

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024031.D
 Acq On : 31 Aug 2021 09:58
 Operator : JC/MD
 Sample : VX0831WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBL01

Quant Time: Sep 01 04:57:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

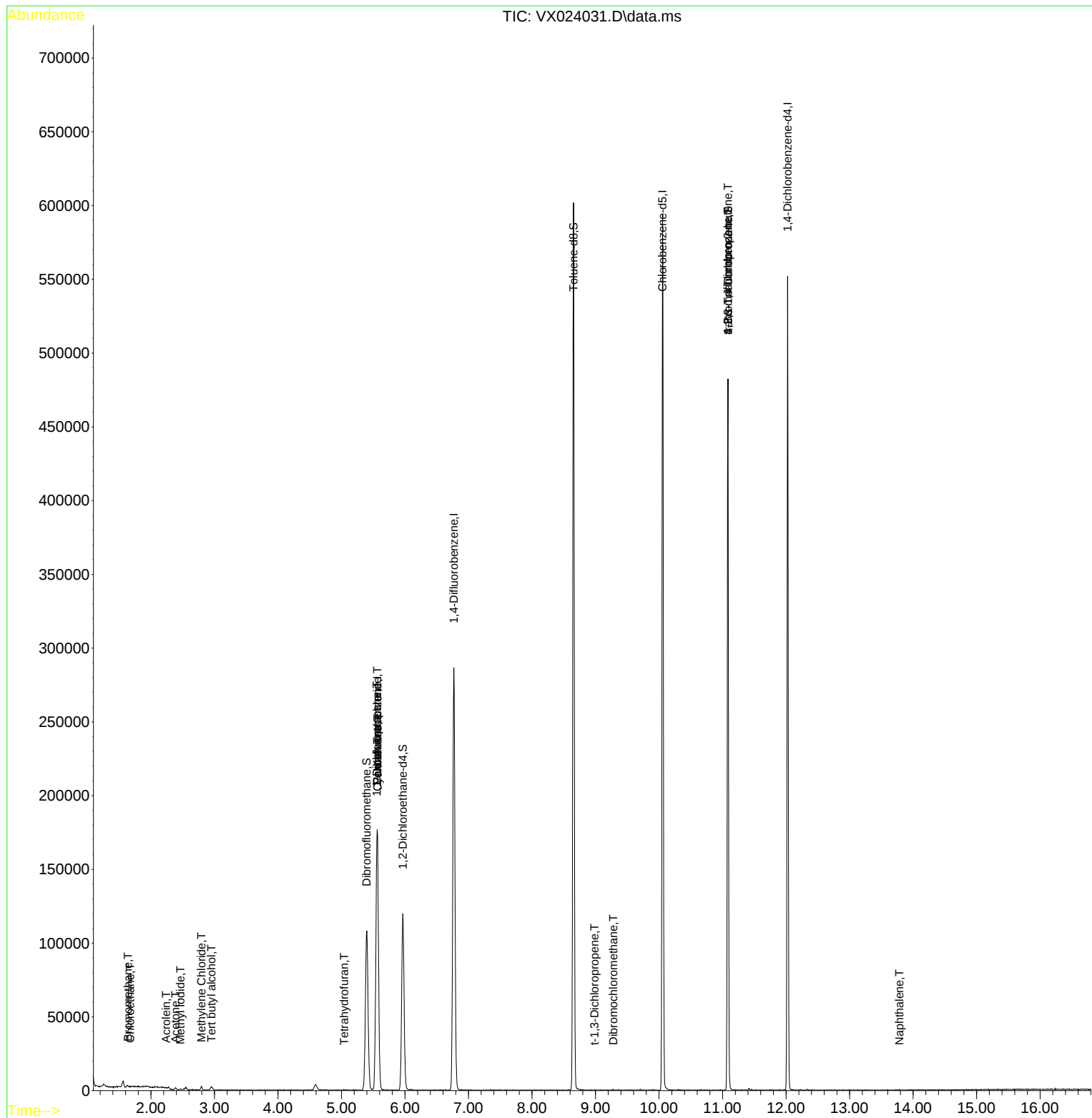
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	165478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	278578	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	119318	51.663	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.320%
35) Dibromofluoromethane	5.397	113	91999	49.895	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.800%
50) Toluene-d8	8.653	98	342563	48.814	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.085	95	123119	47.657	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.320%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	688	0.585	ug/l #	79
6) Chloroethane	1.672	64	190	2.334	ug/l #	43
10) Methyl Iodide	2.465	142	729	0.315	ug/l #	86
11) Tert butyl alcohol	2.953	59	1667	3.569	ug/l #	73
13) Acrolein	2.239	56	87	0.313	ug/l #	55
16) Acetone	2.386	43	1439	1.393	ug/l #	84
20) Methylene Chloride	2.794	84	1074	0.544	ug/l #	82
29) Tetrahydrofuran	5.044	42	334	0.330	ug/l #	38
31) Cyclohexane	5.568	56	3738	1.260	ug/l #	30
36) 1,1-Dichloropropene	5.556	75	13863	5.374	ug/l #	47
38) Carbon Tetrachloride	5.562	117	16945	6.299	ug/l #	16
53) t-1,3-Dichloropropene	8.982	75	48	2.151	ug/l #	44
60) Dibromochloromethane	9.281	129	21	1.697	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	66877	26.684	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	66877	78.491	ug/l #	12
95) Naphthalene	13.786	128	265	1.315	ug/l #	69

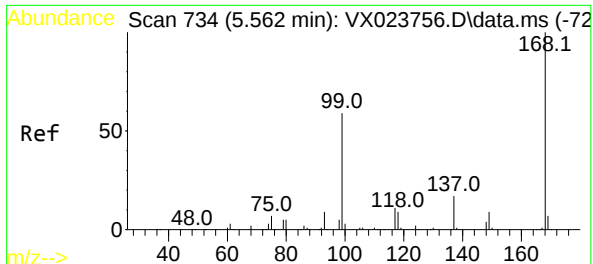
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 01 04:57:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

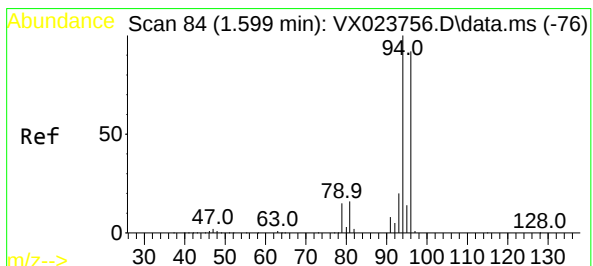
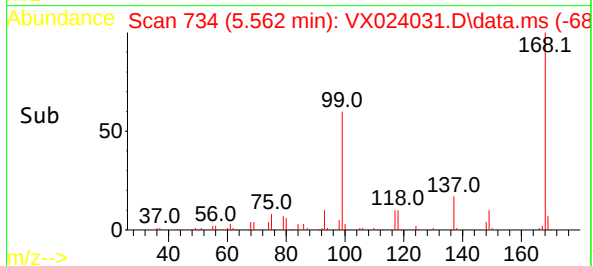
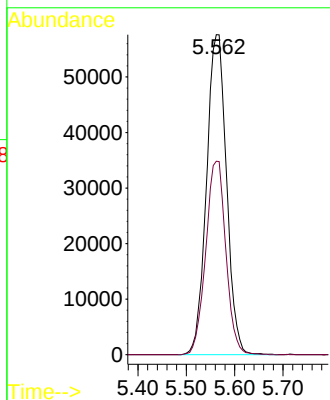
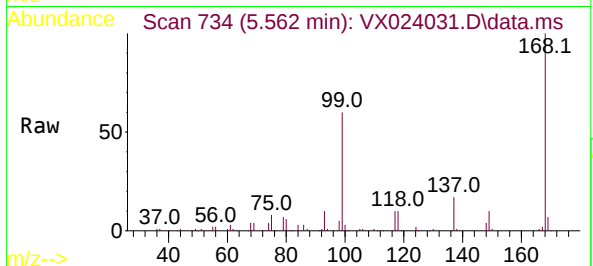




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

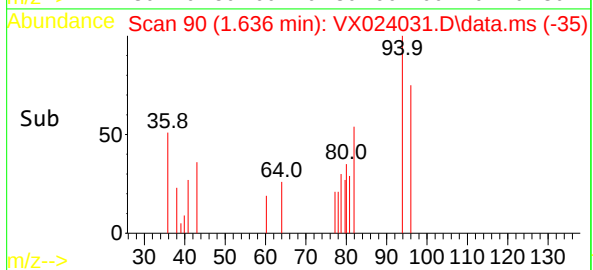
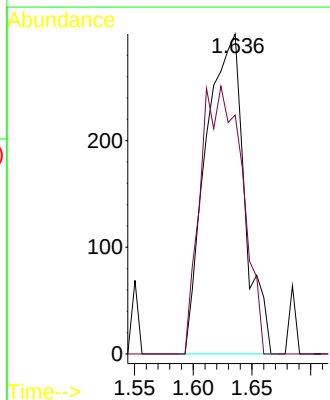
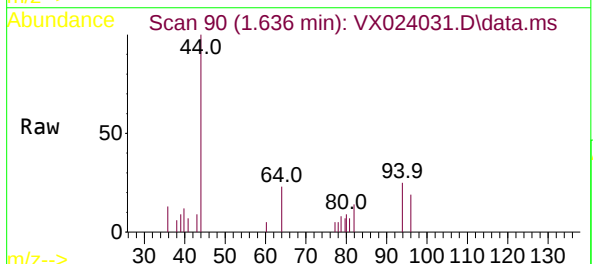
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL01

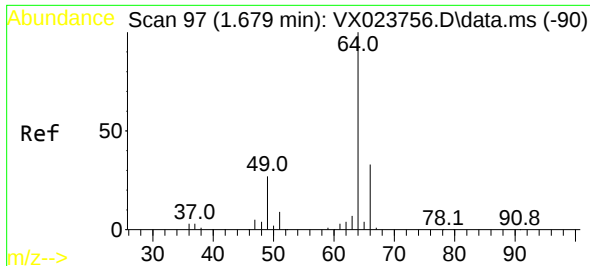
Tgt Ion:168 Resp: 165478
Ion Ratio Lower Upper
168 100
99 60.5 45.8 68.6



#5
Bromomethane
Concen: 0.585 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.037 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

Tgt Ion: 94 Resp: 688
Ion Ratio Lower Upper
94 100
96 74.7 76.4 114.6#

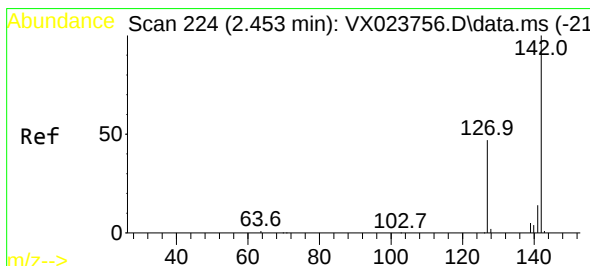
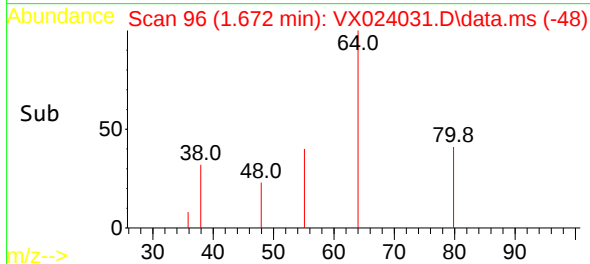
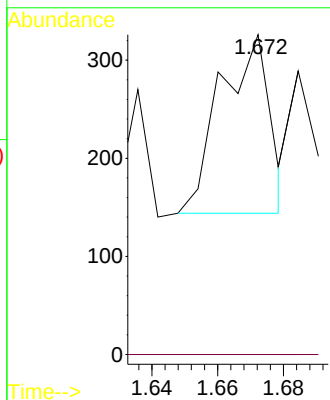
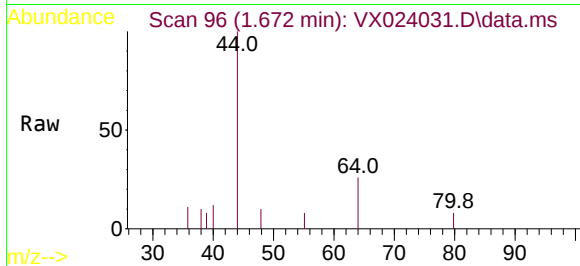




#6
Chloroethane
Concen: 2.334 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

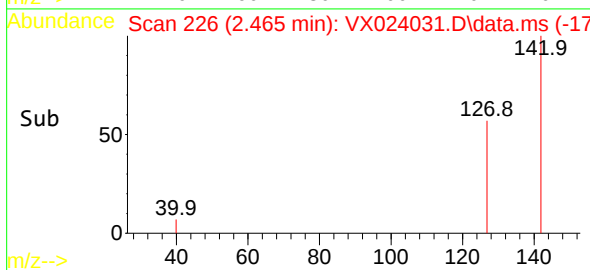
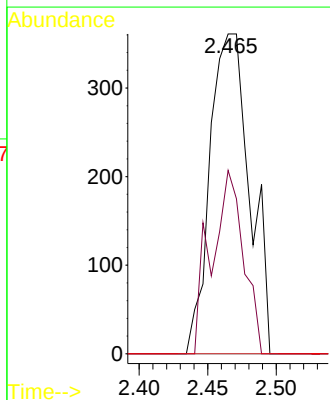
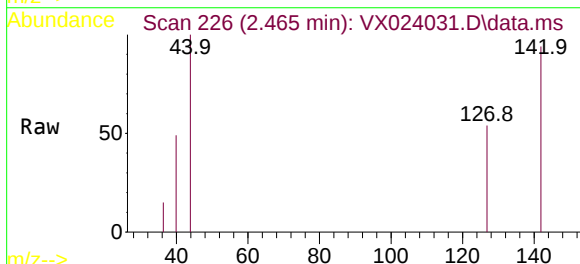
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL01

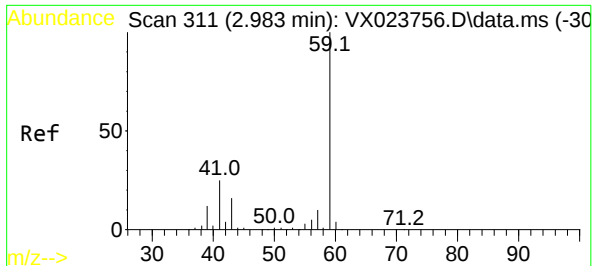
Tgt Ion: 64 Resp: 190
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.315 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

Tgt Ion: 142 Resp: 729
Ion Ratio Lower Upper
142 100
127 46.4 33.3 49.9
141 0.0 11.4 17.0#



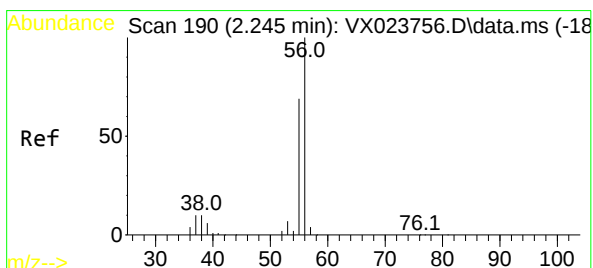
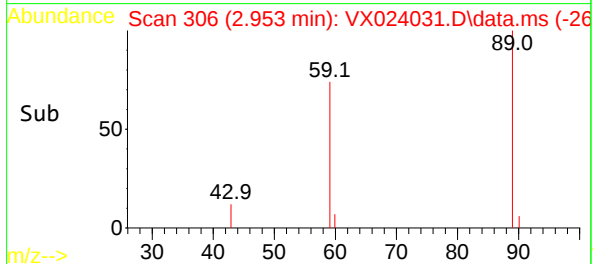
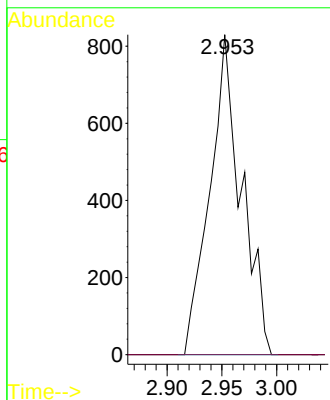
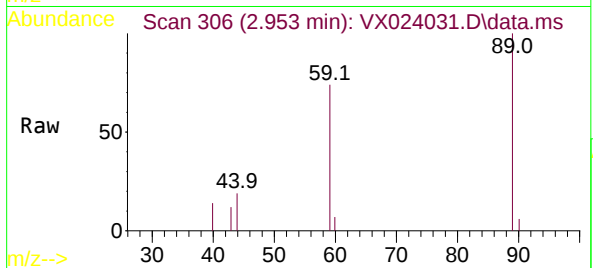


#11

Tert butyl alcohol
Concen: 3.569 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL01

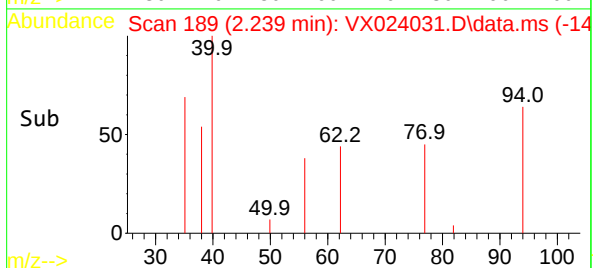
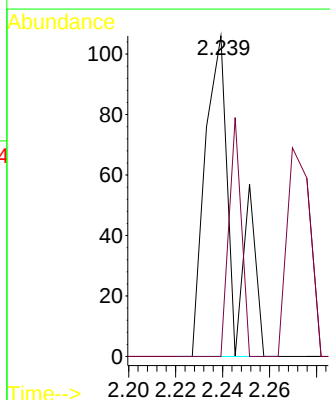
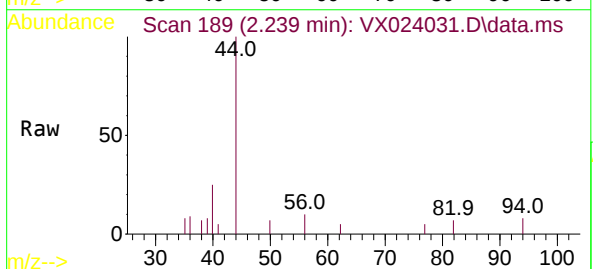
Tgt Ion: 59 Resp: 1667
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

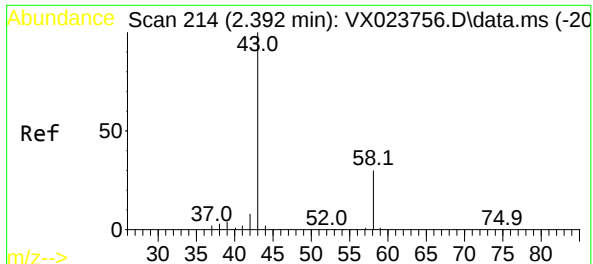


#13

Acrolein
Concen: 0.313 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

Tgt Ion: 56 Resp: 87
Ion Ratio Lower Upper
56 100
55 33.3 56.4 84.6#

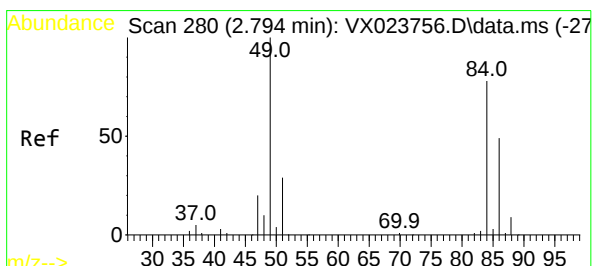
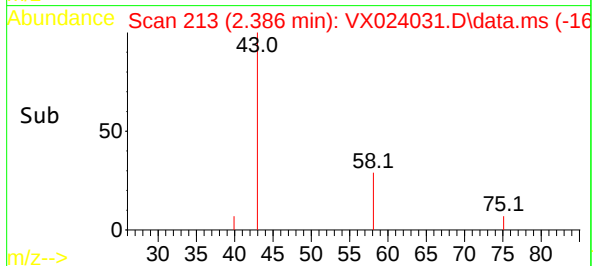
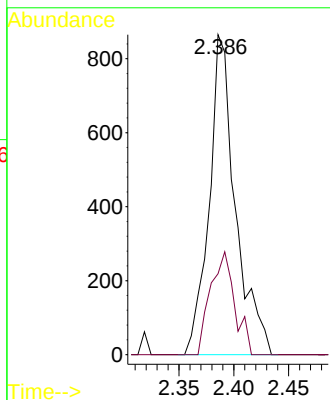
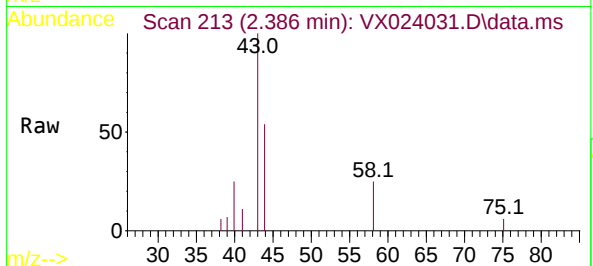




#16
Acetone
Concen: 1.393 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

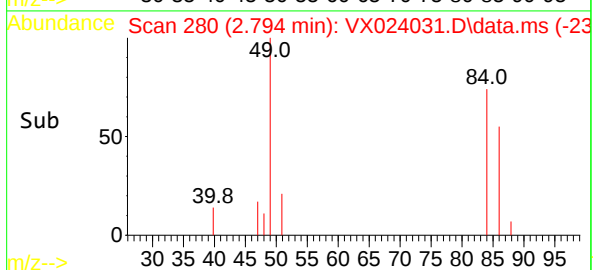
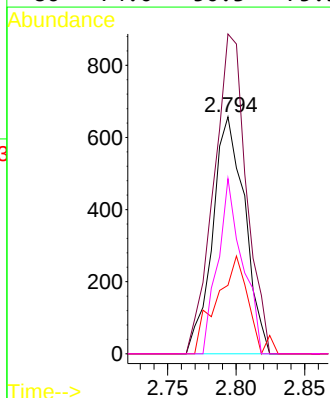
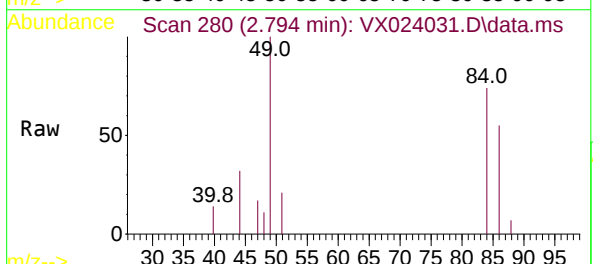
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL01

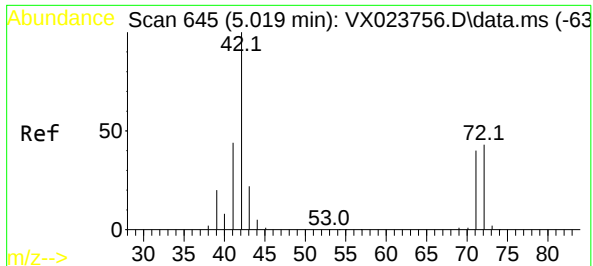
Tgt Ion: 43 Resp: 1439
Ion Ratio Lower Upper
43 100
58 25.3 27.8 41.8#



#20
Methylene Chloride
Concen: 0.544 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

Tgt Ion: 84 Resp: 1074
Ion Ratio Lower Upper
84 100
49 135.0 88.6 132.8#
51 28.9 27.0 40.6
86 74.0 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.330 ug/l

RT: 5.044 min Scan# 649

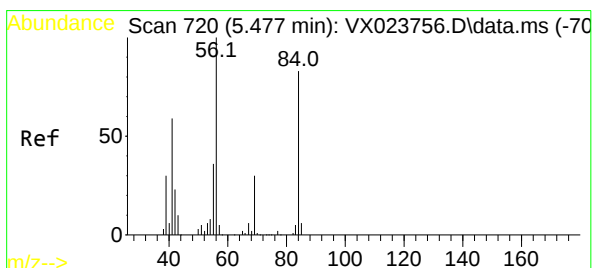
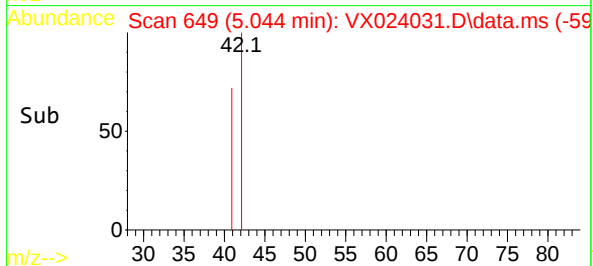
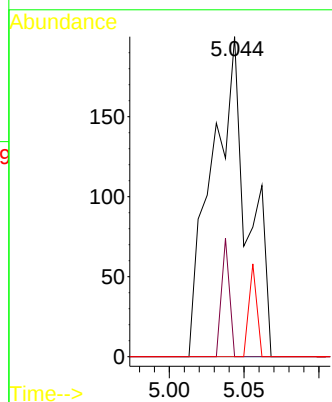
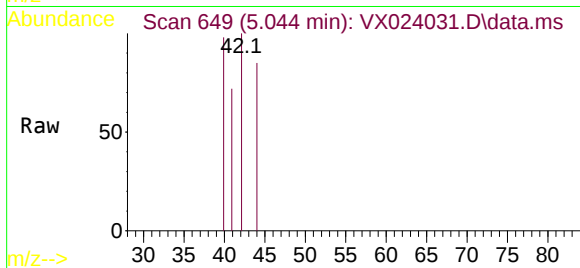
Delta R.T. 0.025 min

Lab File: VX024031.D

Acq: 31 Aug 2021 09:58

Tgt Ion:	42	Resp:	334
Ion	Ratio	Lower	Upper
42	100		
72	8.1	41.7	62.5#
71	6.3	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL01



#31

Cyclohexane

Concen: 1.260 ug/l

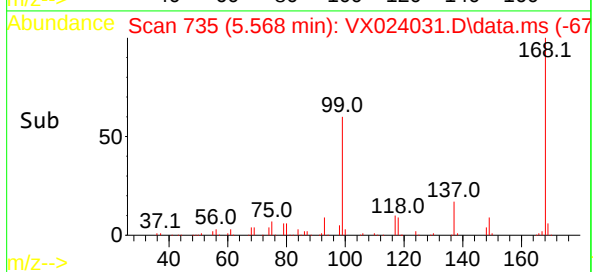
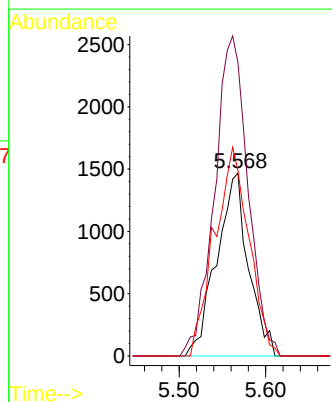
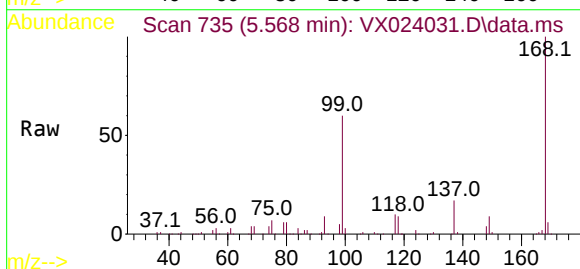
RT: 5.568 min Scan# 735

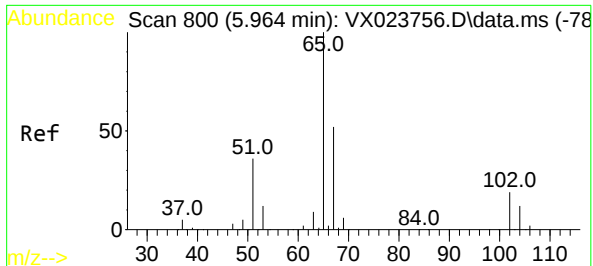
Delta R.T. 0.091 min

Lab File: VX024031.D

Acq: 31 Aug 2021 09:58

Tgt Ion:	56	Resp:	3738
Ion	Ratio	Lower	Upper
56	100		
69	160.4	25.3	37.9#
84	101.3	71.4	107.0



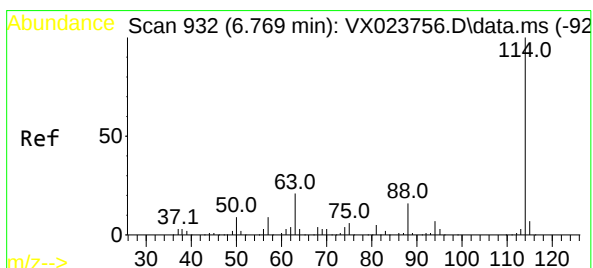
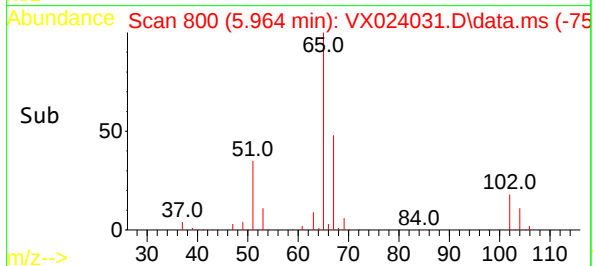
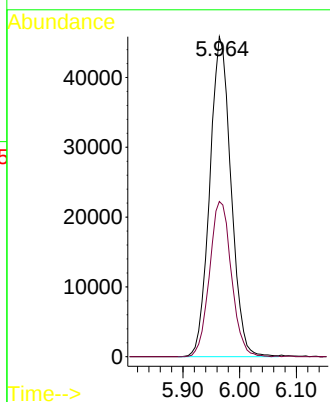
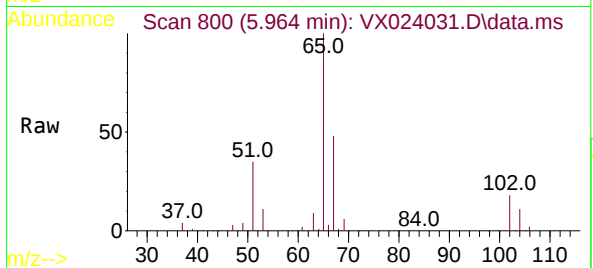


#33

1,2-Dichloroethane-d4
Concen: 51.663 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL01

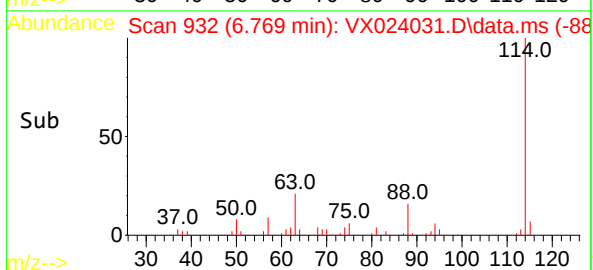
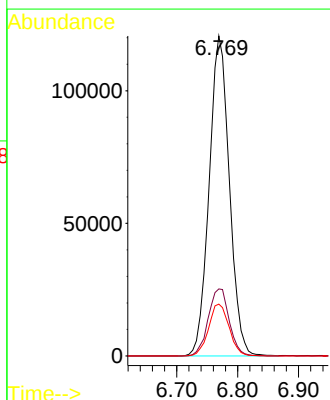
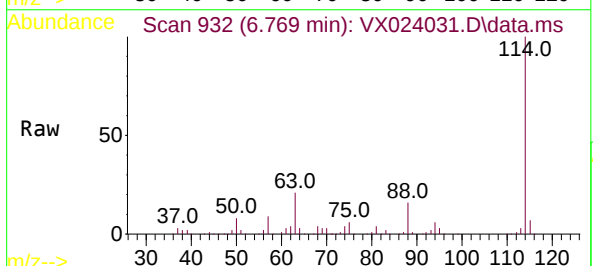
Tgt Ion: 65 Resp: 119318
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

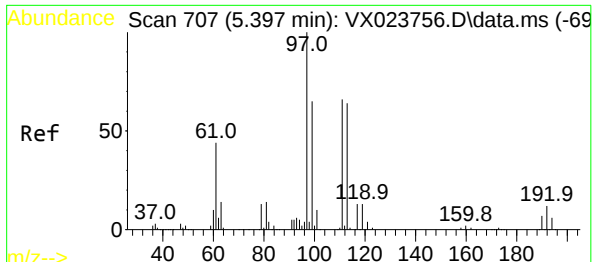


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

Tgt Ion: 114 Resp: 278578
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.2 0.0 32.8

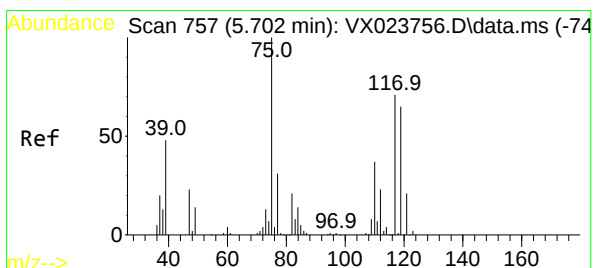
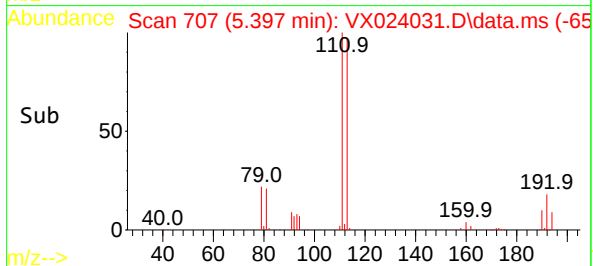
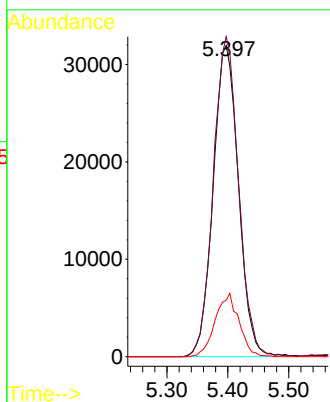
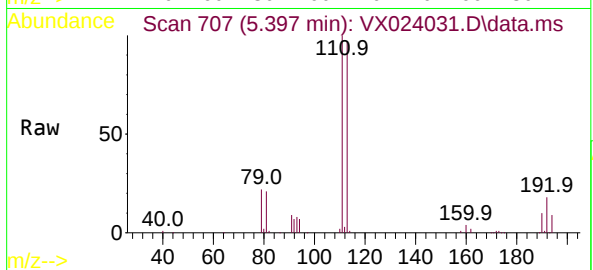




#35
Dibromofluoromethane
Concen: 49.895 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

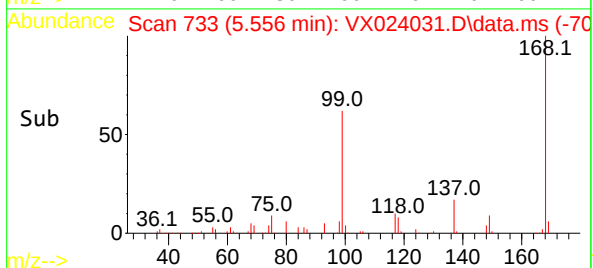
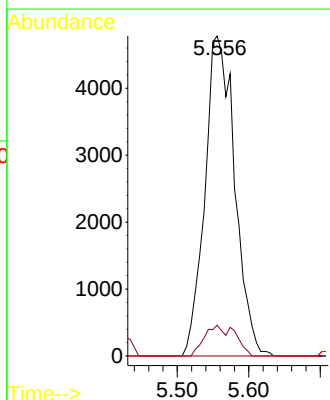
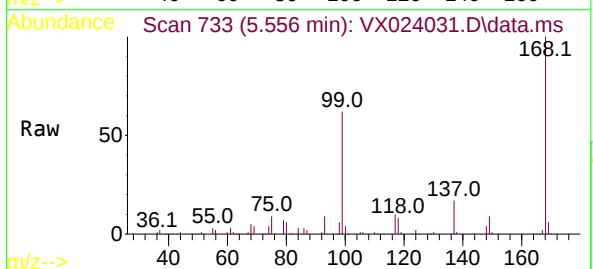
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL01

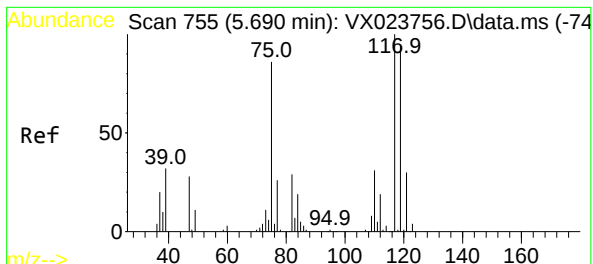
Tgt Ion:113 Resp: 91999
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 19.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.374 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

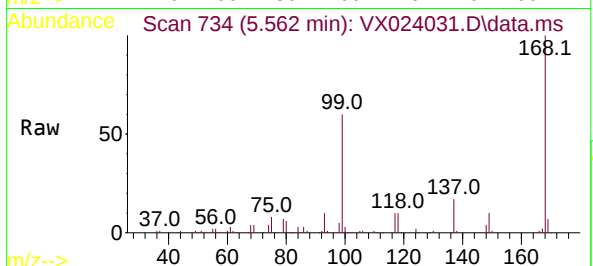
Tgt Ion: 75 Resp: 13863
Ion Ratio Lower Upper
75 100
110 6.5 18.1 54.4#
77 0.0 25.3 37.9#



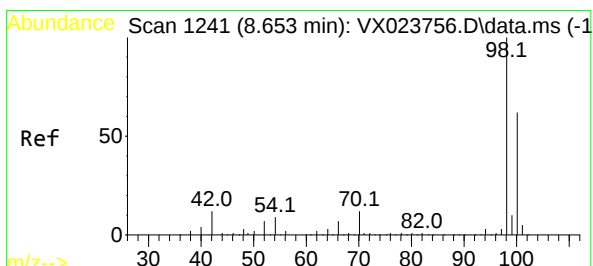
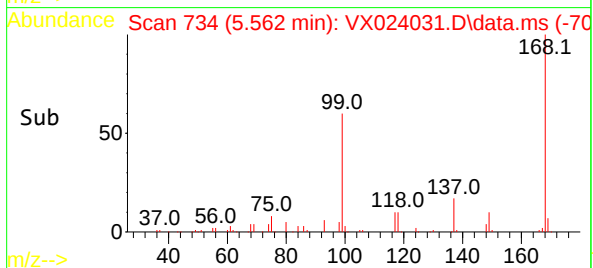
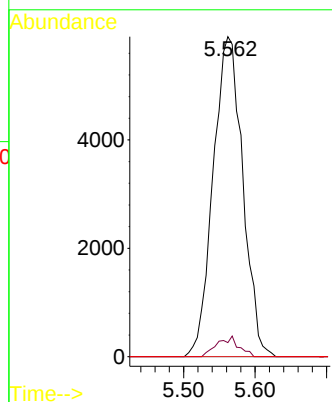


#38
Carbon Tetrachloride
Concen: 6.299 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL01

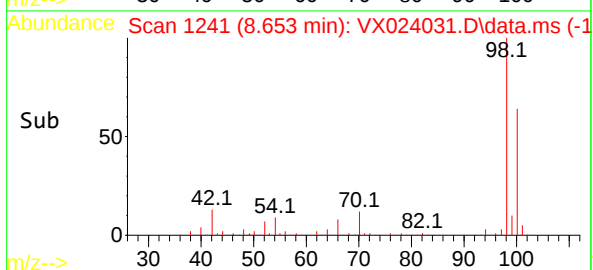
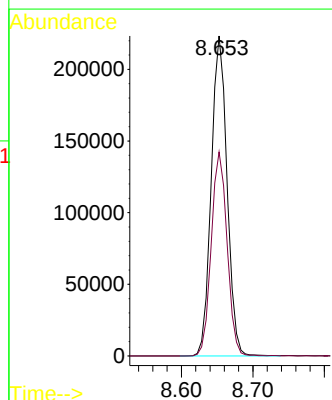
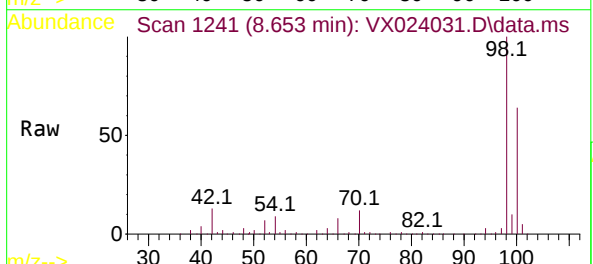


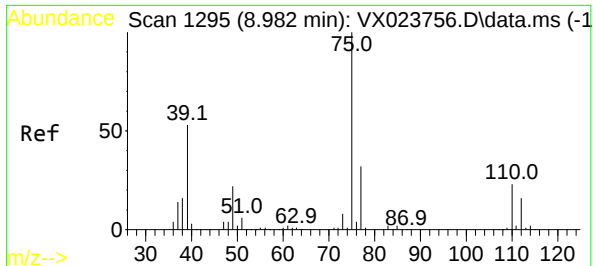
Tgt Ion:117 Resp: 16945
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.814 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

Tgt Ion: 98 Resp: 342563
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

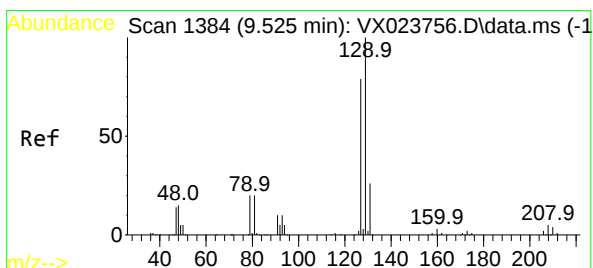
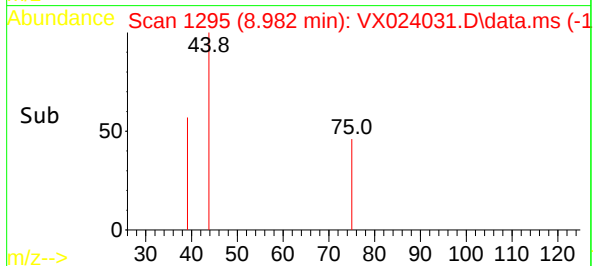
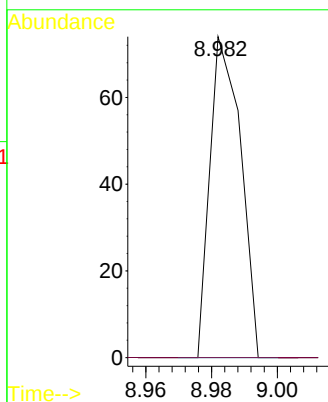
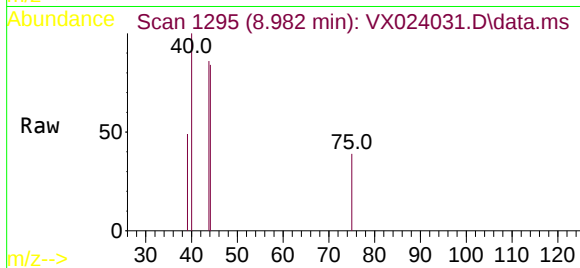




#53
t-1,3-Dichloropropene
Concen: 2.151 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

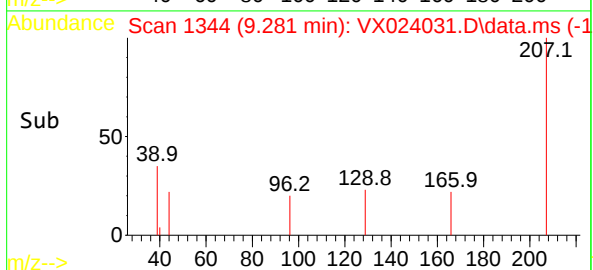
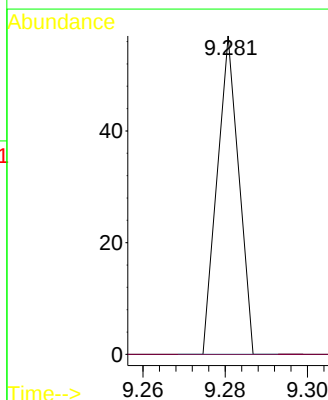
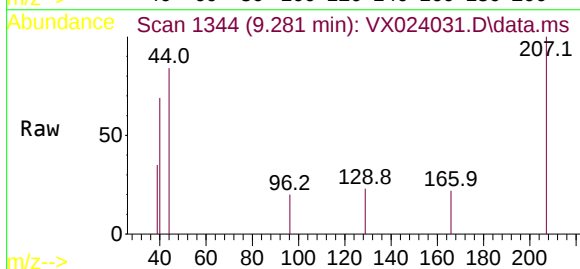
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL01

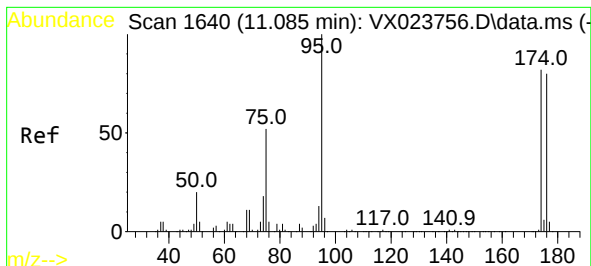
Tgt Ion: 75 Resp: 48
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 1.697 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

Tgt Ion: 129 Resp: 21
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

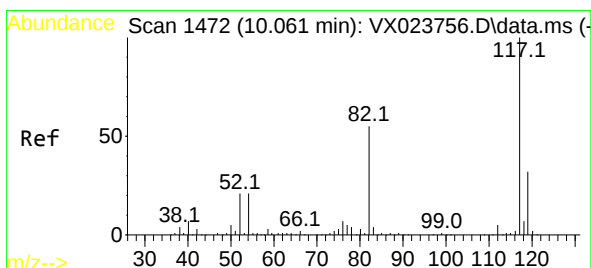
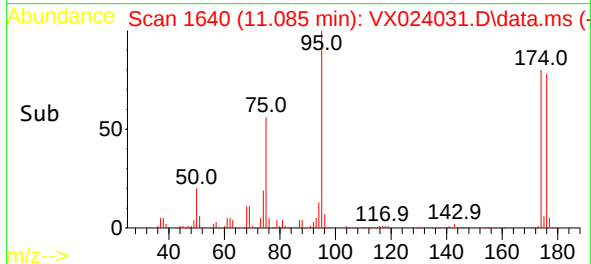
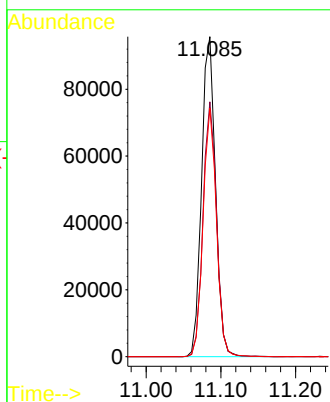
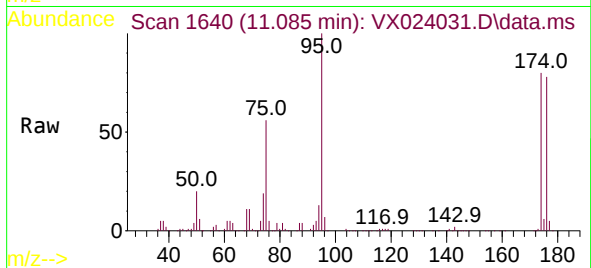




#62
4-Bromofluorobenzene
Concen: 47.657 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

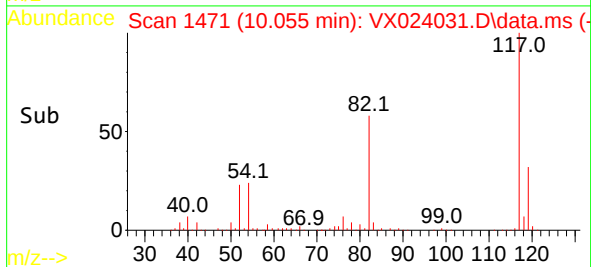
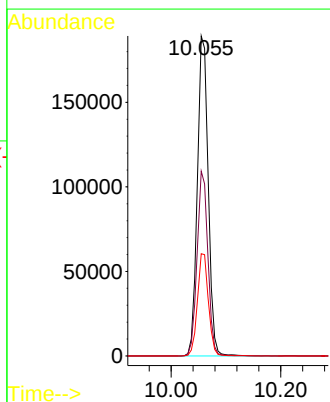
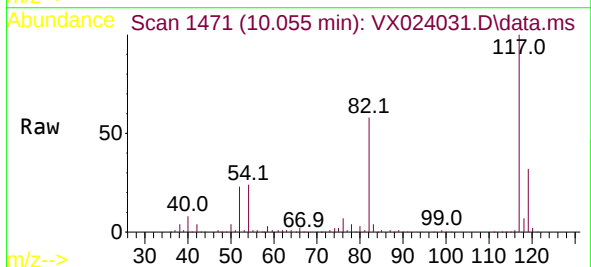
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL01

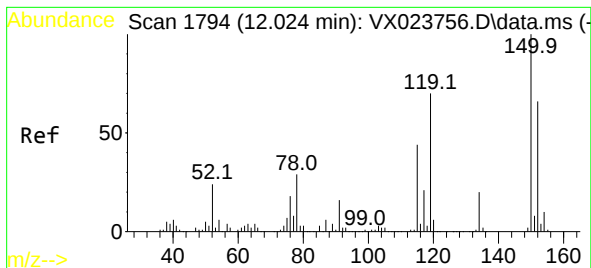
Tgt Ion: 95 Resp: 123119
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 75.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

Tgt Ion: 117 Resp: 261639
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.0 26.6 39.8

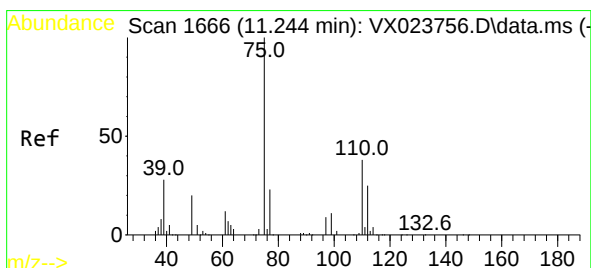
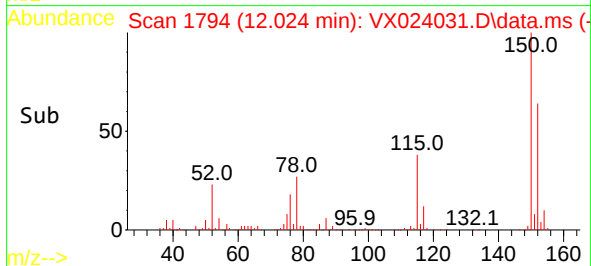
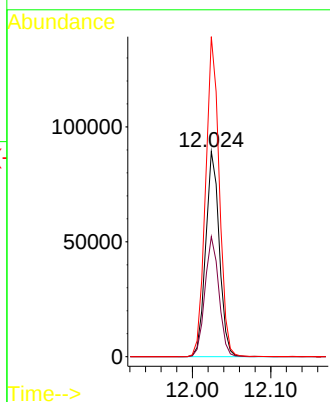
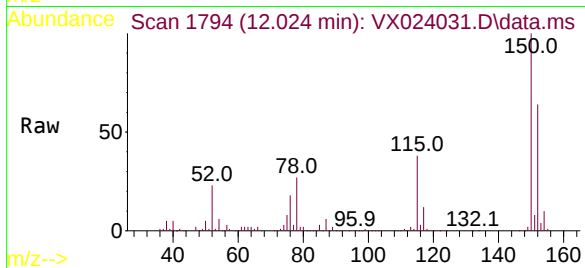




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

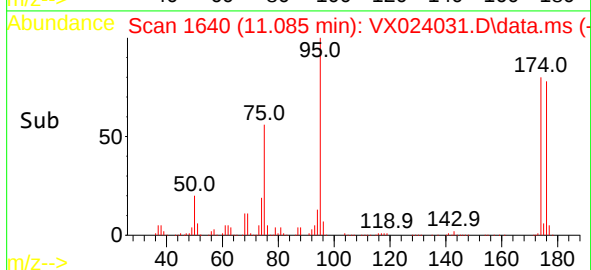
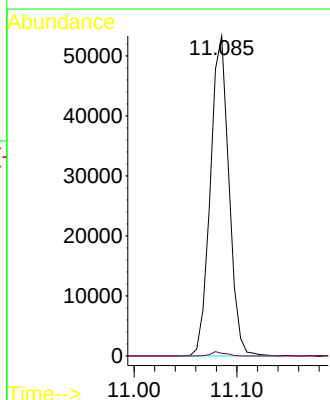
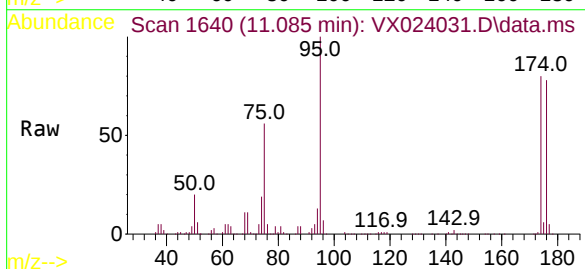
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL01

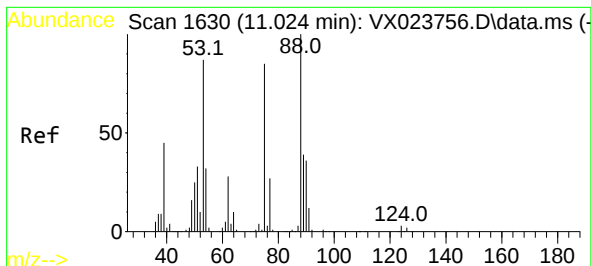
Tgt Ion:152 Resp: 107440
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 156.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.684 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

Tgt Ion: 75 Resp: 66877
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

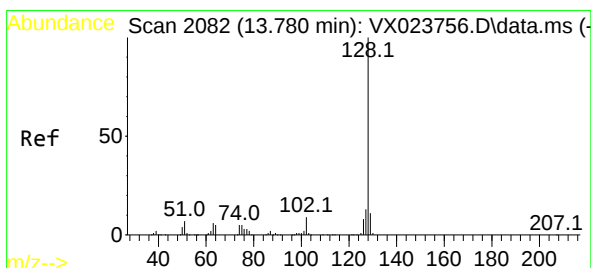
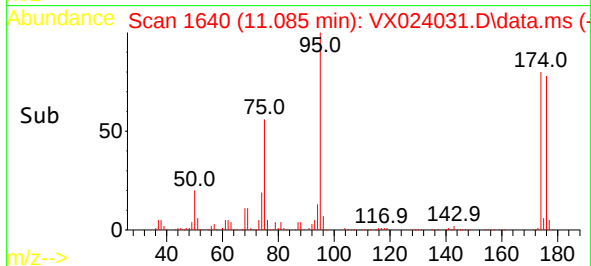
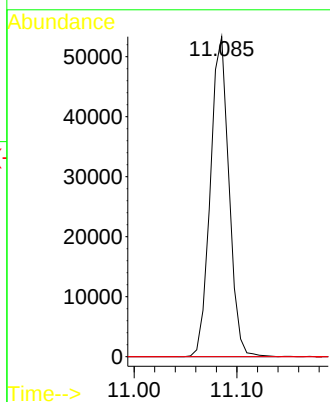
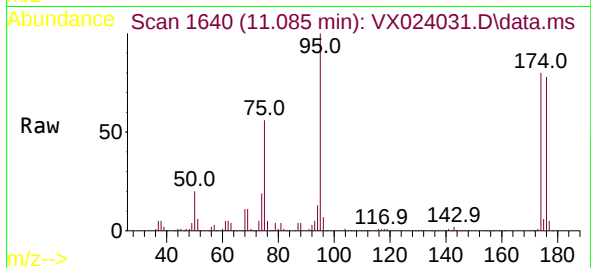




#81
trans-1,4-Dichloro-2-butene
Concen: 78.491 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL01

Tgt Ion: 75 Resp: 66877
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.315 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024031.D
Acq: 31 Aug 2021 09:58

Tgt Ion: 128 Resp: 265
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

