

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112522\
 Data File : VX033068.D
 Acq On : 25 Nov 2022 15:18
 Operator : JC/MD
 Sample : N5747-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB112122

Quant Time: Nov 28 00:48:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

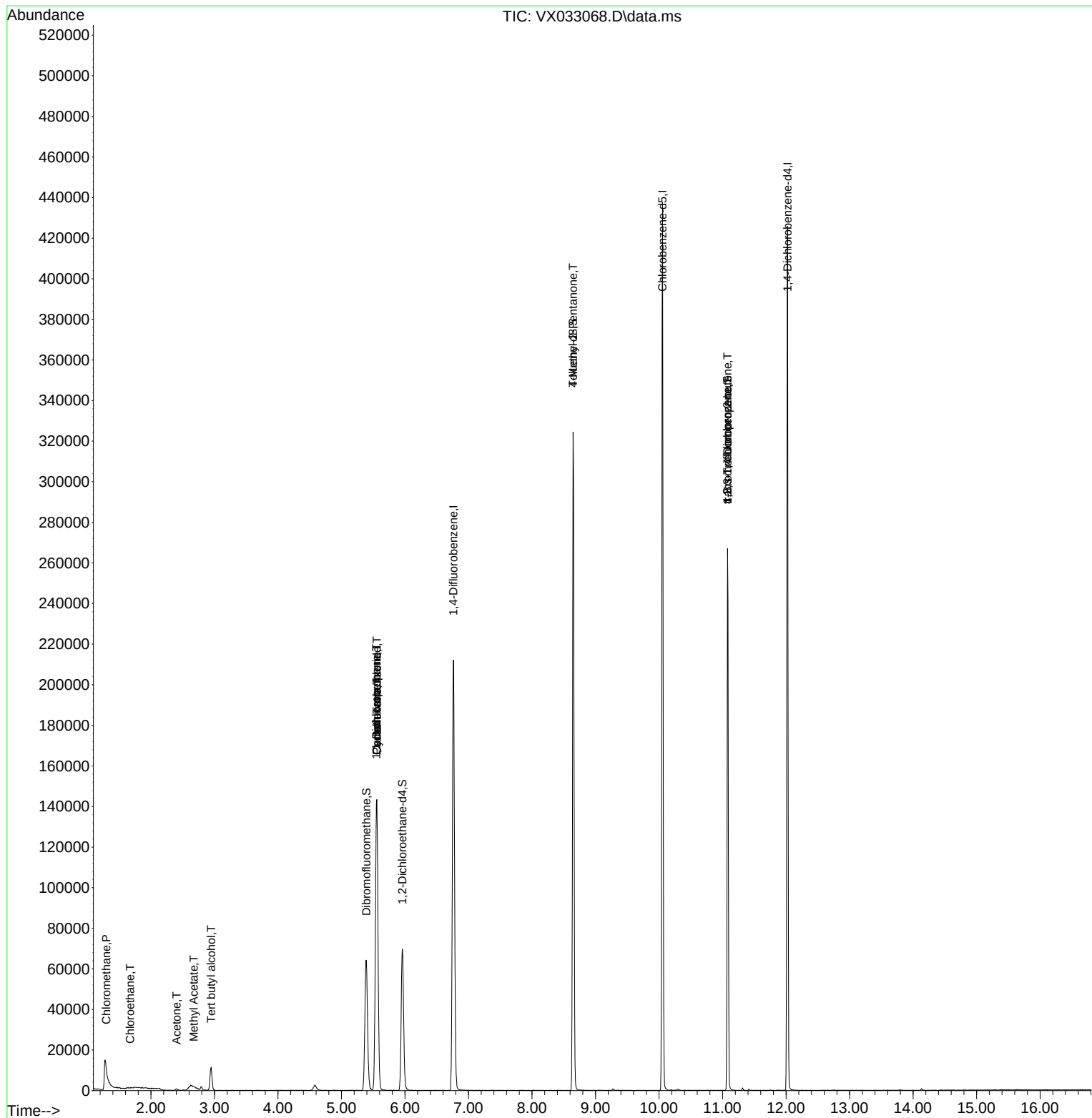
Internal Standards						
1) Pentafluorobenzene	5.556	168	136064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217069	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71210	53.797	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.600%	
35) Dibromofluoromethane	5.391	113	56208	45.931	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.860%	
50) Toluene-d8	8.647	98	191917	52.218	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.440%	
62) 4-Bromofluorobenzene	11.079	95	67783	42.166	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	899	0.801	ug/l #	43
6) Chloroethane	1.672	64	364	0.358	ug/l #	42
11) Tert butyl alcohol	2.947	59	6765	32.207	ug/l #	73
16) Acetone	2.404	43	1271	2.054	ug/l	96
18) Methyl Acetate	2.672	43	600	0.350	ug/l #	51
20) Methylene Chloride	2.788	84	838	Below Cal	#	69
31) Cyclohexane	5.556	56	2866	1.335	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	10422	5.326	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14668	6.757	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	833	0.478	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37622	22.816	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37622	74.161	ug/l #	6

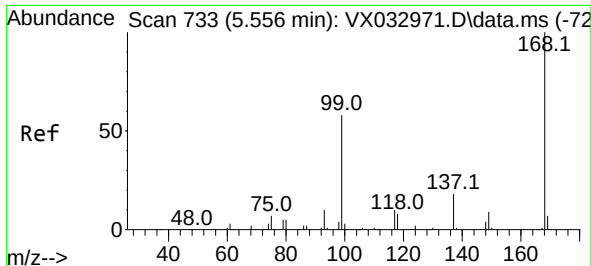
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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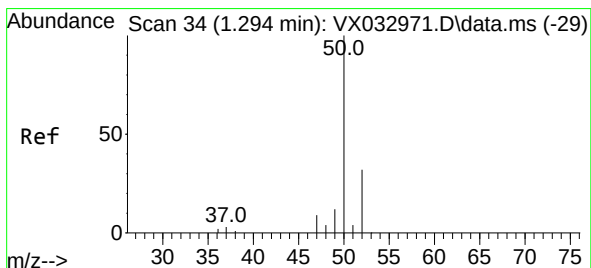
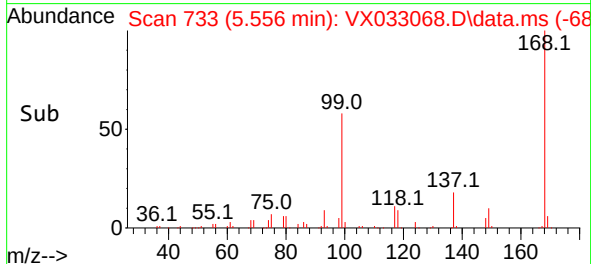
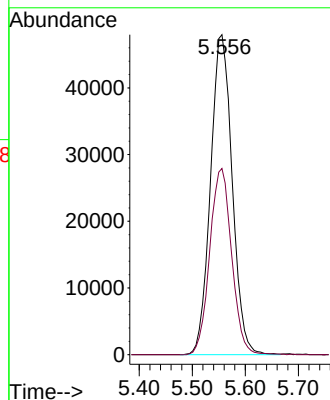
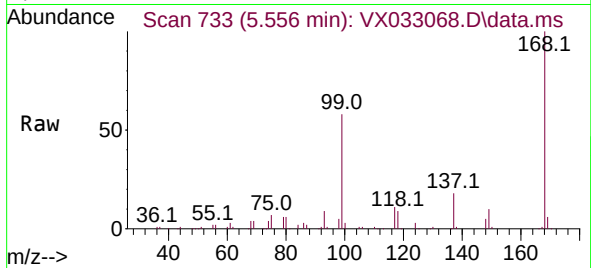




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

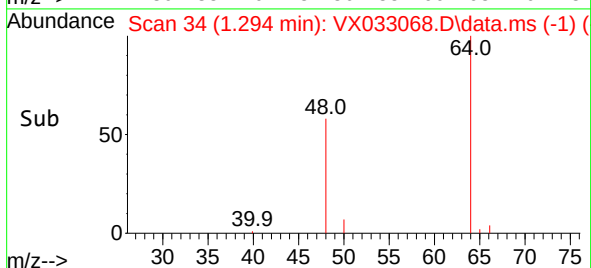
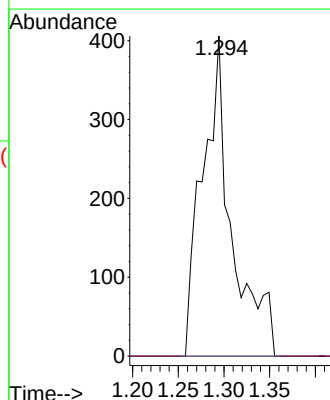
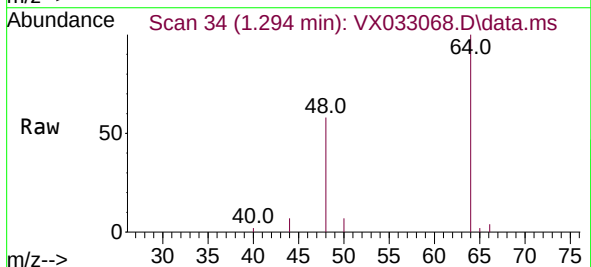
Instrument :
MSVOA_X
ClientSampleId :
TB112122

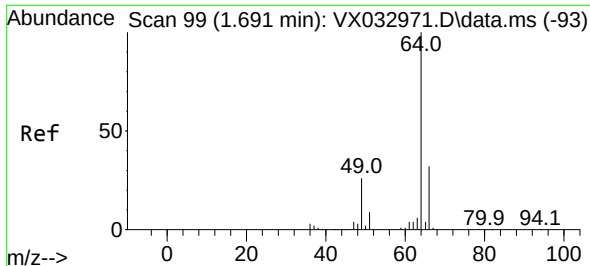
Tgt Ion:168 Resp: 136064
Ion Ratio Lower Upper
168 100
99 58.2 46.1 69.1



#3
Chloromethane
Concen: 0.801 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

Tgt Ion: 50 Resp: 899
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

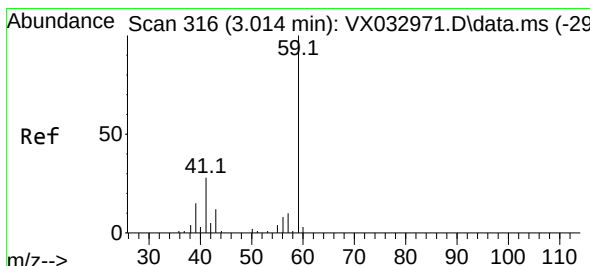
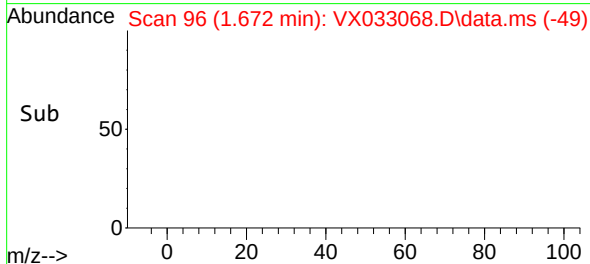
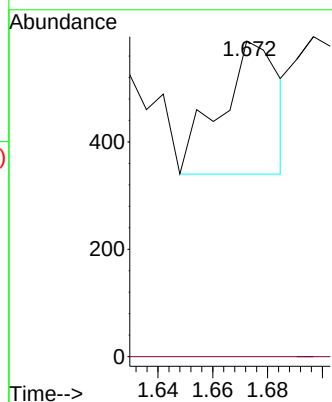
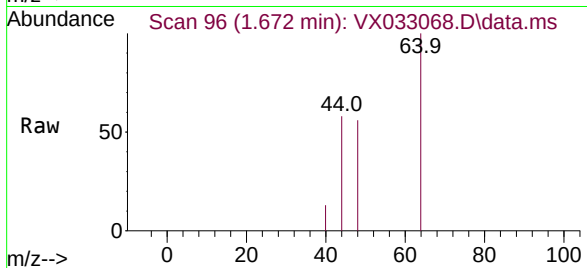




#6
Chloroethane
Concen: 0.358 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.013 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

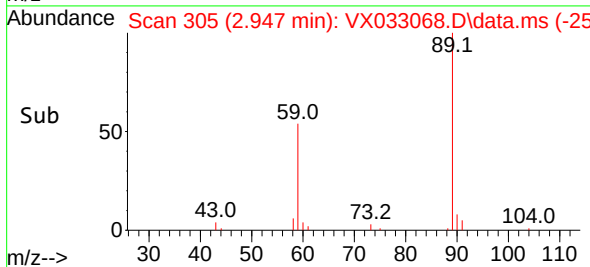
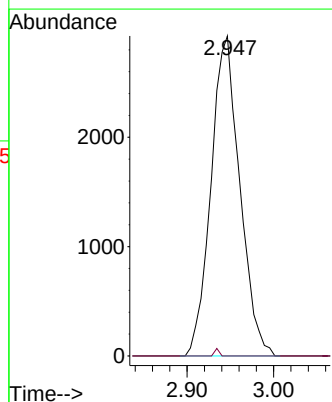
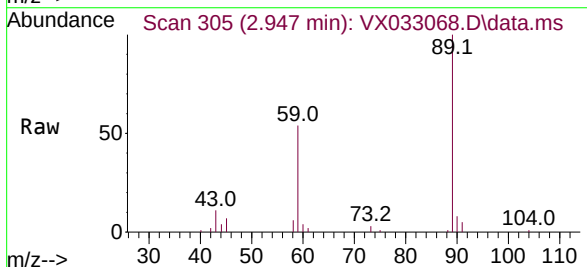
Instrument :
MSVOA_X
ClientSampleId :
TB112122

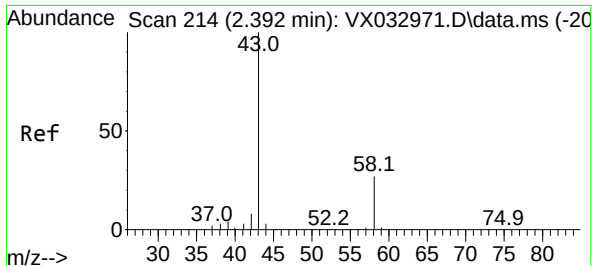
Tgt Ion: 64 Resp: 364
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



#11
Tert butyl alcohol
Concen: 32.207 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

Tgt Ion: 59 Resp: 6765
Ion Ratio Lower Upper
59 100
57 0.4 8.2 12.4#

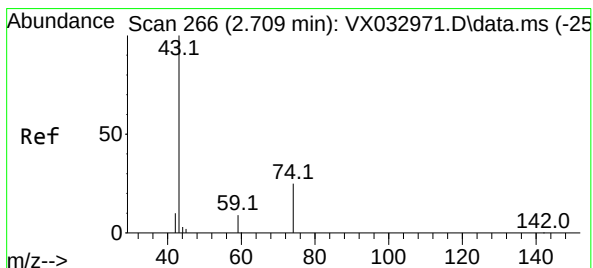
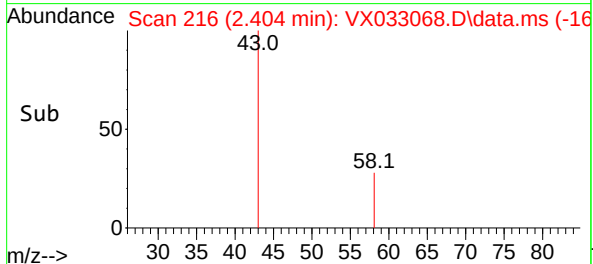
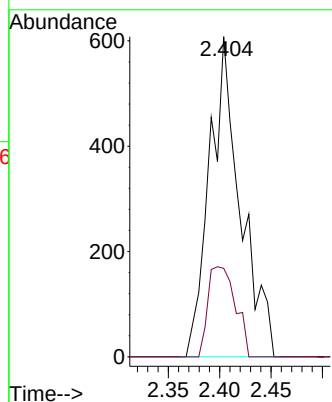
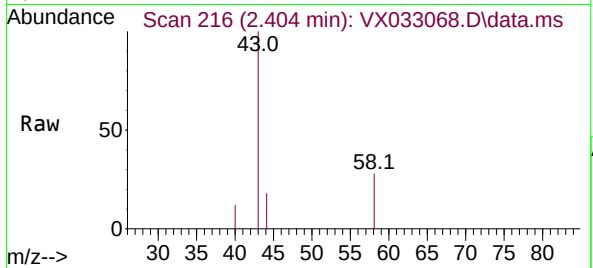




#16
Acetone
Concen: 2.054 ug/l
RT: 2.404 min Scan# 21
Delta R.T. 0.024 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

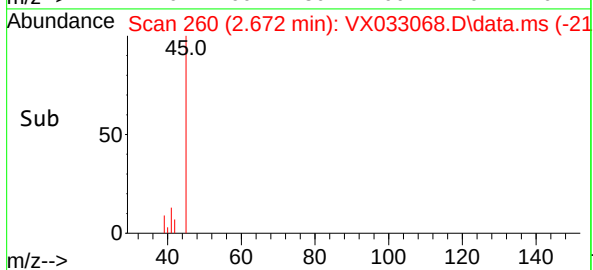
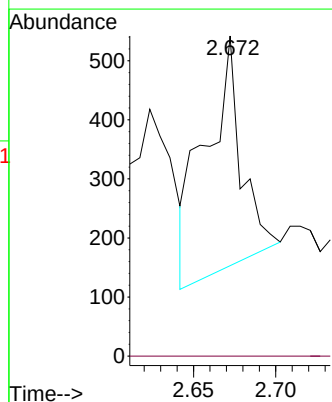
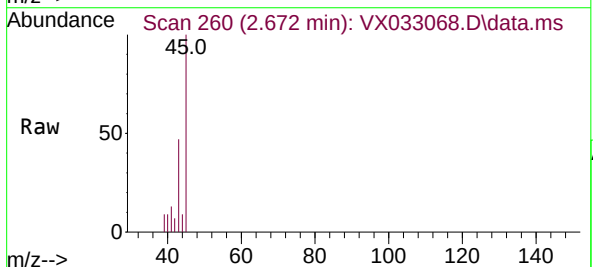
Instrument :
MSVOA_X
ClientSampleId :
TB112122

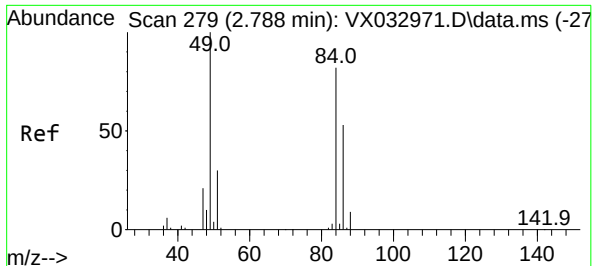
Tgt Ion: 43 Resp: 1271
Ion Ratio Lower Upper
43 100
58 27.6 23.8 35.8



#18
Methyl Acetate
Concen: 0.350 ug/l
RT: 2.672 min Scan# 260
Delta R.T. -0.031 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

Tgt Ion: 43 Resp: 600
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#

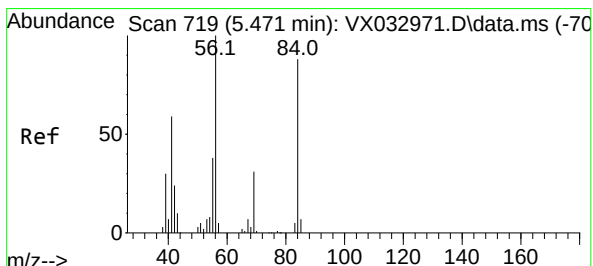
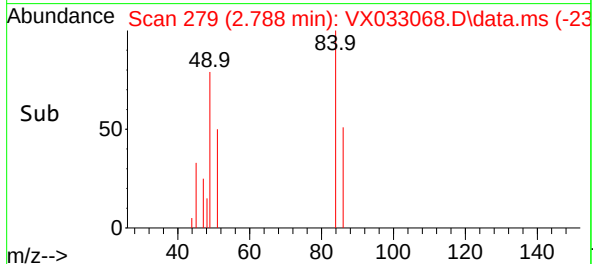
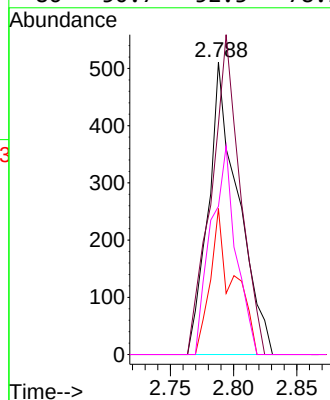
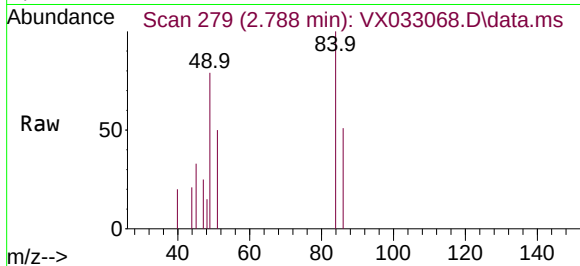




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

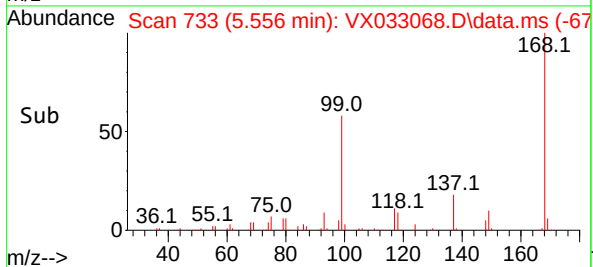
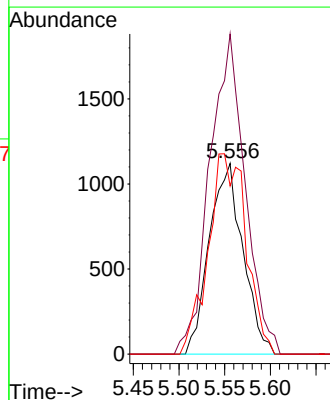
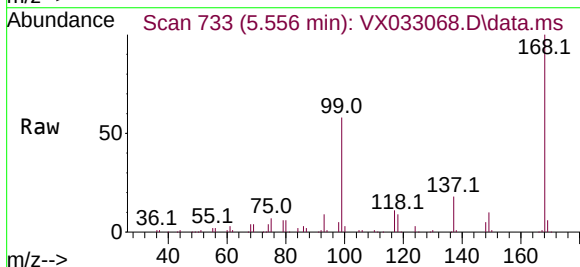
Instrument :
MSVOA_X
ClientSampleId :
TB112122

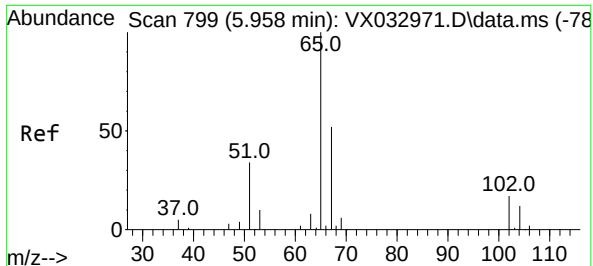
Tgt Ion:	84	Resp:	838
Ion	Ratio	Lower	Upper
84	100		
49	78.9	101.0	151.6#
51	49.9	31.1	46.7#
86	50.7	52.3	78.5#



#31
Cyclohexane
Concen: 1.335 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

Tgt Ion:	56	Resp:	2866
Ion	Ratio	Lower	Upper
56	100		
69	167.9	24.1	36.1#
84	88.1	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 53.797 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033068.D

Acq: 25 Nov 2022 15:18

Instrument :

MSVOA_X

ClientSampleId :

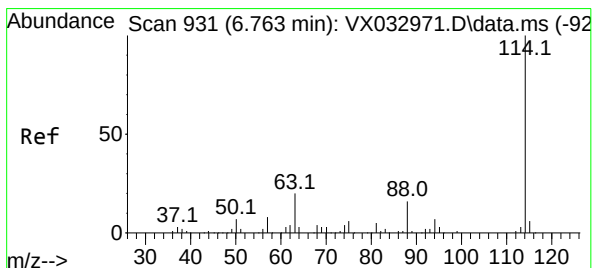
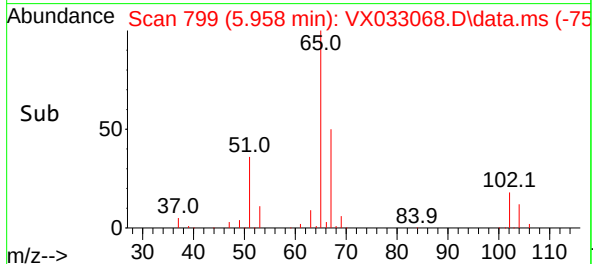
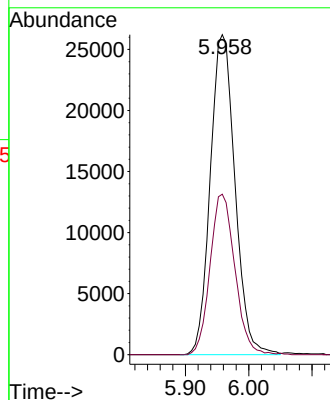
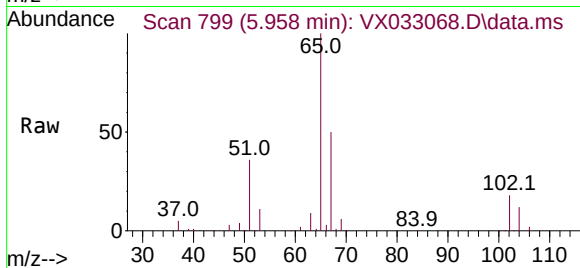
TB112122

Tgt Ion: 65 Resp: 71210

Ion Ratio Lower Upper

65 100

67 50.4 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: VX033068.D

Acq: 25 Nov 2022 15:18

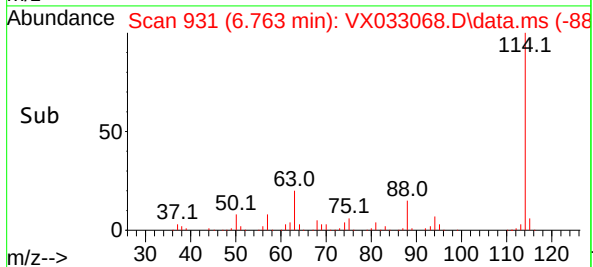
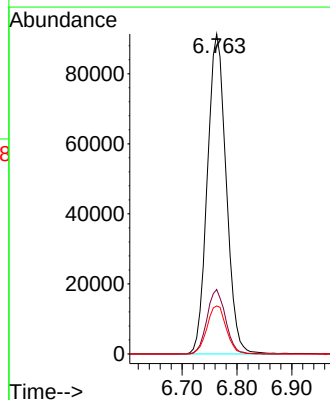
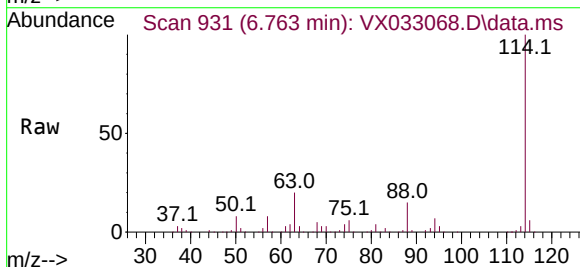
Tgt Ion: 114 Resp: 217069

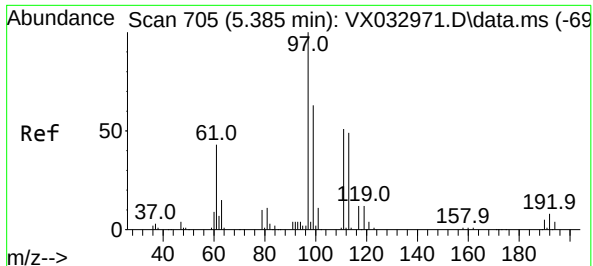
Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.6

88 15.0 0.0 33.4

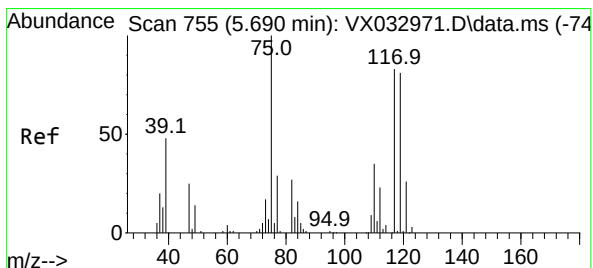
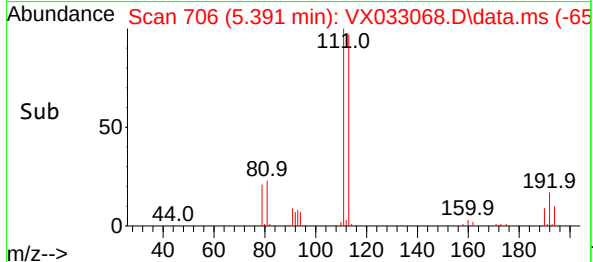
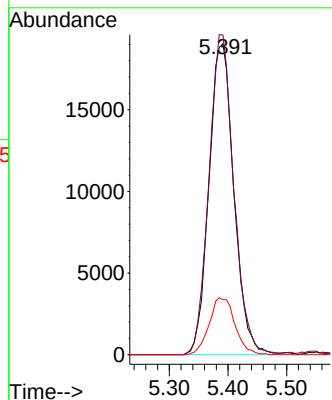
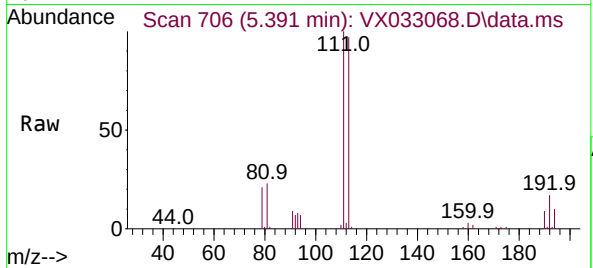




#35
Dibromofluoromethane
Concen: 45.931 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

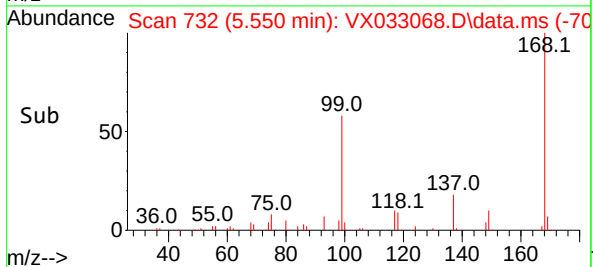
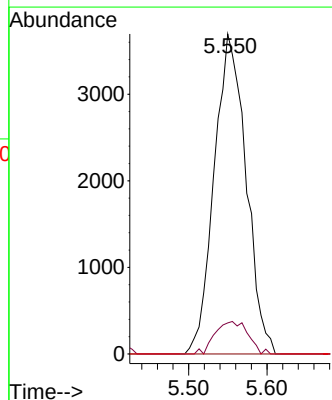
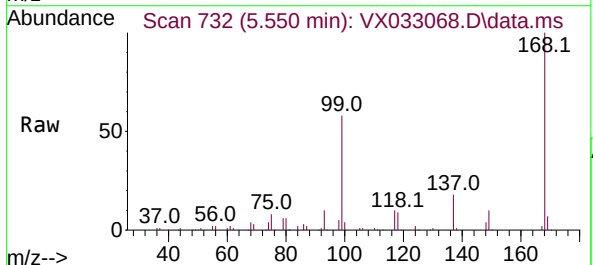
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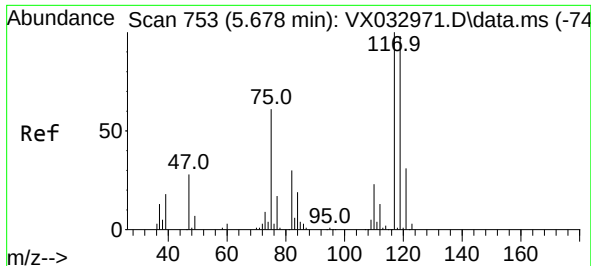
Tgt Ion:113 Resp: 56208
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.326 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

Tgt Ion: 75 Resp: 10422
Ion Ratio Lower Upper
75 100
110 10.6 18.4 55.2#
77 0.0 24.5 36.7#

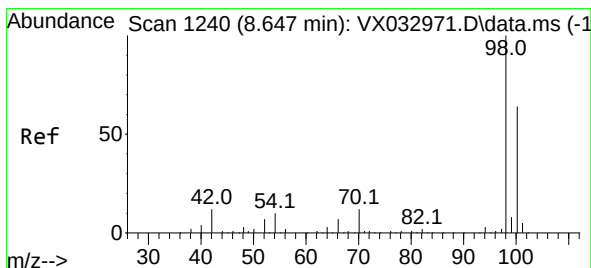
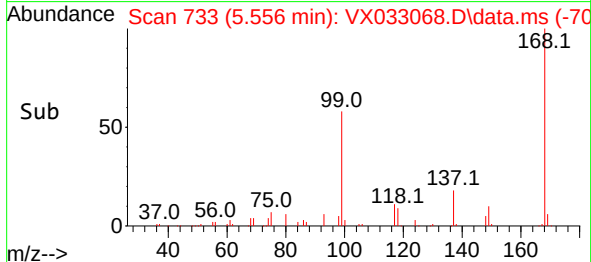
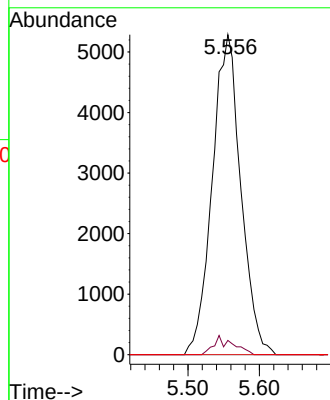
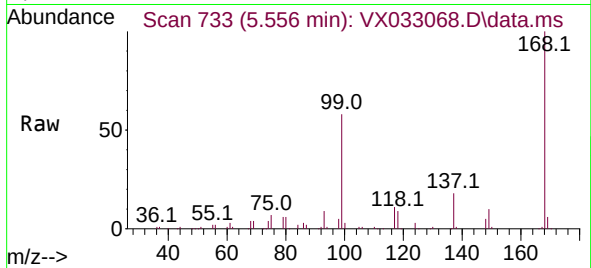




#38
Carbon Tetrachloride
Concen: 6.757 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

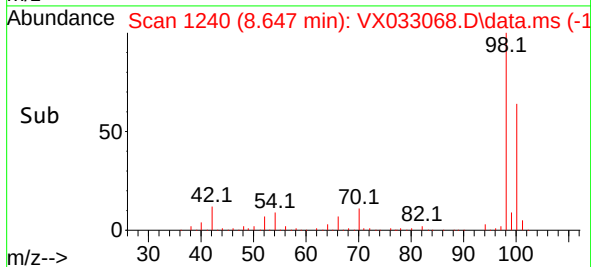
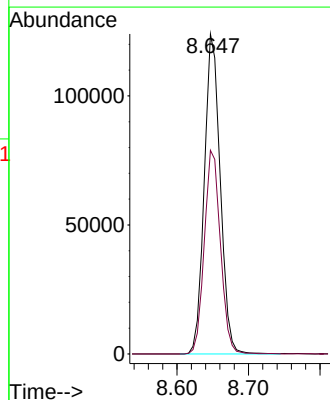
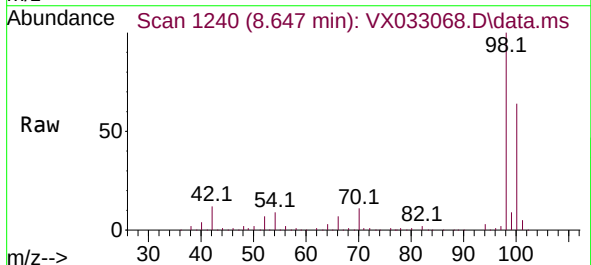
Instrument :
MSVOA_X
ClientSampleId :
TB112122

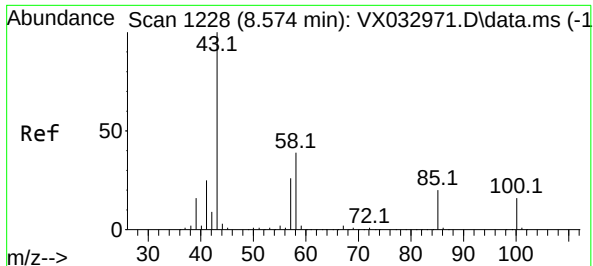
Tgt Ion:117 Resp: 14668
Ion Ratio Lower Upper
117 100
119 4.4 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 52.218 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

Tgt Ion: 98 Resp: 191917
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3

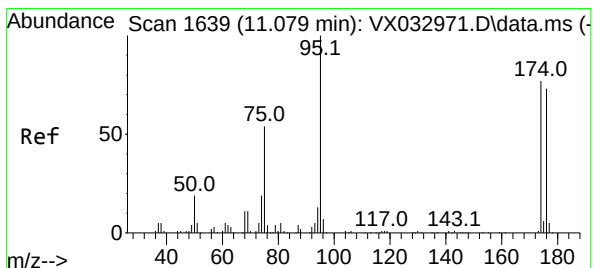
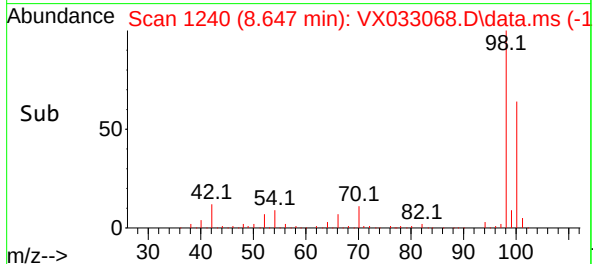
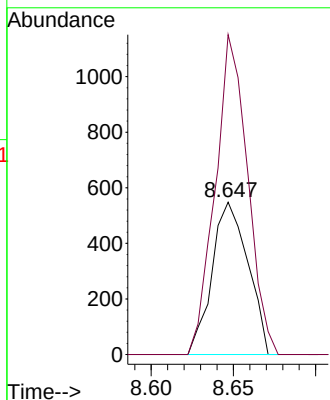
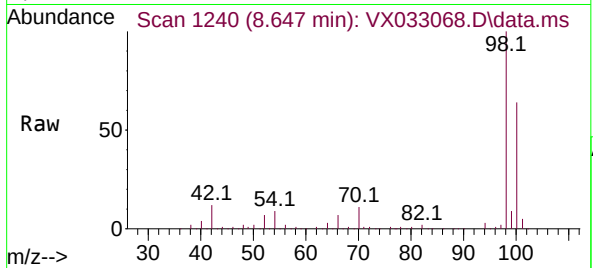




#51
4-Methyl-2-Pentanone
Concen: 0.478 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

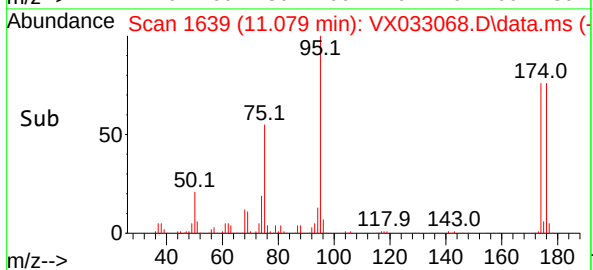
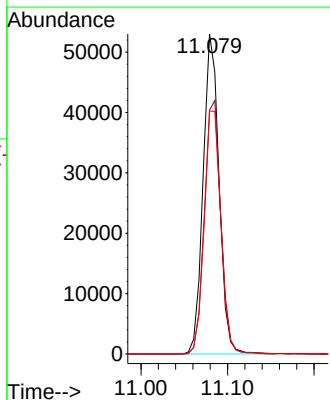
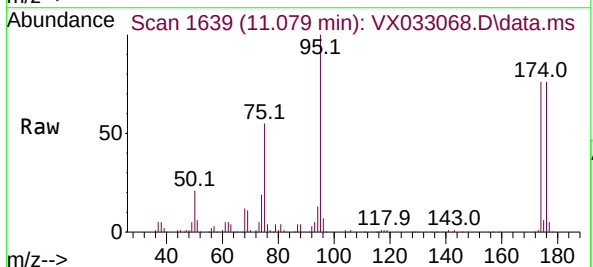
Instrument :
MSVOA_X
ClientSampleId :
TB112122

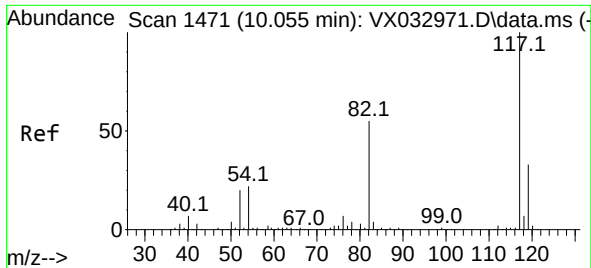
Tgt Ion: 43 Resp: 833
Ion Ratio Lower Upper
43 100
58 189.4 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 42.166 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

Tgt Ion: 95 Resp: 67783
Ion Ratio Lower Upper
95 100
174 81.6 0.0 164.0
176 79.6 0.0 154.4

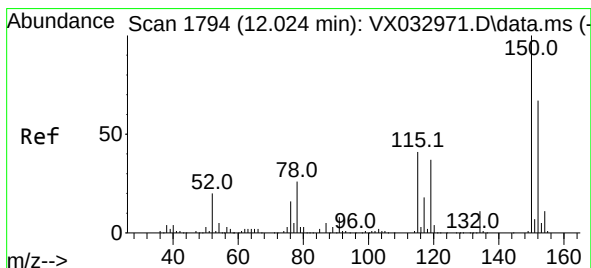
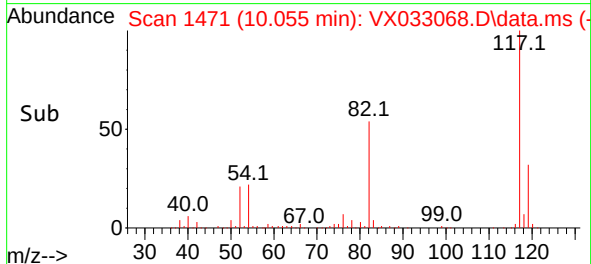
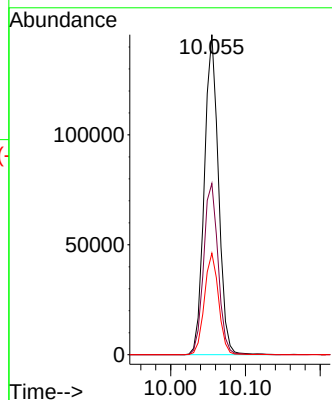
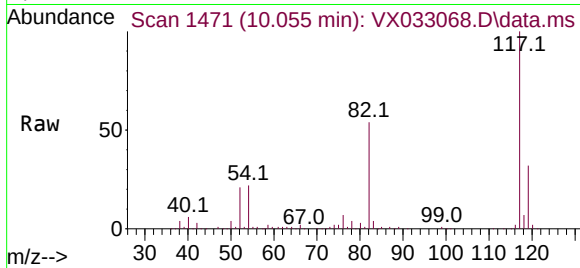




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

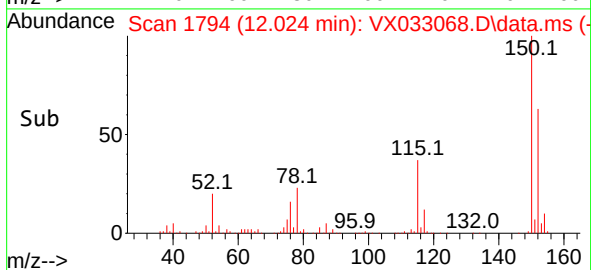
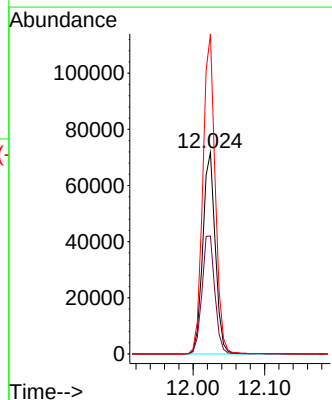
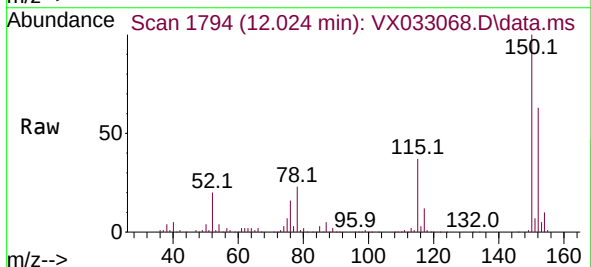
Instrument :
MSVOA_X
ClientSampleId :
TB112122

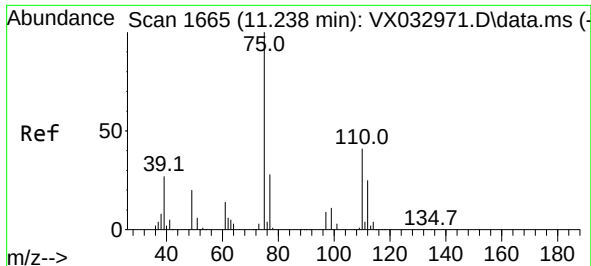
Tgt Ion:117 Resp: 190835
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

Tgt Ion:152 Resp: 87070
Ion Ratio Lower Upper
152 100
115 60.4 44.0 132.0
150 157.0 0.0 351.8

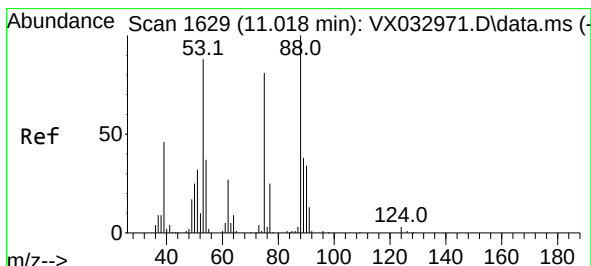
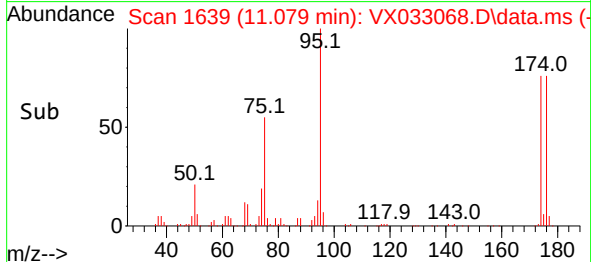
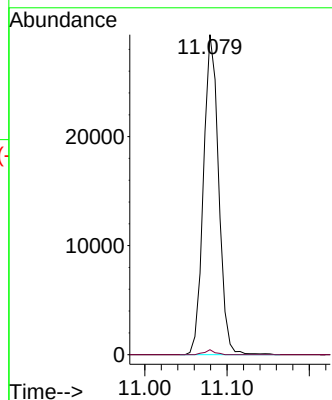
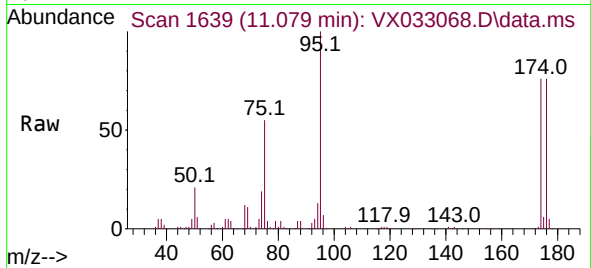




#76
1,2,3-Trichloropropane
Concen: 22.816 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

Instrument :
MSVOA_X
ClientSampleId :
TB112122

Tgt Ion: 75 Resp: 37622
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.161 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033068.D
Acq: 25 Nov 2022 15:18

Tgt Ion: 75 Resp: 37622
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

