

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022324.D
 Acq On : 02 Jun 2021 05:08
 Operator : JC/MD
 Sample : M2561-02DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 36BR-20210526DL

Quant Time: Jun 02 05:35:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

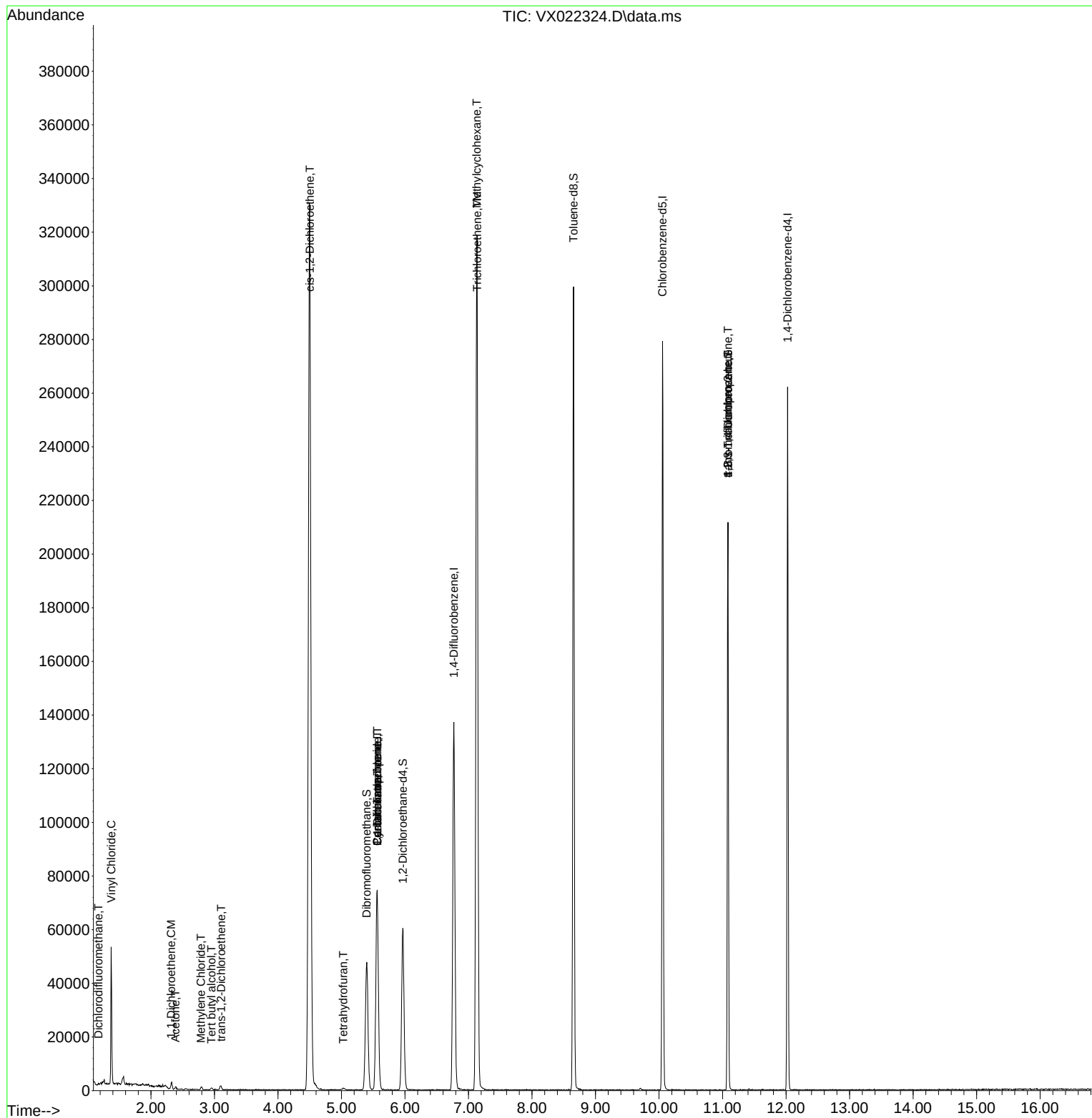
Internal Standards						
1) Pentafluorobenzene	5.562	168	64167	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	136299	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54689	55.25	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	110.50%	
35) Dibromofluoromethane	5.397	113	41974	48.56	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	97.12%	
50) Toluene-d8	8.653	98	168445	50.59	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.085	95	58525	47.56	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	95.12%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	217	0.28	ug/l	# 39
4) Vinyl Chloride	1.373	62	29237	32.84	ug/l	99
11) Tert butyl alcohol	2.952	59	209	0.92	ug/l	# 73
12) 1,1-Dichloroethene	2.318	96	864	1.17	ug/l	# 75
16) Acetone	2.385	43	1093	2.54	ug/l	99
20) Methylene Chloride	2.788	84	518	0.54	ug/l	# 70
21) trans-1,2-Dichloroethene	3.105	96	753	0.94	ug/l	# 78
27) cis-1,2-Dichloroethene	4.501	96	198479	204.02	ug/l	91
29) Tetrahydrofuran	5.025	42	710	1.71	ug/l	# 58
31) Cyclohexane	5.562	56	1782	1.43	ug/l	# 26
36) 1,1-Dichloropropene	5.562	75	5830	4.63	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	7284	5.91	ug/l	# 19
39) Methylcyclohexane	7.128	83	1516	1.06	ug/l	# 1
44) Trichloroethene	7.135	130	114657	118.98	ug/l	95
76) 1,2,3-Trichloropropane	11.085	75	30457	26.28	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	30457	62.26	ug/l	# 12

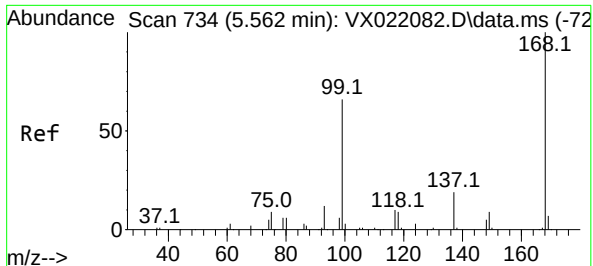
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
Data File : VX022324.D
Acq On : 02 Jun 2021 05:08
Operator : JC/MD
Sample : M2561-02DL 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
36BR-20210526DL

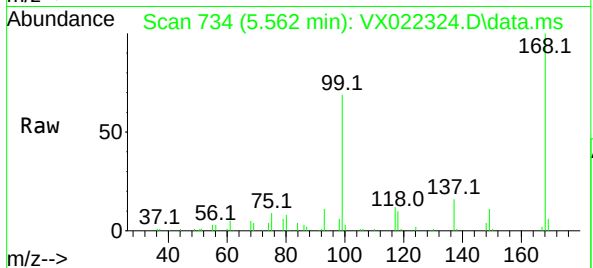
Quant Time: Jun 02 05:35:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



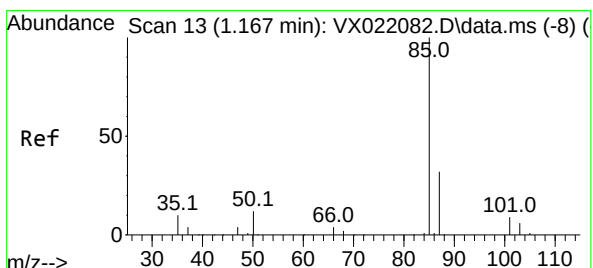
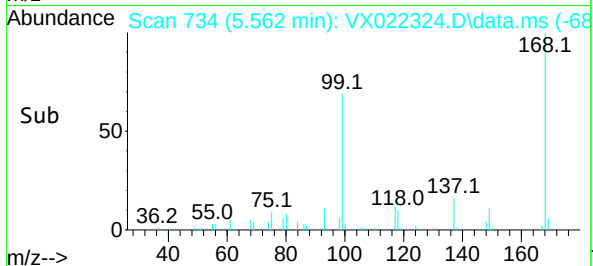
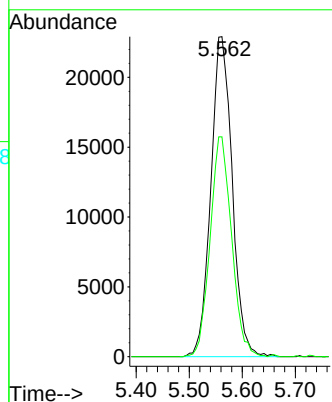


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022324.D
Acq: 02 Jun 2021 05:08

Instrument :
MSVOA_X
ClientSampleId :
36BR-20210526DL

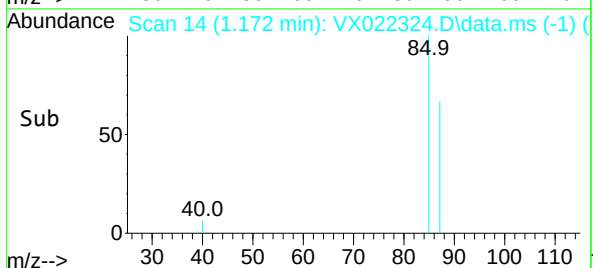
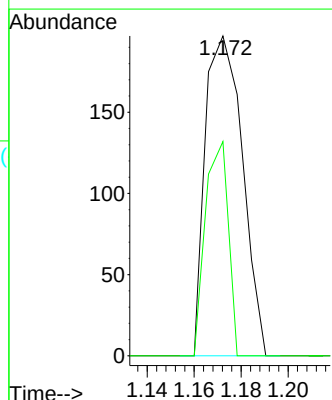
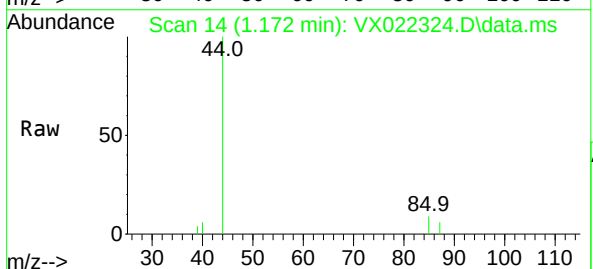


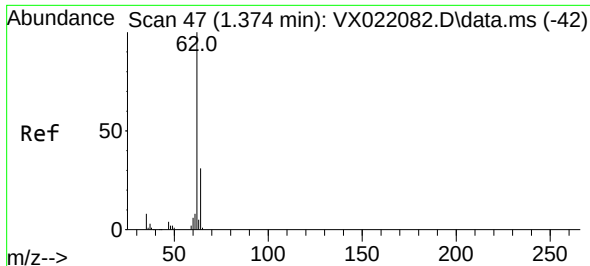
Tgt Ion:168 Resp: 64167
Ion Ratio Lower Upper
168 100
99 68.7 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 0.28 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.005 min
Lab File: VX022324.D
Acq: 02 Jun 2021 05:08

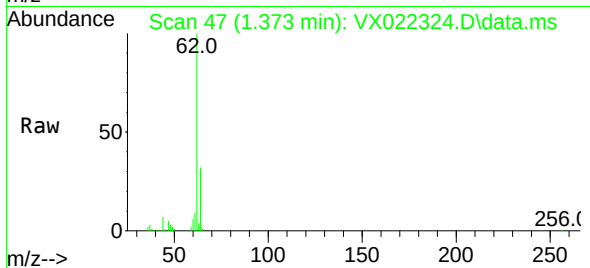
Tgt Ion: 85 Resp: 217
Ion Ratio Lower Upper
85 100
87 67.0 16.4 49.2#



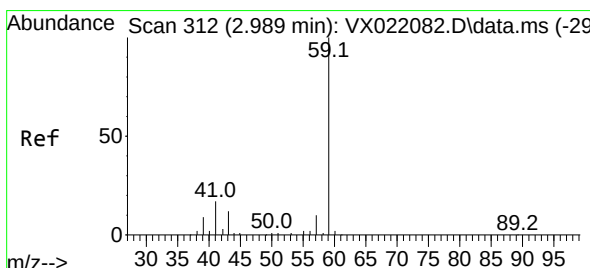
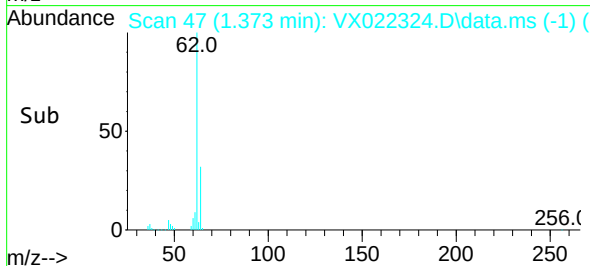
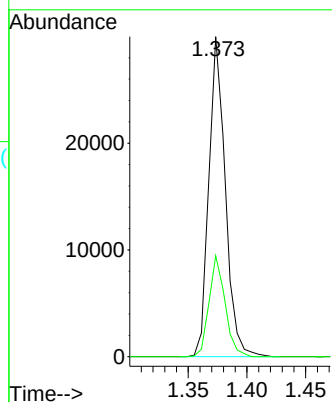


#4
 Vinyl Chloride
 Concen: 32.84 ug/l
 RT: 1.373 min Scan# 47
 Delta R.T. -0.001 min
 Lab File: VX022324.D
 Acq: 02 Jun 2021 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 36BR-20210526DL

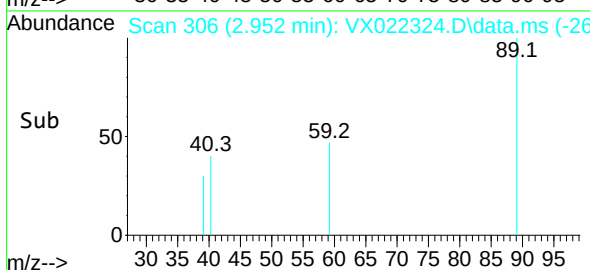
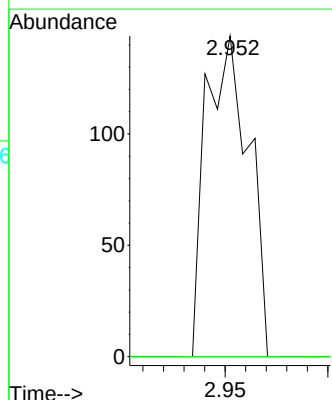
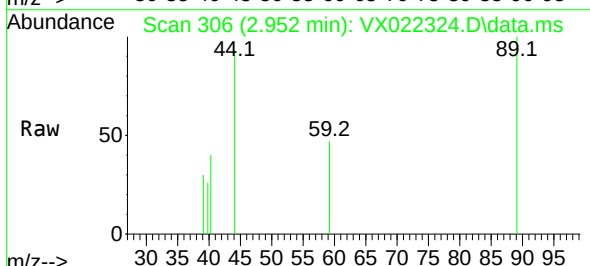


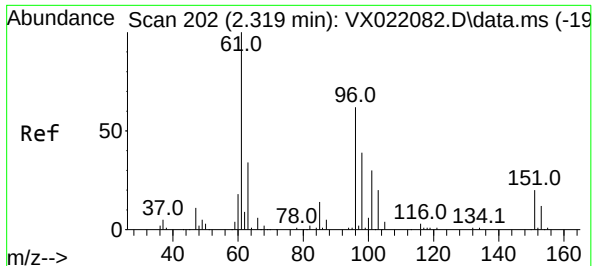
Tgt Ion: 62 Resp: 29237
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.7 38.5



#11
 Tert butyl alcohol
 Concen: 0.92 ug/l
 RT: 2.952 min Scan# 306
 Delta R.T. -0.037 min
 Lab File: VX022324.D
 Acq: 02 Jun 2021 05:08

Tgt Ion: 59 Resp: 209
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 1.17 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.001 min

Lab File: VX022324.D

Acq: 02 Jun 2021 05:08

Tgt Ion: 96 Resp: 864

Ion Ratio Lower Upper

96 100

61 120.8 124.6 187.0#

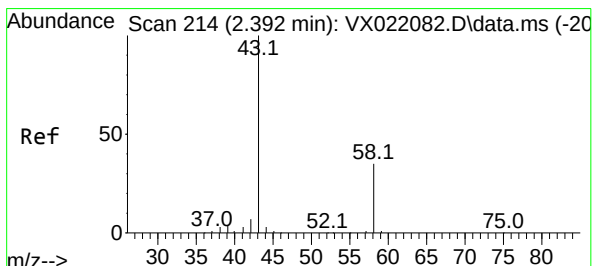
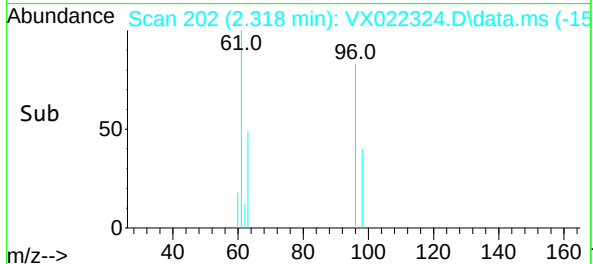
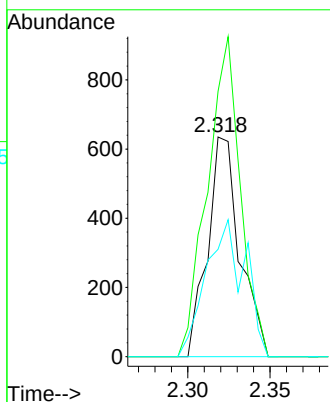
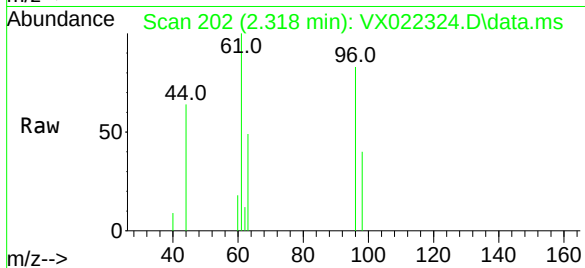
98 48.8 50.6 76.0#

Instrument :

MSVOA_X

ClientSampleId :

36BR-20210526DL



#16

Acetone

Concen: 2.54 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.007 min

Lab File: VX022324.D

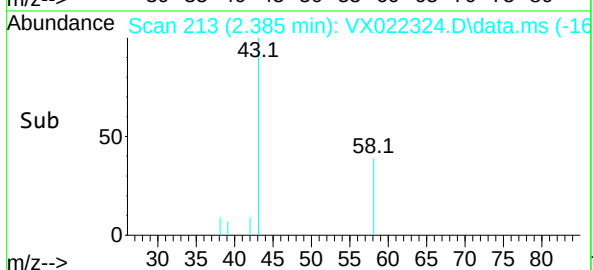
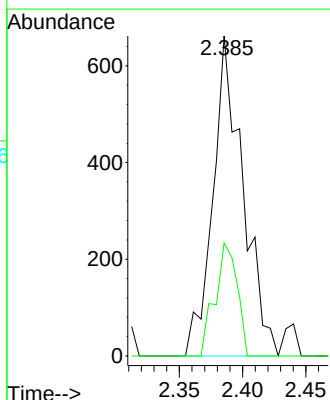
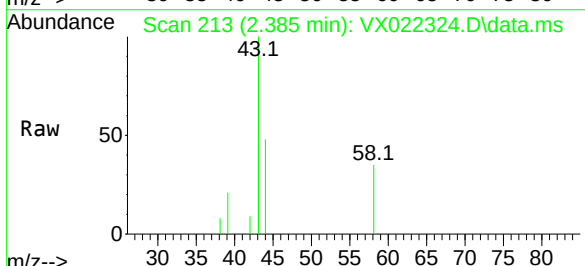
Acq: 02 Jun 2021 05:08

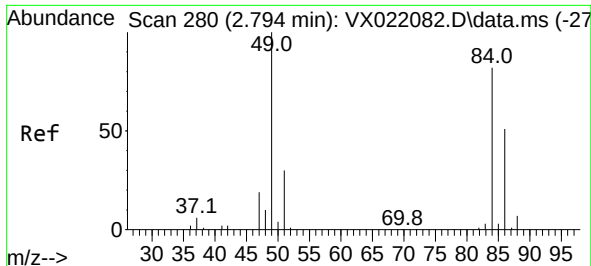
Tgt Ion: 43 Resp: 1093

Ion Ratio Lower Upper

43 100

58 35.3 27.8 41.8





#20

Methylene Chloride

Concen: 0.54 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022324.D

Acq: 02 Jun 2021 05:08

Instrument :

MSVOA_X

ClientSampleId :

36BR-20210526DL

Tgt Ion: 84 Resp: 518

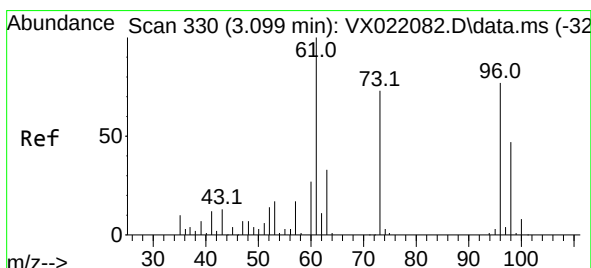
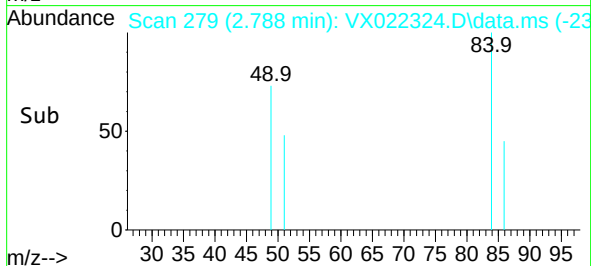
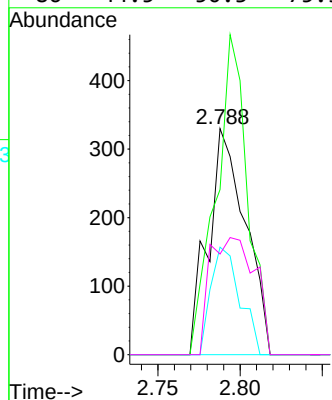
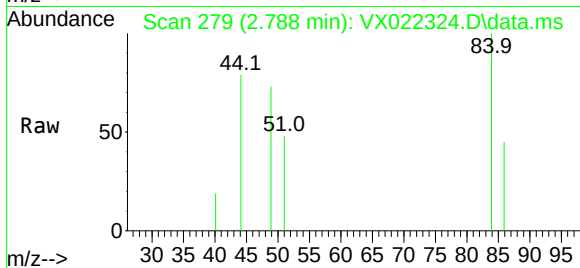
Ion Ratio Lower Upper

84 100

49 73.0 88.6 132.8#

51 47.6 27.0 40.6#

86 44.5 50.3 75.5#



#21

trans-1,2-Dichloroethene

Concen: 0.94 ug/l

RT: 3.105 min Scan# 331

Delta R.T. 0.006 min

Lab File: VX022324.D

Acq: 02 Jun 2021 05:08

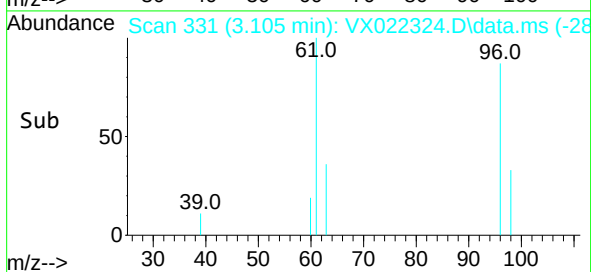
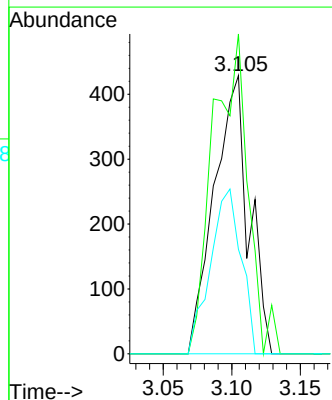
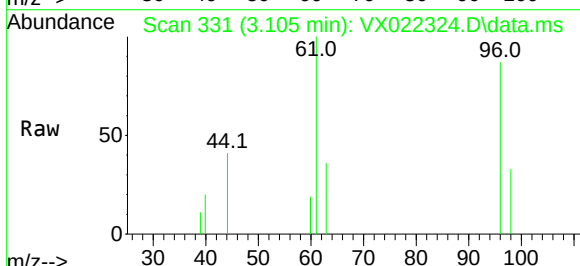
Tgt Ion: 96 Resp: 753

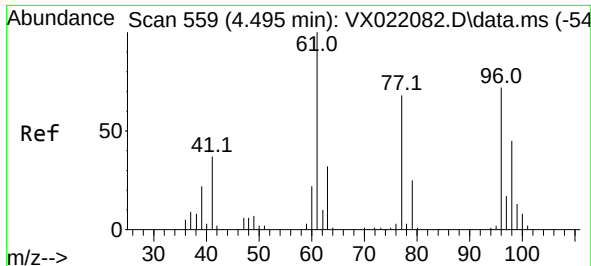
Ion Ratio Lower Upper

96 100

61 114.9 107.7 161.5

98 37.5 50.4 75.6#





#27

cis-1,2-Dichloroethene

Concen: 204.02 ug/l

RT: 4.501 min Scan# 560

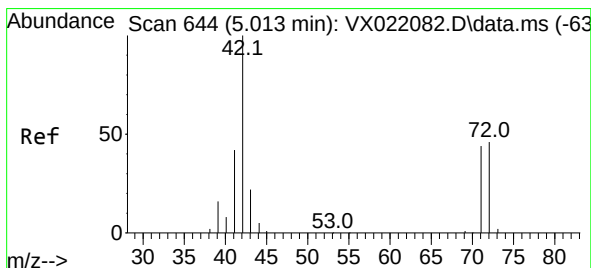
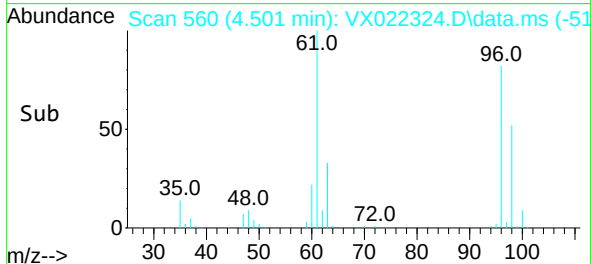
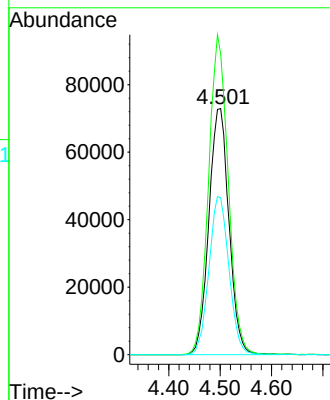
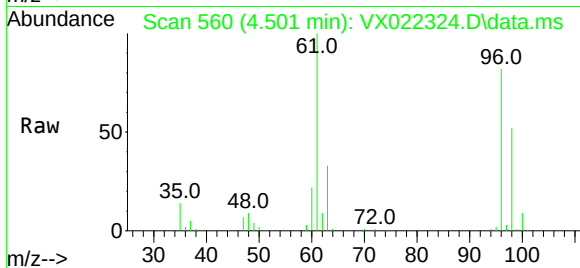
Delta R.T. 0.006 min

Lab File: VX022324.D

Acq: 02 Jun 2021 05:08

Tgt Ion: 96 Resp: 198479

Ion	Ratio	Lower	Upper
96	100		
61	126.8	0.0	285.6
98	63.9	0.0	129.6



#29

Tetrahydrofuran

Concen: 1.71 ug/l

RT: 5.025 min Scan# 646

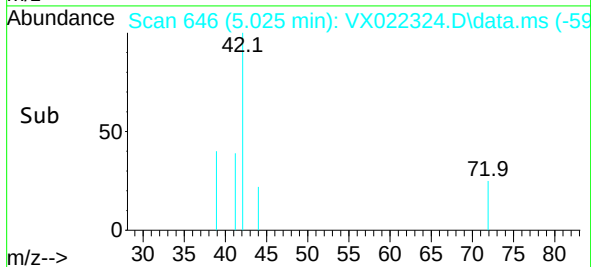
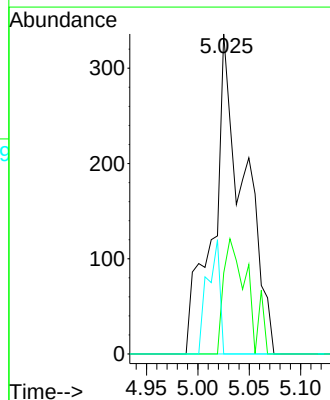
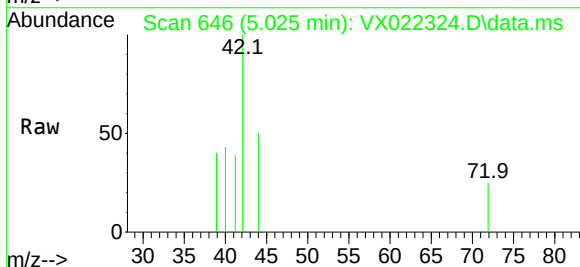
Delta R.T. 0.012 min

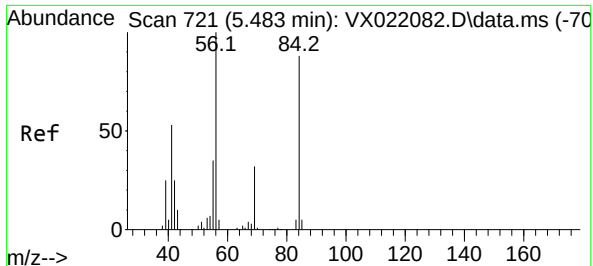
Lab File: VX022324.D

Acq: 02 Jun 2021 05:08

Tgt Ion: 42 Resp: 710

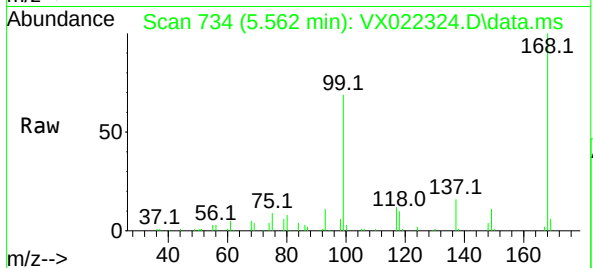
Ion	Ratio	Lower	Upper
42	100		
72	27.5	41.7	62.5#
71	14.2	38.4	57.6#



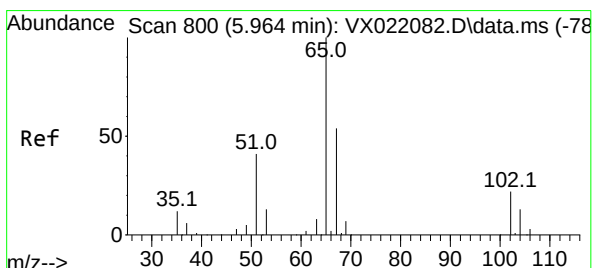
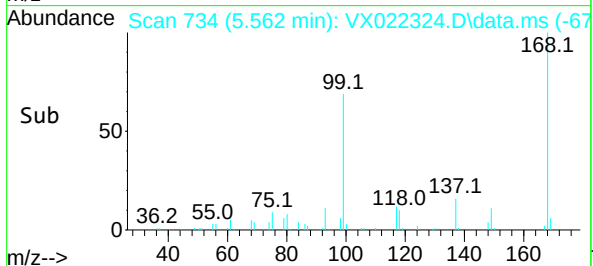
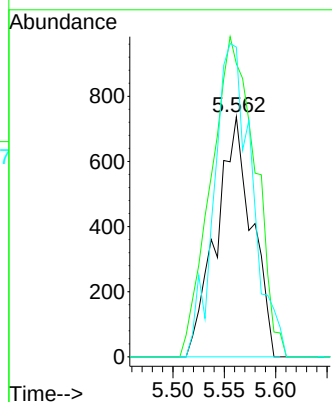


#31
Cyclohexane
Concen: 1.43 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022324.D
Acq: 02 Jun 2021 05:08

Instrument :
MSVOA_X
ClientSampleId :
36BR-20210526DL

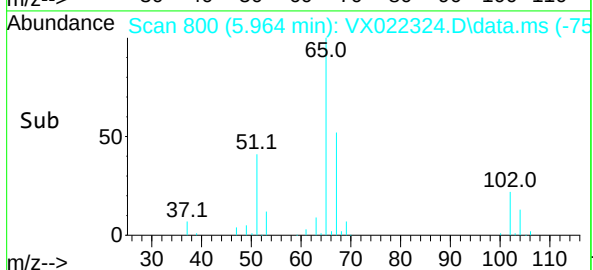
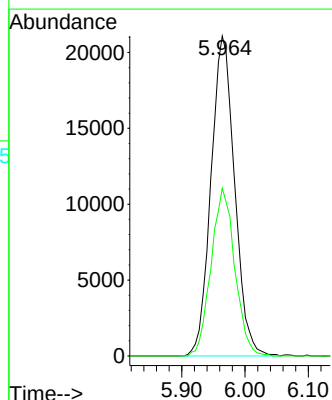
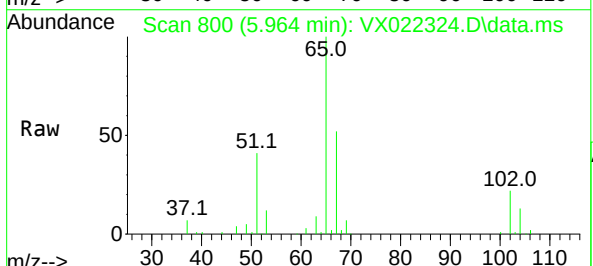


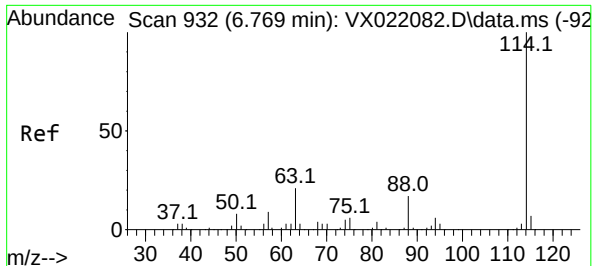
Tgt Ion: 56 Resp: 1782
Ion Ratio Lower Upper
56 100
69 122.1 25.3 37.9#
84 129.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 55.25 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022324.D
Acq: 02 Jun 2021 05:08

Tgt Ion: 65 Resp: 54689
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

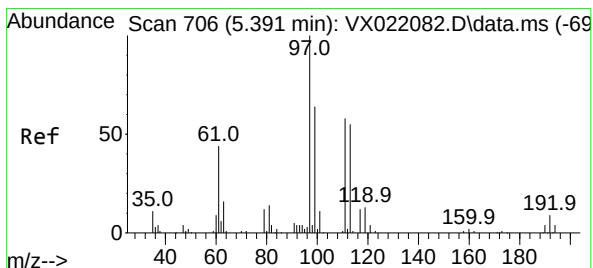
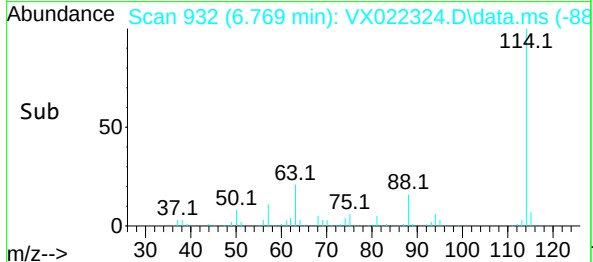
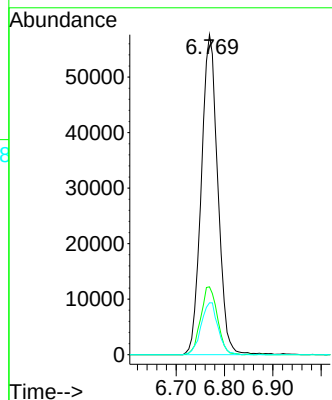
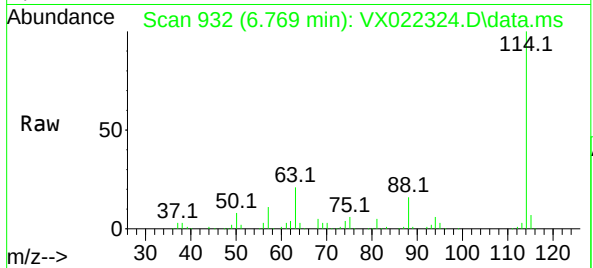




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022324.D
Acq: 02 Jun 2021 05:08

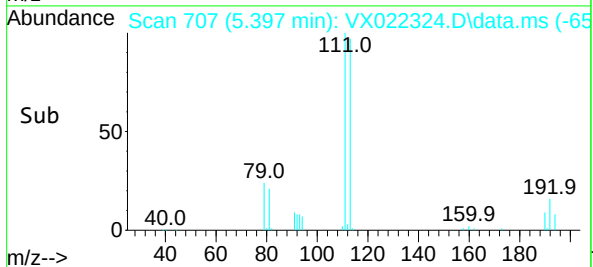
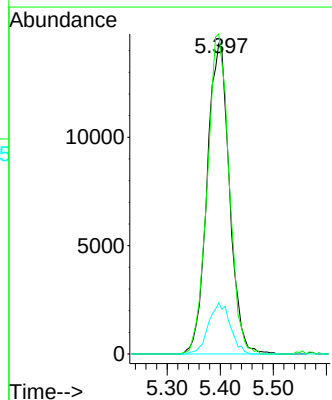
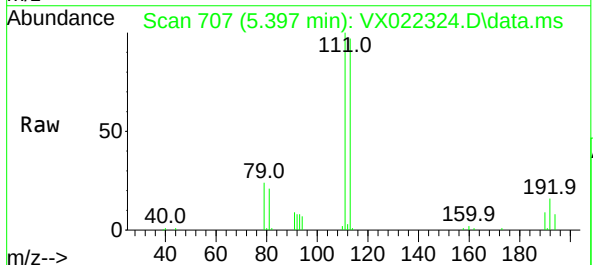
Instrument :
MSVOA_X
ClientSampleId :
36BR-20210526DL

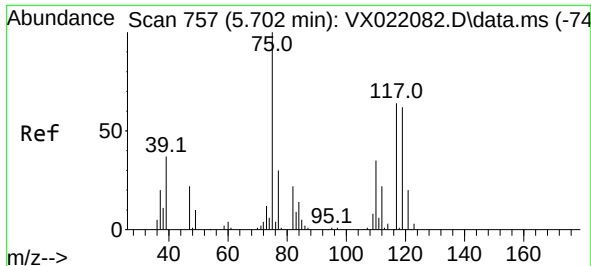
Tgt Ion:114 Resp: 136299
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.56 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022324.D
Acq: 02 Jun 2021 05:08

Tgt Ion:113 Resp: 41974
Ion Ratio Lower Upper
113 100
111 100.7 81.9 122.9
192 16.0 16.7 25.1#

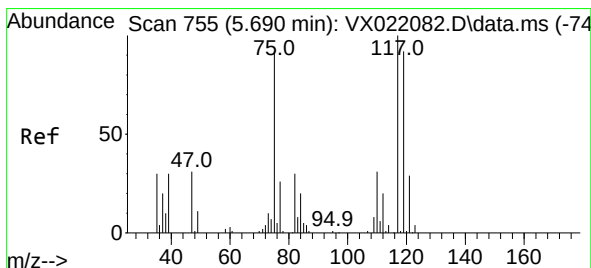
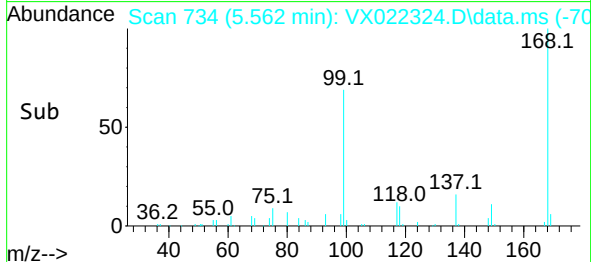
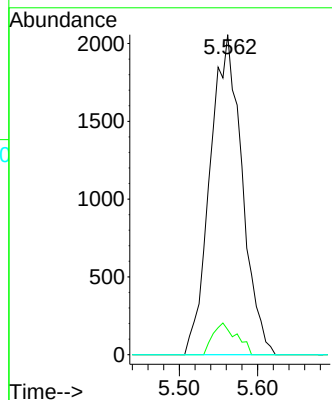
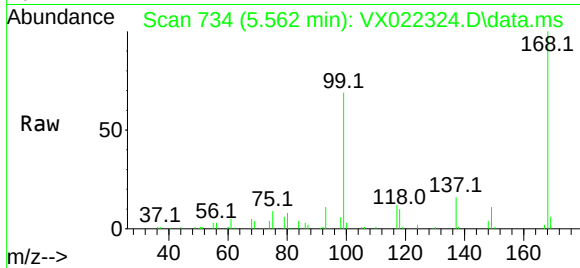




#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022324.D
Acq: 02 Jun 2021 05:08

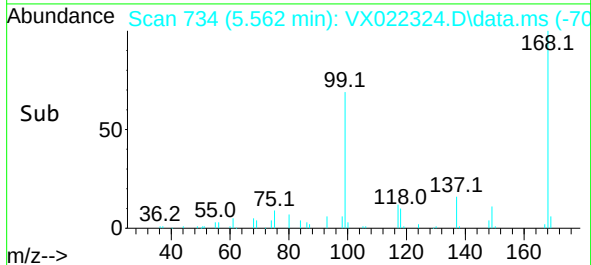
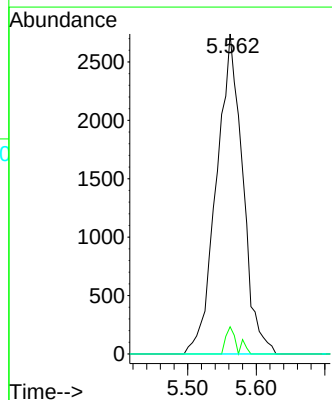
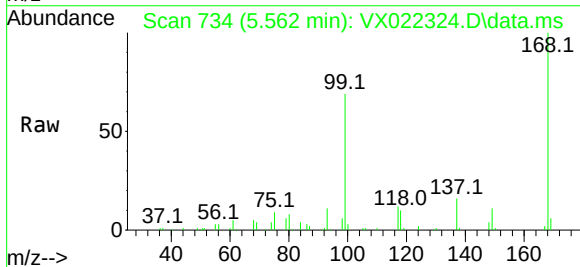
Instrument :
MSVOA_X
ClientSampleId :
36BR-20210526DL

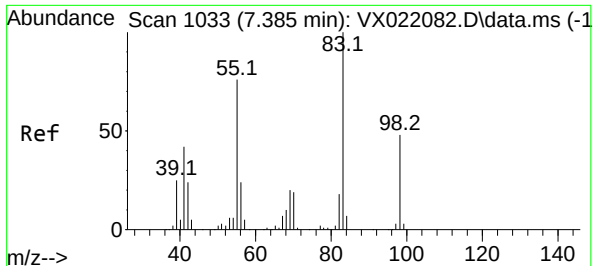
Tgt Ion: 75 Resp: 5830
Ion Ratio Lower Upper
75 100
110 7.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.91 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022324.D
Acq: 02 Jun 2021 05:08

Tgt Ion: 117 Resp: 7284
Ion Ratio Lower Upper
117 100
119 8.5 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 1.06 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.257 min

Lab File: VX022324.D

Acq: 02 Jun 2021 05:08

Tgt Ion: 83 Resp: 1516

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

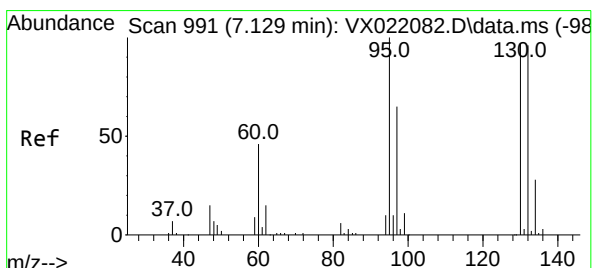
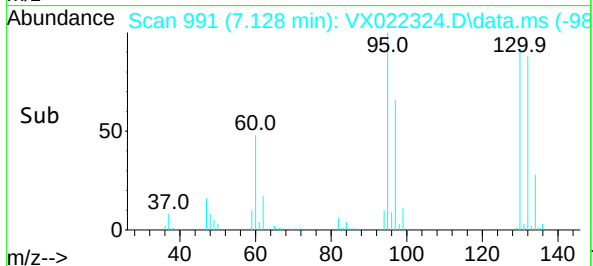
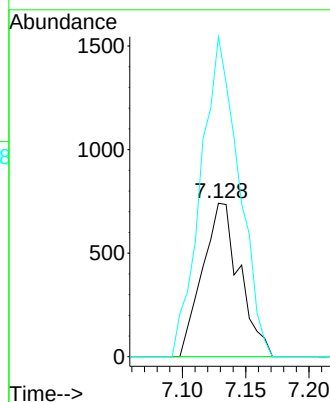
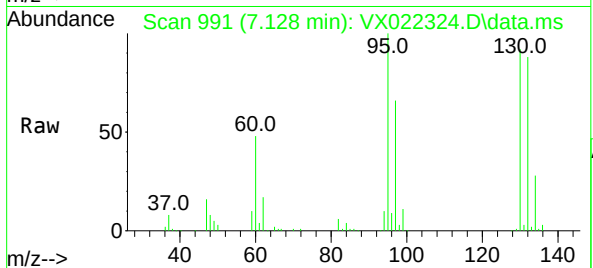
98 208.5 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

36BR-20210526DL



#44

Trichloroethene

Concen: 118.98 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022324.D

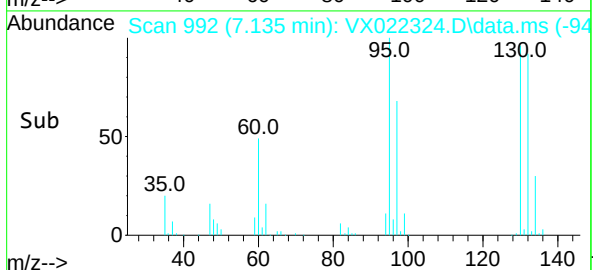
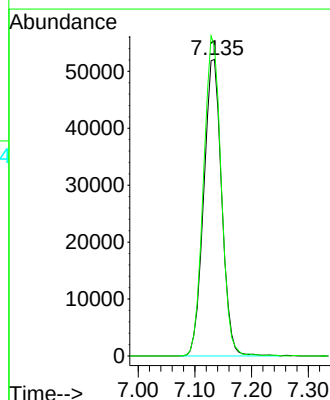
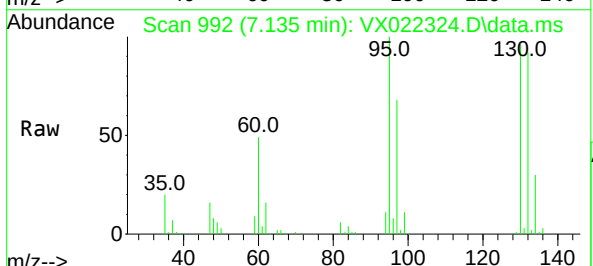
Acq: 02 Jun 2021 05:08

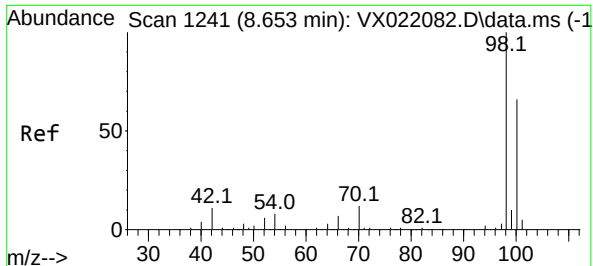
Tgt Ion:130 Resp: 114657

Ion Ratio Lower Upper

130 100

95 104.4 0.0 198.0

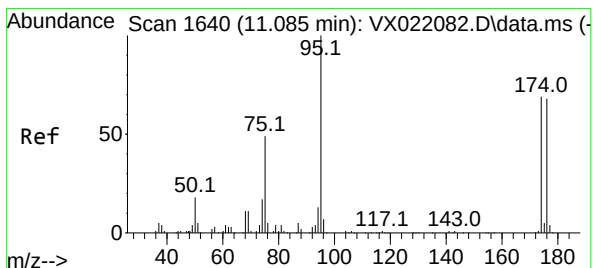
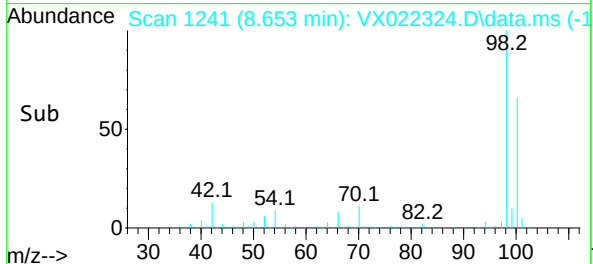
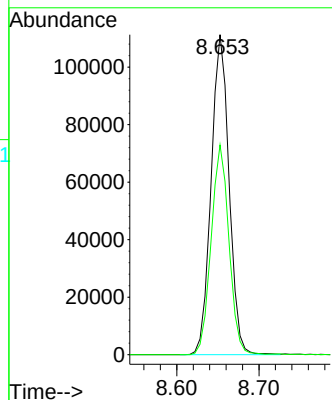
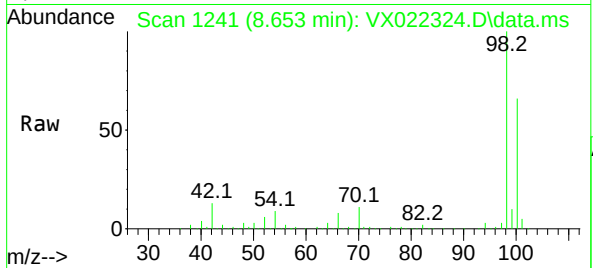




#50
Toluene-d8
Concen: 50.59 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022324.D
Acq: 02 Jun 2021 05:08

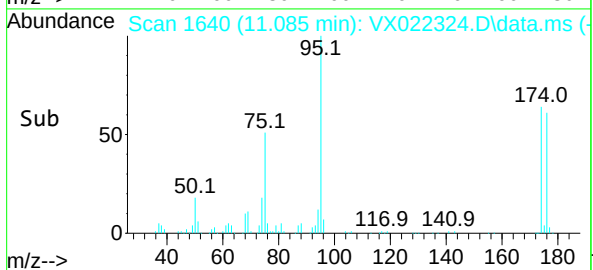
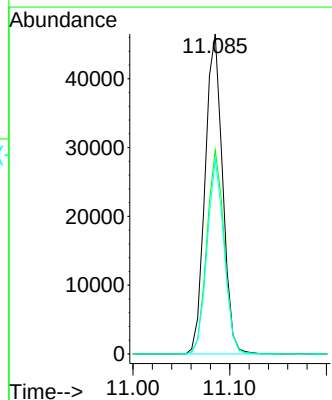
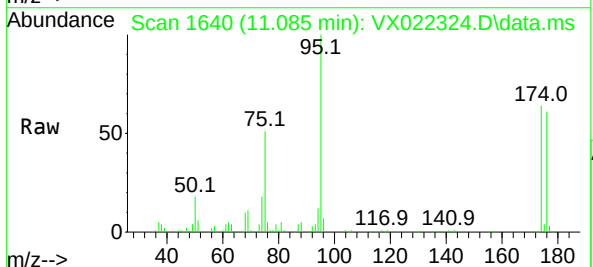
Instrument :
MSVOA_X
ClientSampleId :
36BR-20210526DL

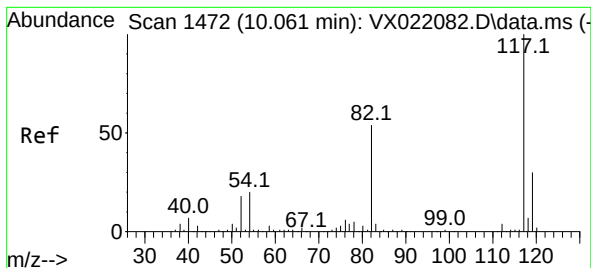
Tgt Ion: 98 Resp: 168445
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.56 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022324.D
Acq: 02 Jun 2021 05:08

Tgt Ion: 95 Resp: 58525
Ion Ratio Lower Upper
95 100
174 63.2 0.0 154.6
176 59.2 0.0 155.8

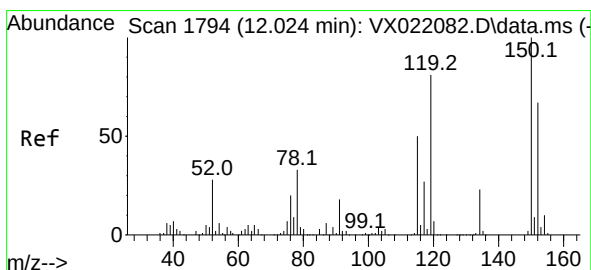
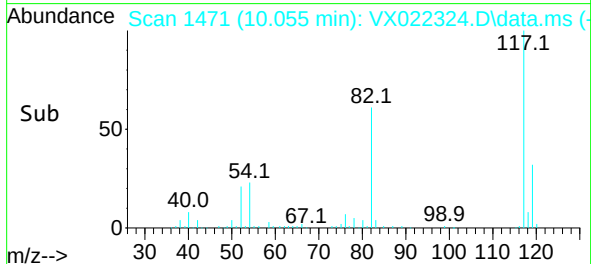
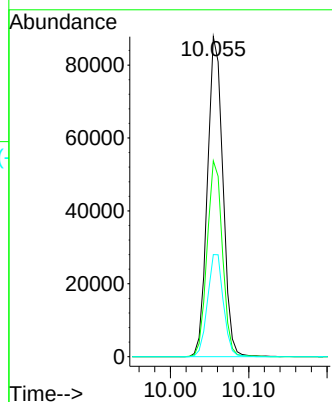
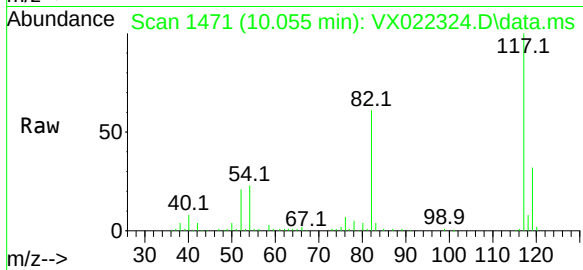




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022324.D
Acq: 02 Jun 2021 05:08

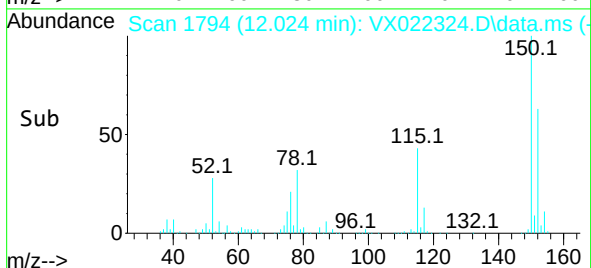
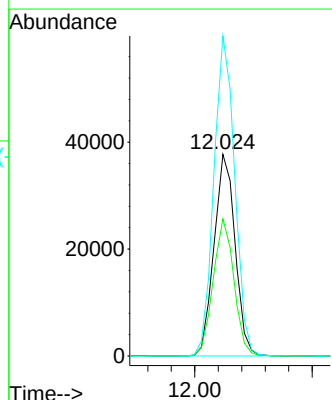
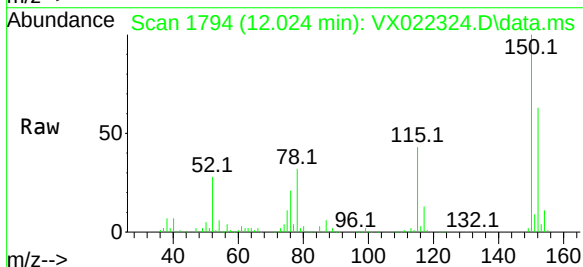
Instrument :
MSVOA_X
ClientSampleId :
36BR-20210526DL

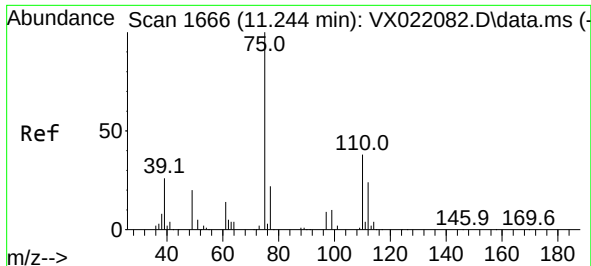
Tgt Ion:117 Resp: 119925
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022324.D
Acq: 02 Jun 2021 05:08

Tgt Ion:152 Resp: 46980
Ion Ratio Lower Upper
152 100
115 66.9 41.1 123.3
150 157.1 0.0 349.0

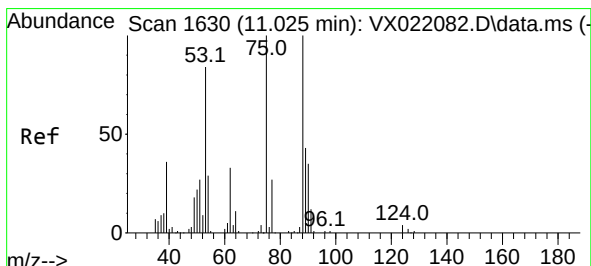
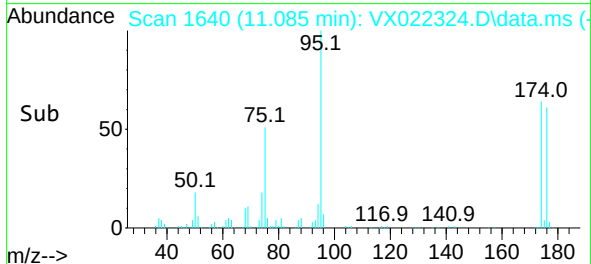
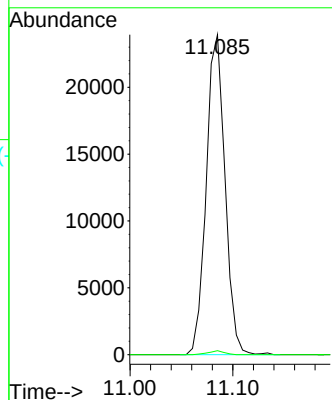
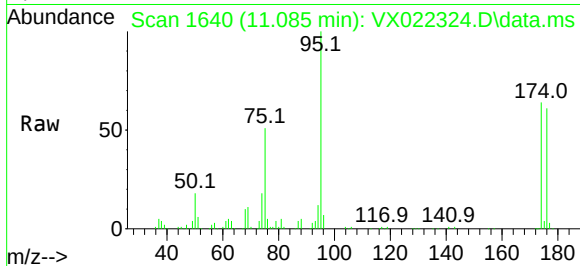




#76
1,2,3-Trichloropropane
Concen: 26.28 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022324.D
Acq: 02 Jun 2021 05:08

Instrument :
MSVOA_X
ClientSampleId :
36BR-20210526DL

Tgt Ion: 75 Resp: 30457
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.26 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022324.D
Acq: 02 Jun 2021 05:08

Tgt Ion: 75 Resp: 30457
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

