

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029872.D
 Acq On : 29 Jun 2022 19:13
 Operator : JC/MD
 Sample : N3485-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20220623

Quant Time: Jun 29 23:01:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

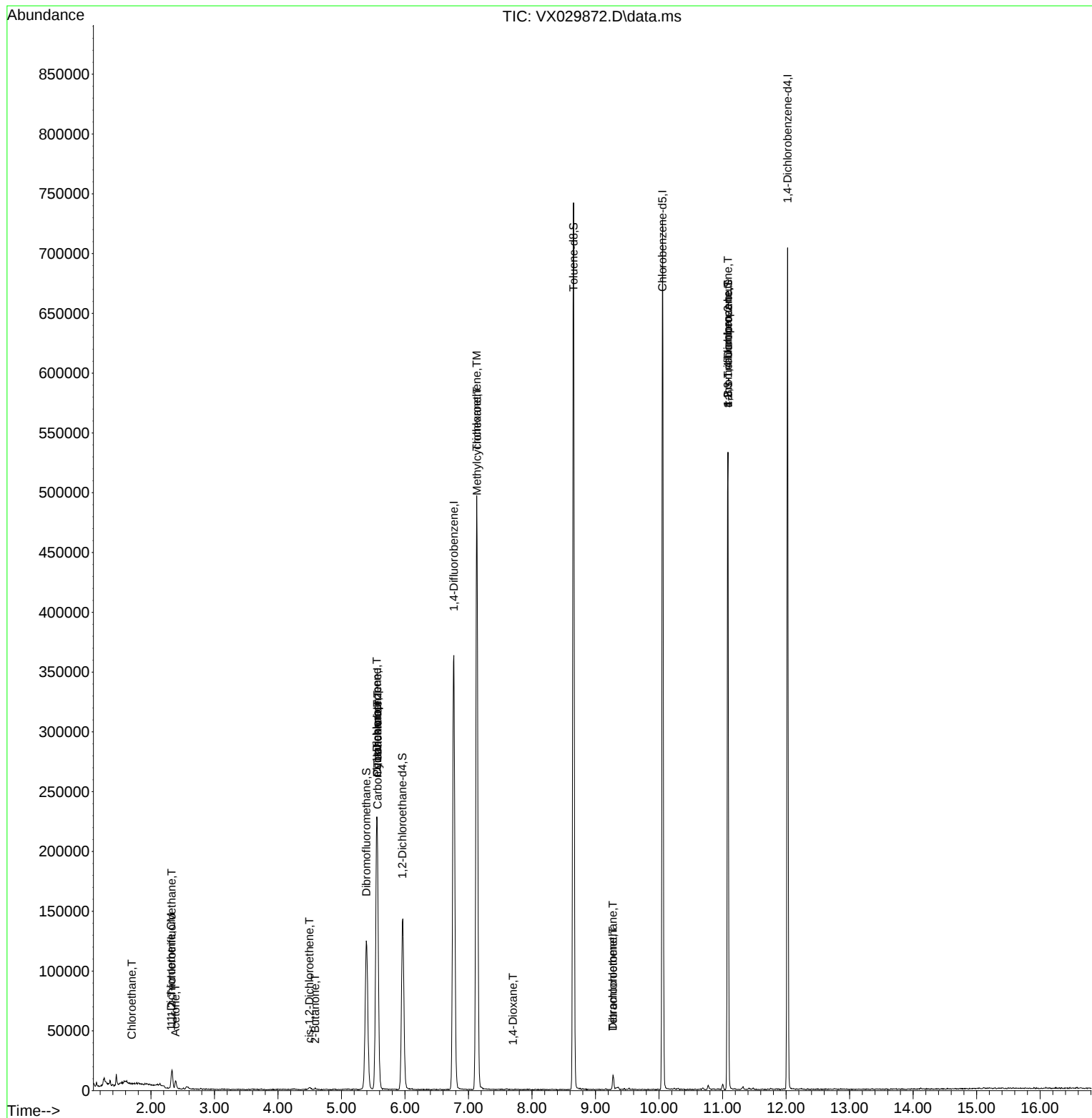
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	228880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	393457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	339141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127088	43.865	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.740%
35) Dibromofluoromethane	5.391	113	111240	45.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.480%
50) Toluene-d8	8.653	98	449611	48.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.480%
62) 4-Bromofluorobenzene	11.085	95	149186	45.752	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.500%
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	1057	1.586	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.325	101	5808	2.530	ug/l	96
12) 1,1-Dichloroethene	2.319	96	695	0.295	ug/l #	76
13) Acrolein	2.246	56	126	Below Cal	#	57
16) Acetone	2.386	43	8154	5.753	ug/l	97
25) 2-Butanone	4.587	43	1207	0.491	ug/l #	21
27) cis-1,2-Dichloroethene	4.495	96	1120	0.367	ug/l	86
31) Cyclohexane	5.562	56	4582	1.134	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17788	5.439	ug/l #	48
38) Carbon Tetrachloride	5.568	117	20805	7.342	ug/l #	17
39) Methylcyclohexane	7.135	83	2131	0.539	ug/l #	1
44) Trichloroethene	7.129	130	192710	67.667	ug/l	99
49) 1,4-Dioxane	7.702	88	54	0.714	ug/l #	3
60) Dibromochloromethane	9.275	129	1337	0.544	ug/l #	11
64) Tetrachloroethene	9.275	164	1107	0.541	ug/l #	81
76) 1,2,3-Trichloropropane	11.085	75	69728	20.092	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	69728	63.809	ug/l #	13

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

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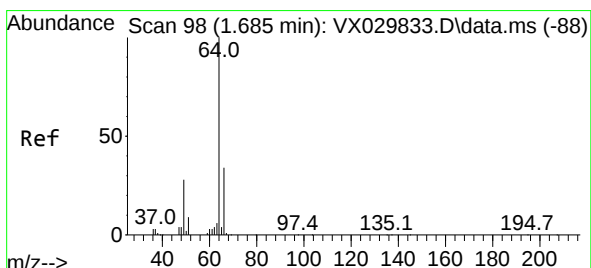
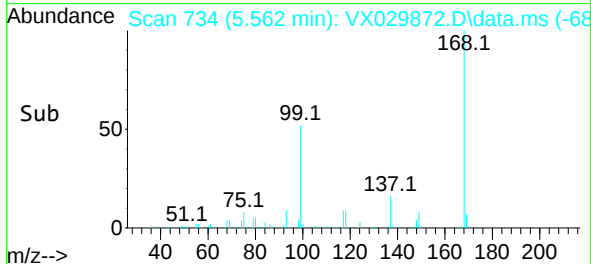
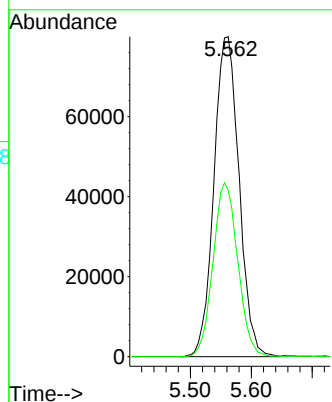
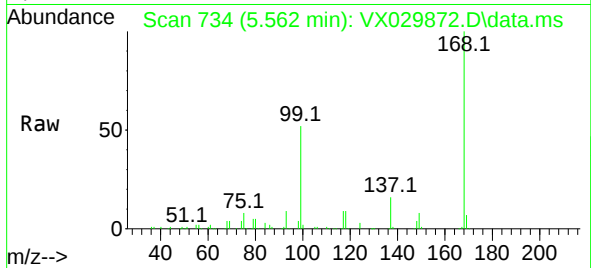




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029872.D
Acq: 29 Jun 2022 19:13

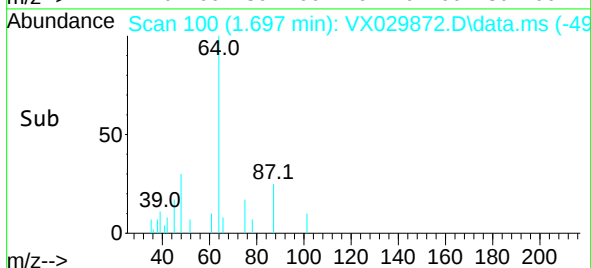
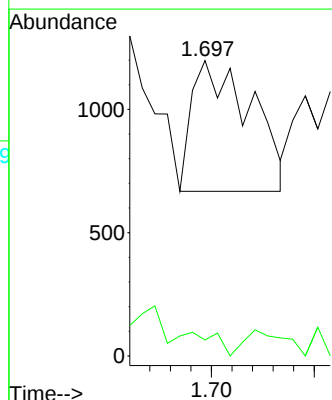
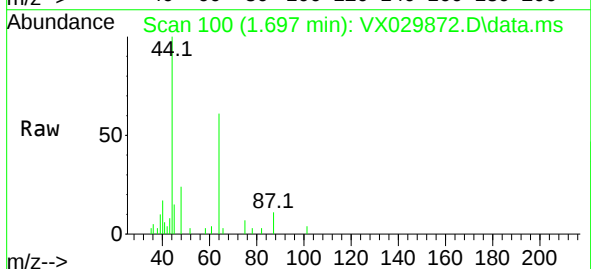
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MSVOA_X
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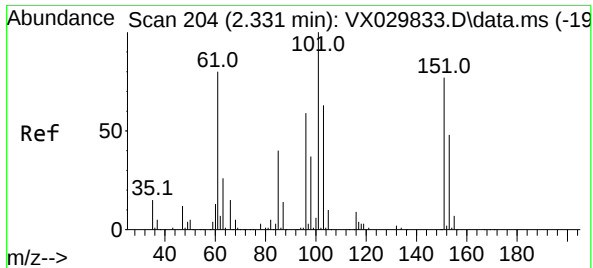
Tgt Ion:168 Resp: 228880
Ion Ratio Lower Upper
168 100
99 52.1 44.0 66.0



#6
Chloroethane
Concen: 1.586 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX029872.D
Acq: 29 Jun 2022 19:13

Tgt Ion: 64 Resp: 1057
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

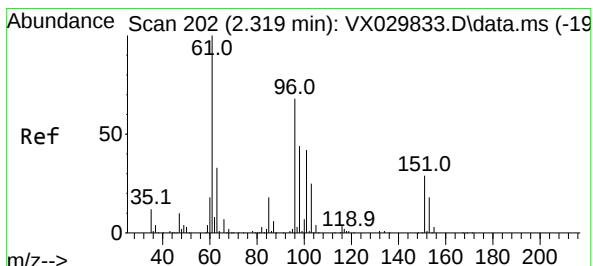
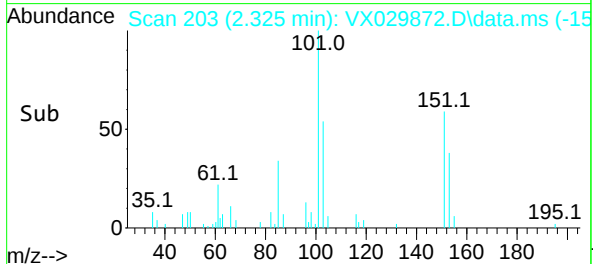
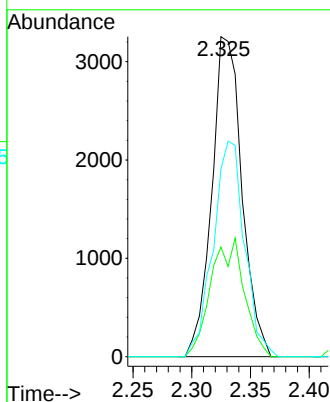
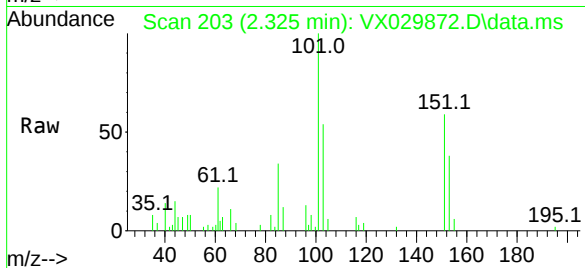




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.530 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX029872.D
Acq: 29 Jun 2022 19:13

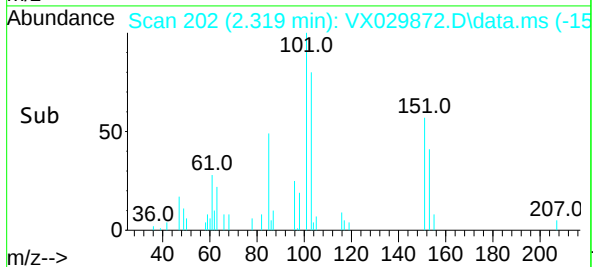
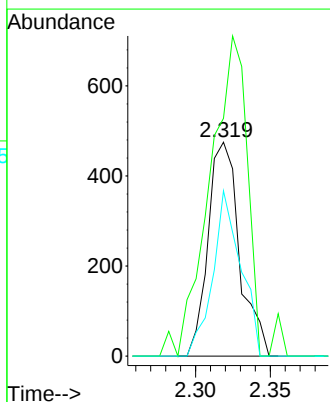
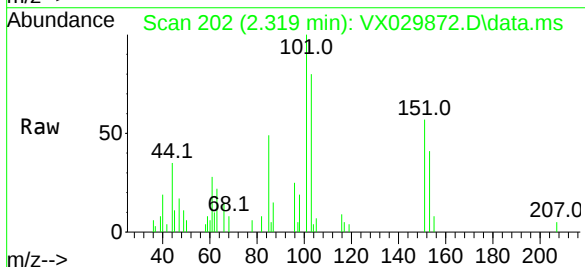
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20220623

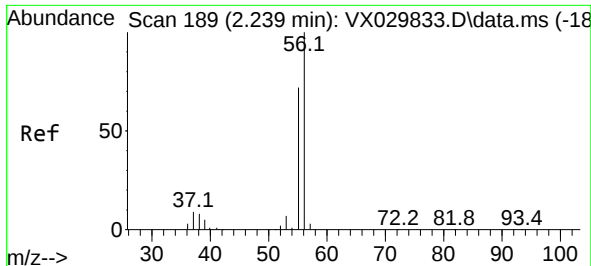
Tgt Ion:101 Resp: 5808
Ion Ratio Lower Upper
101 100
85 40.8 34.0 51.0
151 70.1 59.4 89.0



#12
1,1-Dichloroethene
Concen: 0.295 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX029872.D
Acq: 29 Jun 2022 19:13

Tgt Ion: 96 Resp: 695
Ion Ratio Lower Upper
96 100
61 111.2 117.4 176.0#
98 77.3 52.2 78.4

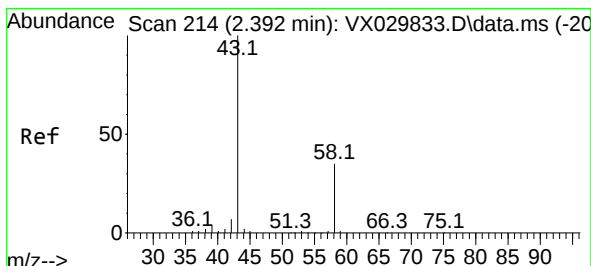
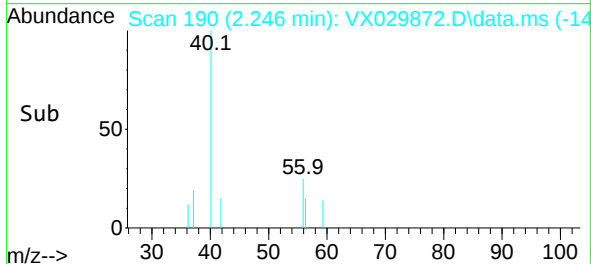
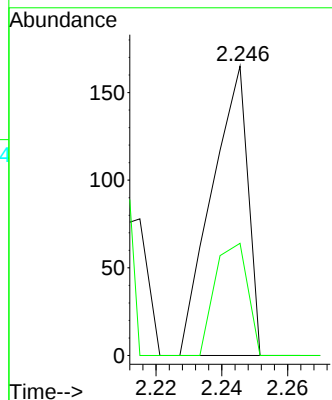
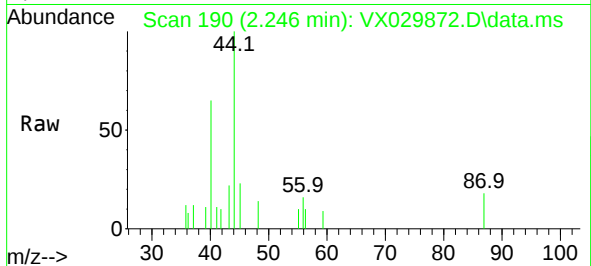




#13
Acrolein
Concen: Below Cal
RT: 2.246 min Scan# 19
Delta R.T. 0.007 min
Lab File: VX029872.D
Acq: 29 Jun 2022 19:13

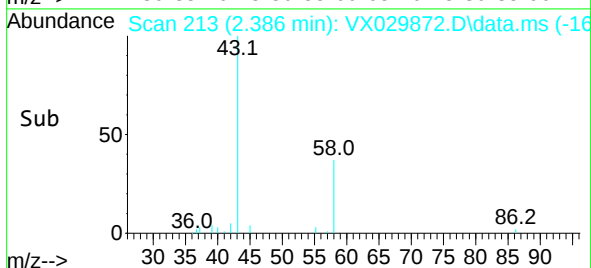
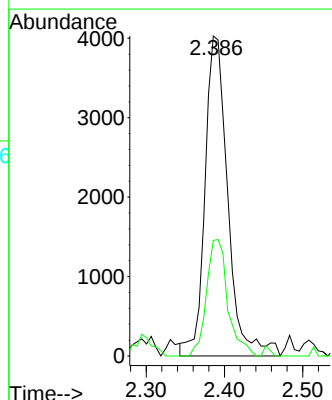
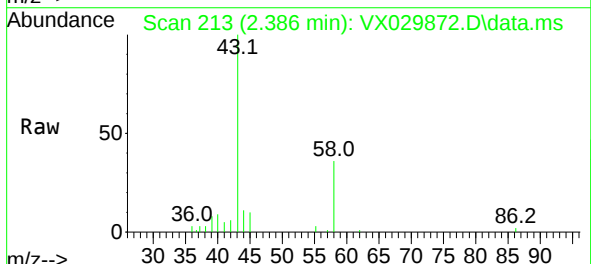
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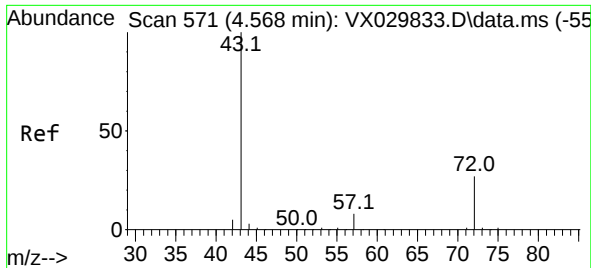
Tgt Ion: 56 Resp: 126
Ion Ratio Lower Upper
56 100
55 34.9 56.6 84.8#



#16
Acetone
Concen: 5.753 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029872.D
Acq: 29 Jun 2022 19:13

Tgt Ion: 43 Resp: 8154
Ion Ratio Lower Upper
43 100
58 36.1 27.7 41.5

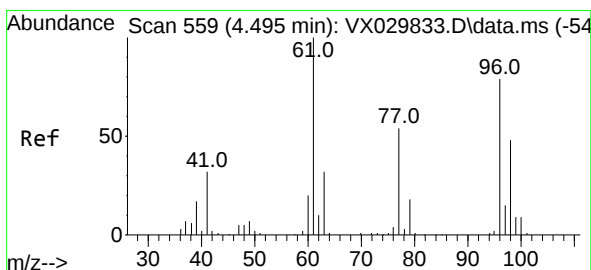
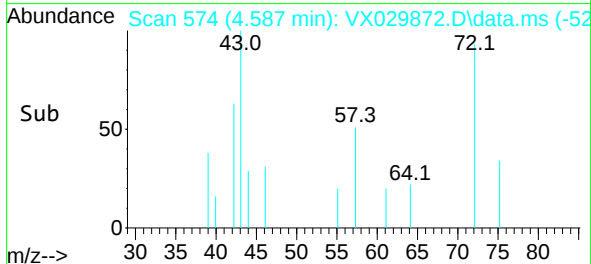
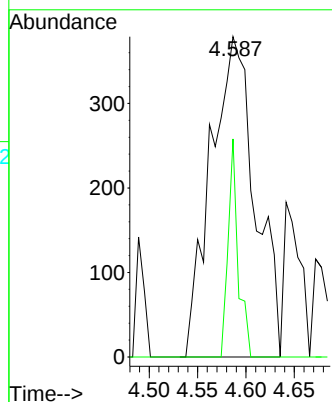
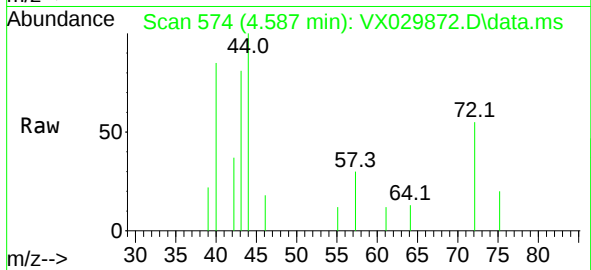




#25
2-Butanone
Concen: 0.491 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX029872.D
Acq: 29 Jun 2022 19:13

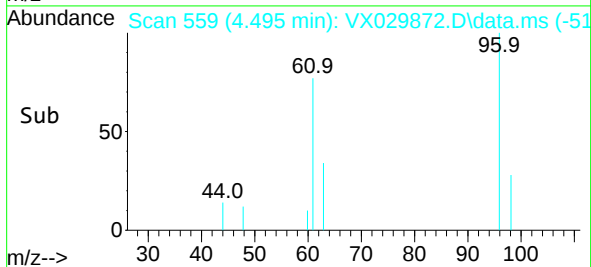
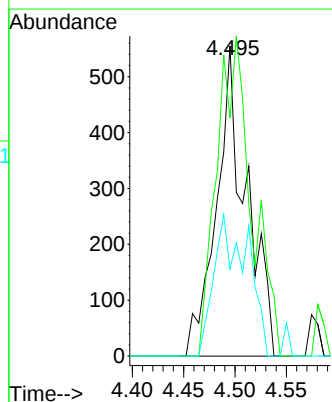
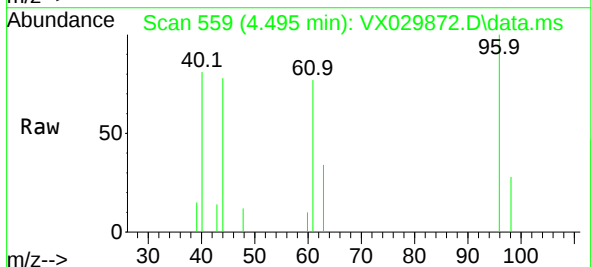
Instrument :
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ClientSampleId :
RE120D3-20220623

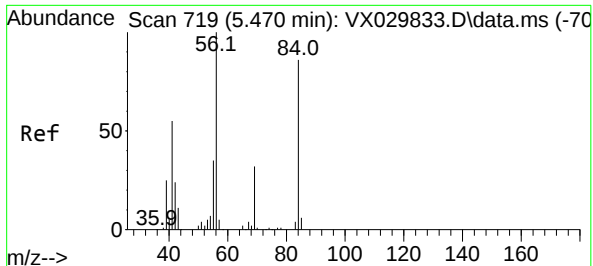
Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
72 68.1 21.7 32.5#



#27
cis-1,2-Dichloroethene
Concen: 0.367 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX029872.D
Acq: 29 Jun 2022 19:13

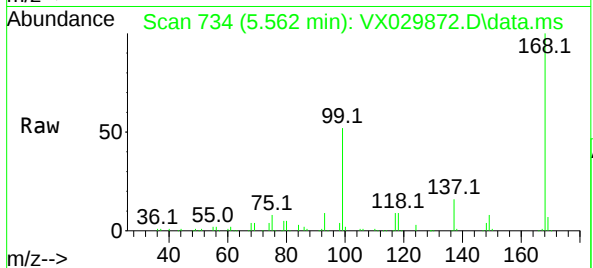
Tgt Ion: 96 Resp: 1120
Ion Ratio Lower Upper
96 100
61 120.3 0.0 270.0
98 51.1 0.0 127.8



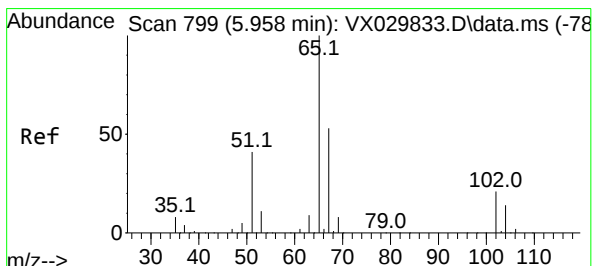
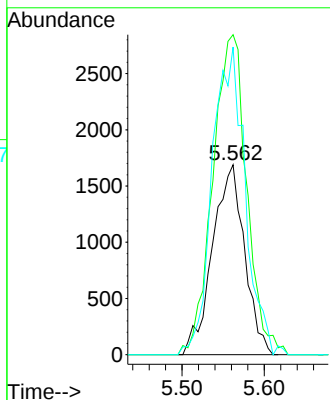
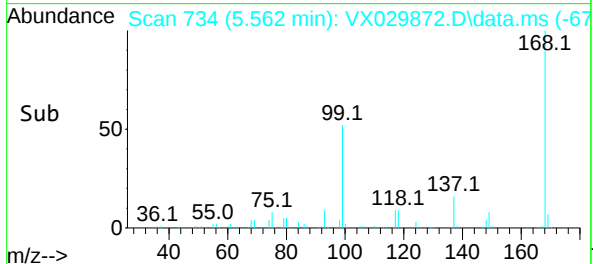


#31
Cyclohexane
Concen: 1.134 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX029872.D
Acq: 29 Jun 2022 19:13

Instrument :
MSVOA_X
ClientSampleId :
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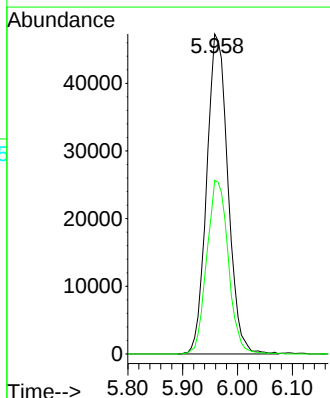
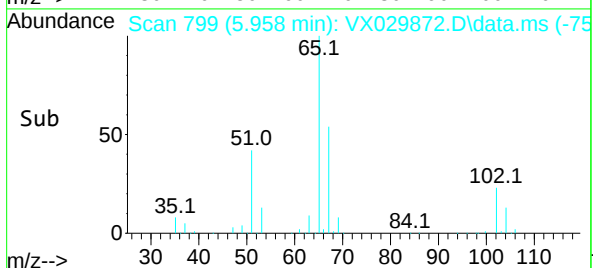
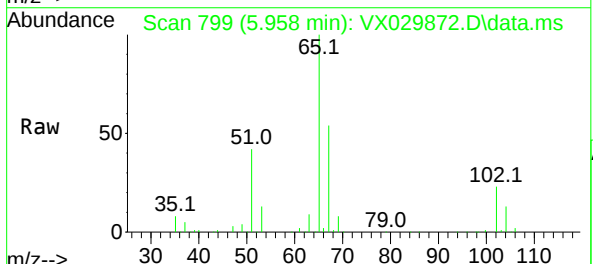


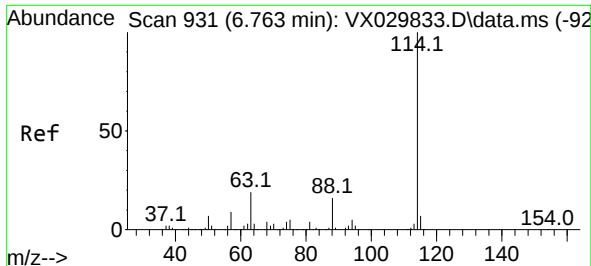
Tgt Ion: 56 Resp: 4582
Ion Ratio Lower Upper
56 100
69 168.5 25.4 38.0#
84 162.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 43.865 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029872.D
Acq: 29 Jun 2022 19:13

Tgt Ion: 65 Resp: 127088
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.6

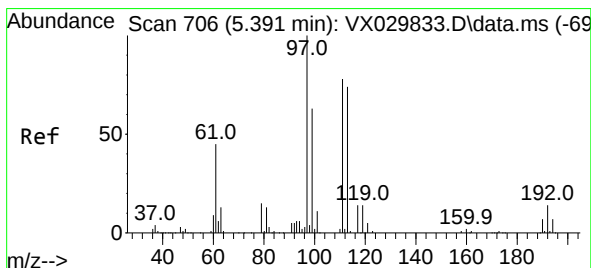
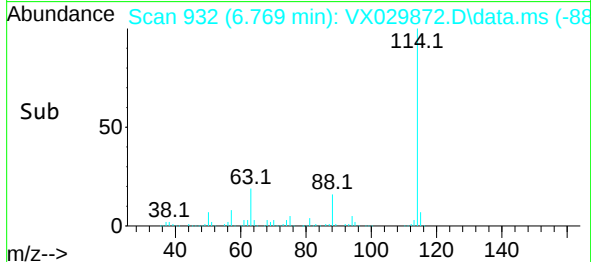
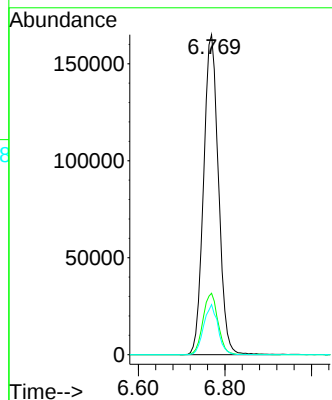
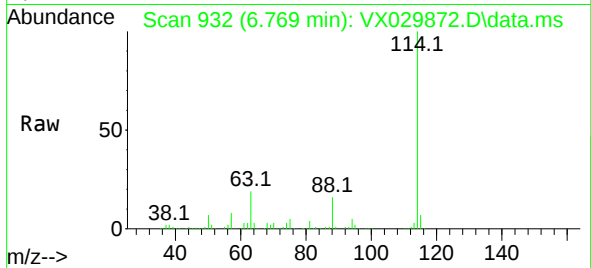




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029872.D
Acq: 29 Jun 2022 19:13

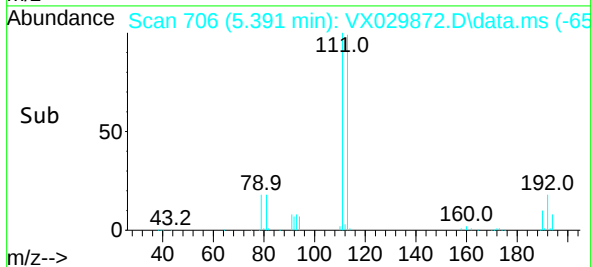
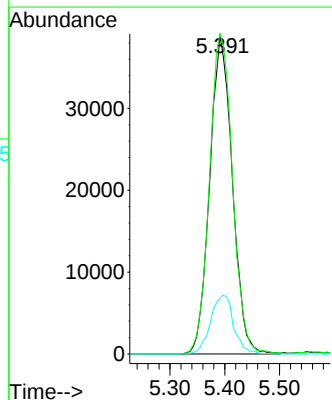
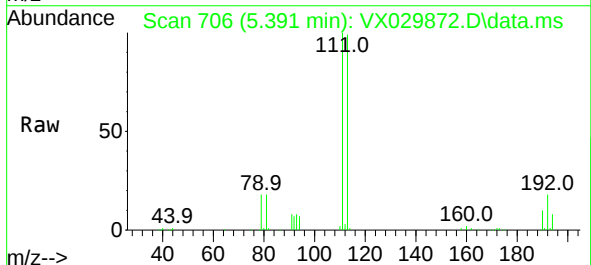
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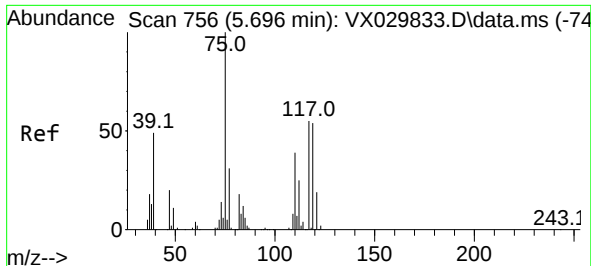
Tgt Ion:114 Resp: 393457
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.4
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.240 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029872.D
Acq: 29 Jun 2022 19:13

Tgt Ion:113 Resp: 111240
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 18.9 14.8 22.2

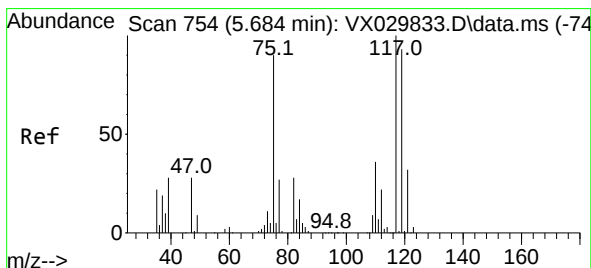
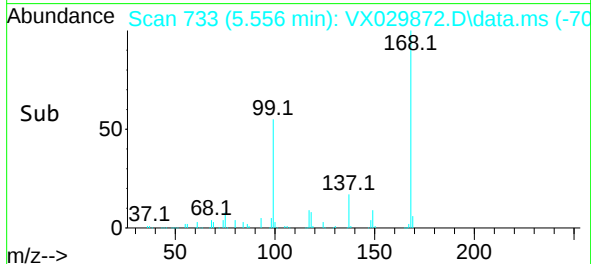
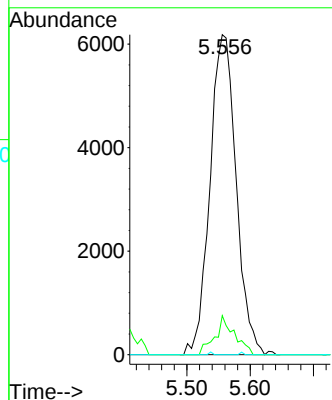
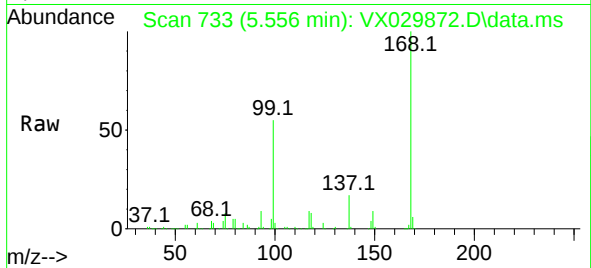




#36
1,1-Dichloropropene
Concen: 5.439 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029872.D
Acq: 29 Jun 2022 19:13

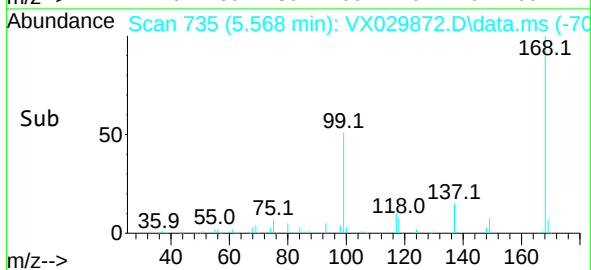
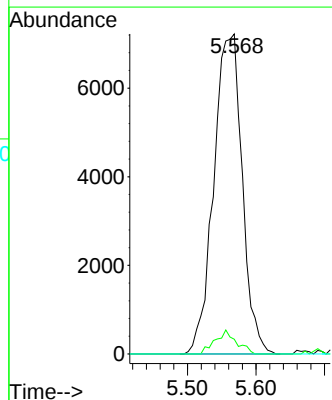
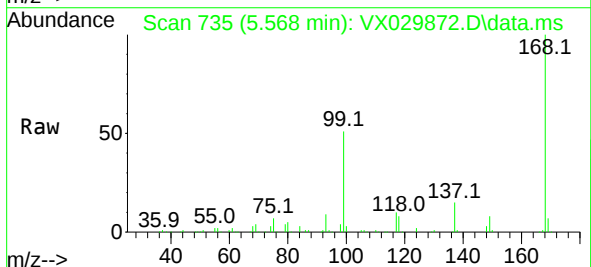
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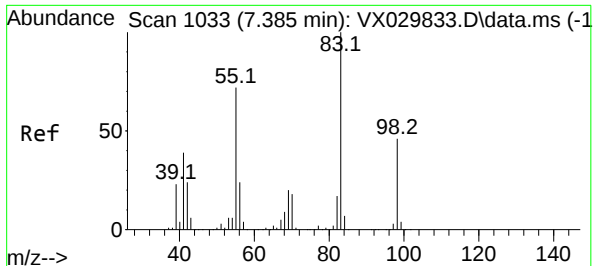
Tgt Ion: 75 Resp: 17788
Ion Ratio Lower Upper
75 100
110 9.1 19.3 57.9#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.342 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX029872.D
Acq: 29 Jun 2022 19:13

Tgt Ion: 117 Resp: 20805
Ion Ratio Lower Upper
117 100
119 4.6 74.1 111.1#
121 0.0 25.8 38.8#





#39

Methylcyclohexane

Concen: 0.539 ug/l

RT: 7.135 min Scan# 991

Delta R.T. -0.250 min

Lab File: VX029872.D

Acq: 29 Jun 2022 19:13

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20220623

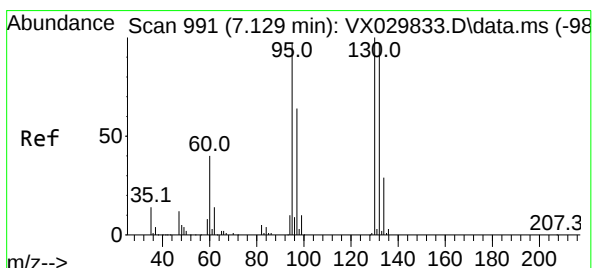
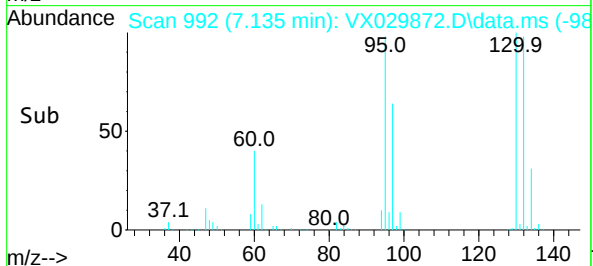
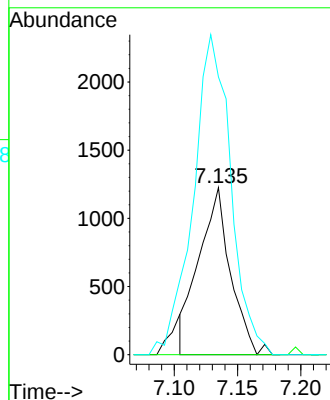
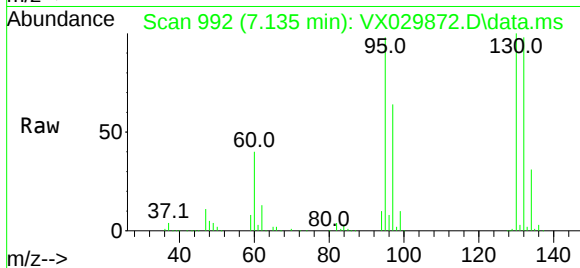
Tgt Ion: 83 Resp: 2131

Ion Ratio Lower Upper

83 100

55 0.0 57.7 86.5#

98 166.3 36.5 54.7#



#44

Trichloroethene

Concen: 67.667 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX029872.D

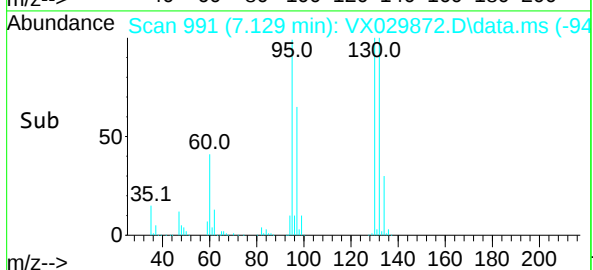
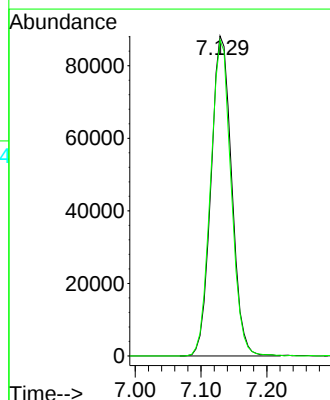
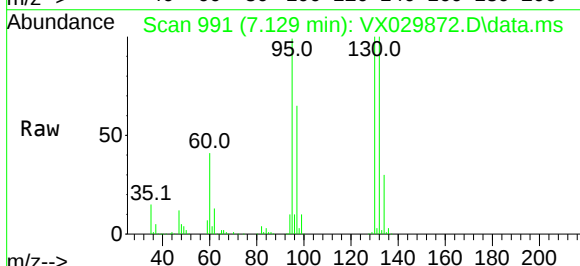
Acq: 29 Jun 2022 19:13

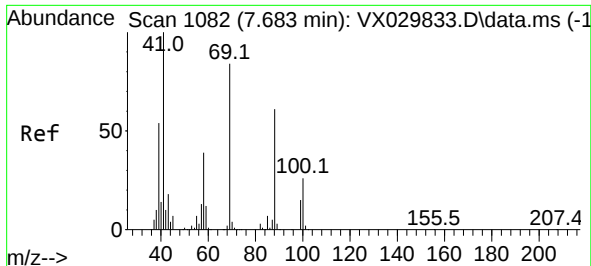
Tgt Ion:130 Resp: 192710

Ion Ratio Lower Upper

130 100

95 98.8 0.0 194.8





#49

1,4-Dioxane

Concen: 0.714 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.018 min

Lab File: VX029872.D

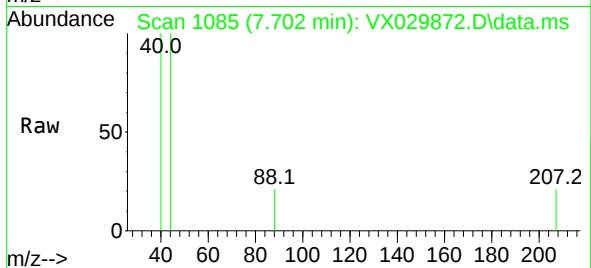
Acq: 29 Jun 2022 19:13

Instrument :

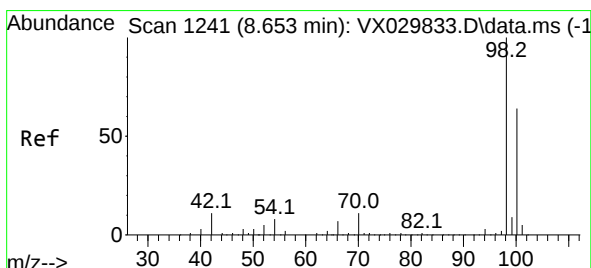
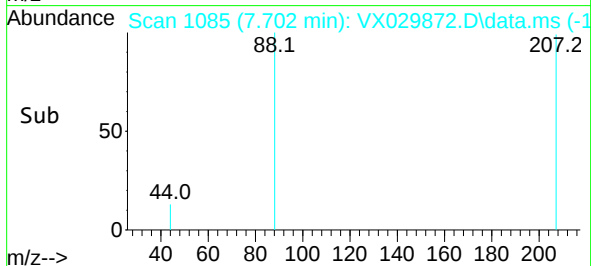
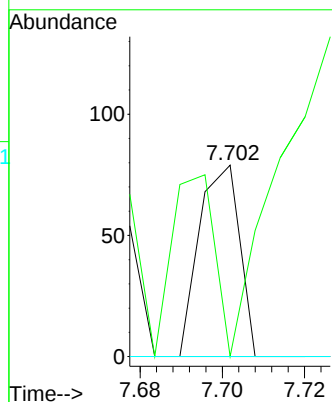
MSVOA_X

ClientSampleId :

RE120D3-20220623



Tgt Ion:	88	Resp:	54
Ion	Ratio	Lower	Upper
88	100		
43	98.1	23.8	35.8#
58	0.0	53.8	80.6#



#50

Toluene-d8

Concen: 48.741 ug/l

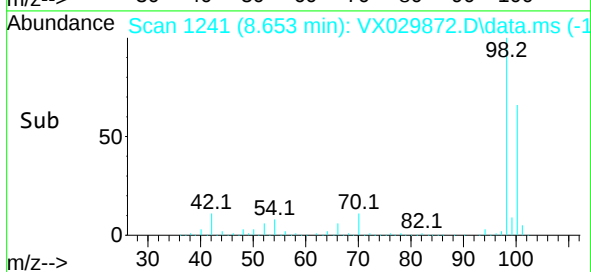
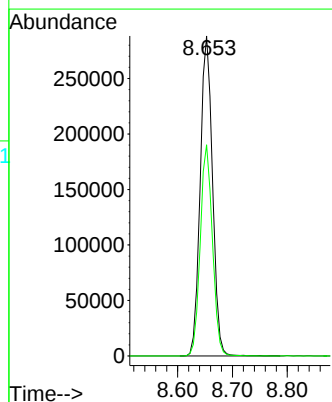
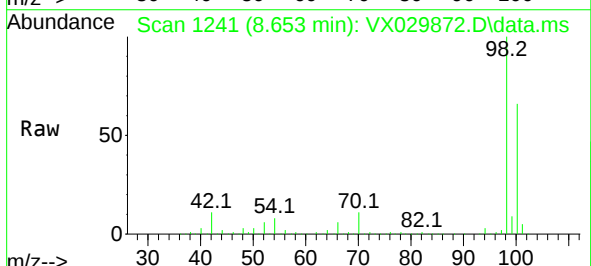
RT: 8.653 min Scan# 1241

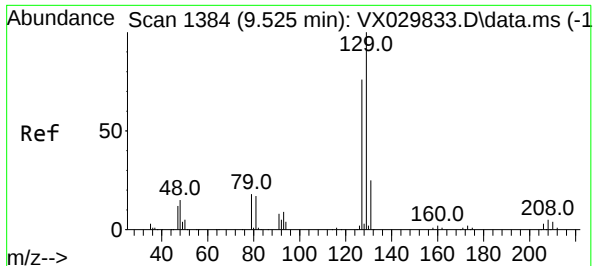
Delta R.T. 0.000 min

Lab File: VX029872.D

Acq: 29 Jun 2022 19:13

Tgt Ion:	98	Resp:	449611
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.3	78.5

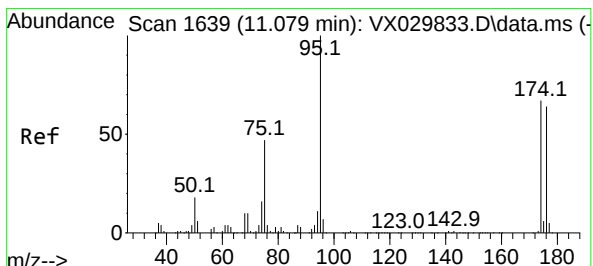
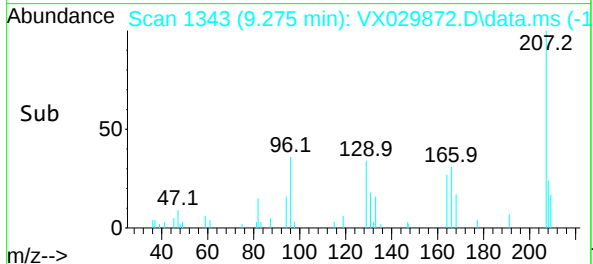
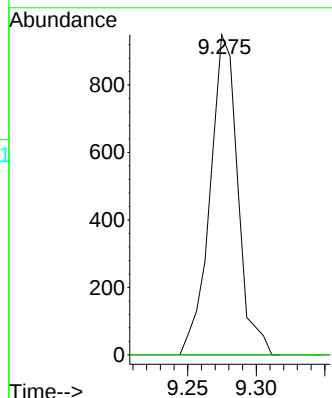
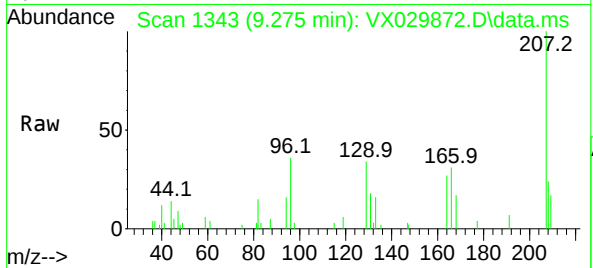




#60
Dibromochloromethane
Concen: 0.544 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX029872.D
Acq: 29 Jun 2022 19:13

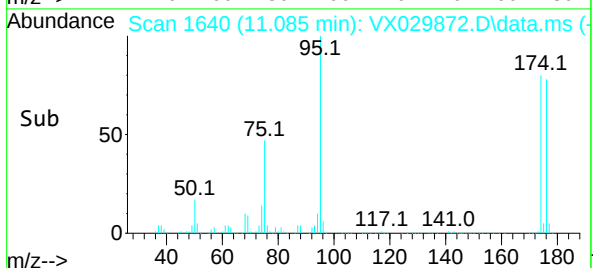
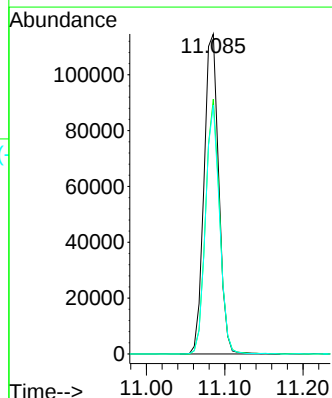
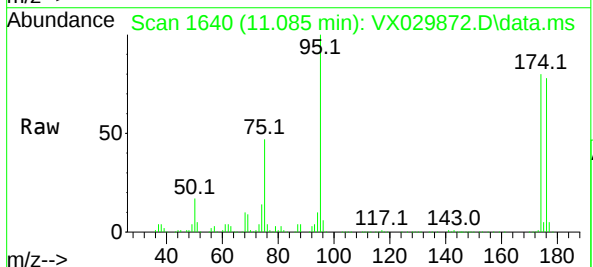
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20220623

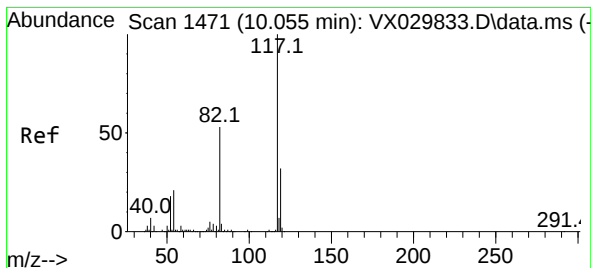
Tgt Ion:129 Resp: 1337
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 45.752 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029872.D
Acq: 29 Jun 2022 19:13

Tgt Ion: 95 Resp: 149186
Ion Ratio Lower Upper
95 100
174 75.8 0.0 149.0
176 74.3 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: VX029872.D

Acq: 29 Jun 2022 19:13

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20220623

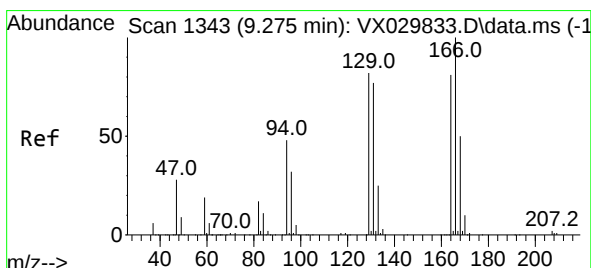
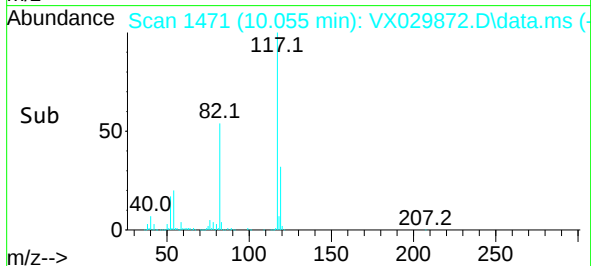
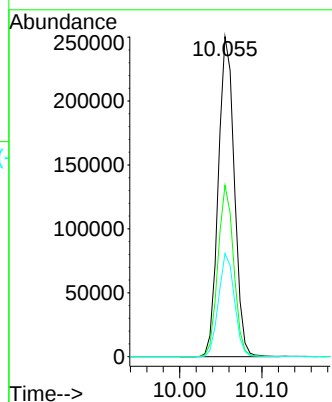
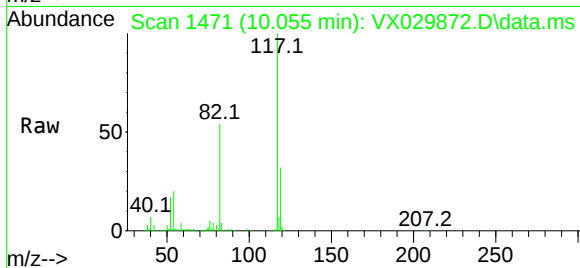
Tgt Ion:117 Resp: 339141

Ion Ratio Lower Upper

117 100

82 53.6 42.7 64.1

119 32.3 25.4 38.2



#64

Tetrachloroethene

Concen: 0.541 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX029872.D

Acq: 29 Jun 2022 19:13

Tgt Ion:164 Resp: 1107

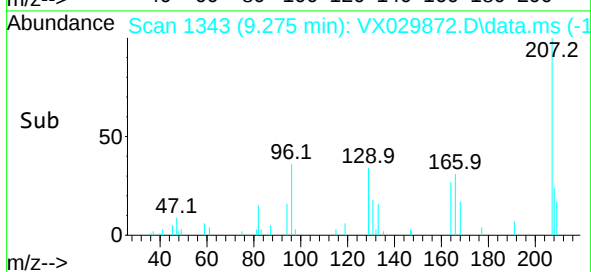
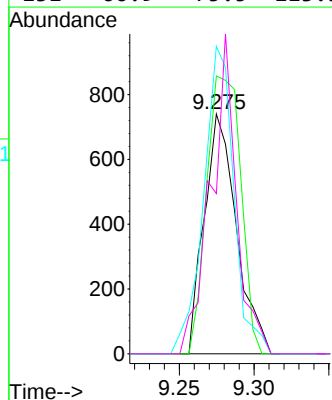
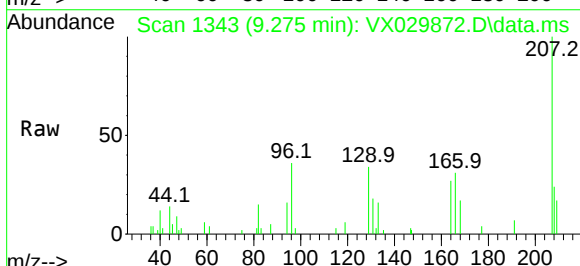
Ion Ratio Lower Upper

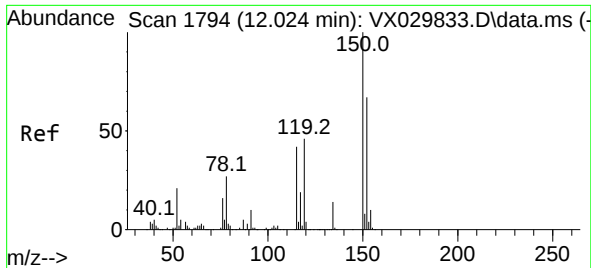
164 100

166 115.8 98.2 147.4

129 128.2 80.8 121.2#

131 66.9 75.5 113.3#

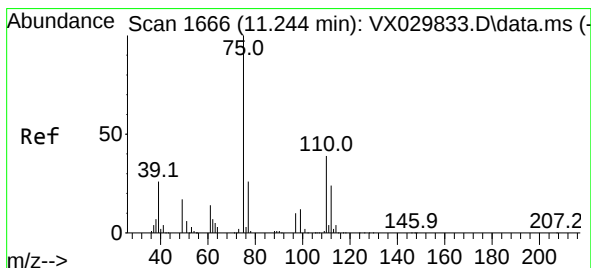
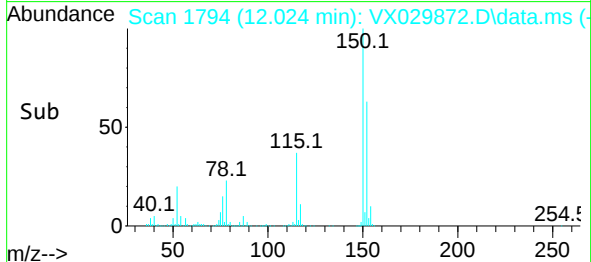
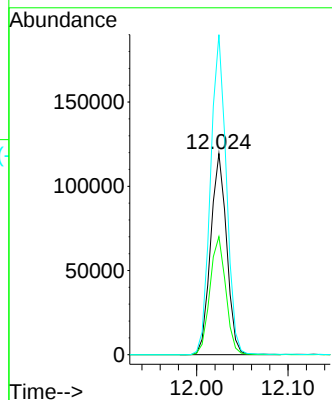
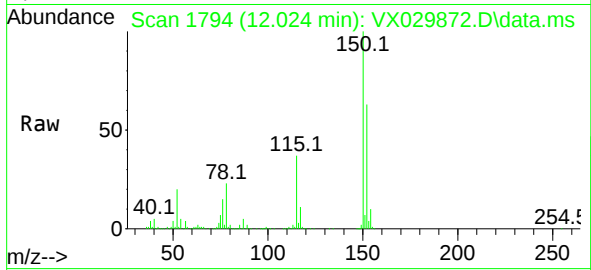




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029872.D
 Acq: 29 Jun 2022 19:13

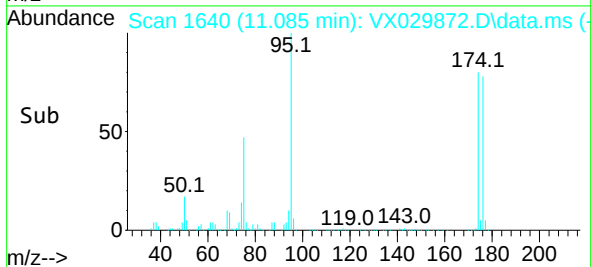
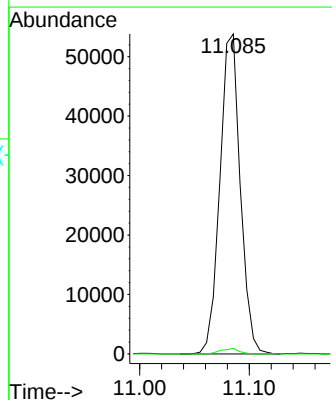
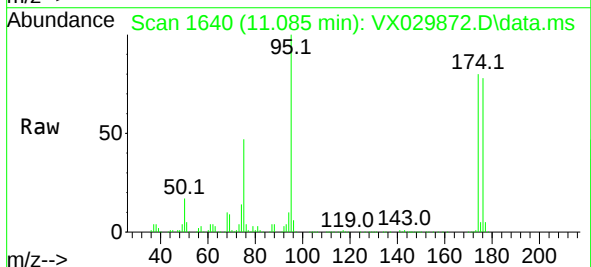
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20220623

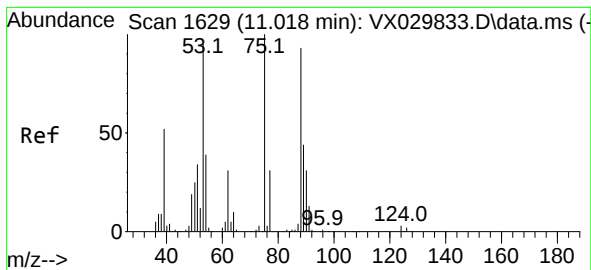
Tgt Ion:152 Resp: 144969
 Ion Ratio Lower Upper
 152 100
 115 58.2 40.5 121.5
 150 157.0 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 20.092 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX029872.D
 Acq: 29 Jun 2022 19:13

Tgt Ion: 75 Resp: 69728
 Ion Ratio Lower Upper
 75 100
 77 1.6 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.809 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX029872.D
 Acq: 29 Jun 2022 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20220623

Tgt Ion: 75 Resp: 69728
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

