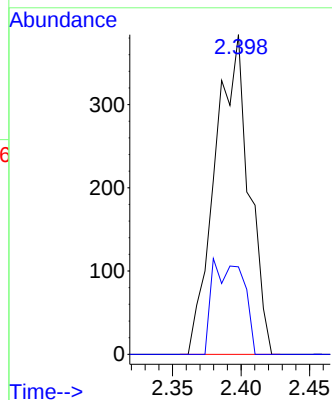
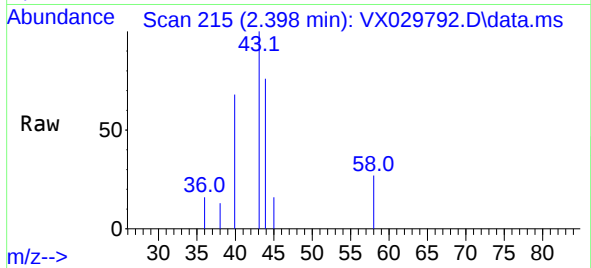




#16
Acetone
Concen: 0.465 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

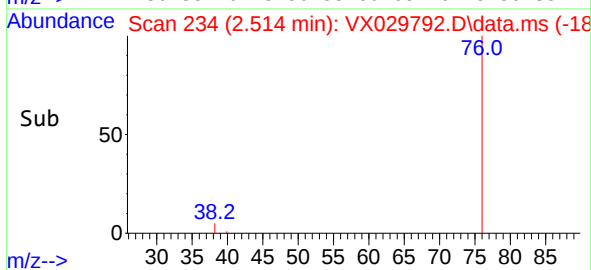
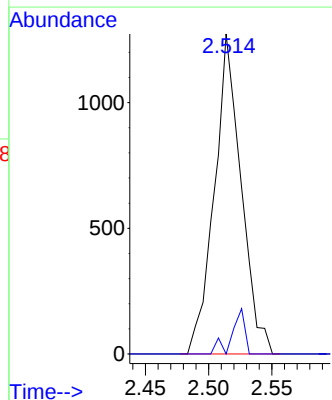
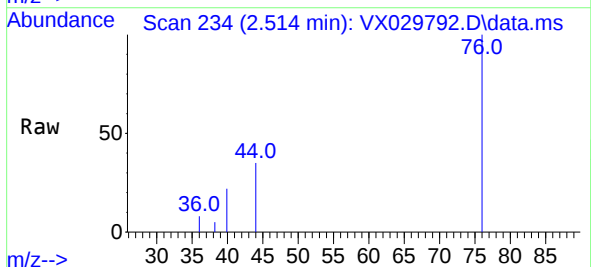
Instrument :
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ClientSampleId :
RE105D2-20220613

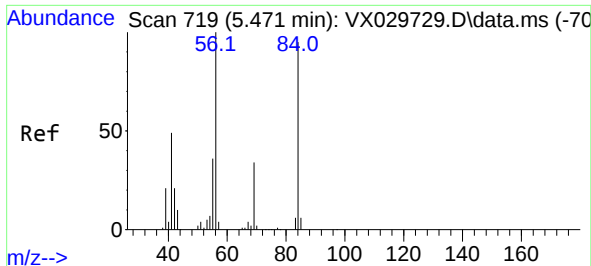
Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
58 27.3 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.264 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

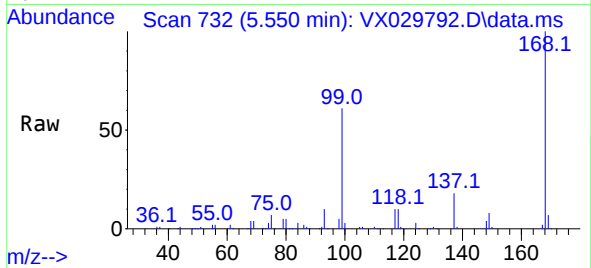
Tgt Ion: 76 Resp: 1873
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



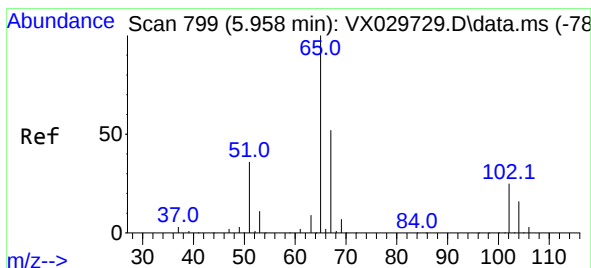
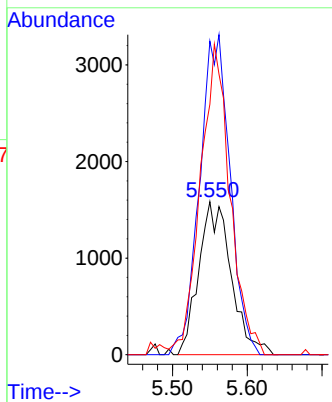
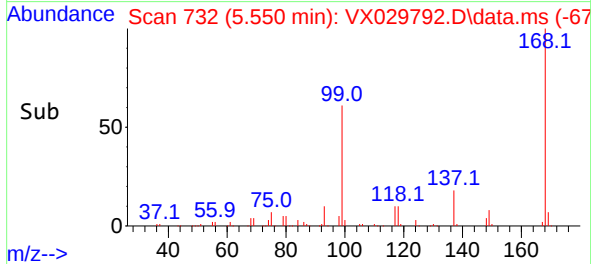


#31
Cyclohexane
Concen: 0.997 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20220613

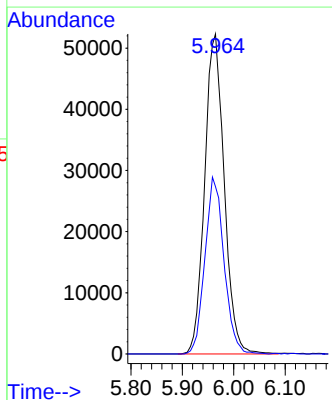
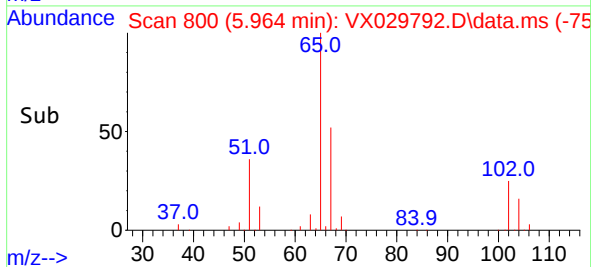
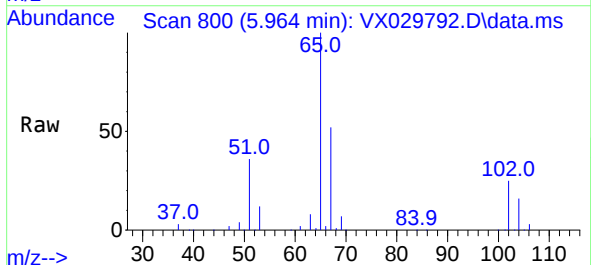


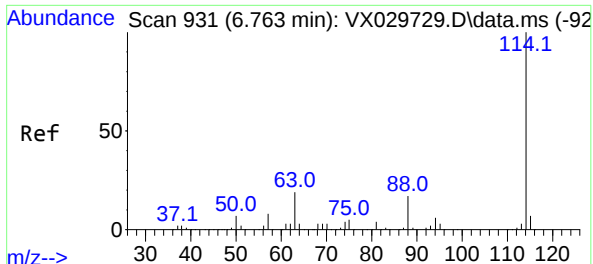
Tgt Ion: 56 Resp: 4778
Ion Ratio Lower Upper
56 100
69 204.9 26.7 40.1#
84 163.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 38.722 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

Tgt Ion: 65 Resp: 138237
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.4

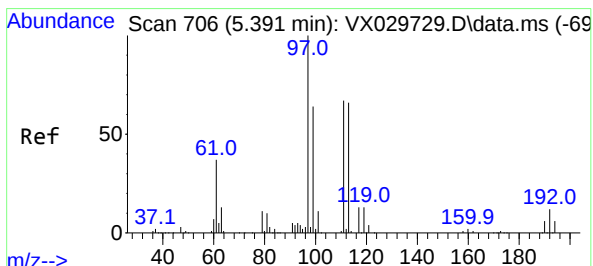
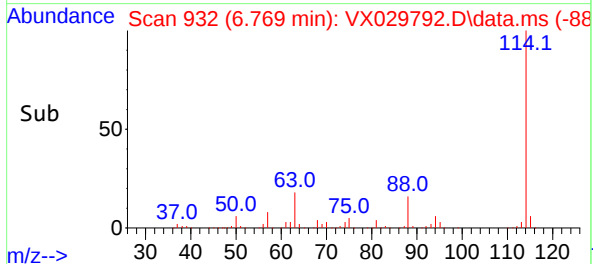
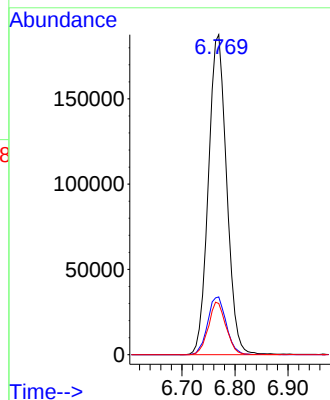
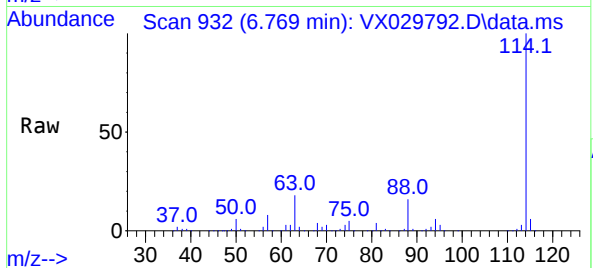




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

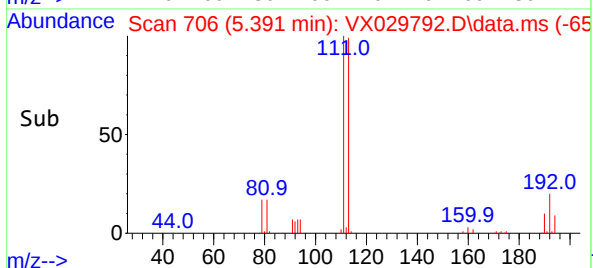
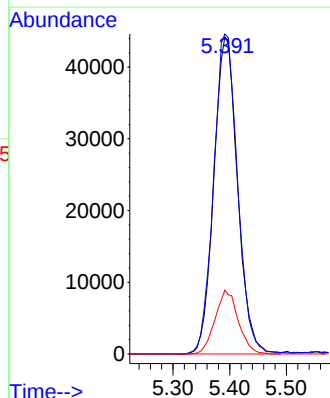
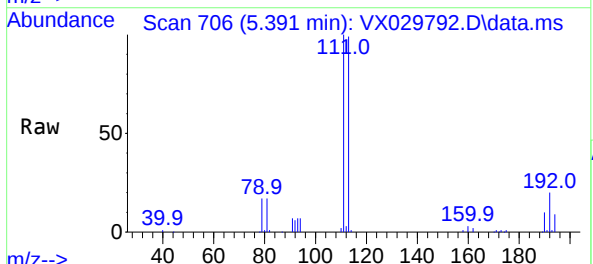
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20220613

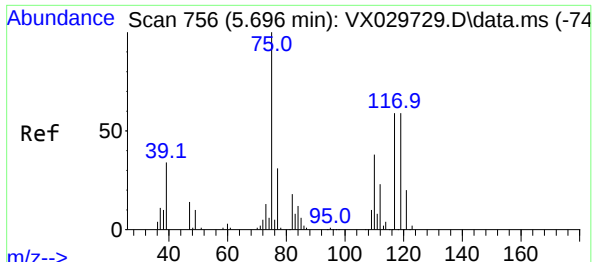
Tgt Ion:114 Resp: 448044
Ion Ratio Lower Upper
114 100
63 18.1 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 43.864 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

Tgt Ion:113 Resp: 128077
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 19.6 16.9 25.3

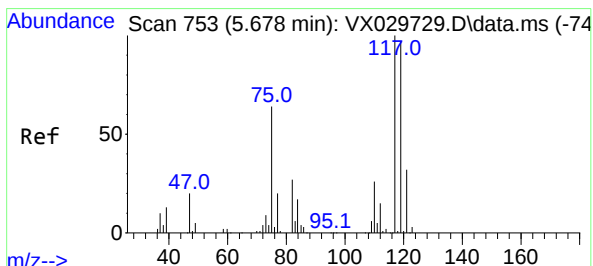
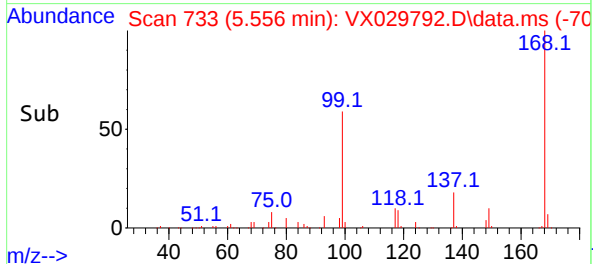
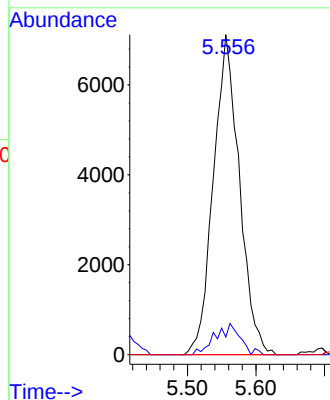
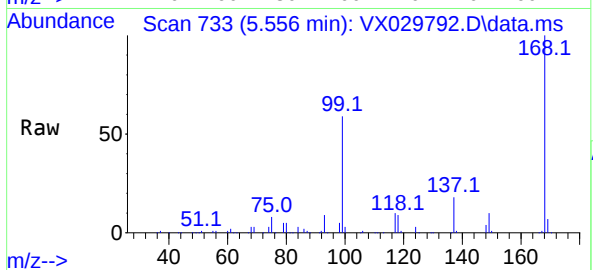




#36
1,1-Dichloropropene
Concen: 4.740 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

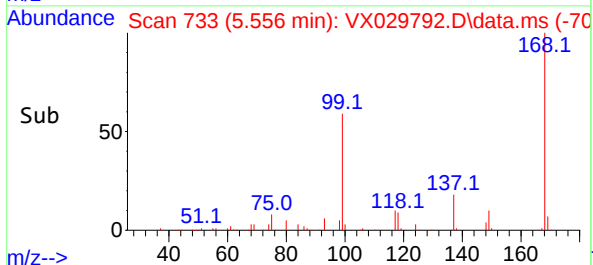
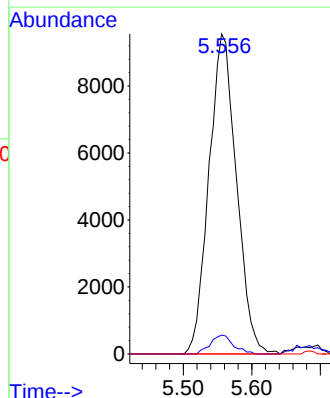
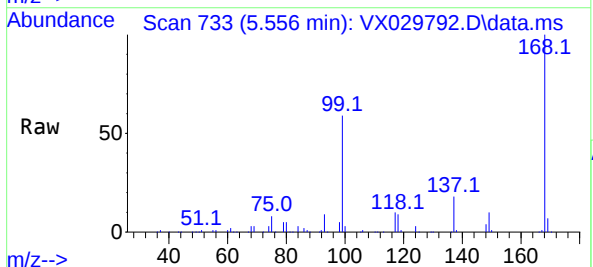
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20220613

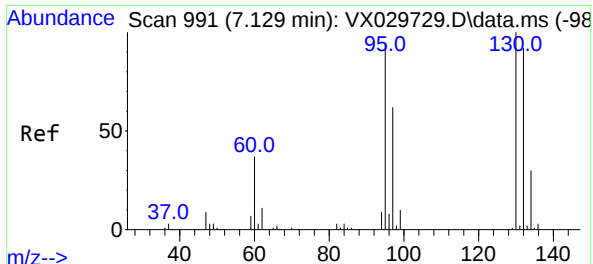
Tgt Ion: 75 Resp: 18732
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.849 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

Tgt Ion: 117 Resp: 26616
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 24.2 36.2#

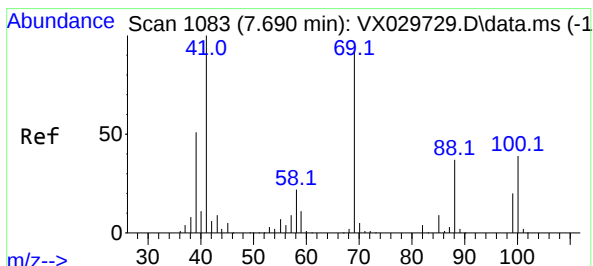
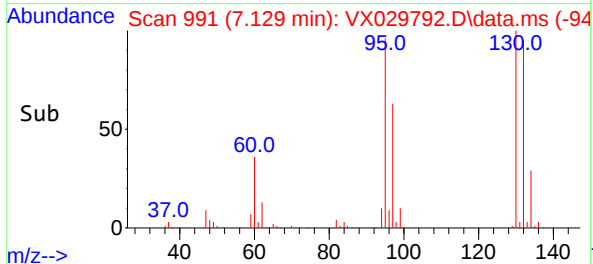
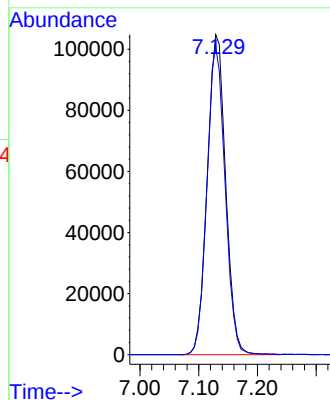
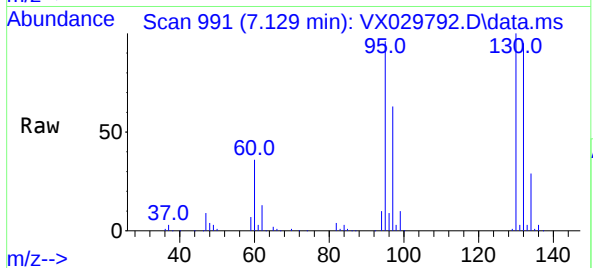




#44
Trichloroethene
Concen: 69.086 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

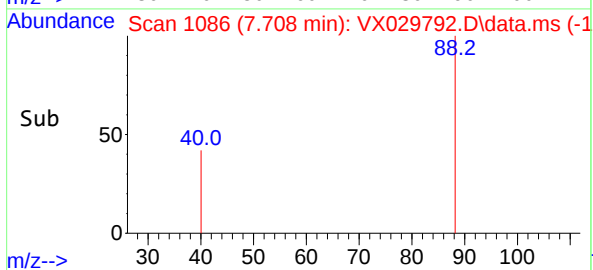
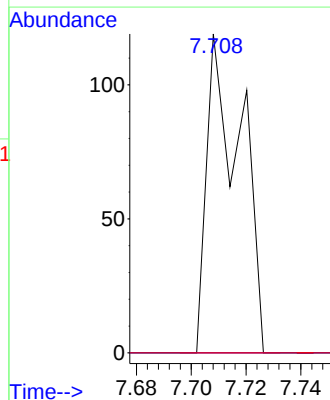
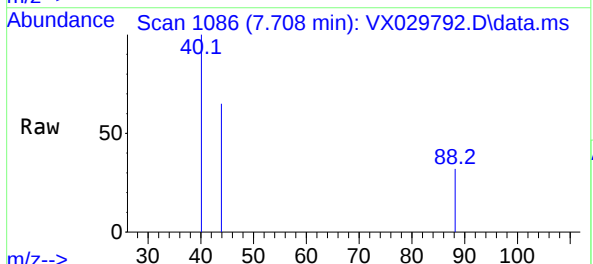
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20220613

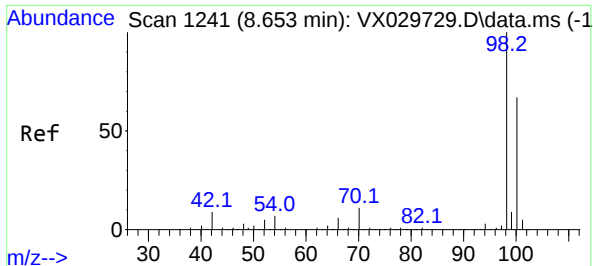
Tgt Ion:130 Resp: 227894
Ion Ratio Lower Upper
130 100
95 96.2 0.0 188.8



#49
1,4-Dioxane
Concen: 1.281 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.024 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

Tgt Ion: 88 Resp: 102
Ion Ratio Lower Upper
88 100
43 0.0 21.9 32.9#
58 0.0 53.7 80.5#

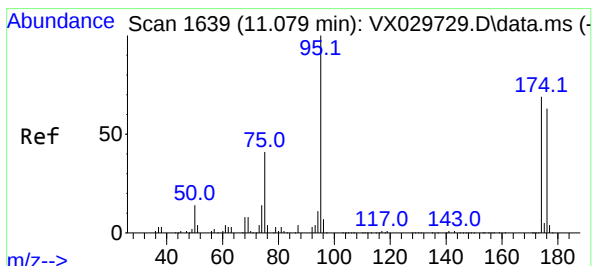
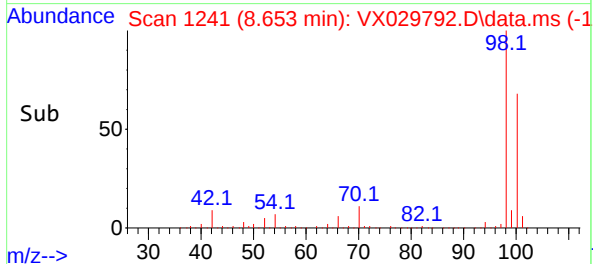
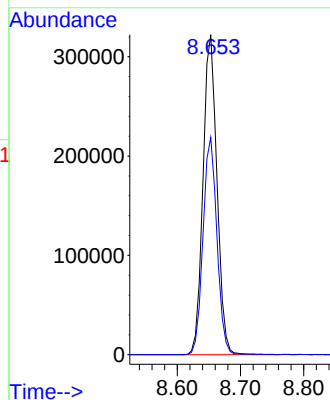
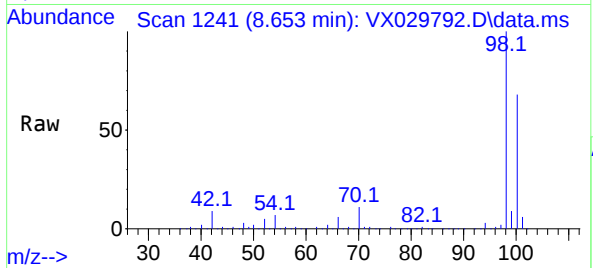




#50
Toluene-d8
Concen: 46.479 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

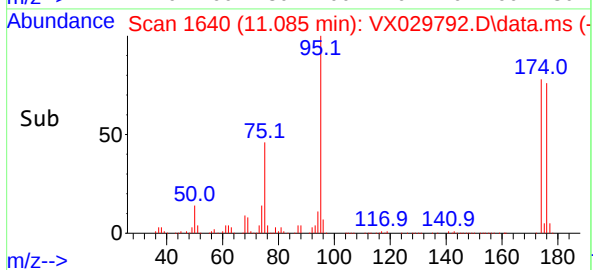
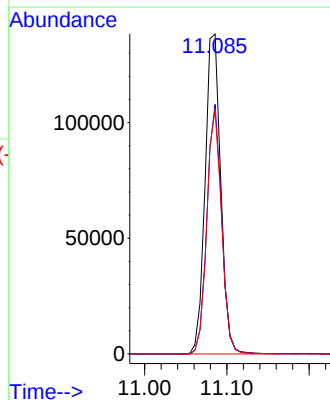
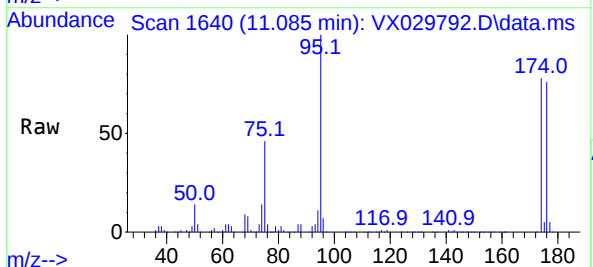
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20220613

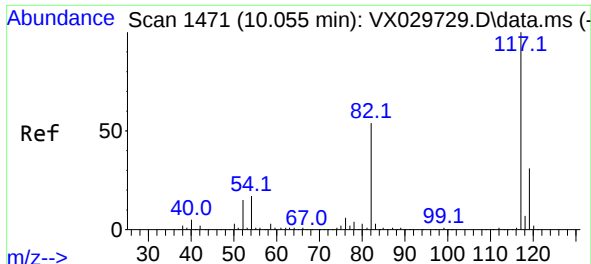
Tgt Ion: 98 Resp: 495778
Ion Ratio Lower Upper
98 100
100 67.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.403 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

Tgt Ion: 95 Resp: 182634
Ion Ratio Lower Upper
95 100
174 73.6 0.0 163.0
176 72.3 0.0 155.0

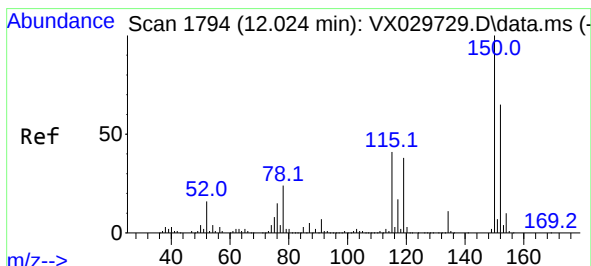
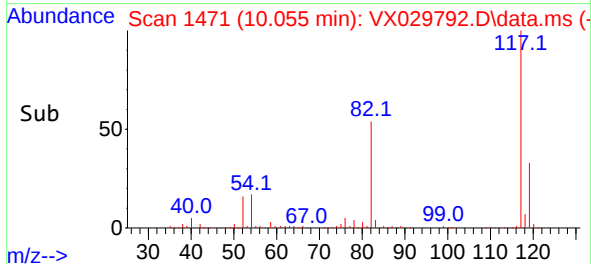
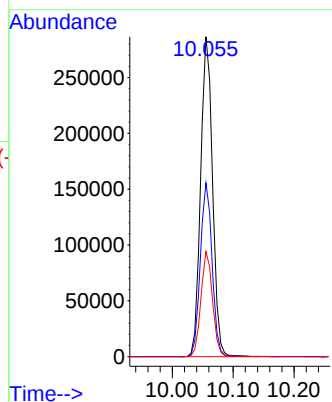
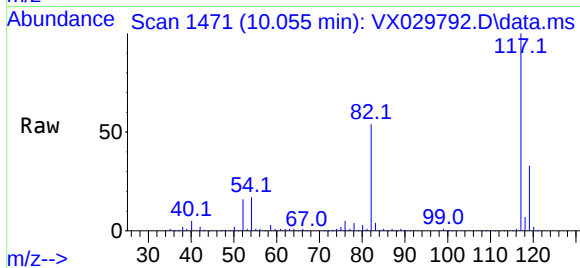




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

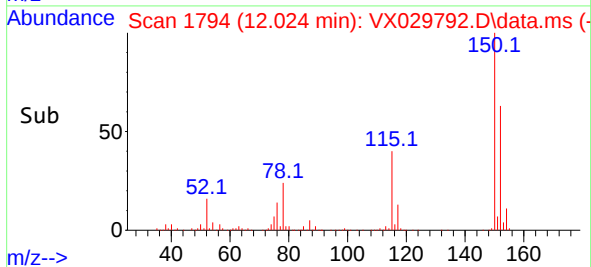
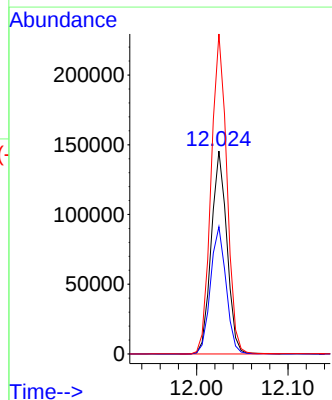
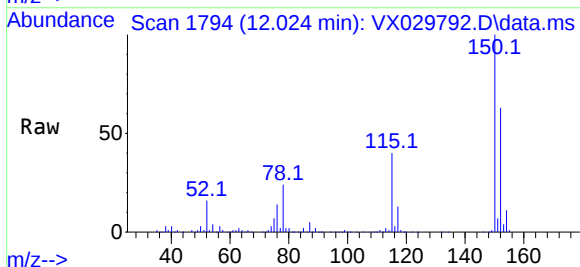
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20220613

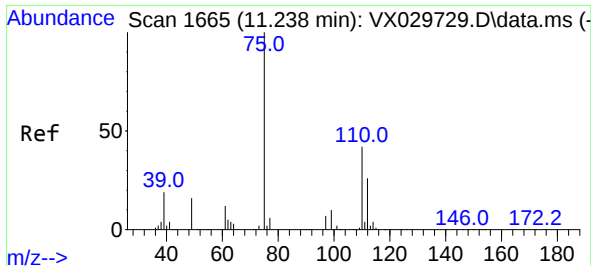
Tgt Ion:117 Resp: 389651
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.8
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

Tgt Ion:152 Resp: 172533
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 158.9 0.0 338.2

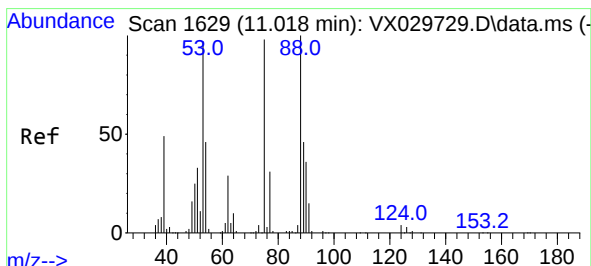
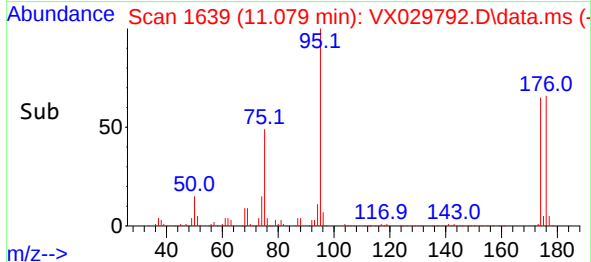
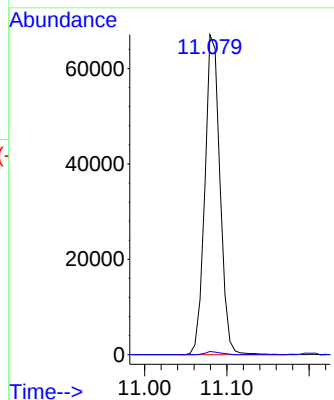
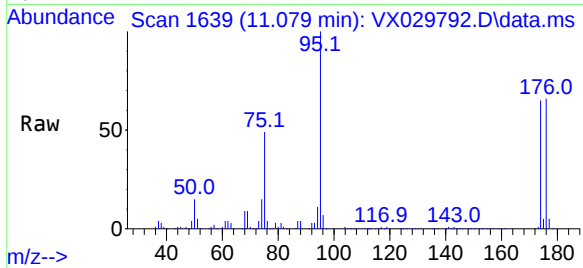




#76
1,2,3-Trichloropropane
Concen: 22.805 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

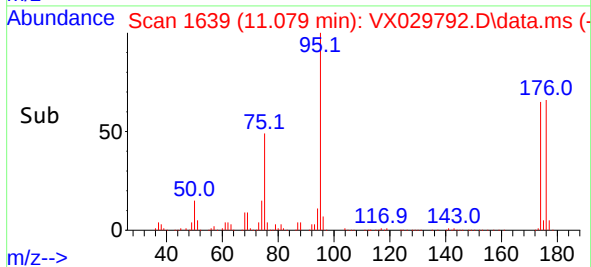
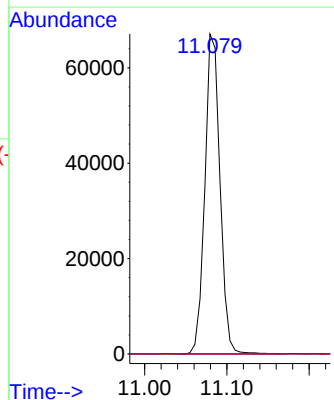
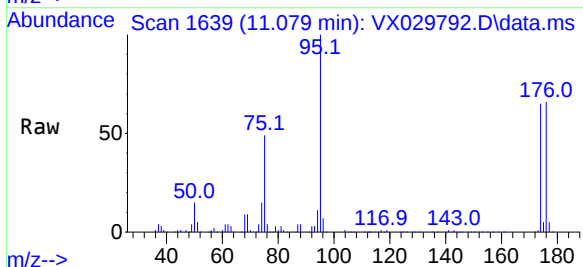
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20220613

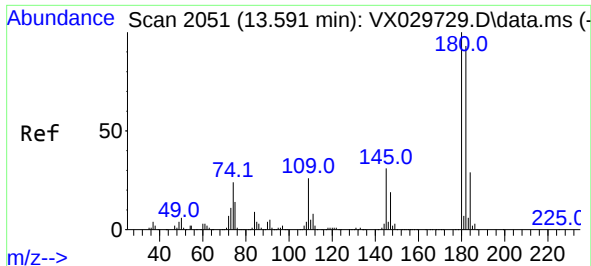
Tgt Ion: 75 Resp: 85715
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.866 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

Tgt Ion: 75 Resp: 85715
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

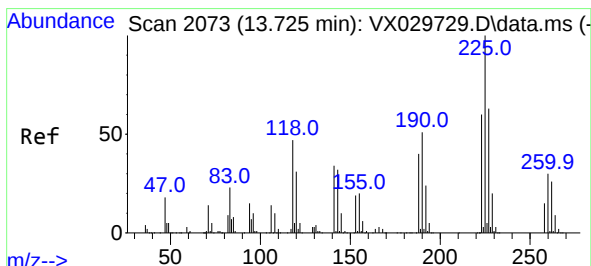
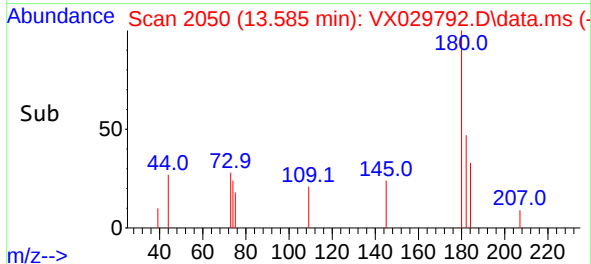
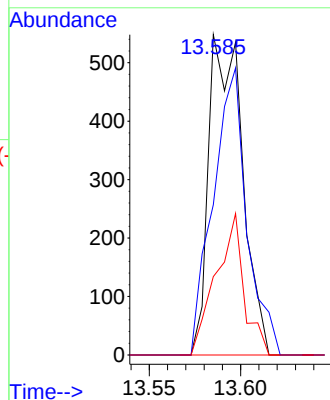
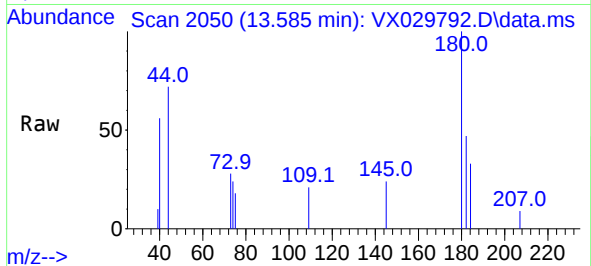




#93
1,2,4-Trichlorobenzene
Concen: 0.209 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

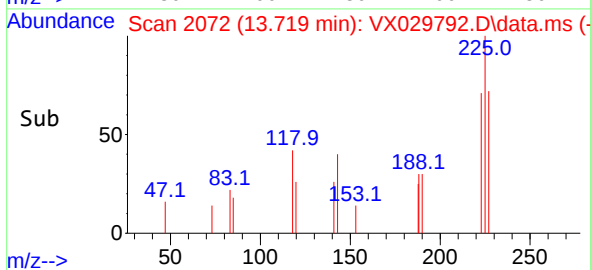
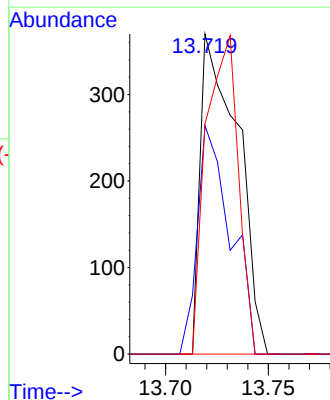
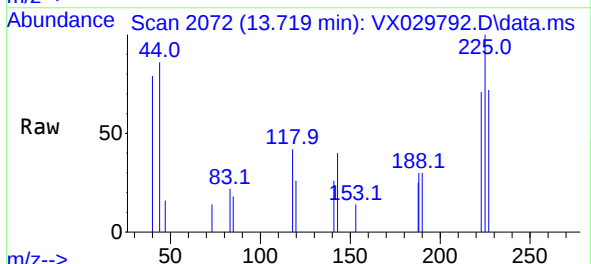
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20220613

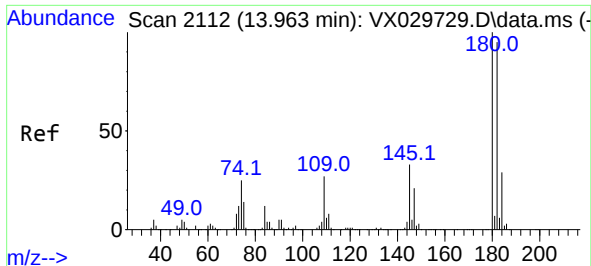
Tgt Ion:180	Resp:	704	
Ion	Ratio	Lower	Upper
180	100		
182	89.3	47.7	143.1
145	36.6	15.2	45.5



#94
Hexachlorobutadiene
Concen: 0.338 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX029792.D
Acq: 25 Jun 2022 02:20

Tgt Ion:225	Resp:	467	
Ion	Ratio	Lower	Upper
225	100		
223	63.6	34.2	102.5
227	85.4	33.9	101.7





#96

1,2,3-Trichlorobenzene

Concen: 0.225 ug/l

RT: 13.969 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX029792.D

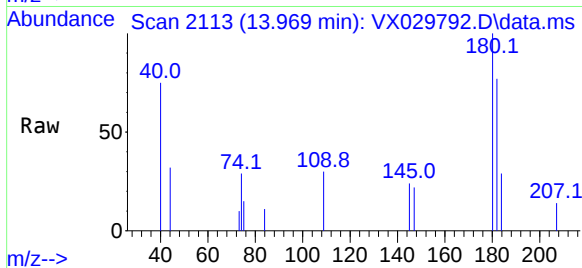
Acq: 25 Jun 2022 02:20

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20220613



Tgt Ion:180 Resp: 761

Ion Ratio Lower Upper

180 100

182 99.3 50.0 149.8

145 28.1 16.2 48.5

