

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034670.D
 Acq On : 22 Mar 2023 14:25
 Operator : JC/MD
 Sample : 01941-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20230314

Quant Time: Mar 23 07:53:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

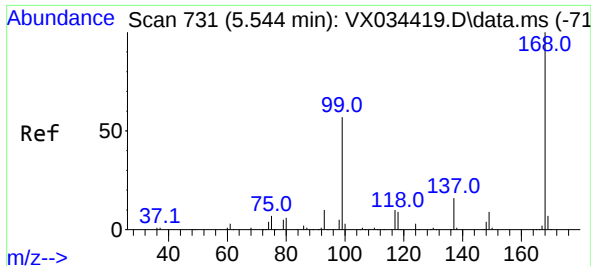
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	303578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	508157	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	446994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	211765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	210930	47.760	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.520%		
35) Dibromofluoromethane	5.379	113	154007	45.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.800%		
50) Toluene-d8	8.647	98	590342	47.134	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.260%		
62) 4-Bromofluorobenzene	11.079	95	212050	41.915	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.820%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	426	Below Cal	#	42
5) Bromomethane	1.587	94	389	0.200	ug/l #	38
9) 1,1,2-Trichlorotrifluo...	2.325	101	6056	1.795	ug/l	93
11) Tert butyl alcohol	2.941	59	2492	2.710	ug/l #	73
12) 1,1-Dichloroethene	2.313	96	2617	0.787	ug/l #	67
16) Acetone	2.374	43	968	0.465	ug/l #	86
20) Methylene Chloride	2.782	84	948	0.235	ug/l	88
27) cis-1,2-Dichloroethene	4.495	96	1365	0.321	ug/l	85
31) Cyclohexane	5.544	56	7319	1.182	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	25304	4.910	ug/l #	46
38) Carbon Tetrachloride	5.544	117	31118	6.070	ug/l #	15
39) Methylcyclohexane	7.117	83	5324	0.863	ug/l #	1
44) Trichloroethene	7.123	130	439388	112.178	ug/l	98
51) 4-Methyl-2-Pentanone	8.641	43	3049	0.551	ug/l #	1
60) Dibromochloromethane	9.275	129	1200	0.309	ug/l #	10
64) Tetrachloroethene	9.269	164	1298	0.432	ug/l #	89
76) 1,2,3-Trichloropropane	11.079	75	112763	23.191	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	112763	62.739	ug/l #	8

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

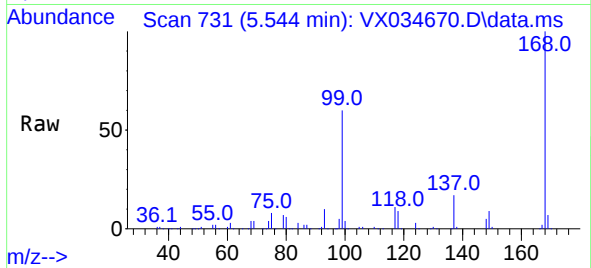
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration



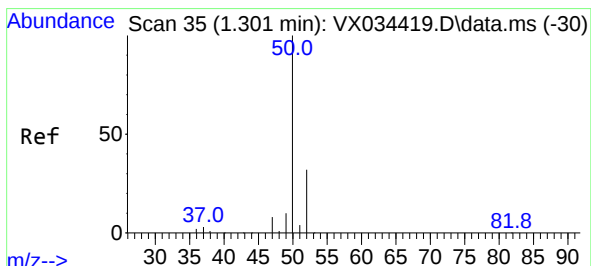
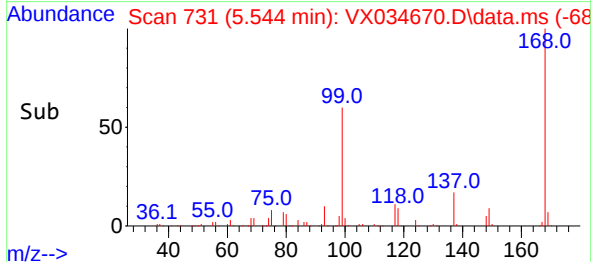
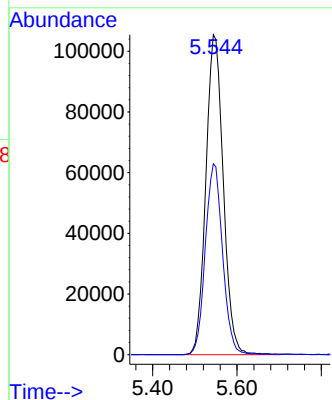


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230314

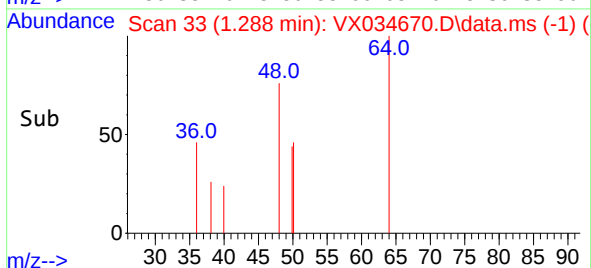
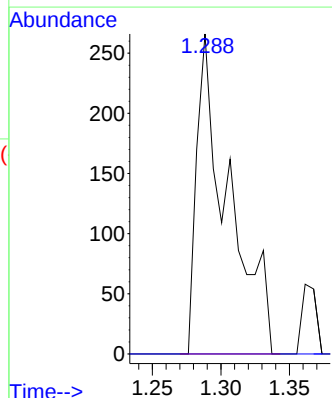
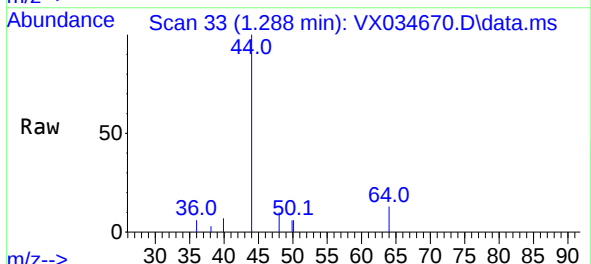


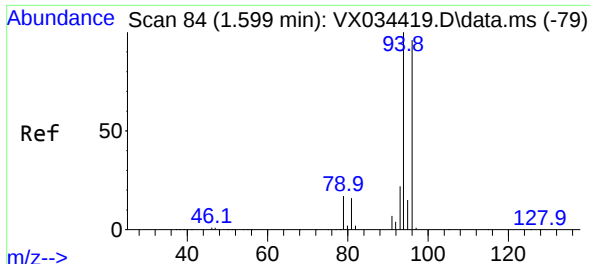
Tgt Ion:168 Resp: 303578
Ion Ratio Lower Upper
168 100
99 59.6 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

Tgt Ion: 50 Resp: 426
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

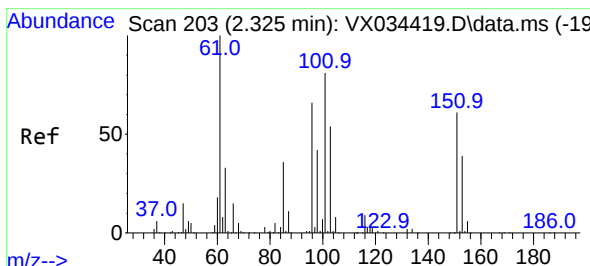
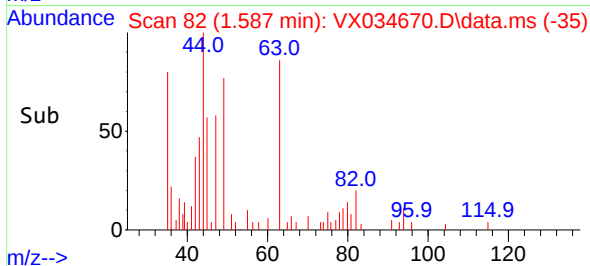
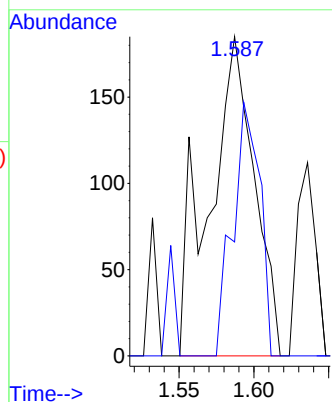
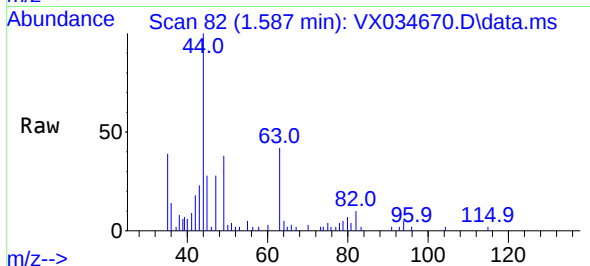




#5
Bromomethane
Concen: 0.200 ug/l
RT: 1.587 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

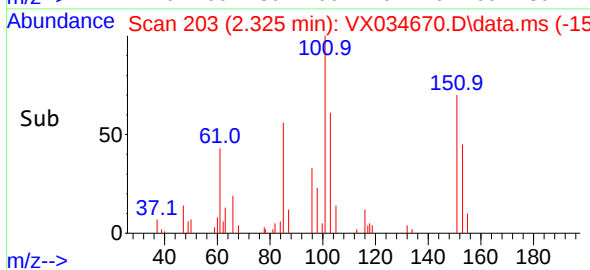
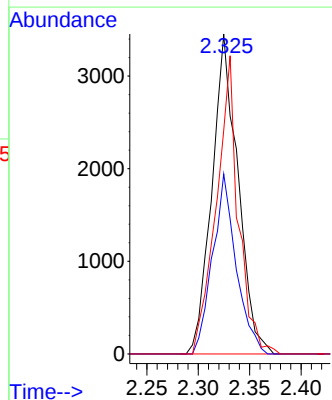
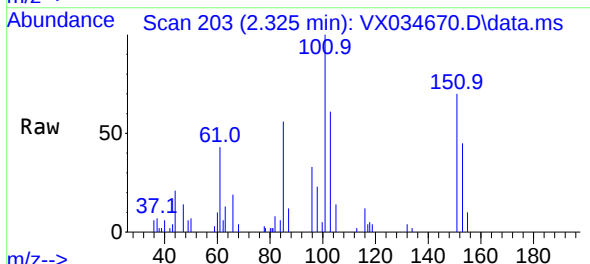
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230314

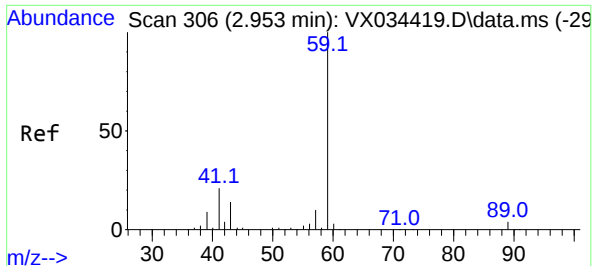
Tgt Ion: 94 Resp: 389
Ion Ratio Lower Upper
94 100
96 35.7 77.0 115.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.795 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

Tgt Ion:101 Resp: 6056
Ion Ratio Lower Upper
101 100
85 51.2 35.4 53.2
151 79.3 60.2 90.4

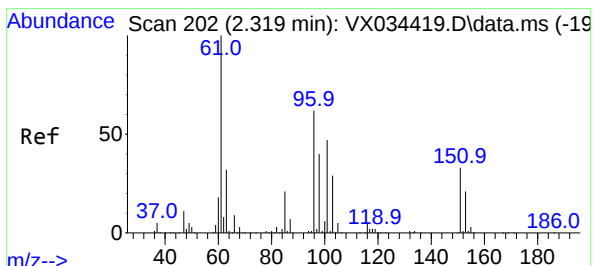
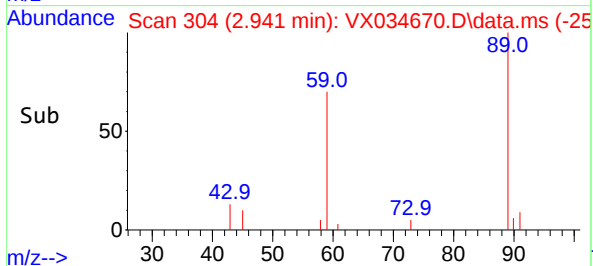
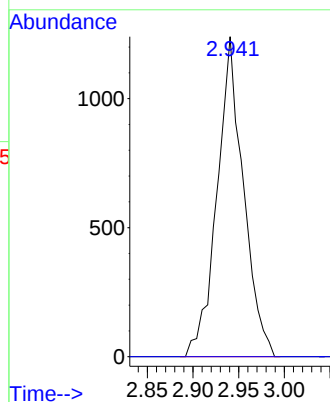
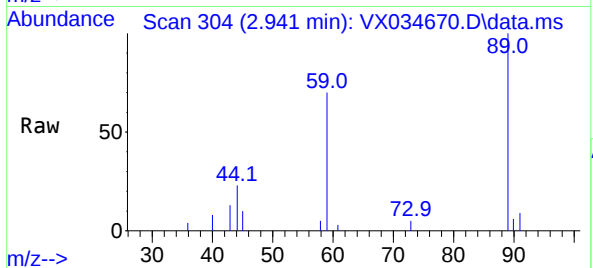




#11
Tert butyl alcohol
Concen: 2.710 ug/l
RT: 2.941 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

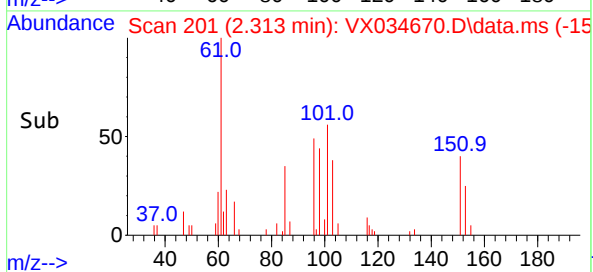
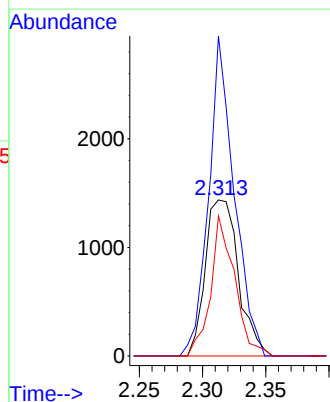
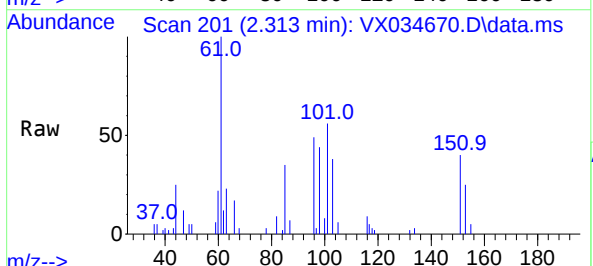
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230314

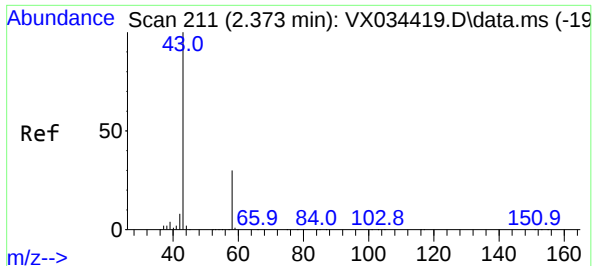
Tgt Ion: 59 Resp: 2492
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 0.787 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

Tgt Ion: 96 Resp: 2617
Ion Ratio Lower Upper
96 100
61 205.1 128.8 193.2#
98 89.8 51.4 77.0#

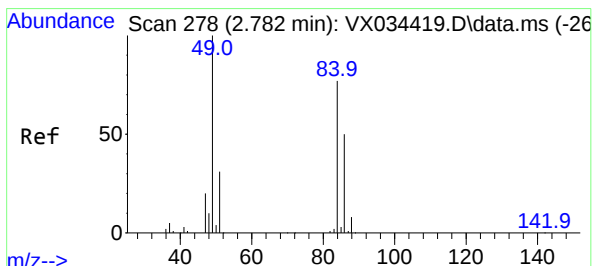
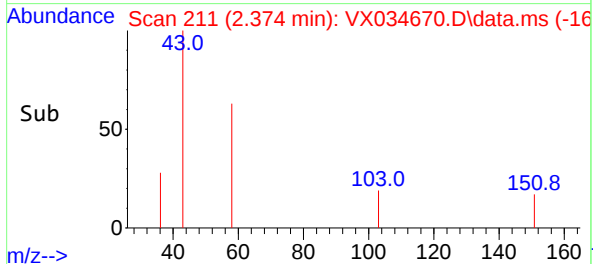
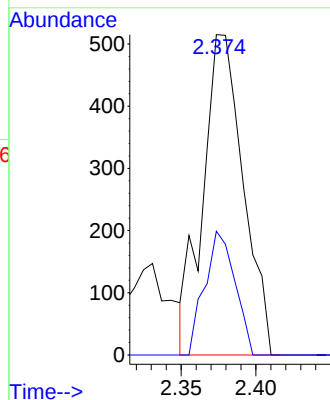
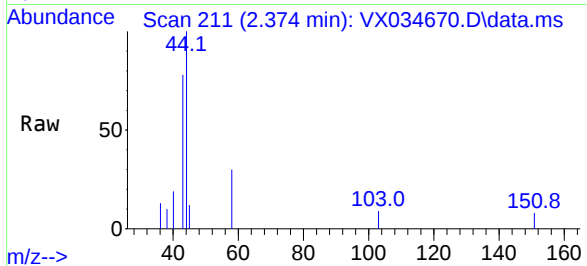




#16
Acetone
Concen: 0.465 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

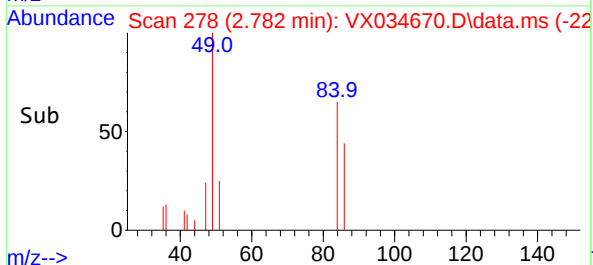
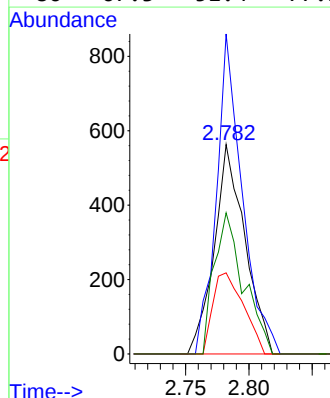
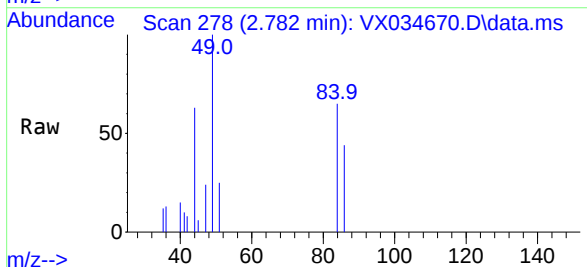
Instrument :
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ClientSampleId :
TT101D2-20230314

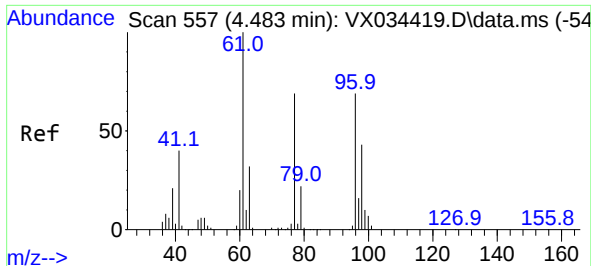
Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
58 38.6 24.7 37.1#



#20
Methylene Chloride
Concen: 0.235 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

Tgt Ion: 84 Resp: 948
Ion Ratio Lower Upper
84 100
49 152.8 103.8 155.8
51 38.7 31.8 47.8
86 67.3 51.4 77.2





#27

cis-1,2-Dichloroethene

Concen: 0.321 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX034670.D

Acq: 22 Mar 2023 14:25

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20230314

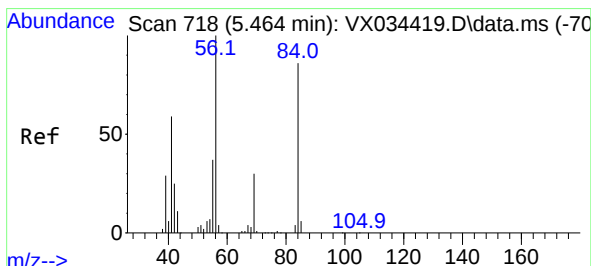
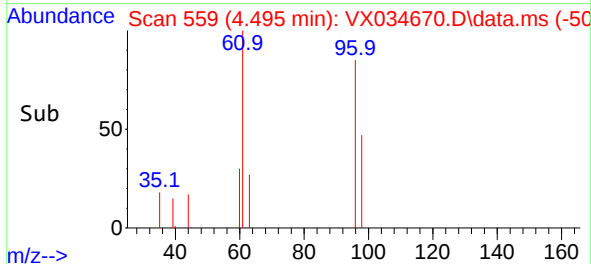
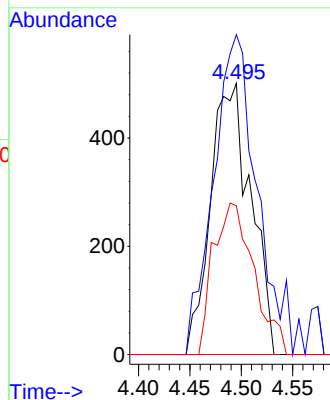
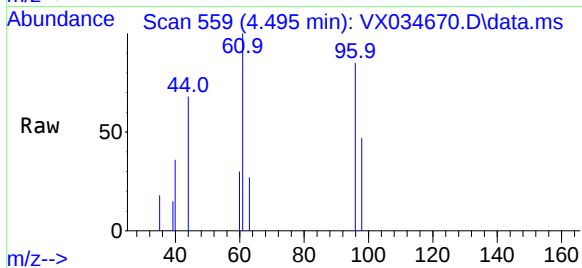
Tgt Ion: 96 Resp: 1365

Ion Ratio Lower Upper

96 100

61 128.6 0.0 300.4

98 56.1 0.0 129.0



#31

Cyclohexane

Concen: 1.182 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX034670.D

Acq: 22 Mar 2023 14:25

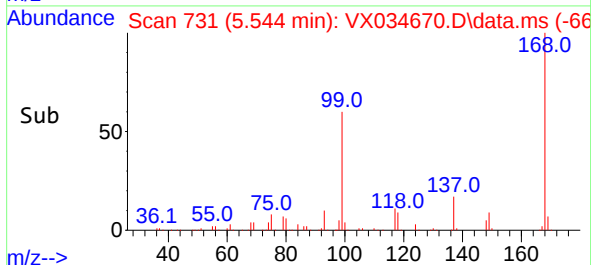
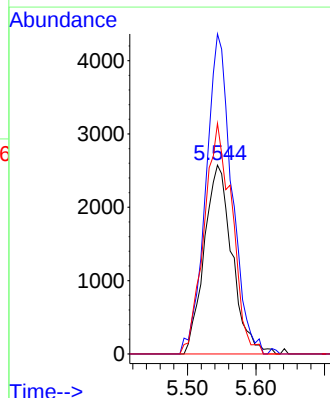
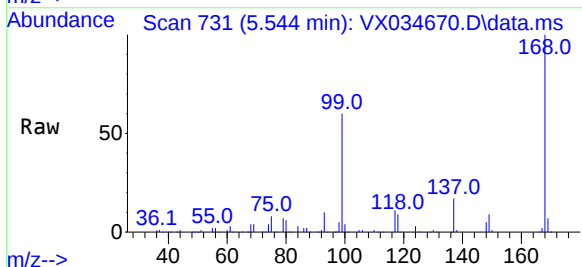
Tgt Ion: 56 Resp: 7319

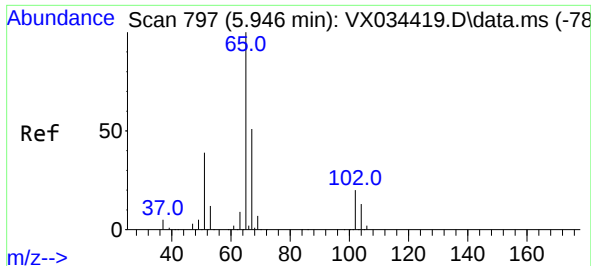
Ion Ratio Lower Upper

56 100

69 169.5 23.7 35.5#

84 122.2 68.5 102.7#

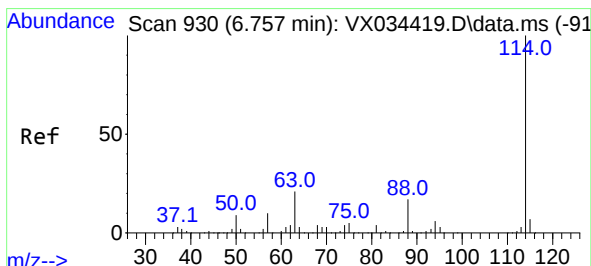
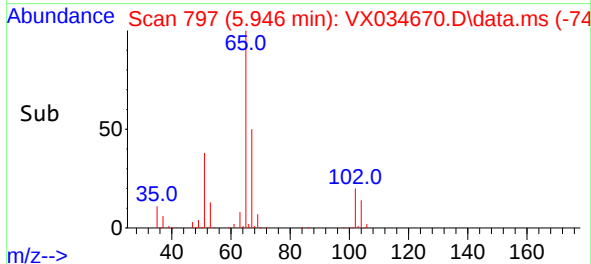
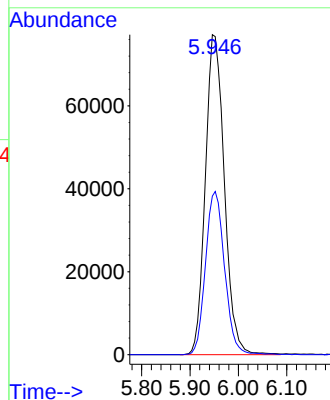
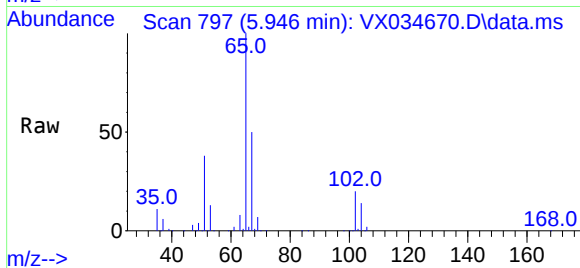




#33
1,2-Dichloroethane-d4
Concen: 47.760 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

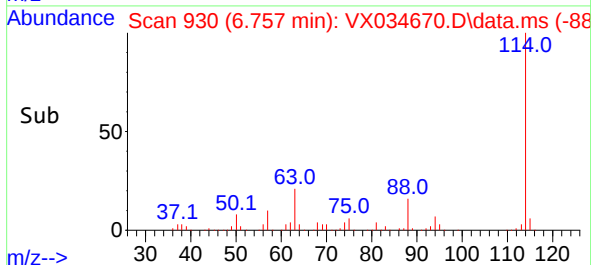
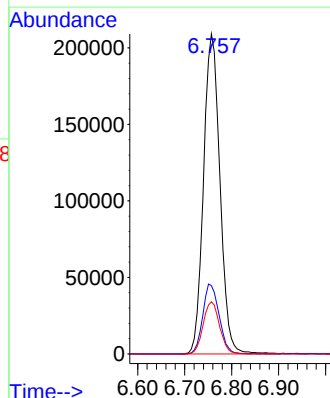
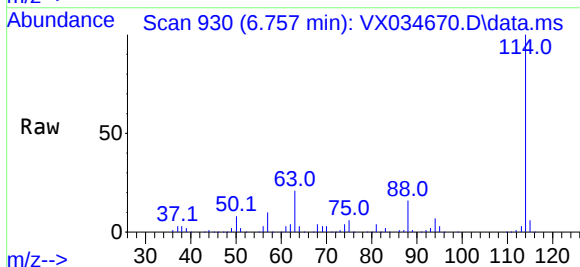
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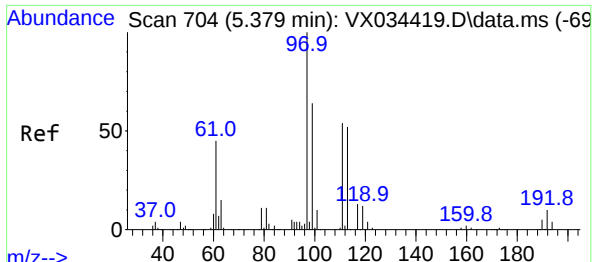
Tgt Ion: 65 Resp: 210930
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

Tgt Ion: 114 Resp: 508157
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.2
88 16.3 0.0 33.2

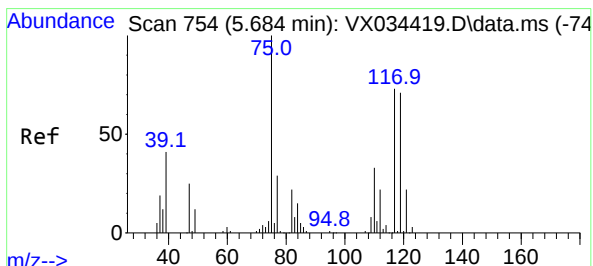
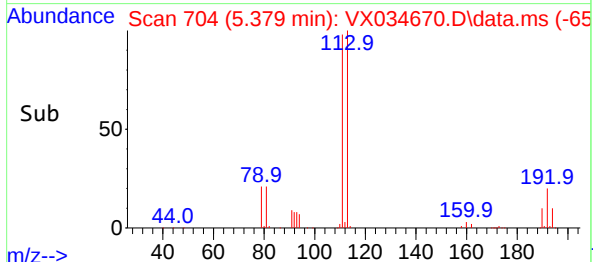
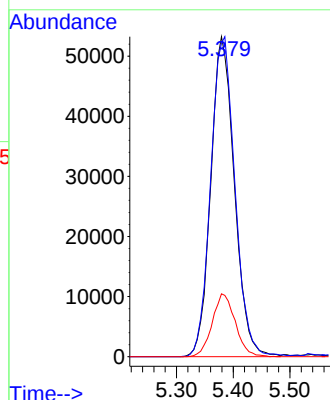
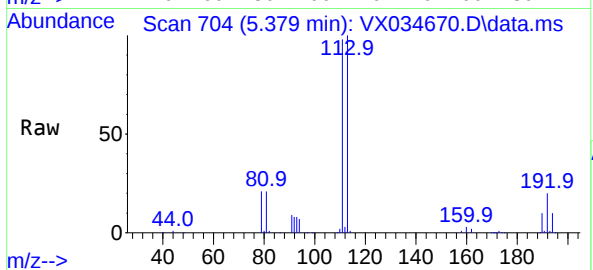




#35
Dibromofluoromethane
Concen: 45.902 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

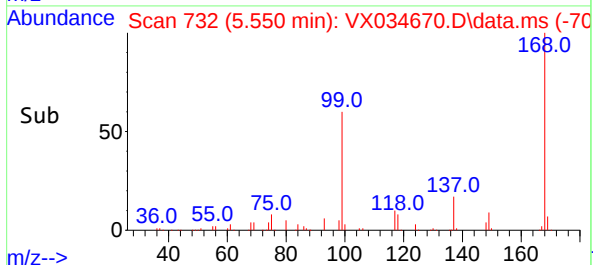
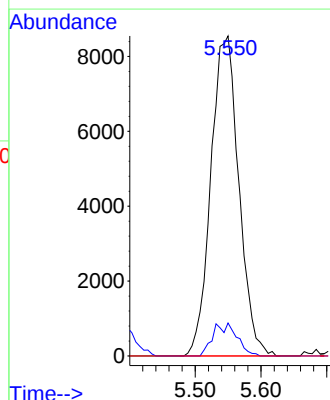
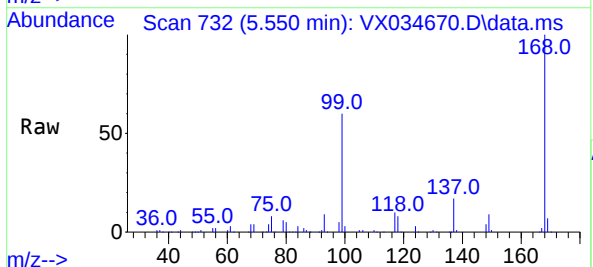
Instrument :
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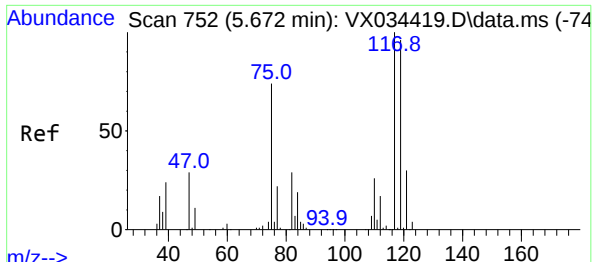
Tgt Ion:113 Resp: 154007
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 19.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.910 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

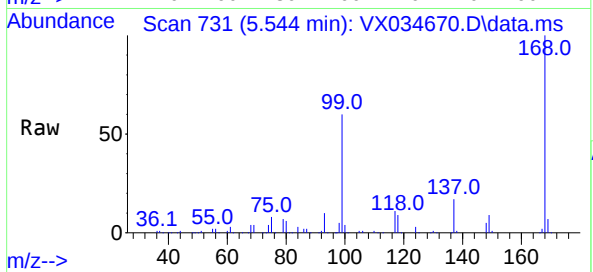
Tgt Ion: 75 Resp: 25304
Ion Ratio Lower Upper
75 100
110 4.5 17.5 52.5#
77 0.0 24.3 36.5#



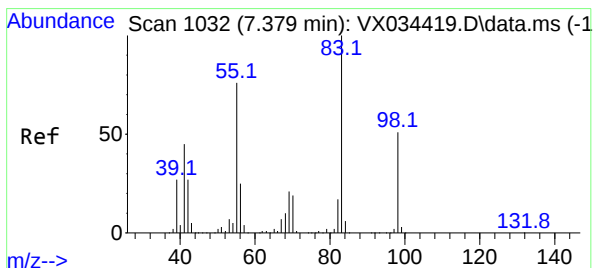
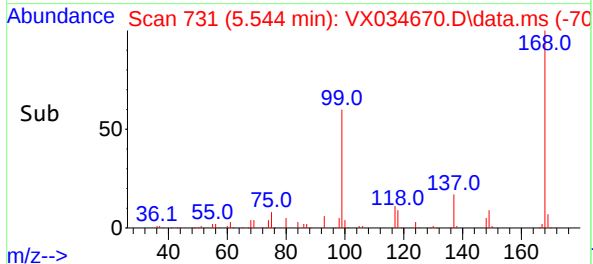
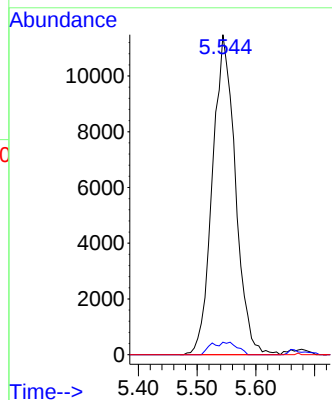


#38
Carbon Tetrachloride
Concen: 6.070 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230314

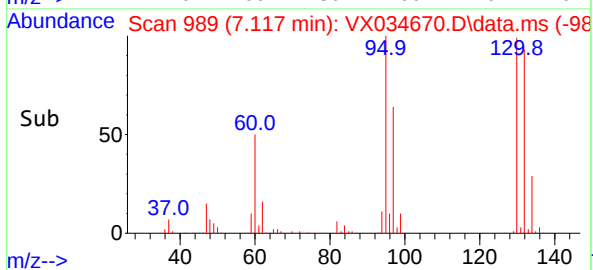
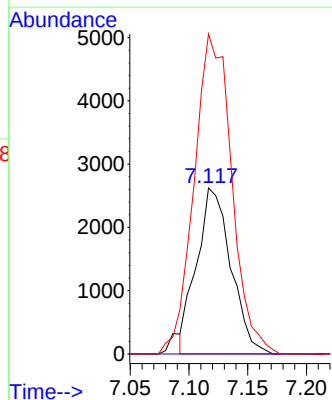
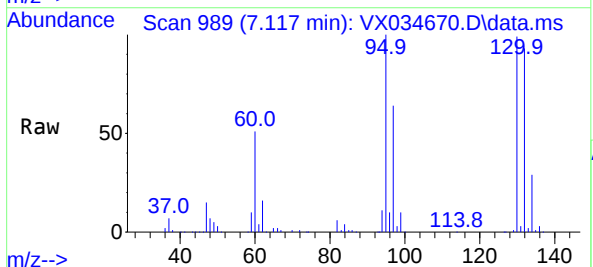


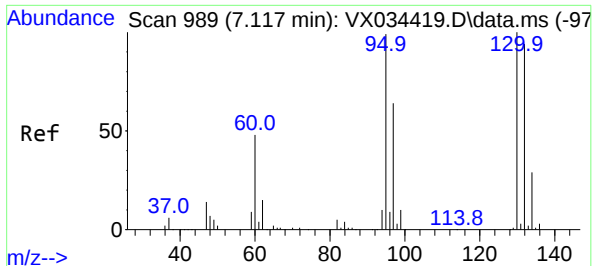
Tgt Ion:117 Resp: 31118
Ion Ratio Lower Upper
117 100
119 3.9 76.6 114.8#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 0.863 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.262 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

Tgt Ion: 83 Resp: 5324
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 192.8 40.4 60.6#

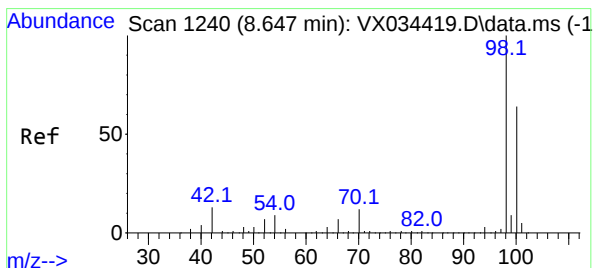
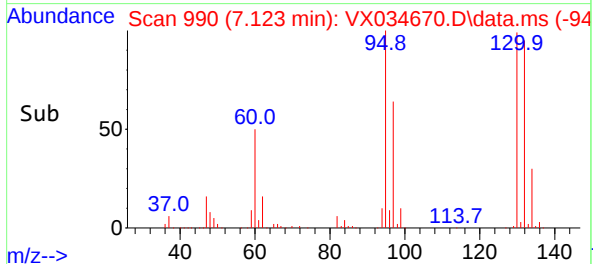
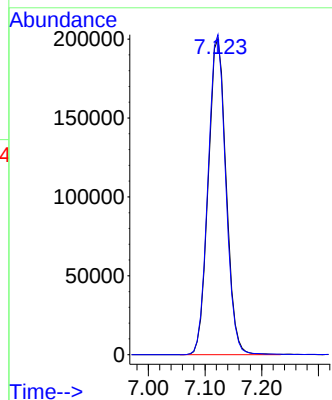
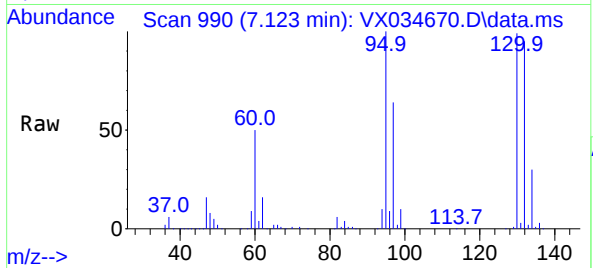




#44
Trichloroethene
Concen: 112.178 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

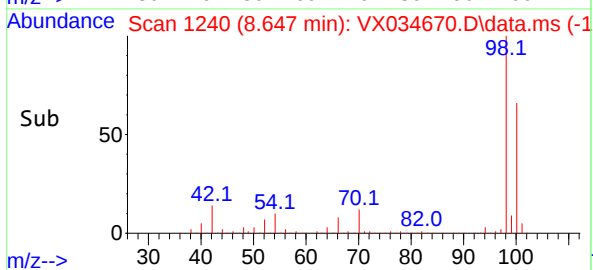
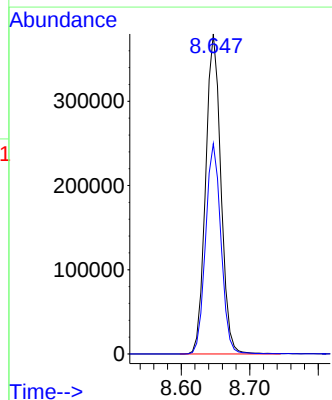
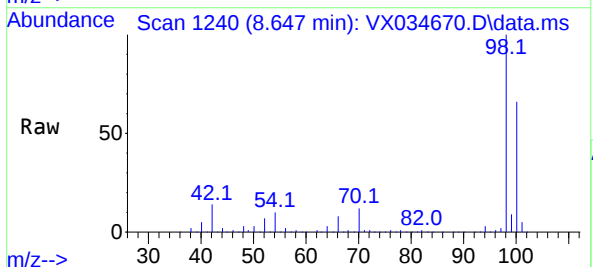
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230314

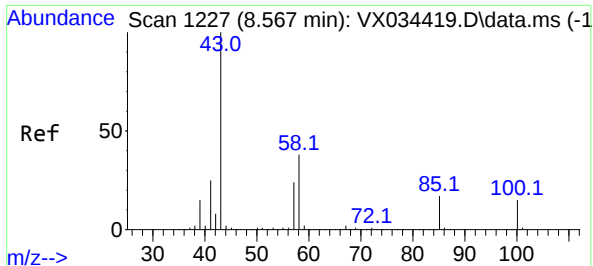
Tgt Ion:130 Resp: 439388
Ion Ratio Lower Upper
130 100
95 101.2 0.0 198.4



#50
Toluene-d8
Concen: 47.134 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

Tgt Ion: 98 Resp: 590342
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

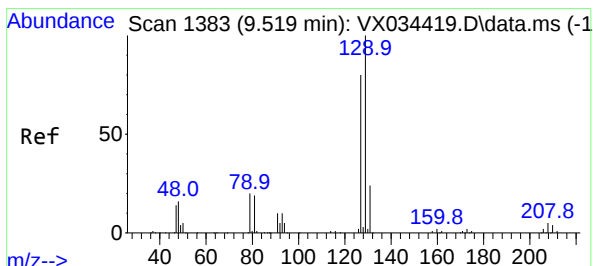
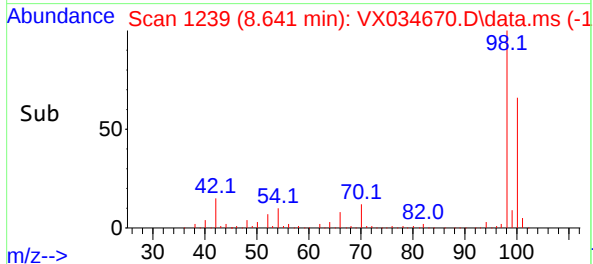
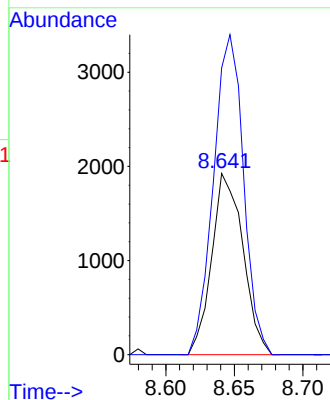
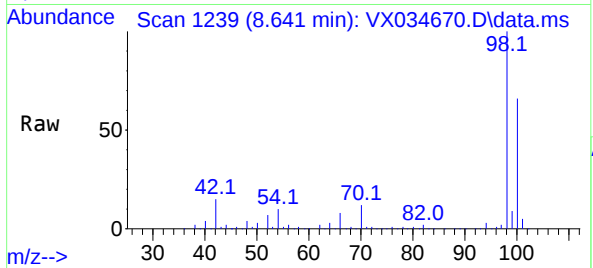




#51
4-Methyl-2-Pentanone
Concen: 0.551 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

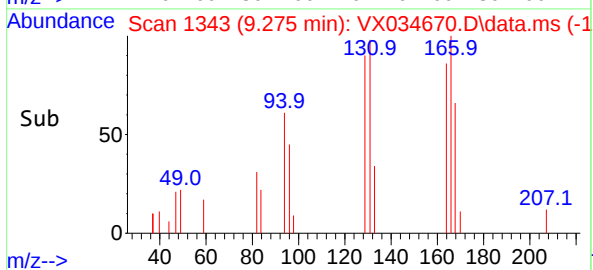
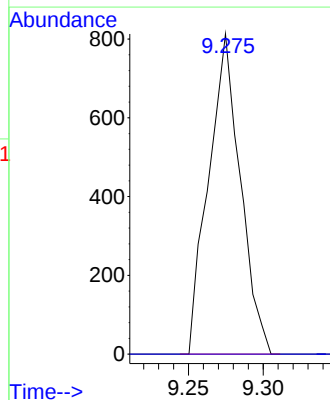
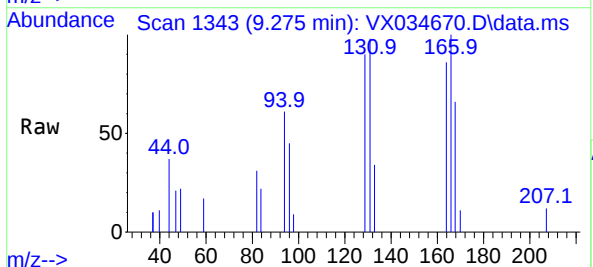
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230314

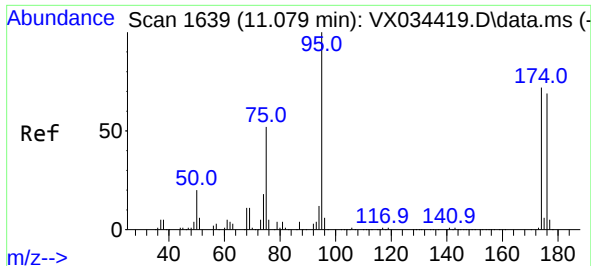
Tgt Ion: 43 Resp: 3049
Ion Ratio Lower Upper
43 100
58 170.2 30.6 46.0#



#60
Dibromochloromethane
Concen: 0.309 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

Tgt Ion: 129 Resp: 1200
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

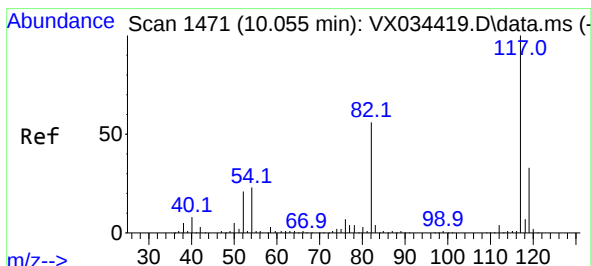
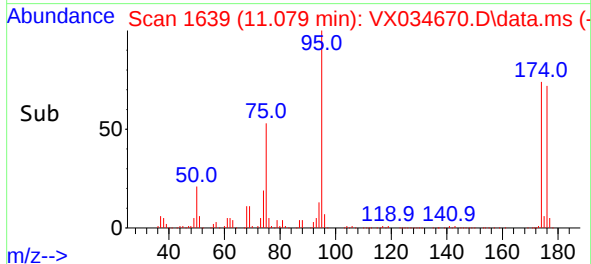
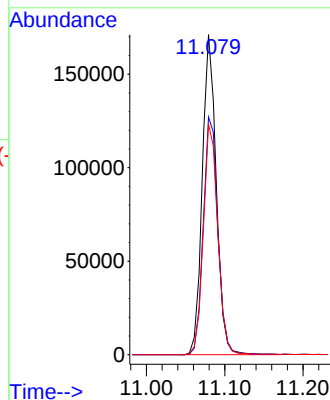
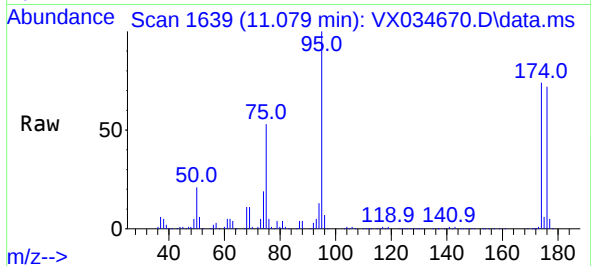




#62
4-Bromofluorobenzene
Concen: 41.915 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

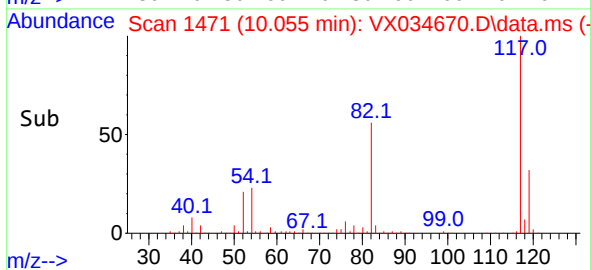
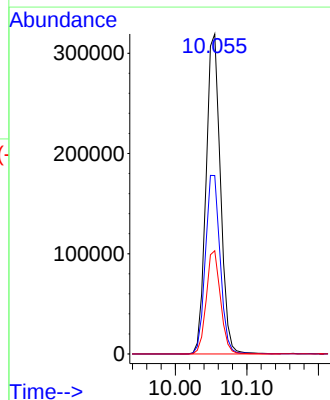
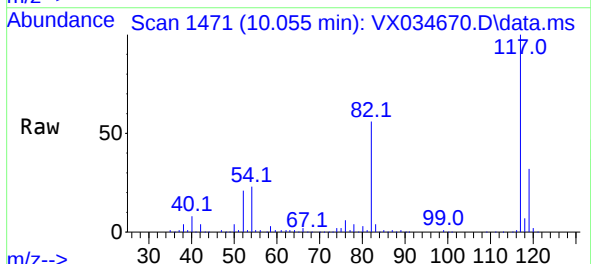
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230314

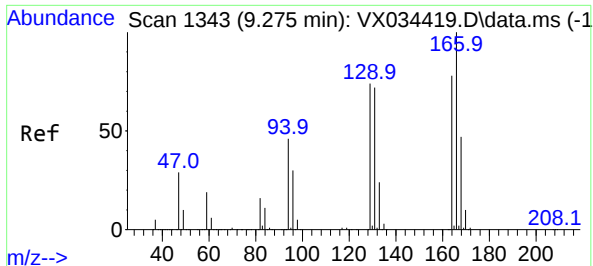
Tgt Ion: 95 Resp: 212050
Ion Ratio Lower Upper
95 100
174 77.4 0.0 147.4
176 74.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

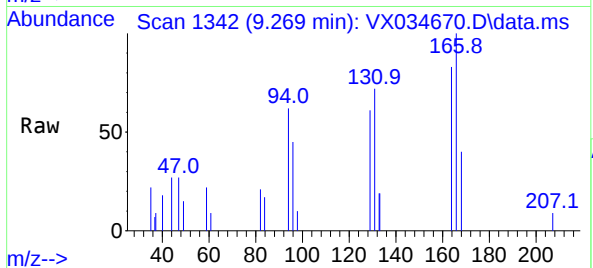
Tgt Ion: 117 Resp: 446994
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 32.3 26.0 39.0





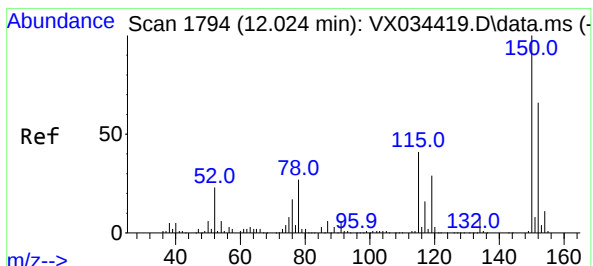
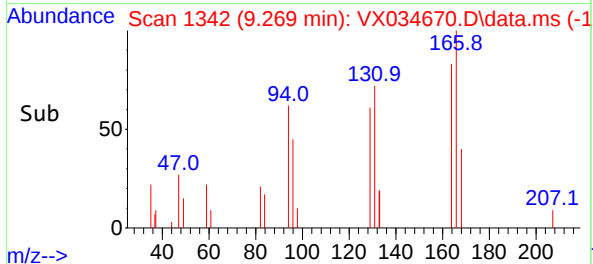
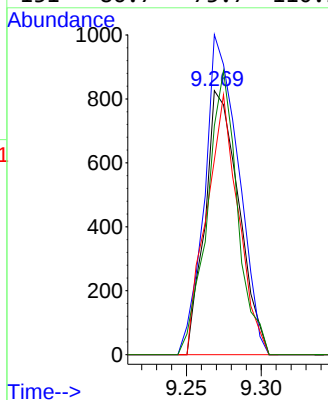
#64
Tetrachloroethene
Concen: 0.432 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230314



Tgt Ion:164 Resp: 1298

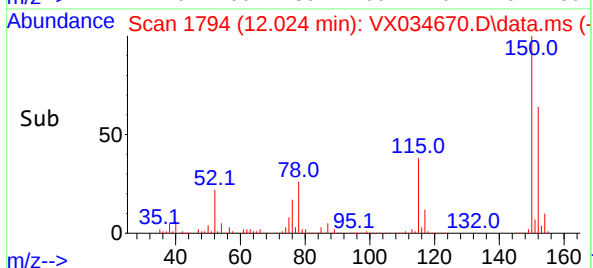
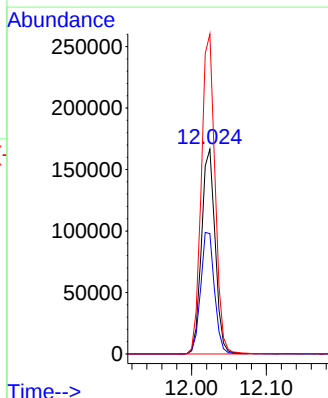
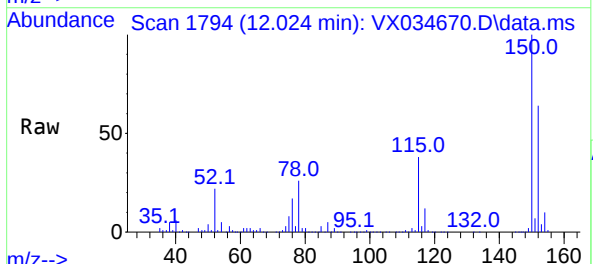
Ion	Ratio	Lower	Upper
164	100		
166	121.2	102.7	154.1
129	73.7	75.6	113.4#
131	86.7	73.7	110.5

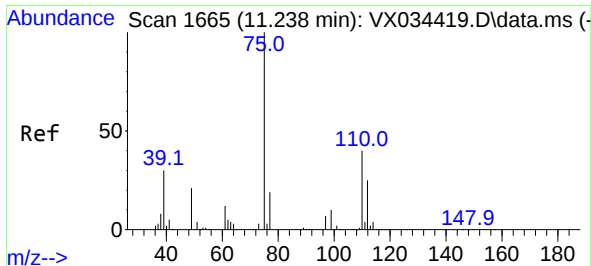


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

Tgt Ion:152 Resp: 211765

Ion	Ratio	Lower	Upper
152	100		
115	60.0	45.0	135.0
150	157.0	0.0	352.4

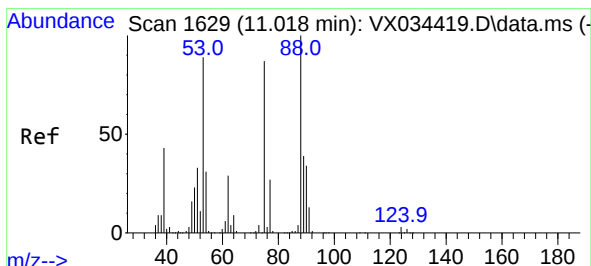
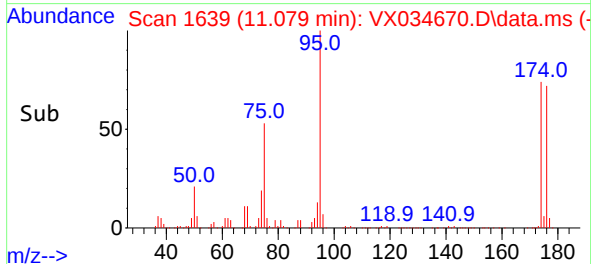
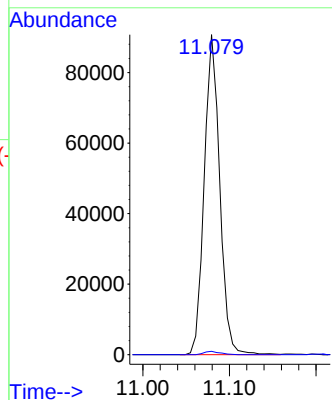
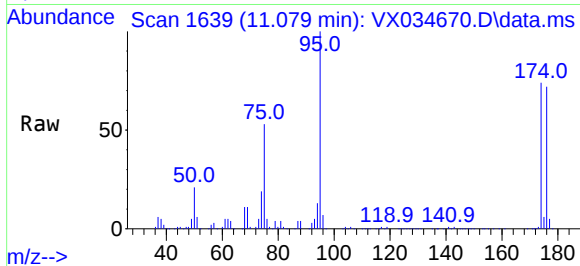




#76
1,2,3-Trichloropropane
Concen: 23.191 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230314

Tgt Ion: 75 Resp: 112763
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

Tgt Ion: 75 Resp: 112763
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

