

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082621\
 Data File : VX023968.D
 Acq On : 26 Aug 2021 16:20
 Operator : JC/MD
 Sample : M3535-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 27 05:57:42 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)

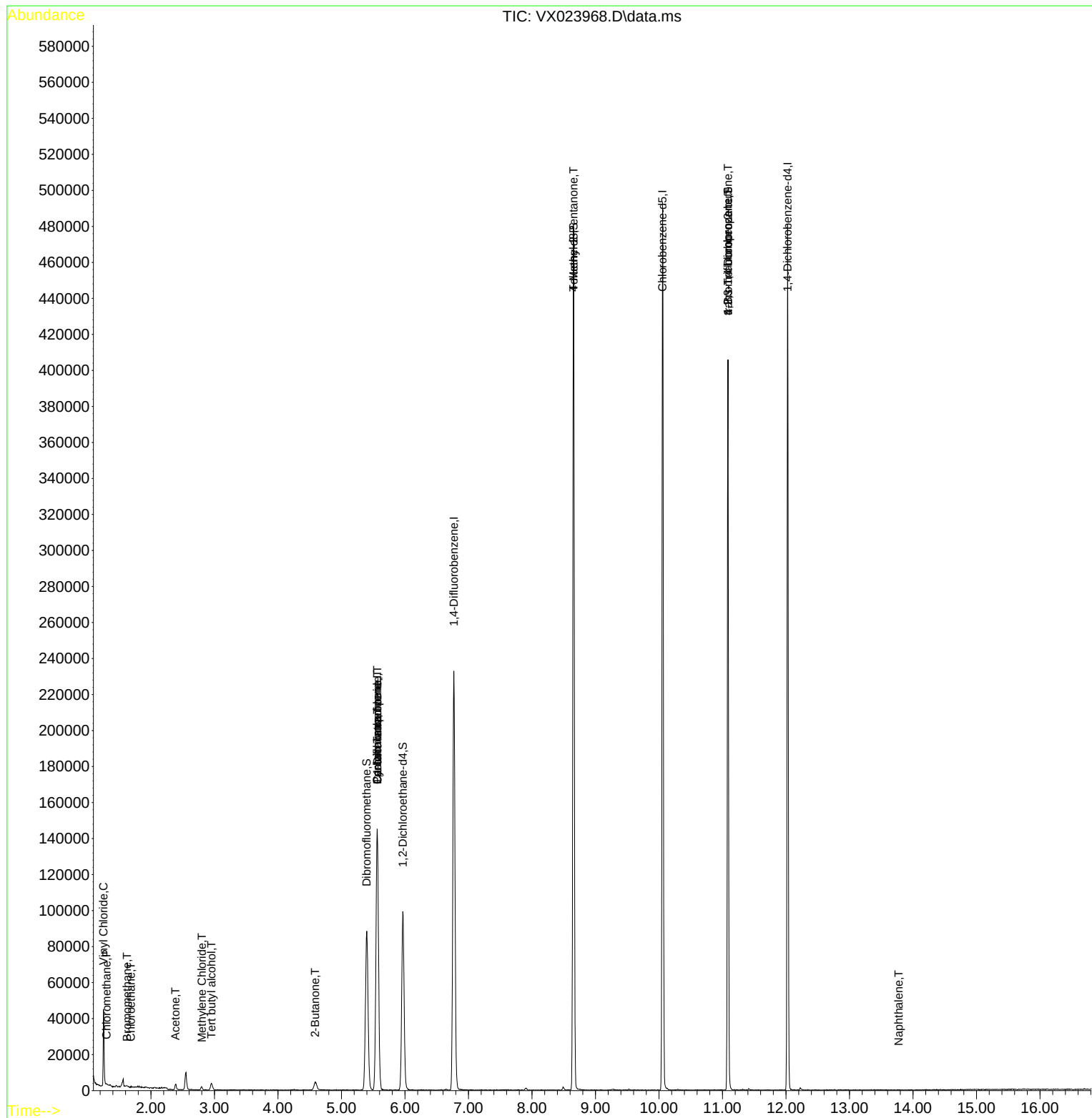
Internal Standards						
1) Pentafluorobenzene	5.562	168	133156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	229632	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97547	52.489	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.980%
35) Dibromofluoromethane	5.397	113	75356	49.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.160%
50) Toluene-d8	8.653	98	273237	47.234	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.460%
62) 4-Bromofluorobenzene	11.086	95	98140	46.086	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.180%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	435	0.282	ug/l #	81
4) Vinyl Chloride	1.252	62	357	0.237	ug/l #	1
5) Bromomethane	1.624	94	381	0.403	ug/l #	76
6) Chloroethane	1.685	64	117	2.307	ug/l #	43
11) Tert butyl alcohol	2.953	59	2528	6.726	ug/l #	73
16) Acetone	2.386	43	3363	4.047	ug/l	92
20) Methylene Chloride	2.800	84	802	0.505	ug/l	94
25) 2-Butanone	4.587	43	402	0.319	ug/l #	45
31) Cyclohexane	5.562	56	3149	1.319	ug/l #	33
36) 1,1-Dichloropropene	5.562	75	10557	4.964	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14433	6.509	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1453	0.550	ug/l #	1
76) 1,2,3-Trichloropropane	11.086	75	54279	25.143	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.086	75	54279	73.960	ug/l #	12
95) Naphthalene	13.774	128	19	1.285	ug/l #	69

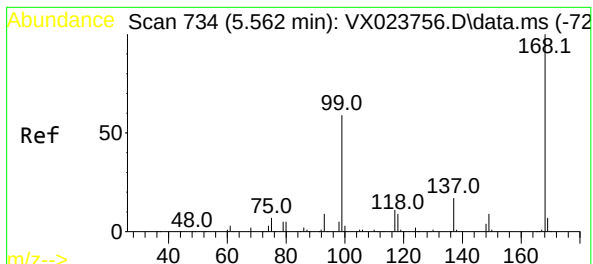
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :

Quant Time: Aug 27 05:57:42 2021
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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: VX023968.D

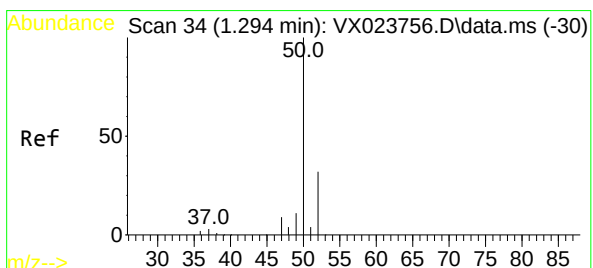
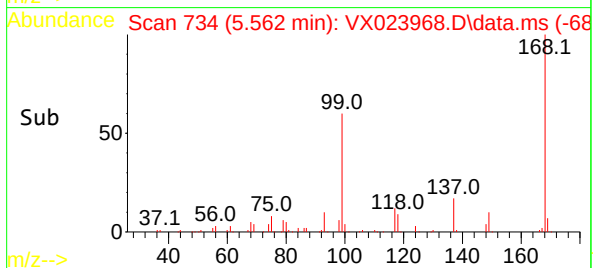
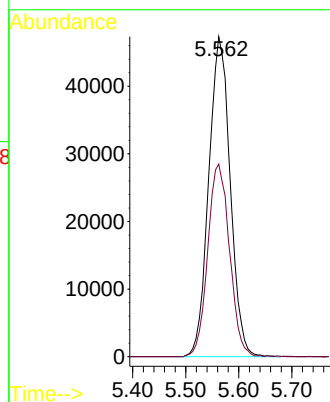
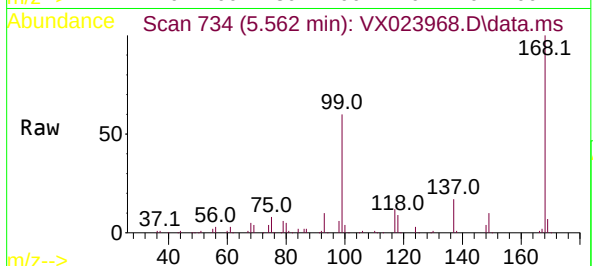
Acq: 26 Aug 2021 16:20

Tgt Ion:168 Resp: 133156

Ion Ratio Lower Upper

168 100

99 60.2 45.8 68.6



#3

Chloromethane

Concen: 0.282 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.007 min

Lab File: VX023968.D

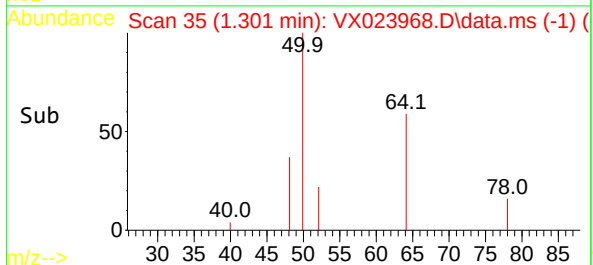
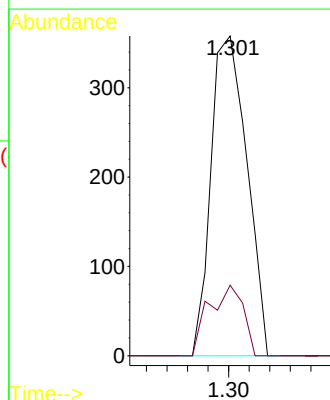
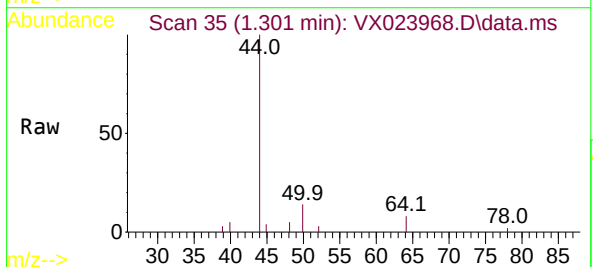
Acq: 26 Aug 2021 16:20

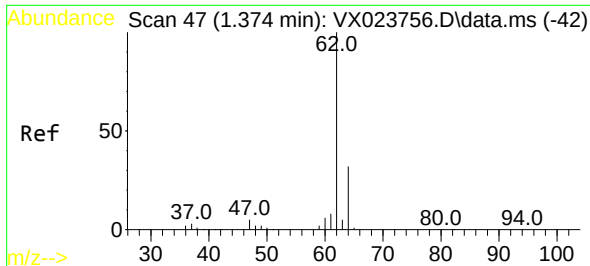
Tgt Ion: 50 Resp: 435

Ion Ratio Lower Upper

50 100

52 22.1 26.4 39.6#

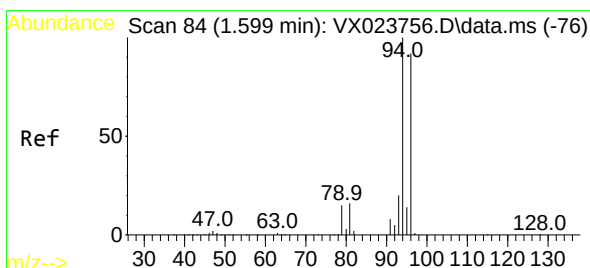
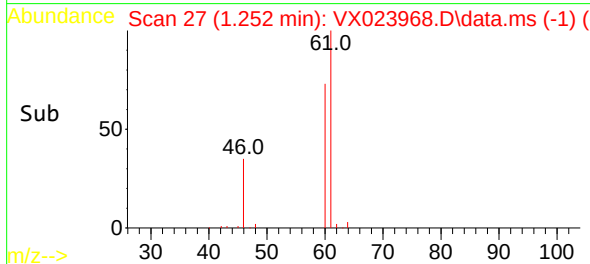
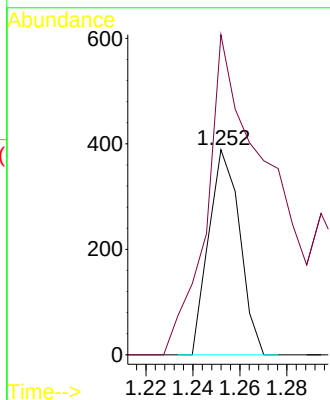
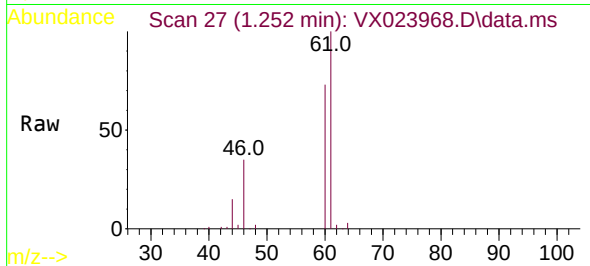




#4
 Vinyl Chloride
 Concen: 0.237 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023968.D
 Acq: 26 Aug 2021 16:20

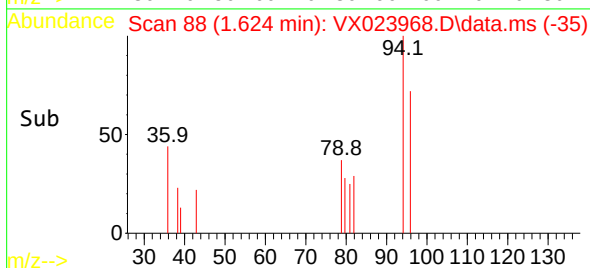
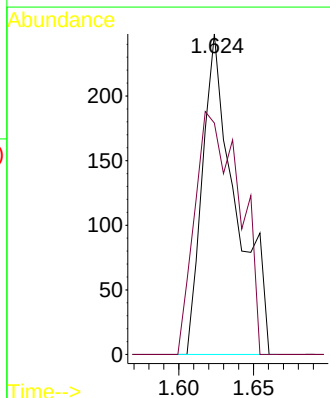
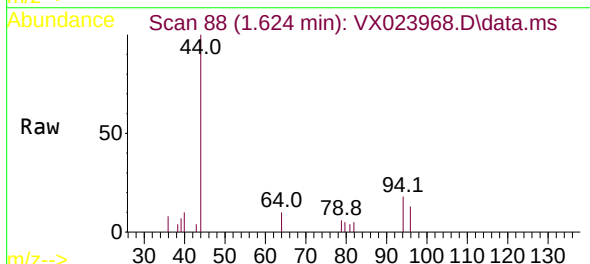
Instrument :
 MSVOA_X
 ClientSampled :

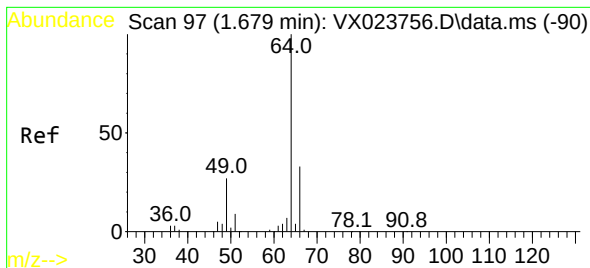
Tgt Ion: 62 Resp: 357
 Ion Ratio Lower Upper
 62 100
 64 137.0 25.7 38.5#



#5
 Bromomethane
 Concen: 0.403 ug/l
 RT: 1.624 min Scan# 88
 Delta R.T. 0.025 min
 Lab File: VX023968.D
 Acq: 26 Aug 2021 16:20

Tgt Ion: 94 Resp: 381
 Ion Ratio Lower Upper
 94 100
 96 72.2 76.4 114.6#

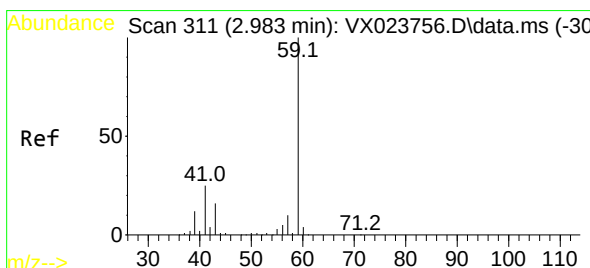
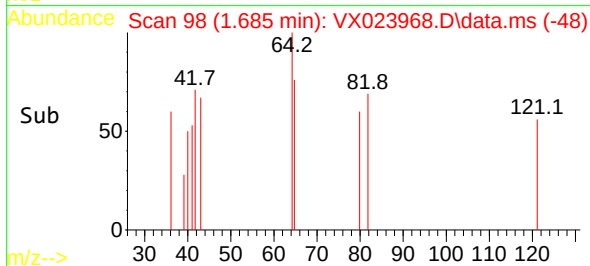
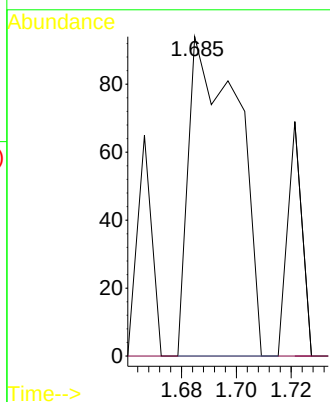
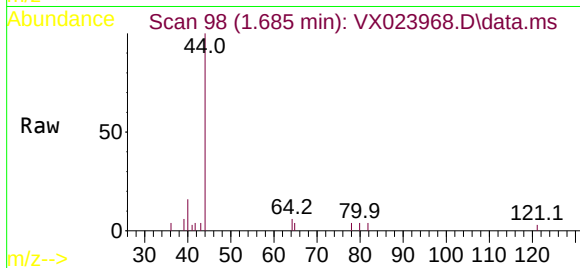




#6
Chloroethane
Concen: 2.307 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX023968.D
Acq: 26 Aug 2021 16:20

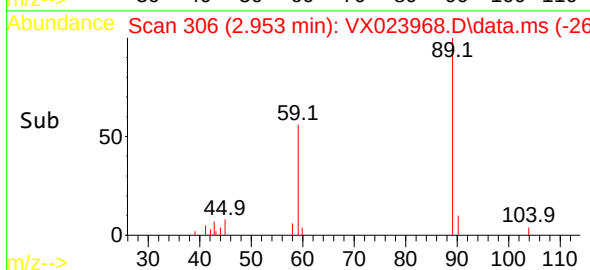
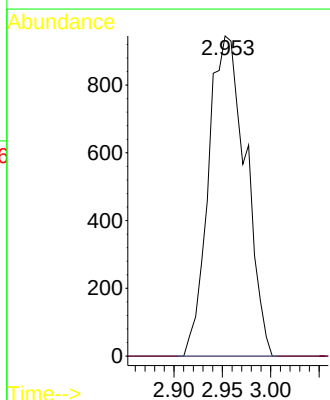
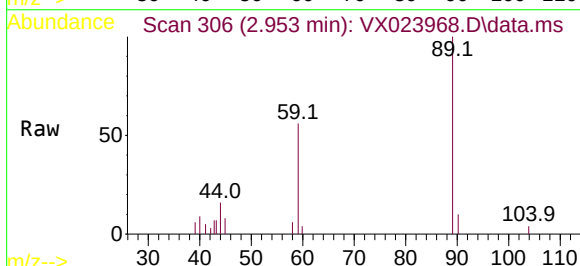
Instrument :
MSVOA_X
ClientSampled :

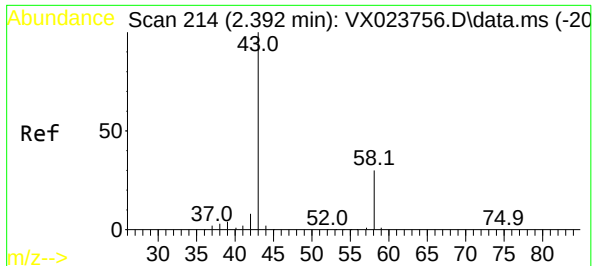
Tgt Ion: 64 Resp: 117
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 6.726 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023968.D
Acq: 26 Aug 2021 16:20

Tgt Ion: 59 Resp: 2528
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

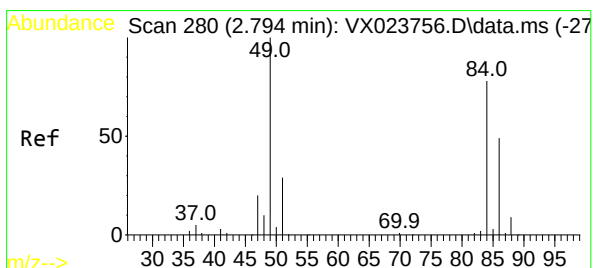
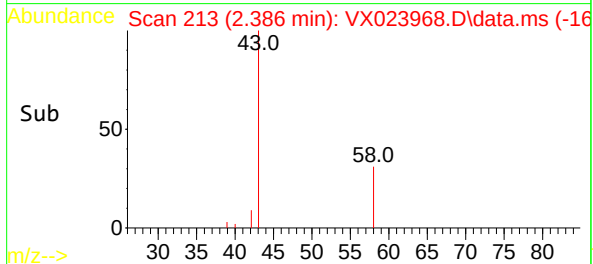
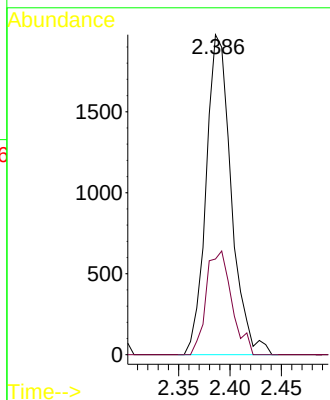
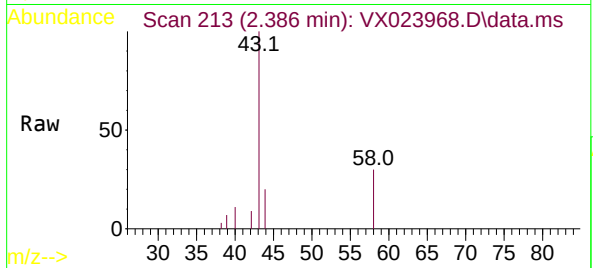




#16
Acetone
Concen: 4.047 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023968.D
Acq: 26 Aug 2021 16:20

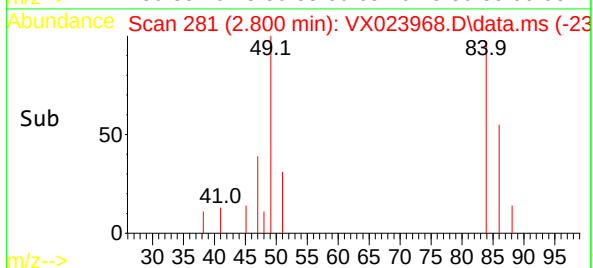
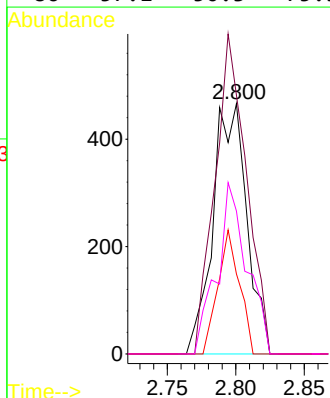
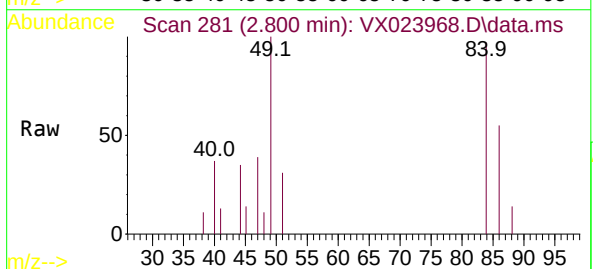
Instrument :
MSVOA_X
ClientSampled :

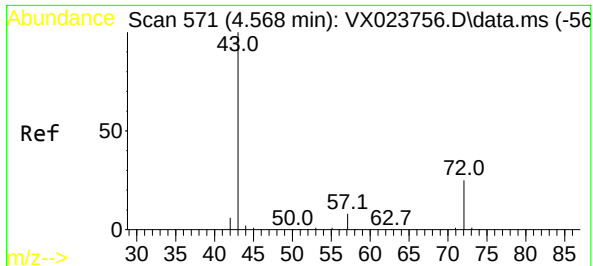
Tgt Ion: 43 Resp: 3363
Ion Ratio Lower Upper
43 100
58 29.9 27.8 41.8



#20
Methylene Chloride
Concen: 0.505 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023968.D
Acq: 26 Aug 2021 16:20

Tgt Ion: 84 Resp: 802
Ion Ratio Lower Upper
84 100
49 103.4 88.6 132.8
51 32.0 27.0 40.6
86 57.1 50.3 75.5





#25

2-Butanone

Concen: 0.319 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX023968.D

Acq: 26 Aug 2021 16:20

Tgt Ion: 43 Resp: 402

Ion Ratio Lower Upper

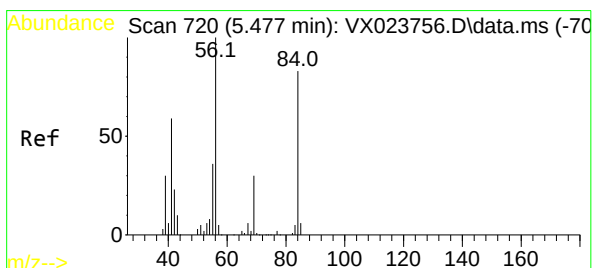
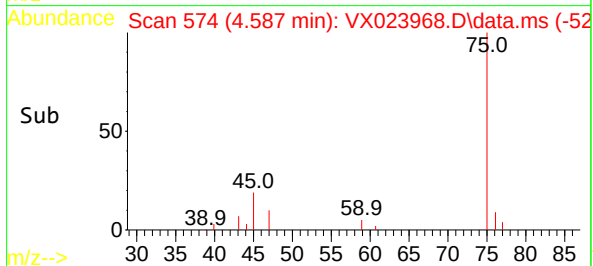
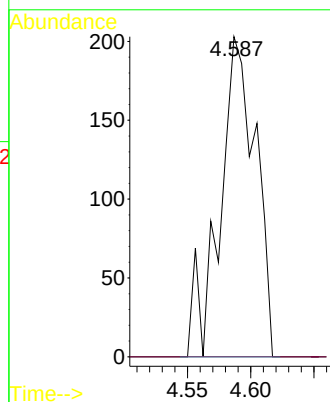
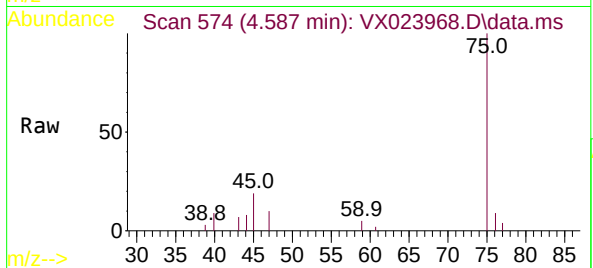
43 100

72 0.0 23.7 35.5#

Instrument :

MSVOA_X

ClientSampled :



#31

Cyclohexane

Concen: 1.319 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX023968.D

Acq: 26 Aug 2021 16:20

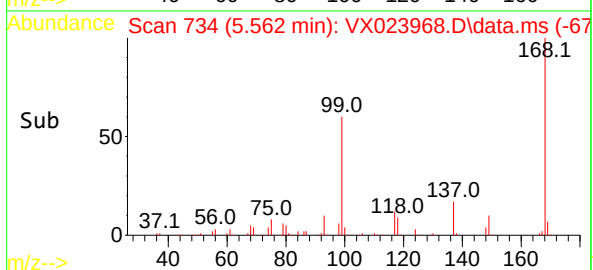
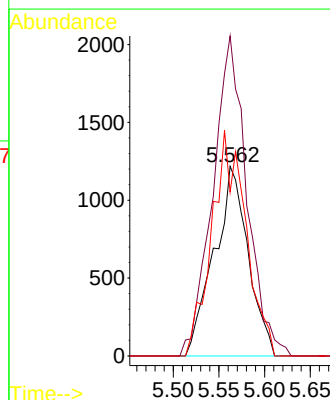
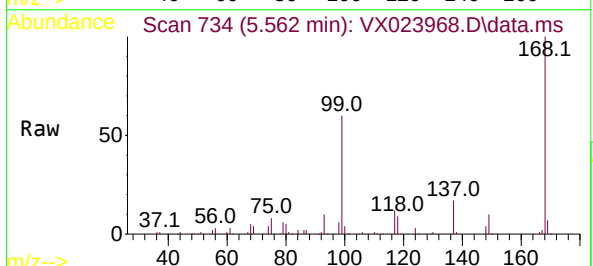
Tgt Ion: 56 Resp: 3149

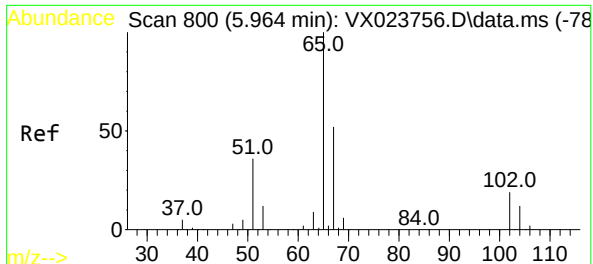
Ion Ratio Lower Upper

56 100

69 168.9 25.3 37.9#

84 86.4 71.4 107.0



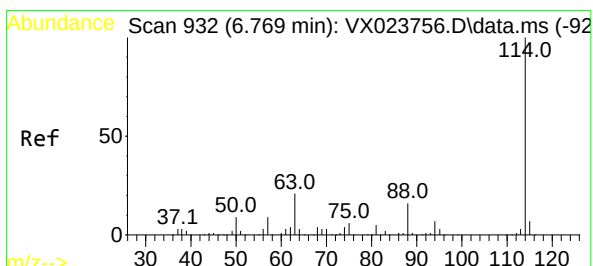
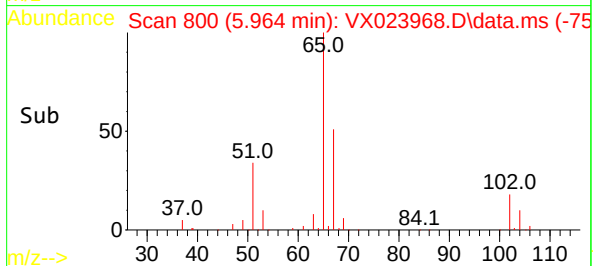
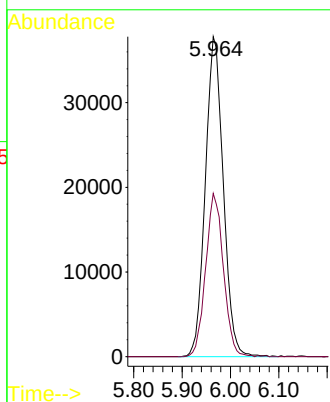
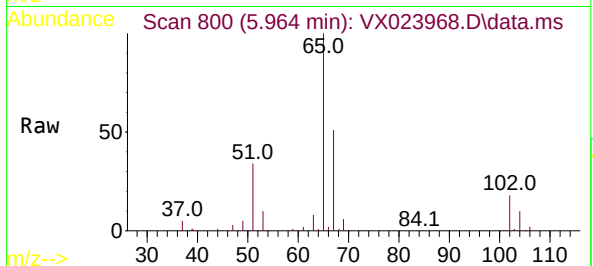


#33

1,2-Dichloroethane-d4
Concen: 52.489 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023968.D
Acq: 26 Aug 2021 16:20

Instrument :
MSVOA_X
ClientSampled :

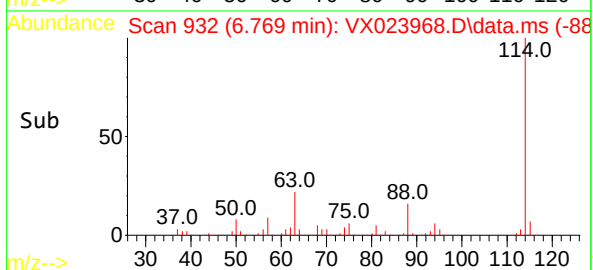
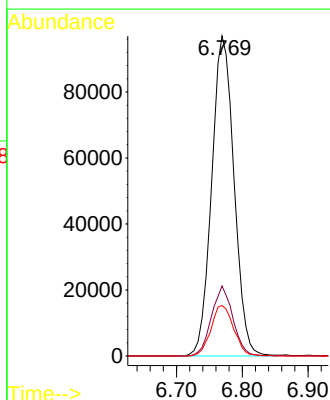
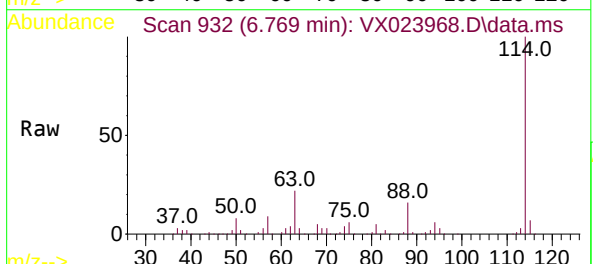
Tgt Ion: 65 Resp: 97547
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

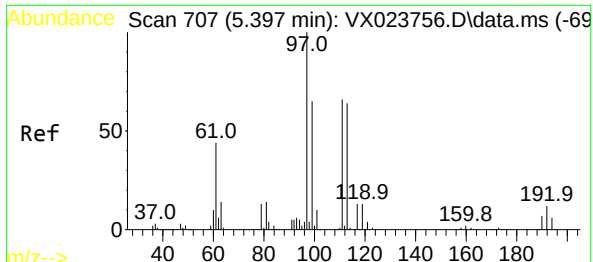


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023968.D
Acq: 26 Aug 2021 16:20

Tgt Ion: 114 Resp: 229632
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 15.8 0.0 32.8

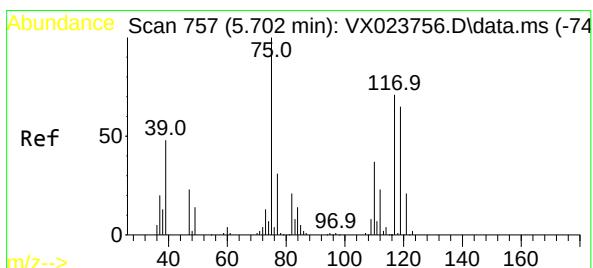
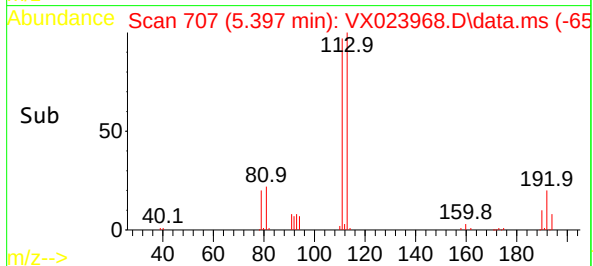
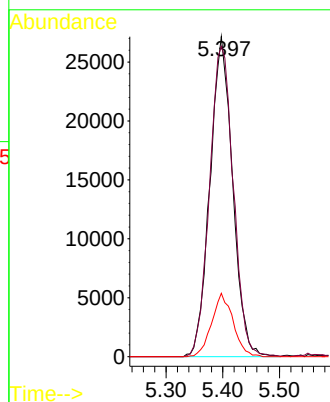
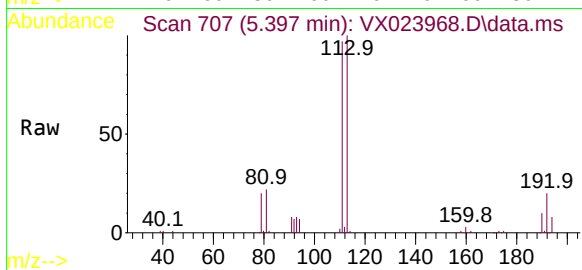




#35
Dibromofluoromethane
Concen: 49.580 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023968.D
Acq: 26 Aug 2021 16:20

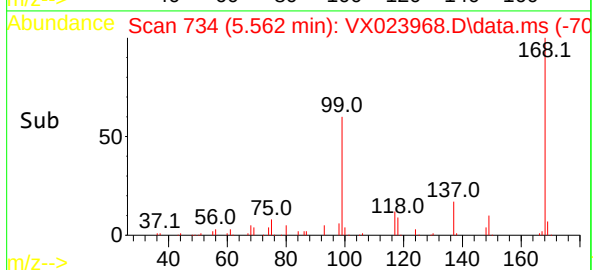
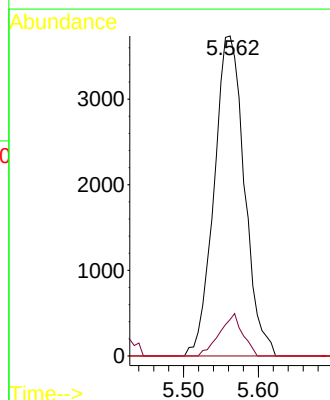
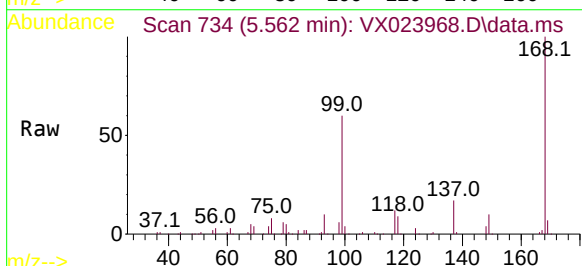
Instrument :
MSVOA_X
ClientSampled :

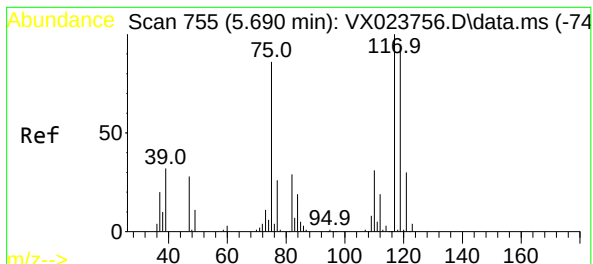
Tgt Ion:113 Resp: 75356
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 18.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.964 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023968.D
Acq: 26 Aug 2021 16:20

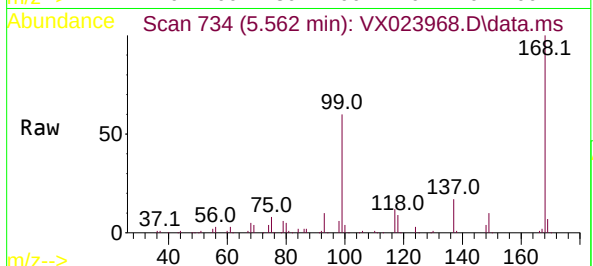
Tgt Ion: 75 Resp: 10557
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.4#
77 0.0 25.3 37.9#



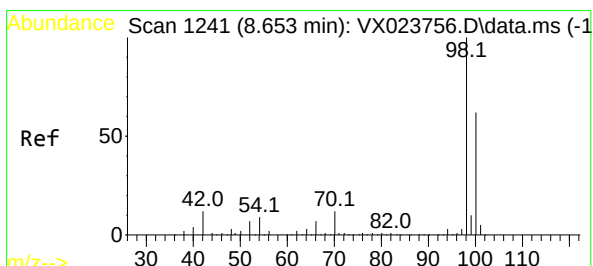
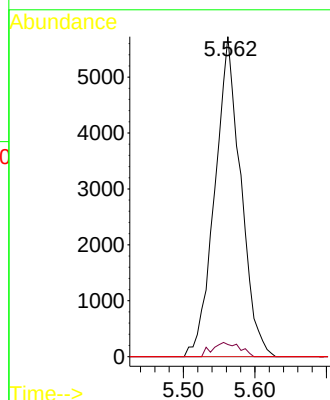
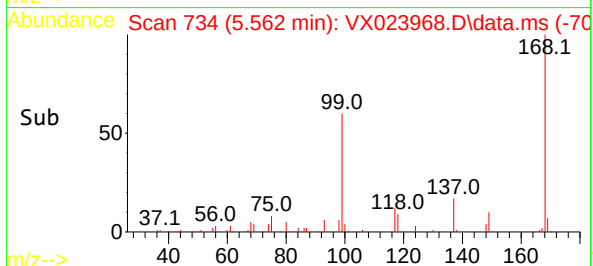


#38
Carbon Tetrachloride
Concen: 6.509 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023968.D
Acq: 26 Aug 2021 16:20

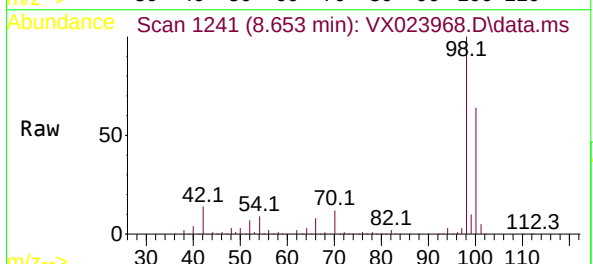
Instrument :
MSVOA_X
ClientSampled :



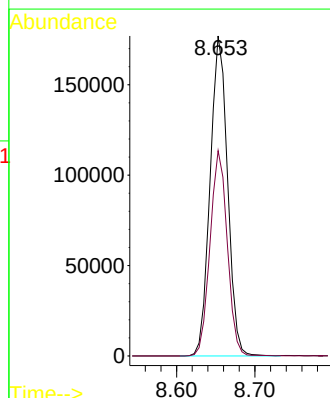
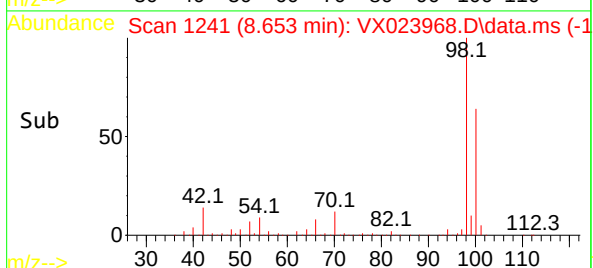
Tgt Ion:117 Resp: 14433
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#

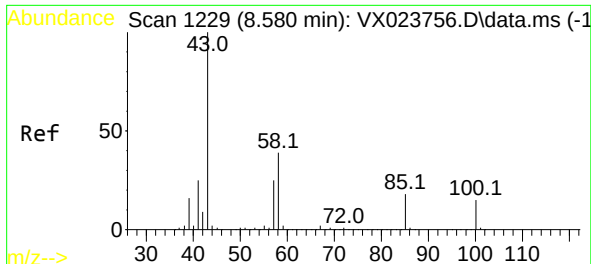


#50
Toluene-d8
Concen: 47.234 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023968.D
Acq: 26 Aug 2021 16:20



Tgt Ion: 98 Resp: 273237
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9

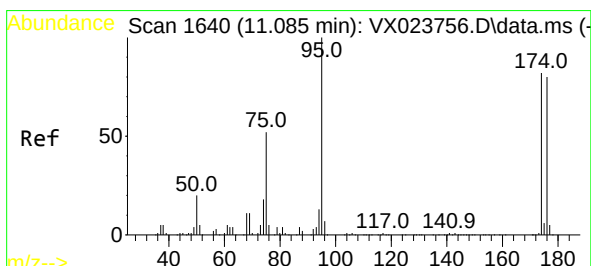
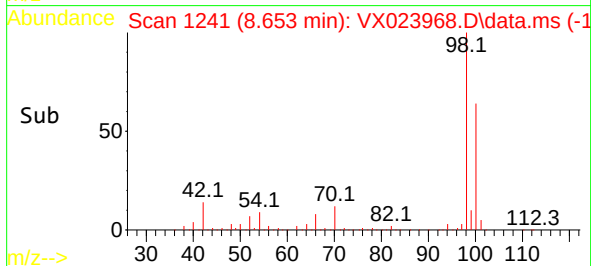
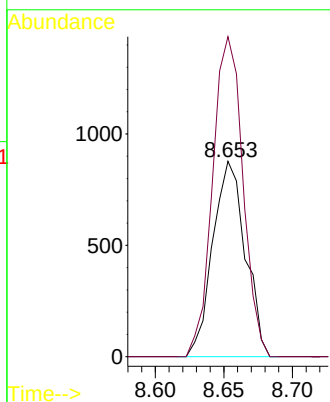
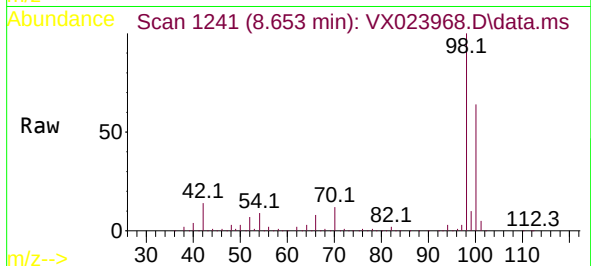




#51
4-Methyl-2-Pentanone
Concen: 0.550 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023968.D
Acq: 26 Aug 2021 16:20

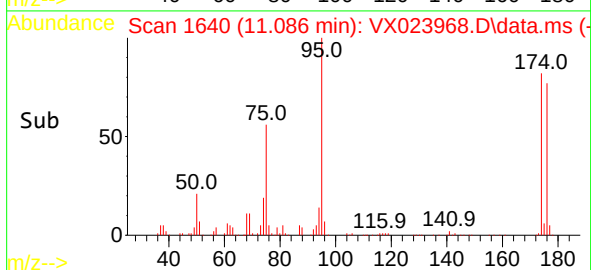
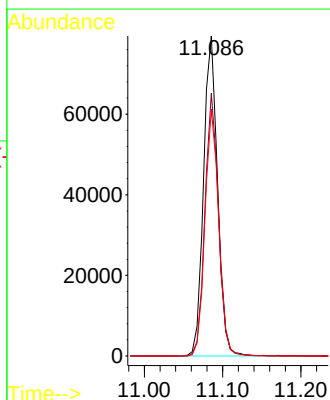
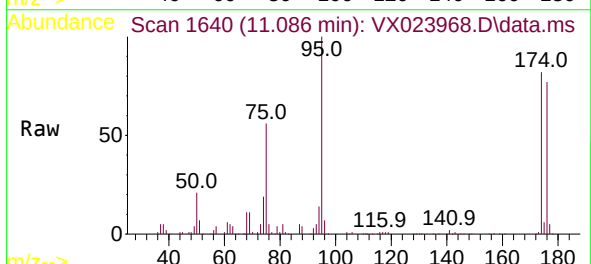
Instrument :
MSVOA_X
ClientSampled :

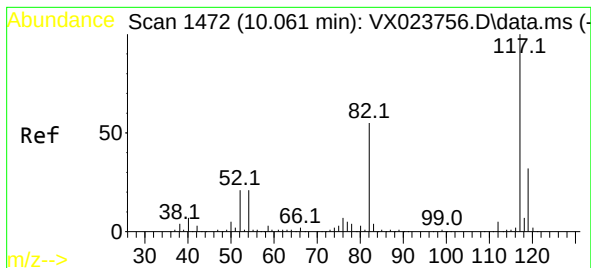
Tgt Ion: 43 Resp: 1453
Ion Ratio Lower Upper
43 100
58 151.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.086 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023968.D
Acq: 26 Aug 2021 16:20

Tgt Ion: 95 Resp: 98140
Ion Ratio Lower Upper
95 100
174 80.1 0.0 154.6
176 75.8 0.0 155.8

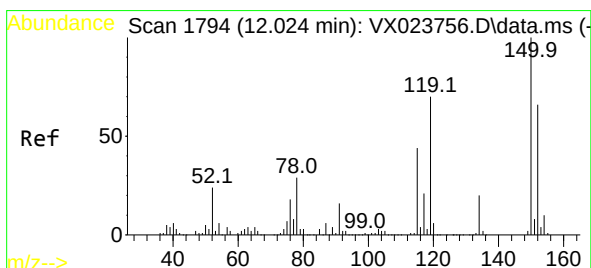
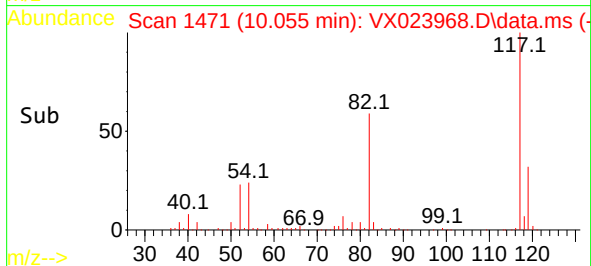
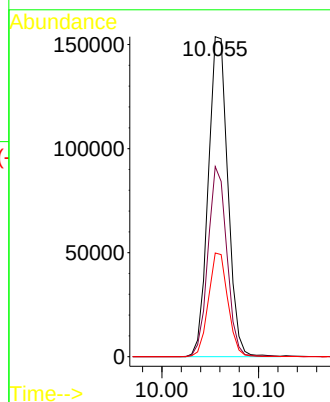
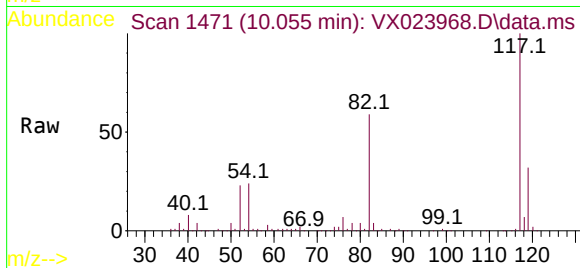




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023968.D
Acq: 26 Aug 2021 16:20

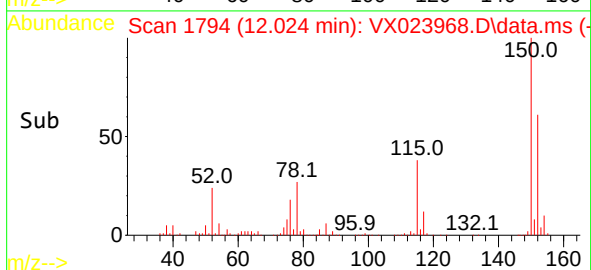
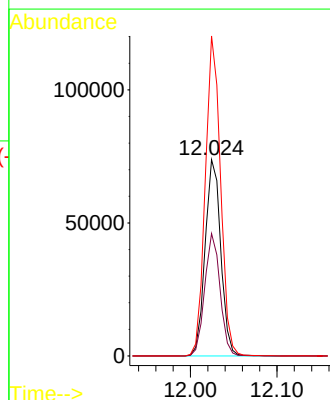
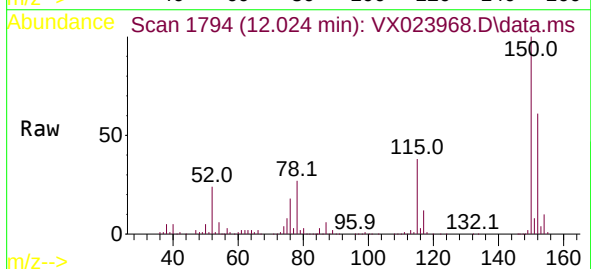
Instrument :
MSVOA_X
ClientSampled :

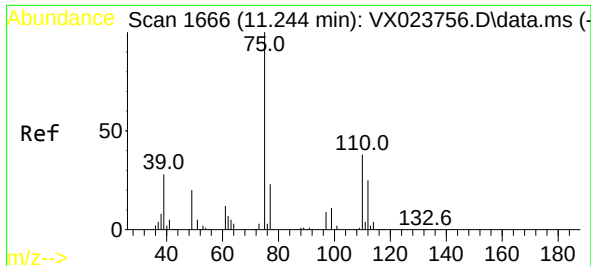
Tgt Ion:117 Resp: 216895
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023968.D
Acq: 26 Aug 2021 16:20

Tgt Ion:152 Resp: 92543
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 158.9 0.0 349.0

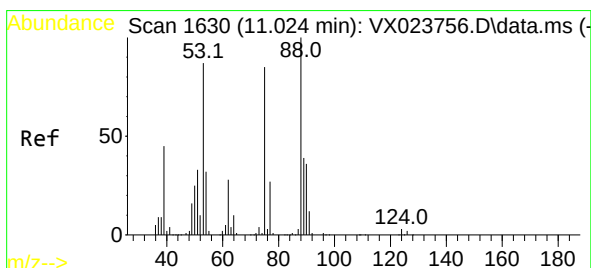
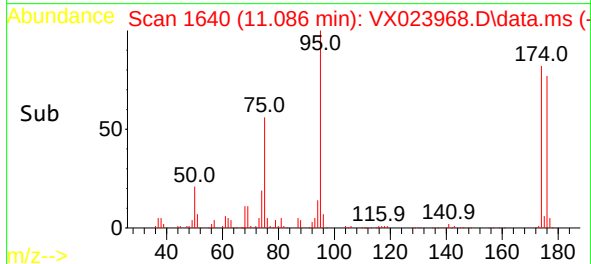
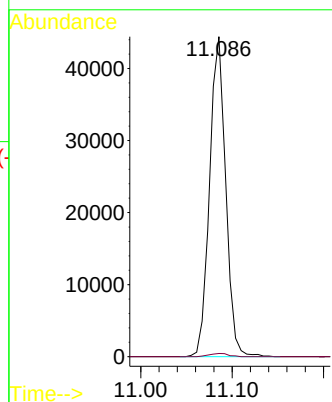
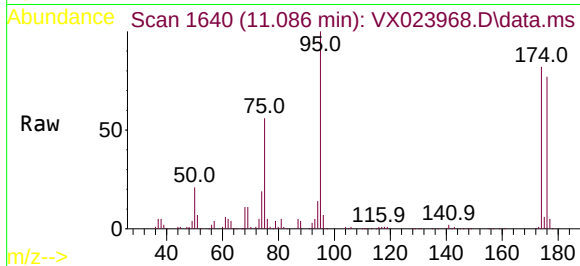




#76
1,2,3-Trichloropropane
Concen: 25.143 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023968.D
Acq: 26 Aug 2021 16:20

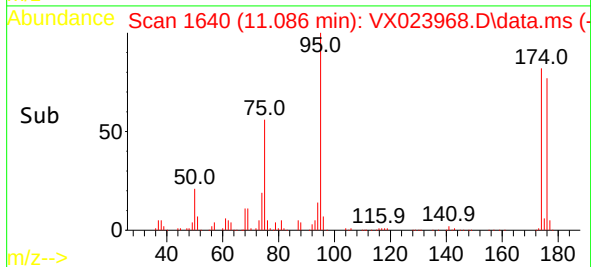
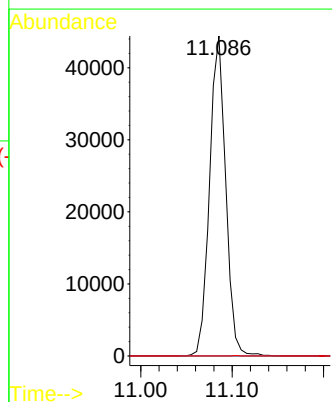
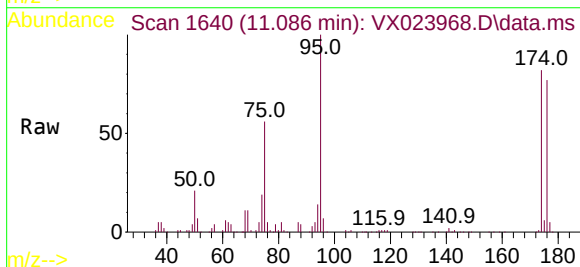
Instrument :
MSVOA_X
ClientSampled :

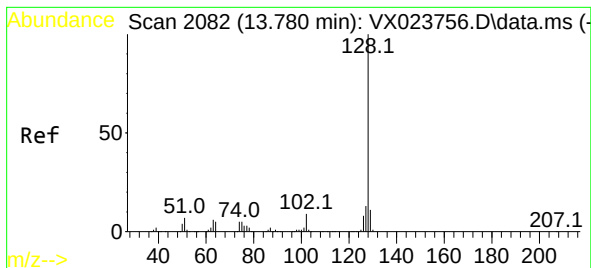
Tgt Ion: 75 Resp: 54279
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.960 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX023968.D
Acq: 26 Aug 2021 16:20

Tgt Ion: 75 Resp: 54279
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.285 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023968.D
Acq: 26 Aug 2021 16:20

Instrument :
MSVOA_X
ClientSampleId :

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

