

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032954.D
 Acq On : 21 Nov 2022 15:55
 Operator : JC/MD
 Sample : N5729-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20221117

Quant Time: Nov 22 05:12:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

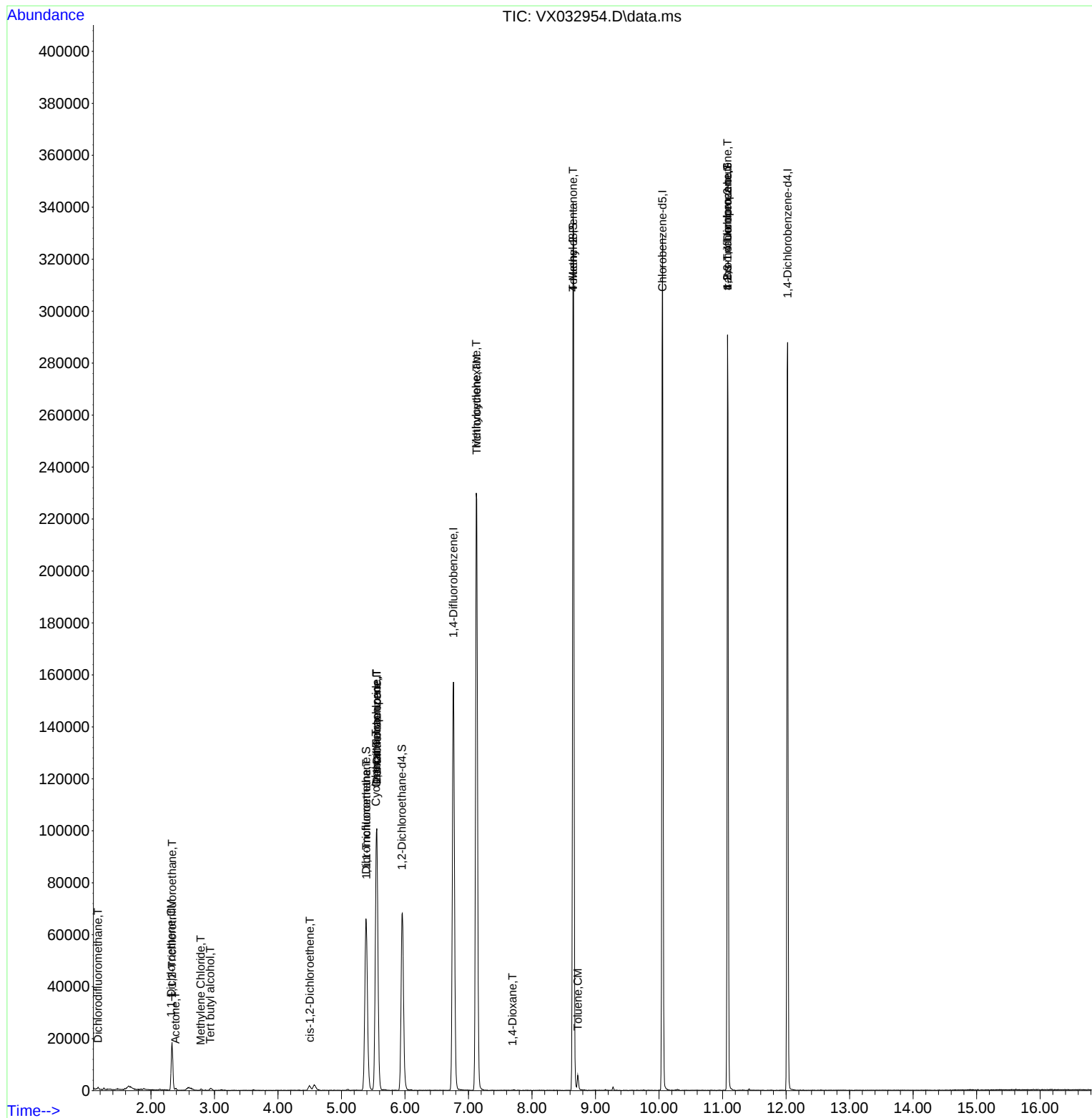
Internal Standards						
1) Pentafluorobenzene	5.556	168	97351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69590	51.446	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.900%
35) Dibromofluoromethane	5.385	113	56626	49.066	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.140%
50) Toluene-d8	8.647	98	201989	50.334	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.660%
62) 4-Bromofluorobenzene	11.079	95	72711	46.385	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	473	0.421	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	6367	6.092	ug/l	98
11) Tert butyl alcohol	2.934	59	676	3.434	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	871	0.892	ug/l #	70
16) Acetone	2.386	43	770	1.566	ug/l #	76
20) Methylene Chloride	2.782	84	285	0.253	ug/l #	72
27) cis-1,2-Dichloroethene	4.501	96	1322	1.076	ug/l	84
31) Cyclohexane	5.544	56	2195	1.338	ug/l #	43
32) 1,1,1-Trichloroethane	5.391	97	1040	0.545	ug/l #	49
36) 1,1-Dichloropropene	5.556	75	7378	4.591	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9907	5.558	ug/l #	15
39) Methylcyclohexane	7.123	83	1057	0.556	ug/l #	1
44) Trichloroethene	7.129	130	88826	69.382	ug/l	99
49) 1,4-Dioxane	7.690	88	27	1.068	ug/l #	26
51) 4-Methyl-2-Pentanone	8.647	43	783	0.484	ug/l #	1
52) Toluene	8.720	92	2105	0.709	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	39451	29.753	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39451	94.676	ug/l #	6

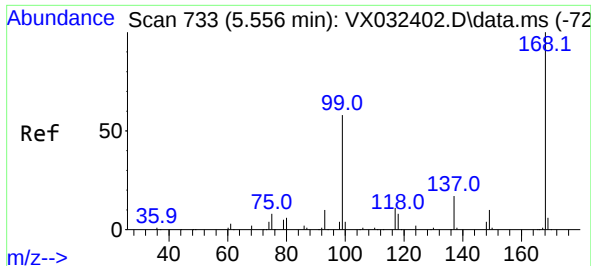
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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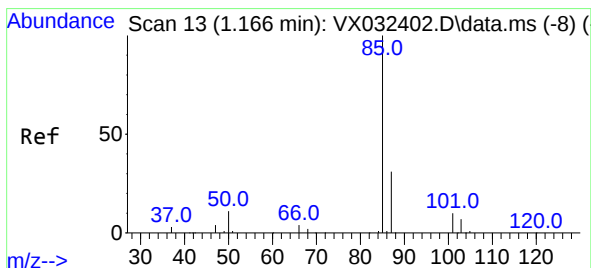
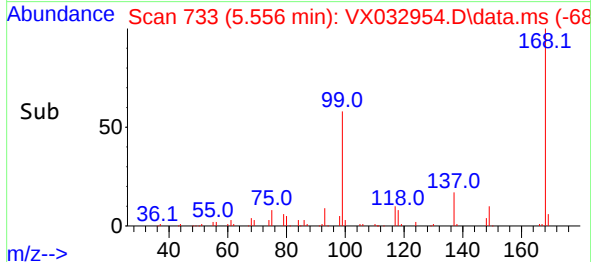
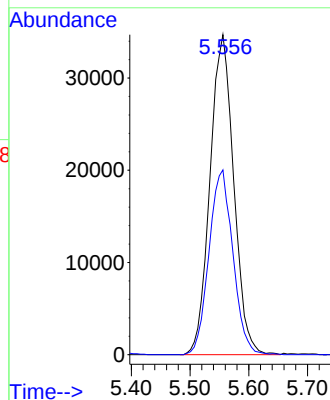
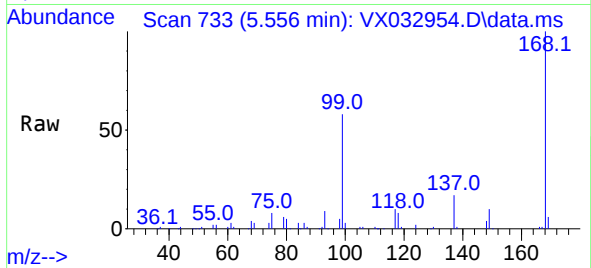




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

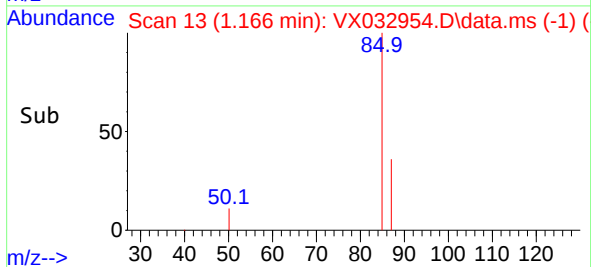
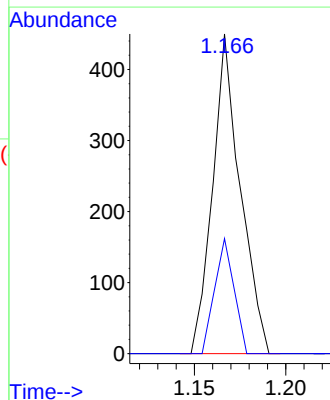
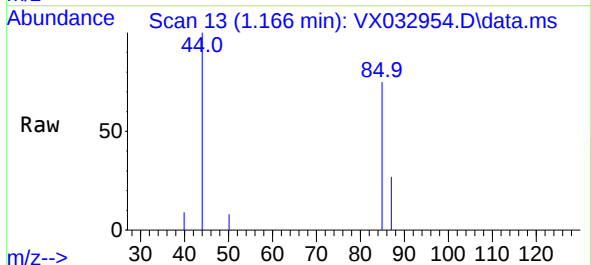
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20221117

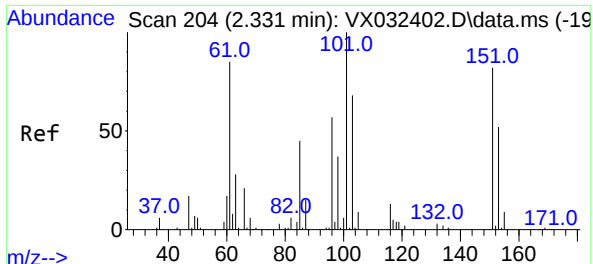
Tgt Ion:168 Resp: 97351
Ion Ratio Lower Upper
168 100
99 57.8 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 0.421 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Tgt Ion: 85 Resp: 473
Ion Ratio Lower Upper
85 100
87 36.0 15.6 46.7

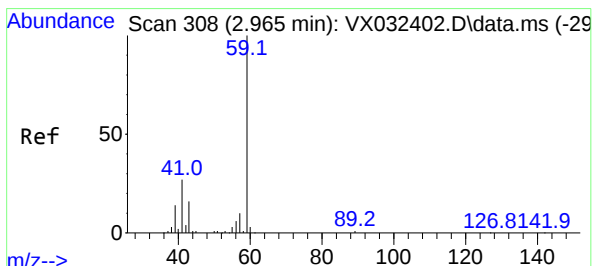
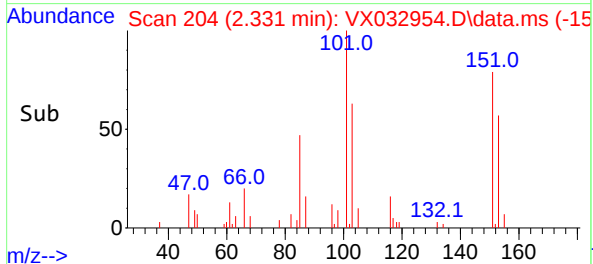
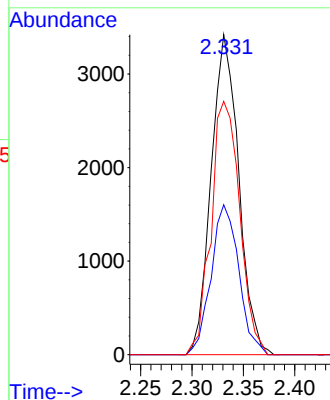
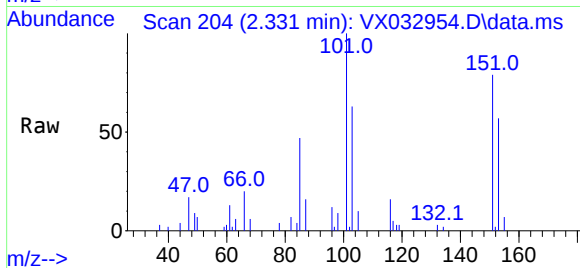




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.092 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

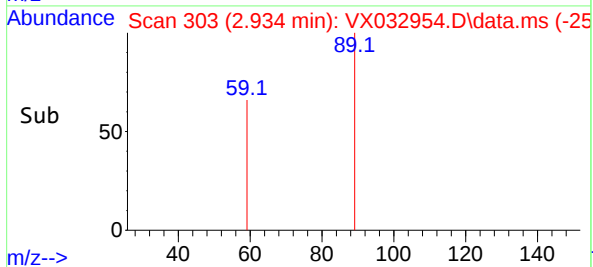
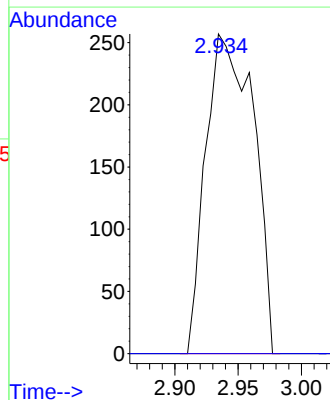
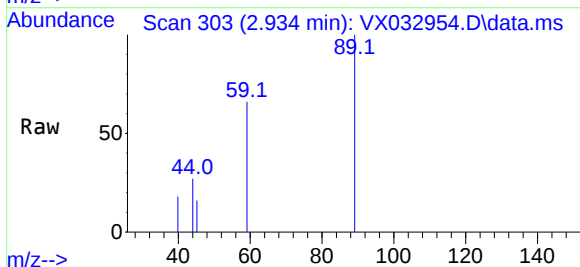
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20221117

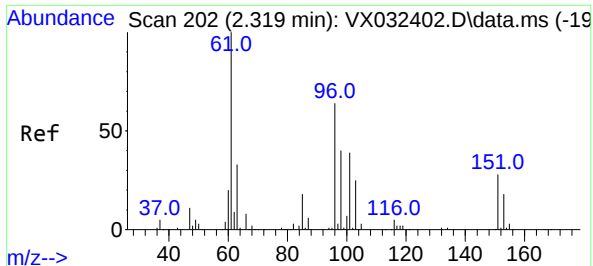
Tgt Ion:101 Resp: 6367
Ion Ratio Lower Upper
101 100
85 47.2 37.0 55.4
151 82.5 64.4 96.6



#11
Tert butyl alcohol
Concen: 3.434 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.030 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Tgt Ion: 59 Resp: 676
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

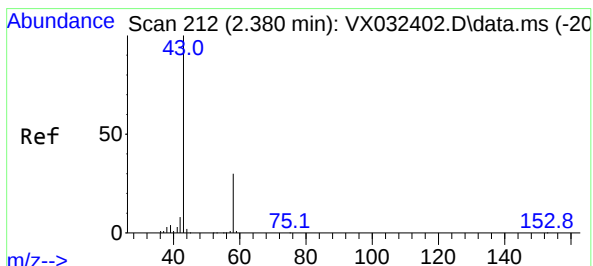
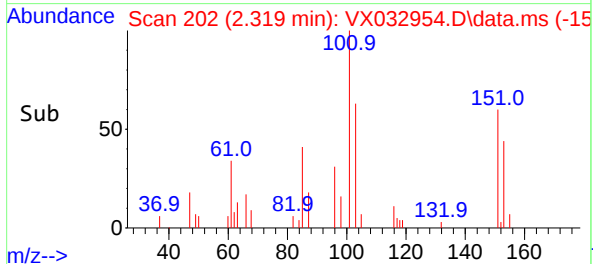
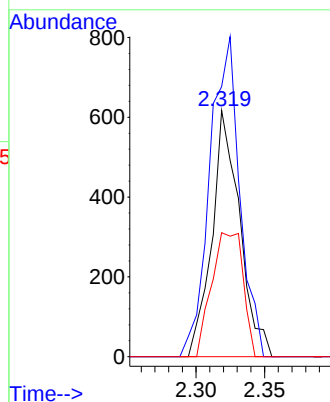
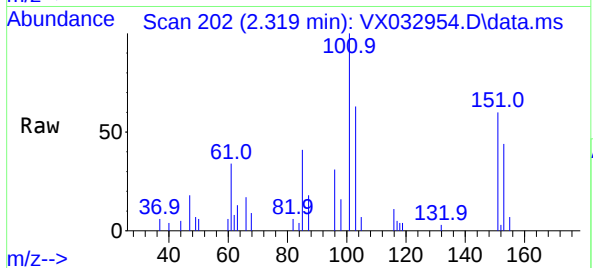




#12
1,1-Dichloroethene
Concen: 0.892 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

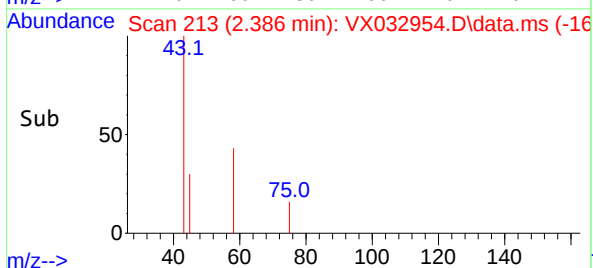
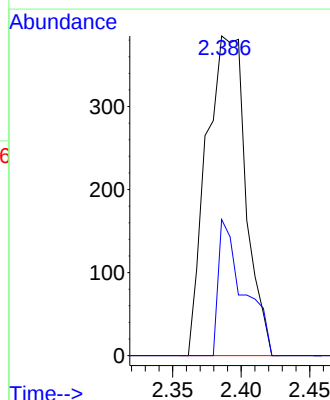
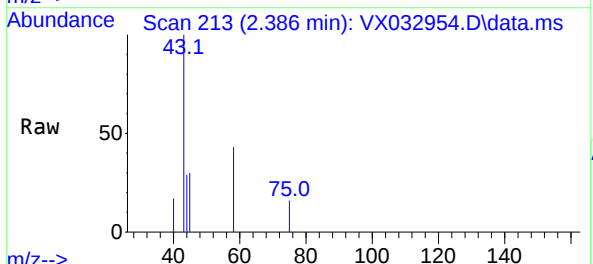
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20221117

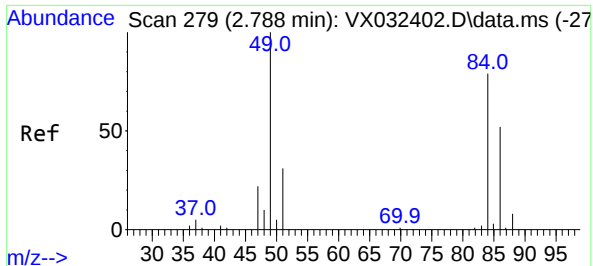
Tgt Ion: 96 Resp: 871
Ion Ratio Lower Upper
96 100
61 109.7 125.1 187.7#
98 50.4 50.6 76.0#



#16
Acetone
Concen: 1.566 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
58 42.6 23.8 35.8#



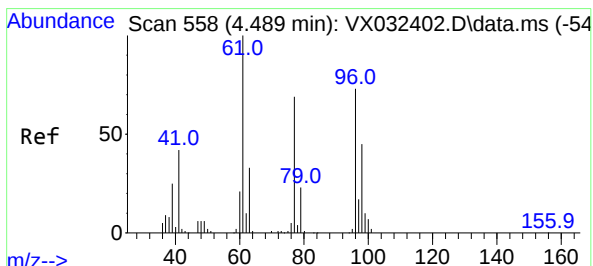
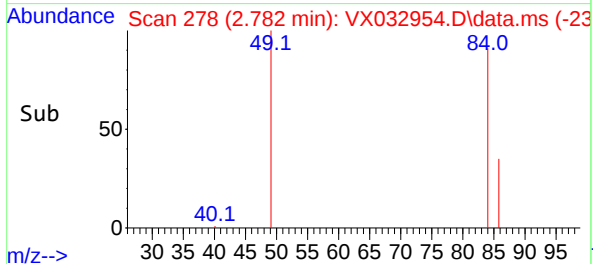
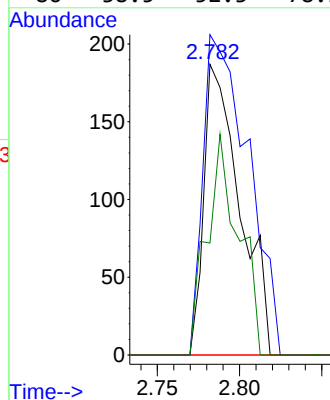
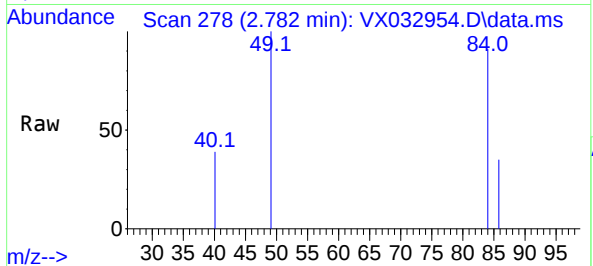


#20
Methylene Chloride
Concen: 0.253 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20221117

Tgt Ion: 84 Resp: 285

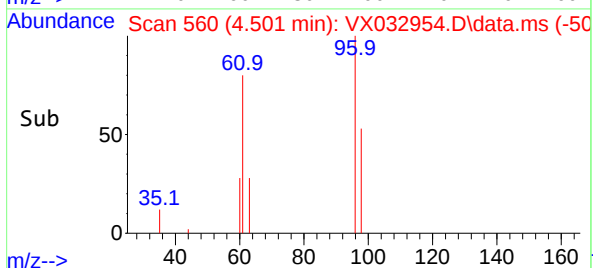
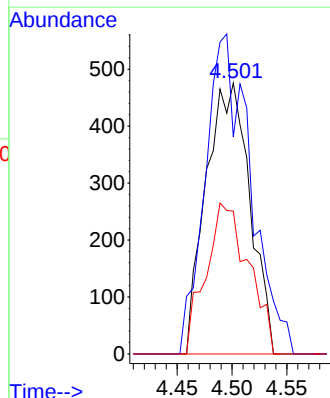
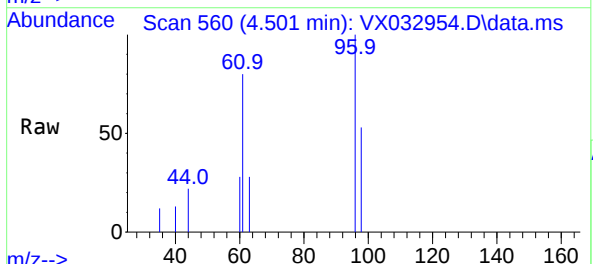
Ion	Ratio	Lower	Upper
84	100		
49	110.2	101.0	151.6
51	0.0	31.1	46.7#
86	38.5	52.3	78.5#

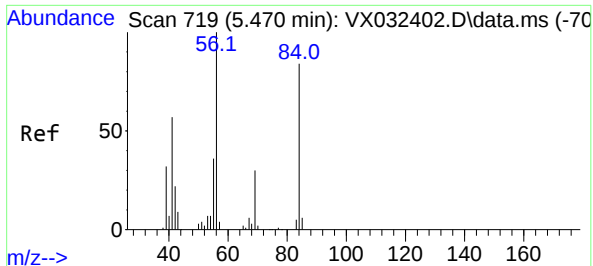


#27
cis-1,2-Dichloroethene
Concen: 1.076 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Tgt Ion: 96 Resp: 1322

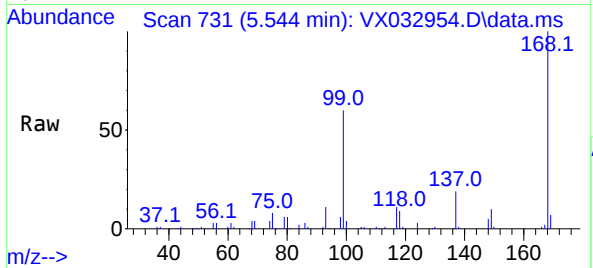
Ion	Ratio	Lower	Upper
96	100		
61	121.9	0.0	286.0
98	54.2	0.0	129.6



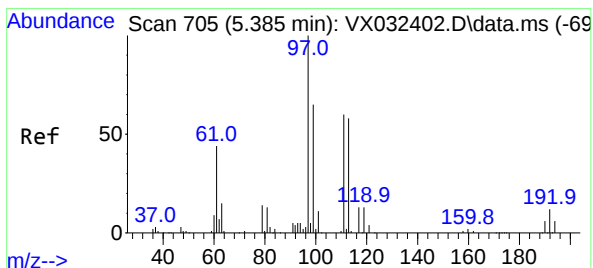
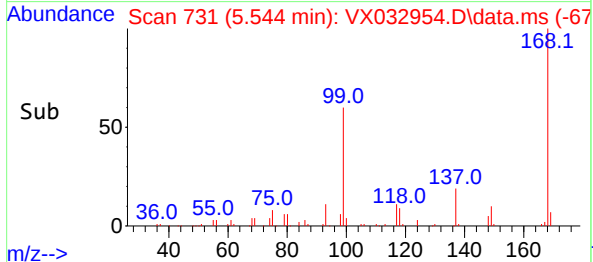
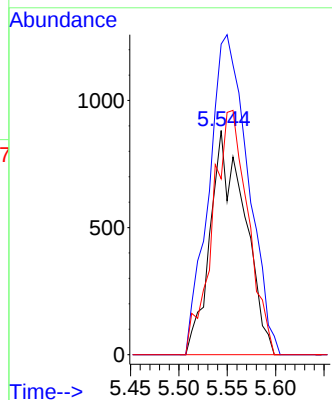


#31
Cyclohexane
Concen: 1.338 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Instrument :
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ClientSampleId :
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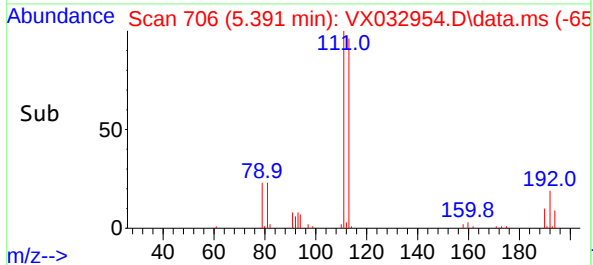
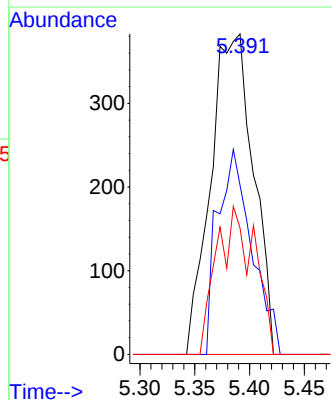
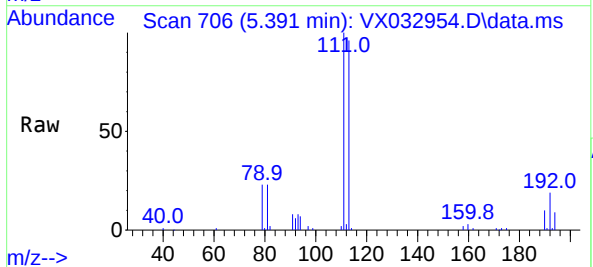


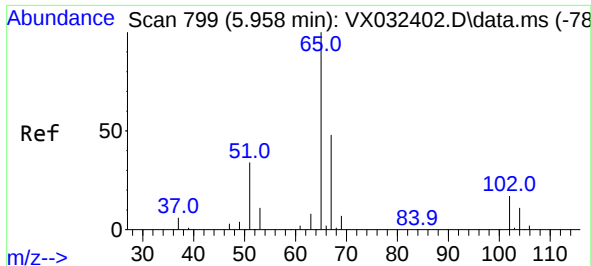
Tgt Ion: 56 Resp: 2195
Ion Ratio Lower Upper
56 100
69 138.5 24.1 36.1#
84 78.5 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 0.545 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Tgt Ion: 97 Resp: 1040
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 41.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.446 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032954.D

Acq: 21 Nov 2022 15:55

Instrument :

MSVOA_X

ClientSampleId :

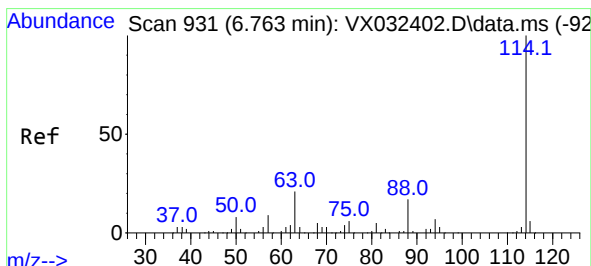
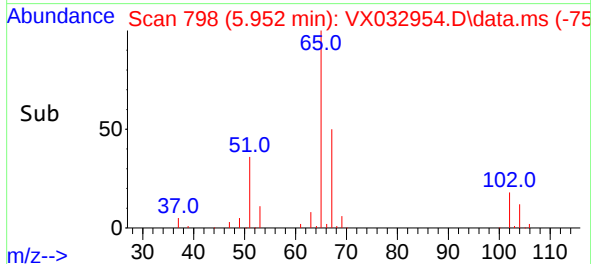
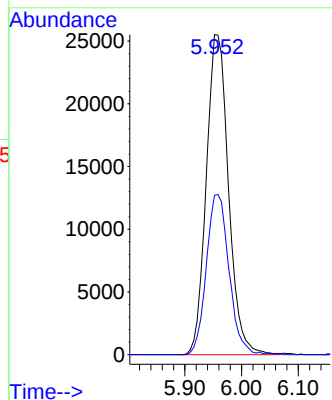
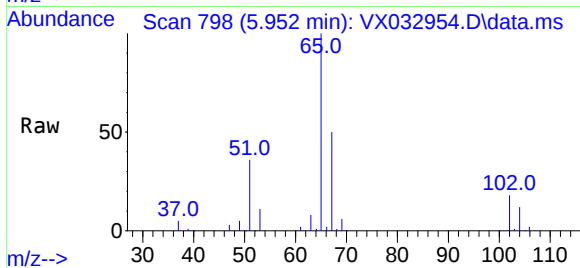
RE105D1-20221117

Tgt Ion: 65 Resp: 69590

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032954.D

Acq: 21 Nov 2022 15:55

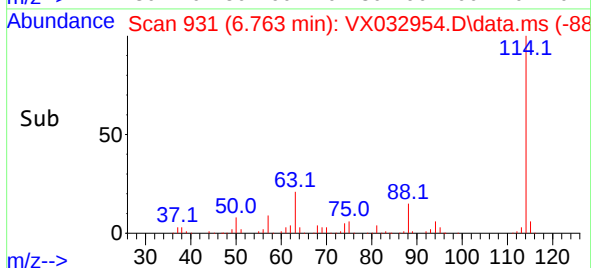
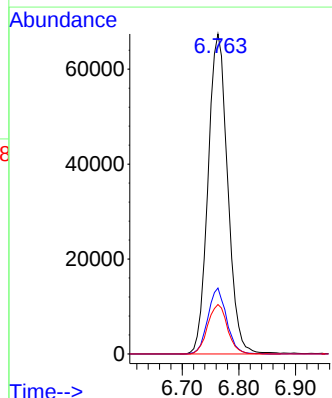
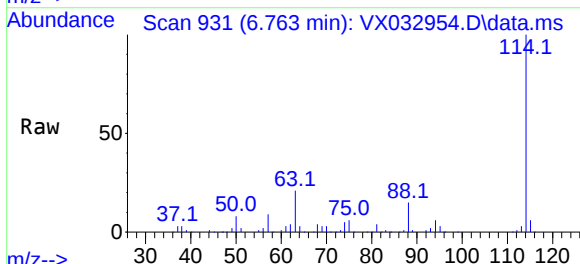
Tgt Ion: 114 Resp: 161791

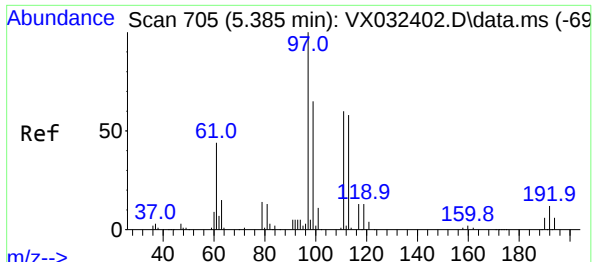
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.066 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032954.D

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Instrument :

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ClientSampleId :

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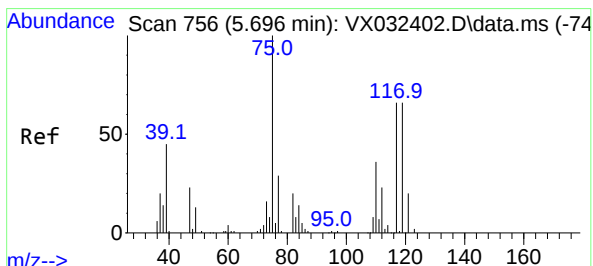
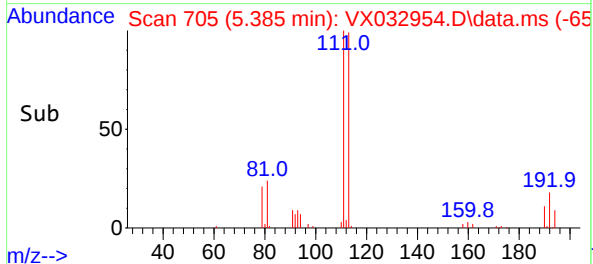
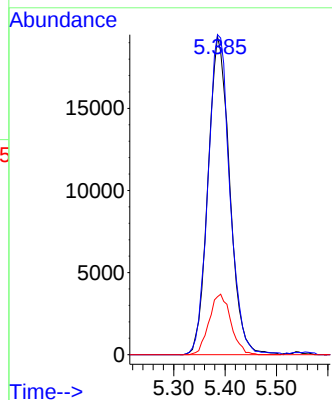
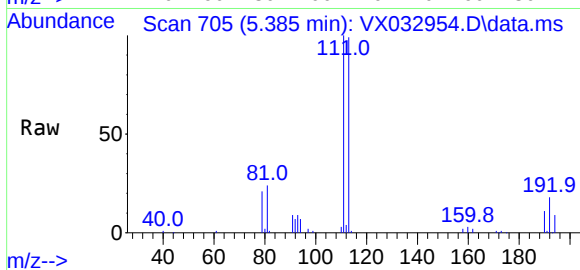
Tgt Ion:113 Resp: 56626

Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

192 19.1 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.591 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX032954.D

Acq: 21 Nov 2022 15:55

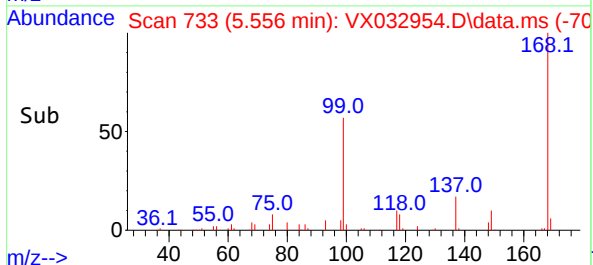
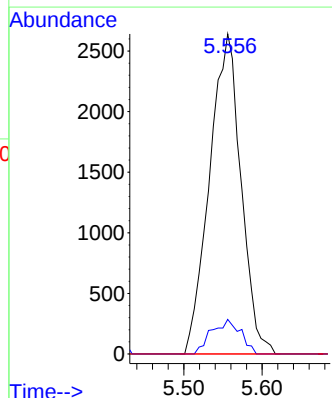
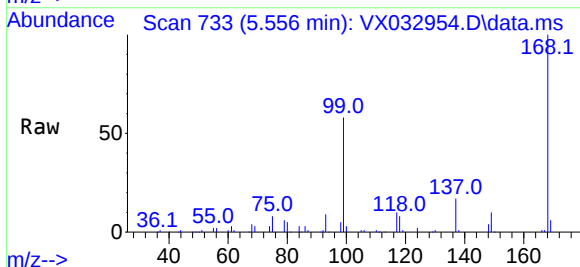
Tgt Ion: 75 Resp: 7378

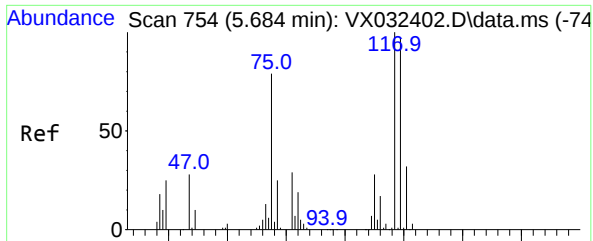
Ion Ratio Lower Upper

75 100

110 9.9 18.4 55.2#

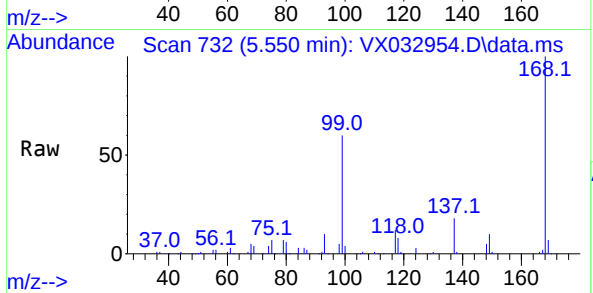
77 0.0 24.5 36.7#



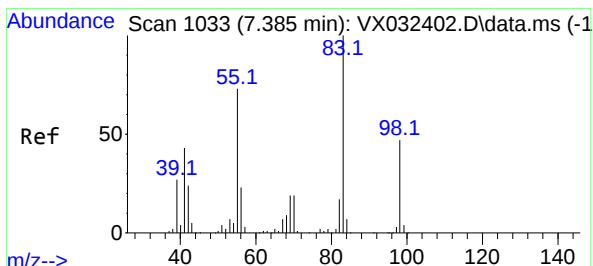
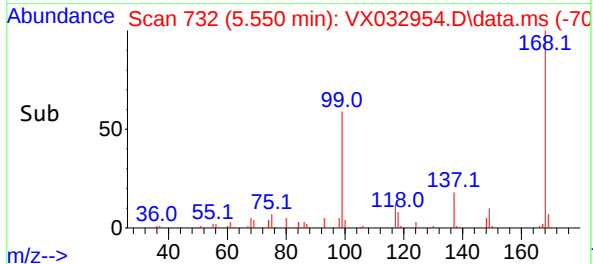
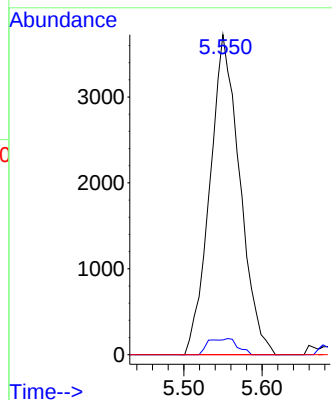


#38
Carbon Tetrachloride
Concen: 5.558 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20221117

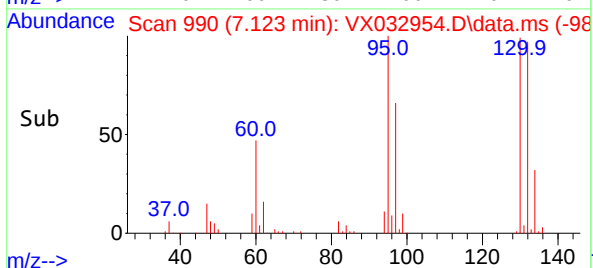
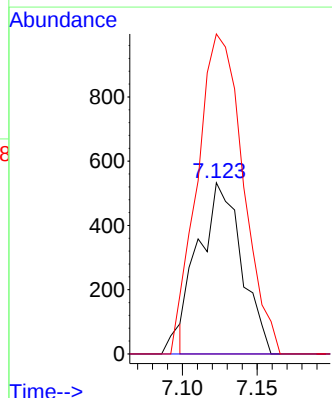
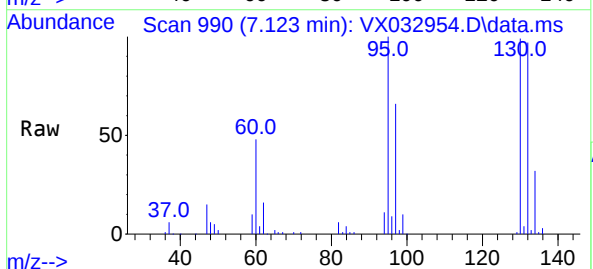


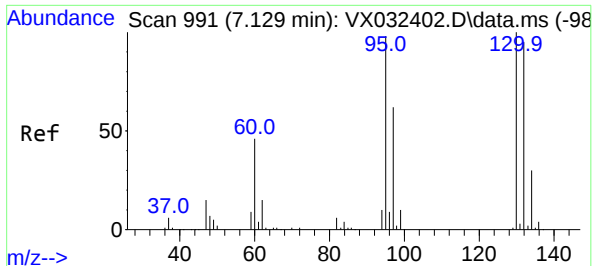
Tgt Ion:117 Resp: 9907
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 0.556 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Tgt Ion: 83 Resp: 1057
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 186.9 37.2 55.8#

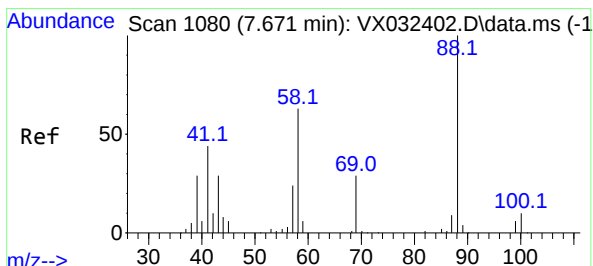
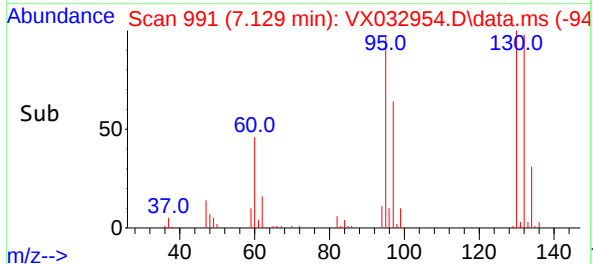
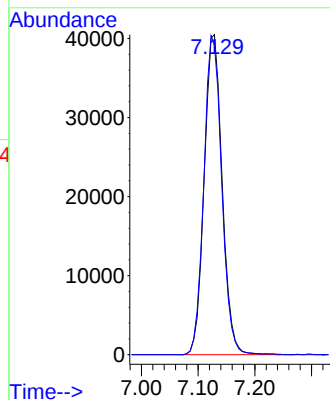
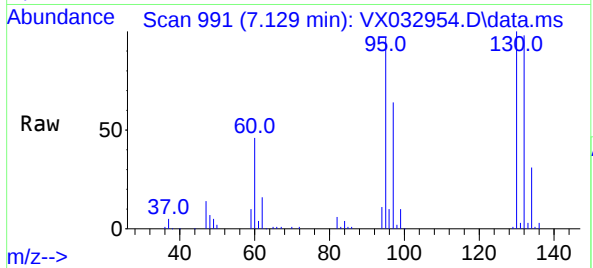




#44
Trichloroethene
Concen: 69.382 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

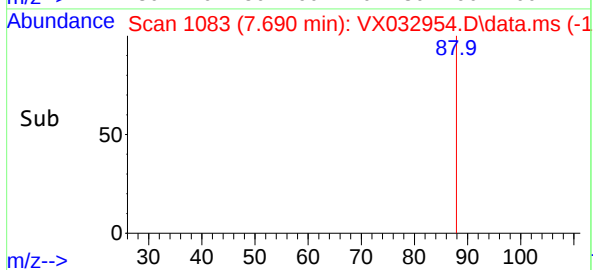
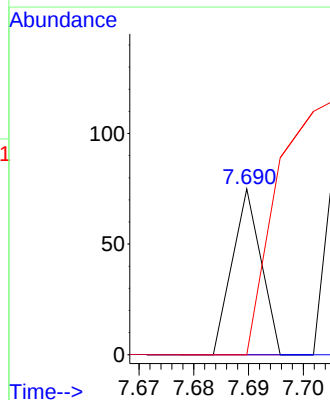
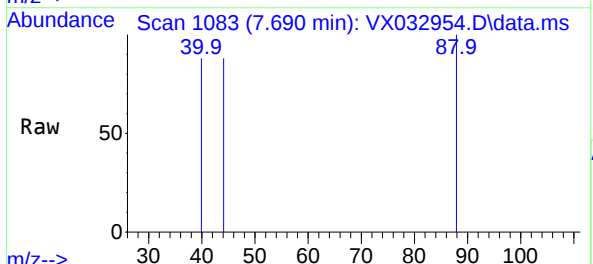
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20221117

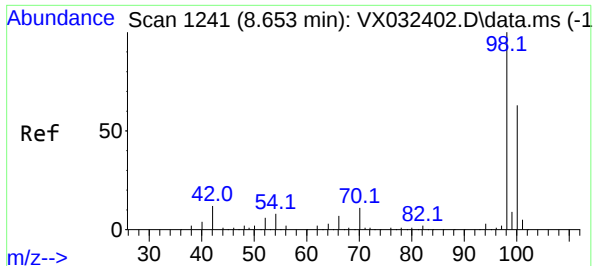
Tgt Ion:130 Resp: 88826
Ion Ratio Lower Upper
130 100
95 96.7 0.0 195.2



#49
1,4-Dioxane
Concen: 1.068 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.018 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8#
58 0.0 51.7 77.5#

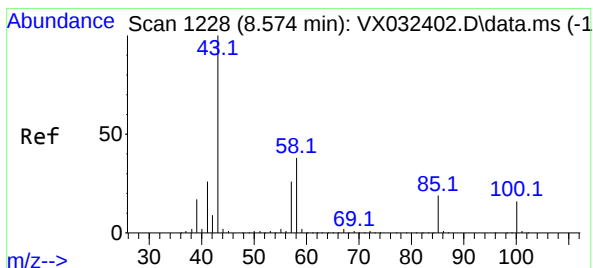
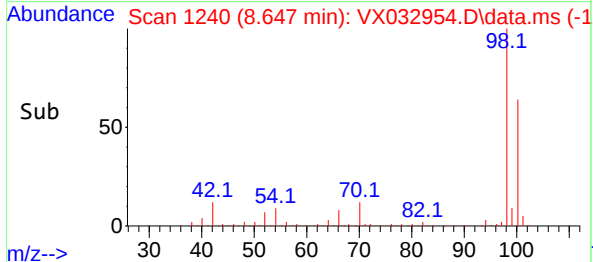
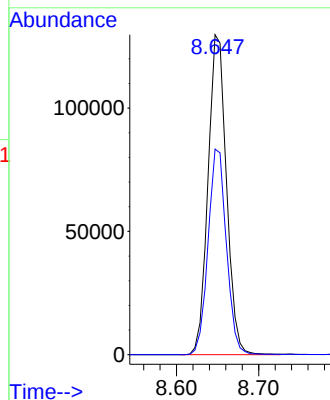
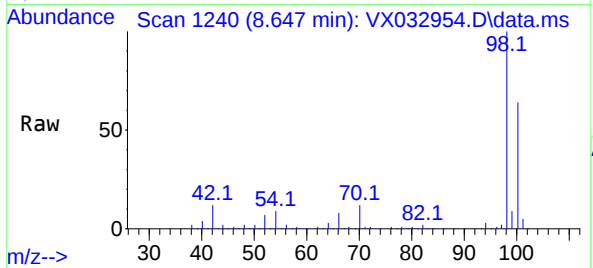




#50
Toluene-d8
Concen: 50.334 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

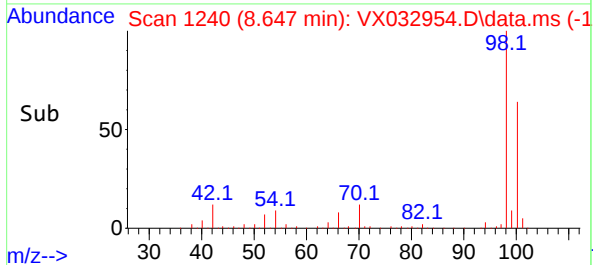
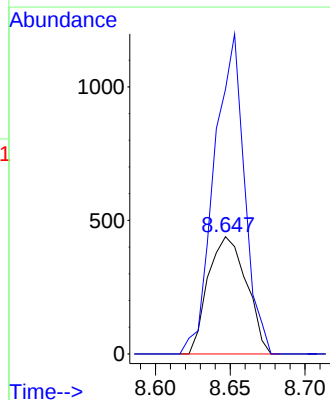
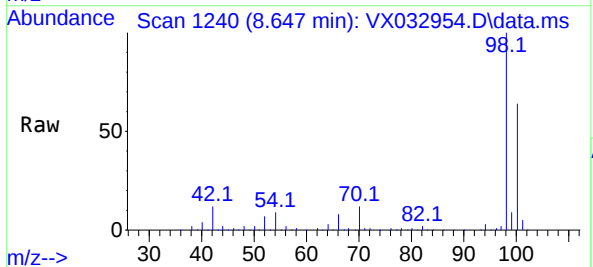
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20221117

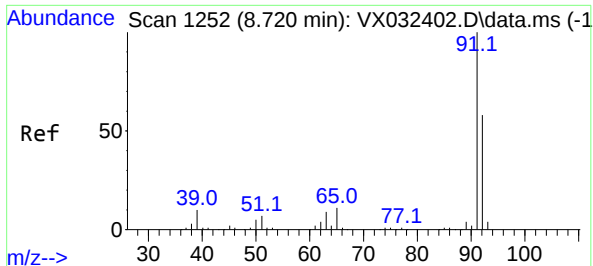
Tgt Ion: 98 Resp: 201989
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.484 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
58 215.6 30.9 46.3#

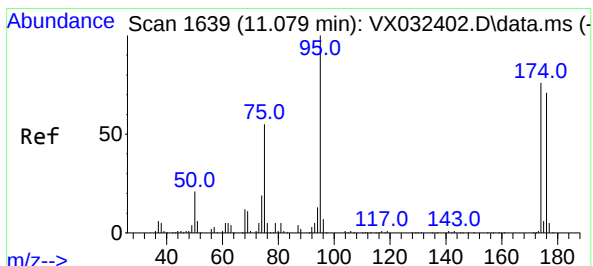
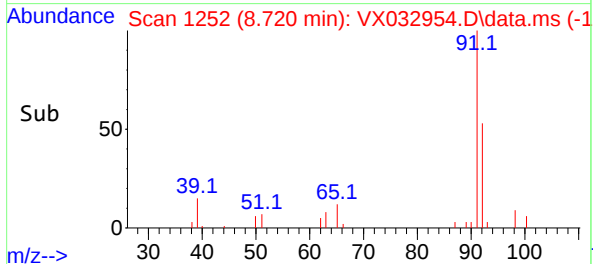
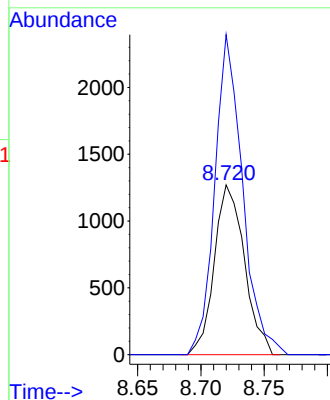
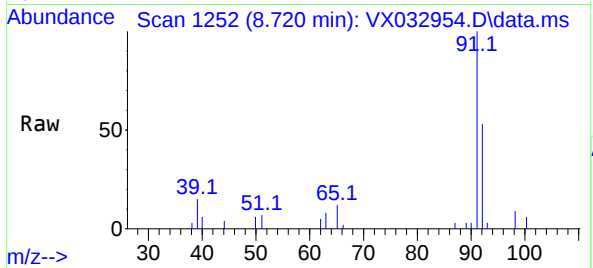




#52
Toluene
Concen: 0.709 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

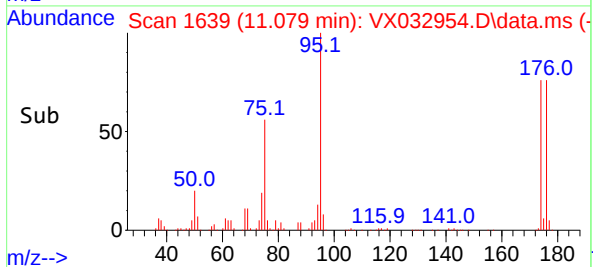
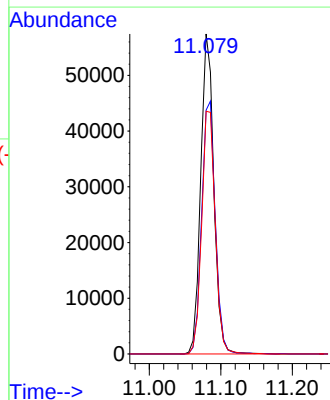
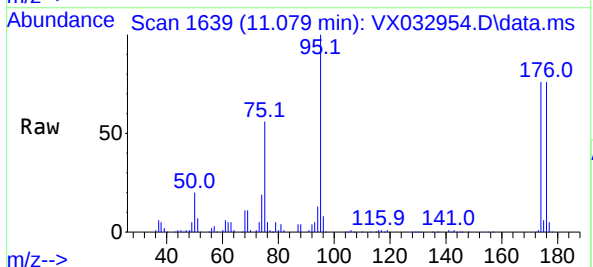
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20221117

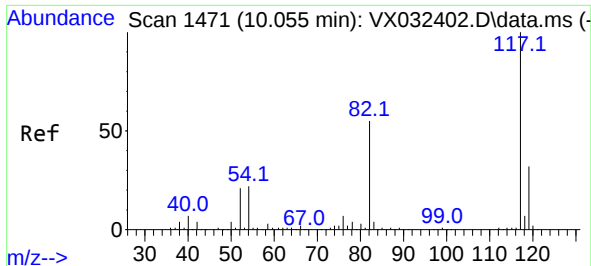
Tgt Ion: 92 Resp: 2105
Ion Ratio Lower Upper
92 100
91 173.6 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 46.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Tgt Ion: 95 Resp: 72711
Ion Ratio Lower Upper
95 100
174 82.4 0.0 164.0
176 79.2 0.0 154.4

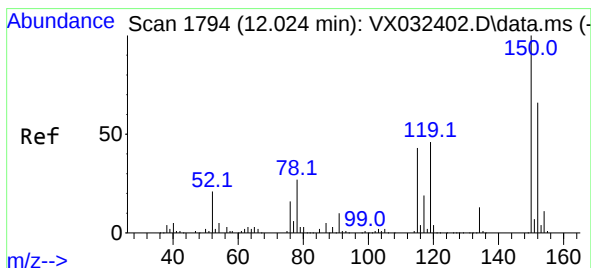
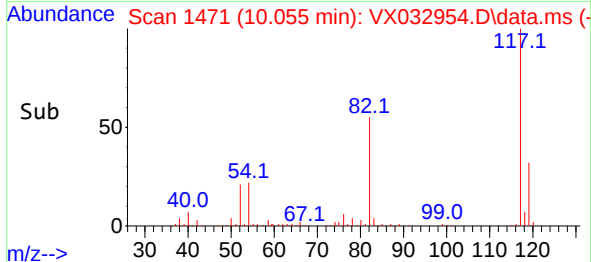
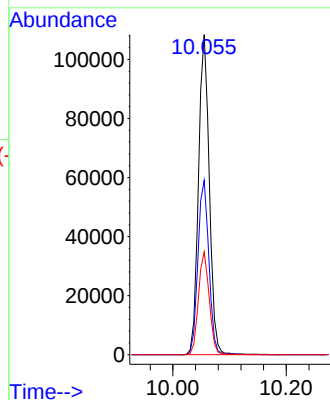
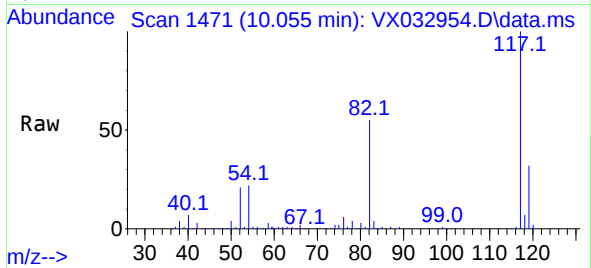




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

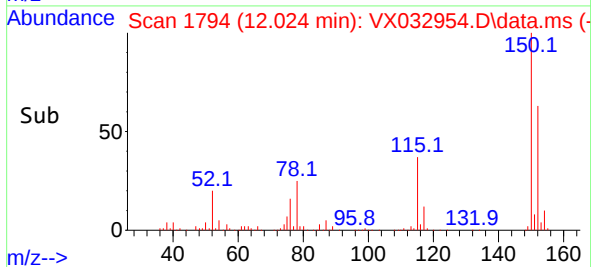
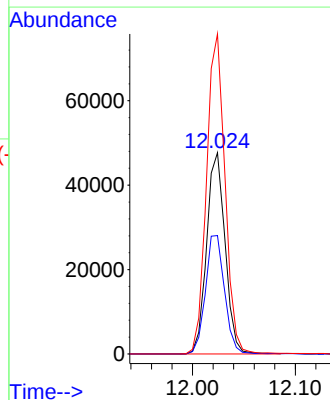
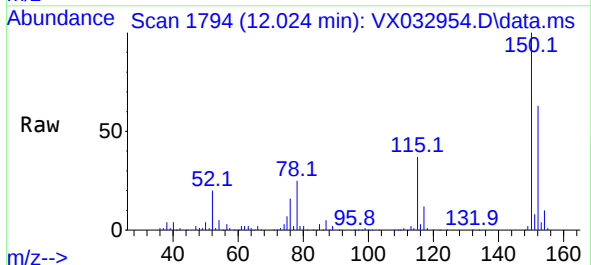
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20221117

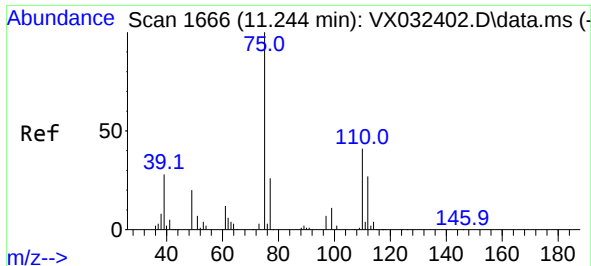
Tgt Ion:117 Resp: 143198
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Tgt Ion:152 Resp: 59599
Ion Ratio Lower Upper
152 100
115 61.0 44.0 132.0
150 159.3 0.0 351.8

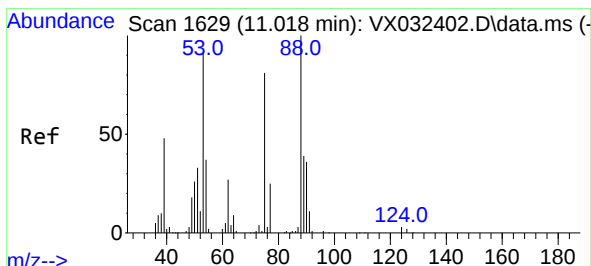
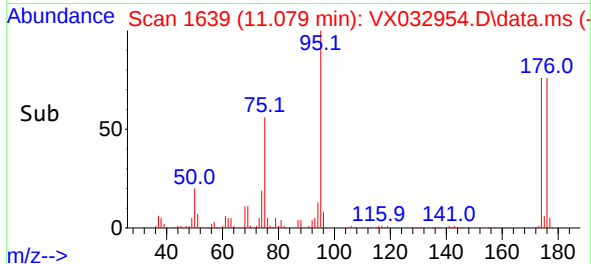
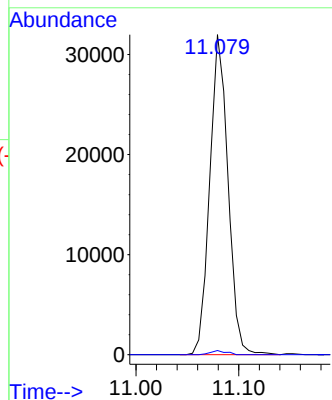
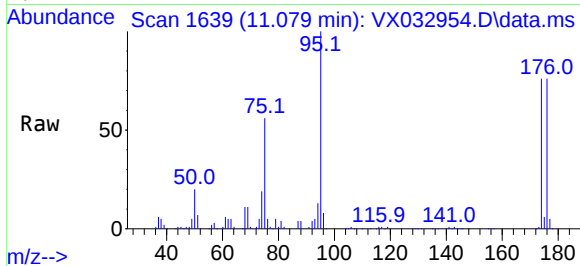




#76
1,2,3-Trichloropropane
Concen: 29.753 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20221117

Tgt Ion: 75 Resp: 39451
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.676 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032954.D
Acq: 21 Nov 2022 15:55

Tgt Ion: 75 Resp: 39451
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

