

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030723\
 Data File : VX034360.D
 Acq On : 07 Mar 2023 10:12
 Operator : JC/MD
 Sample : VX0307MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307MBL01

Quant Time: Mar 08 01:00:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

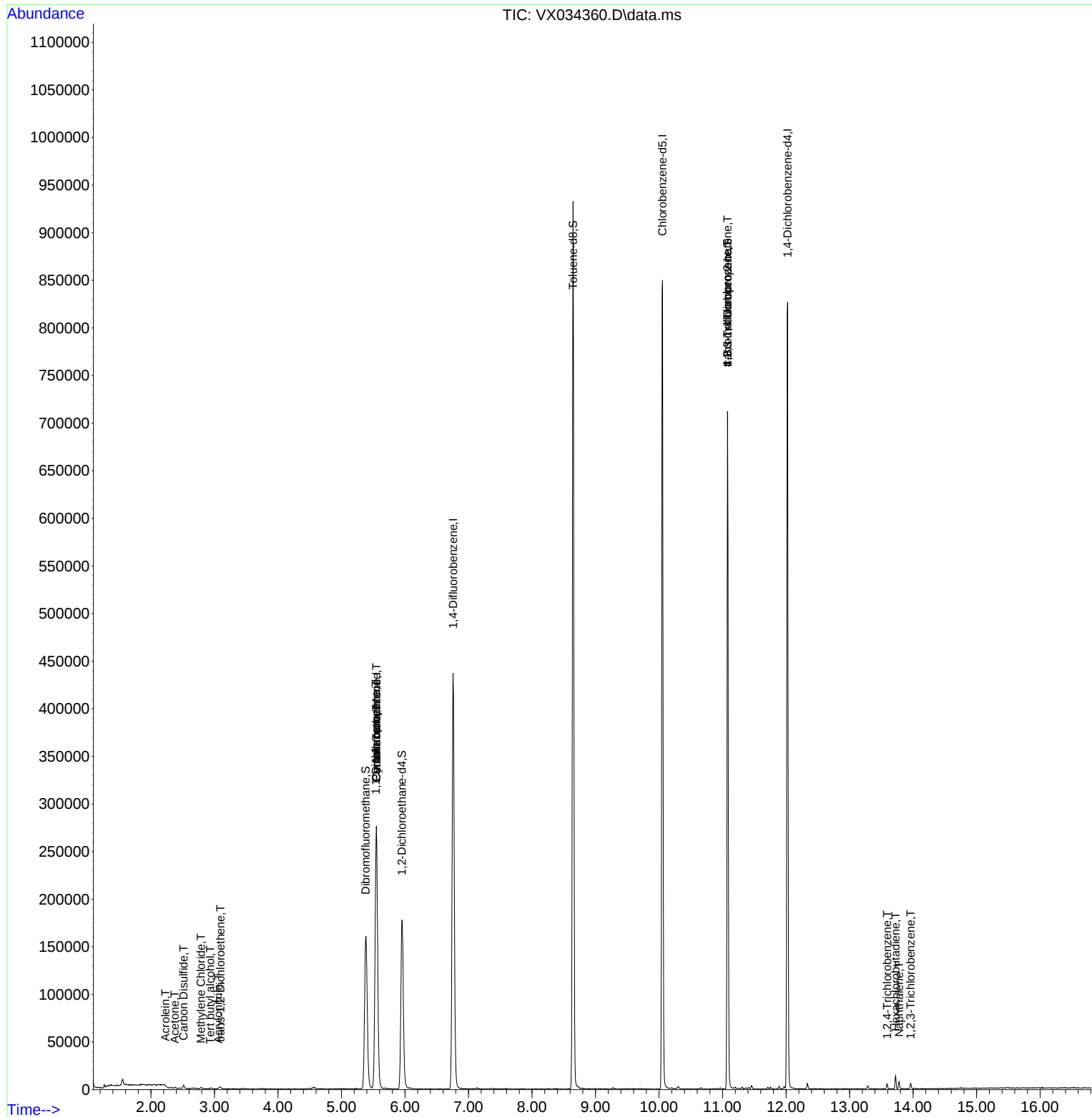
Internal Standards						
1) Pentafluorobenzene	5.550	168	263739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	447747	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	390975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170039	47.872	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.740%
35) Dibromofluoromethane	5.379	113	142872	49.008	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.020%
50) Toluene-d8	8.647	98	539057	51.502	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.000%
62) 4-Bromofluorobenzene	11.079	95	187026	46.714	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.420%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	429	Below Cal		99
11) Tert butyl alcohol	2.934	59	353	0.444 ug/l	#	86
13) Acrolein	2.227	56	451	1.244 ug/l	#	5
15) Acrylonitrile	3.062	53	1043	0.602 ug/l	#	88
16) Acetone	2.374	43	1470	0.802 ug/l		90
17) Carbon Disulfide	2.514	76	3949	0.481 ug/l	#	89
20) Methylene Chloride	2.788	84	662	0.201 ug/l	#	79
21) trans-1,2-Dichloroethene	3.093	96	650	0.217 ug/l	#	86
31) Cyclohexane	5.550	56	5984	1.128 ug/l	#	1
36) 1,1-Dichloropropene	5.544	75	20084	4.658 ug/l	#	48
38) Carbon Tetrachloride	5.550	117	25581	5.766 ug/l	#	16
76) 1,2,3-Trichloropropane	11.079	75	95742	21.380 ug/l	#	34
81) trans-1,4-Dichloro-2-b...	11.079	75	95742	54.922 ug/l	#	8
93) 1,2,4-Trichlorobenzene	13.591	180	1502	0.391 ug/l		87
94) Hexachlorobutadiene	13.725	225	1774	1.113 ug/l		95
95) Naphthalene	13.780	128	5686	0.439 ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	1711	0.448 ug/l		98

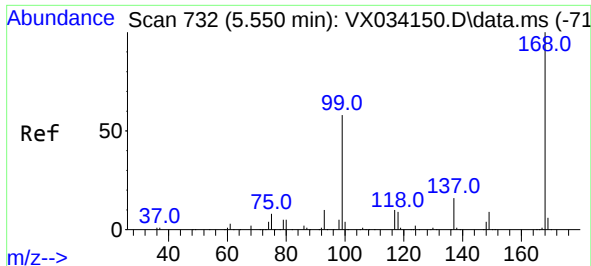
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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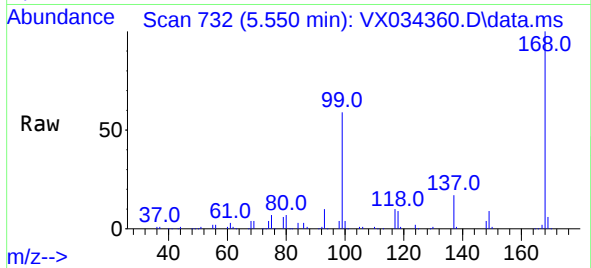
Quant Time: Mar 08 01:00:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
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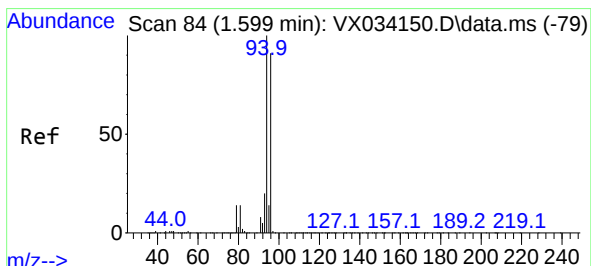
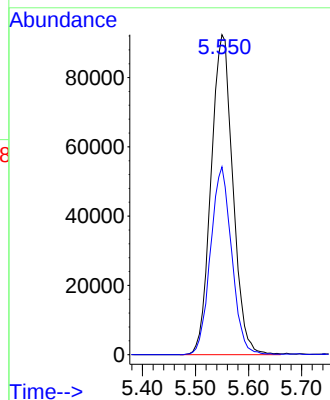


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

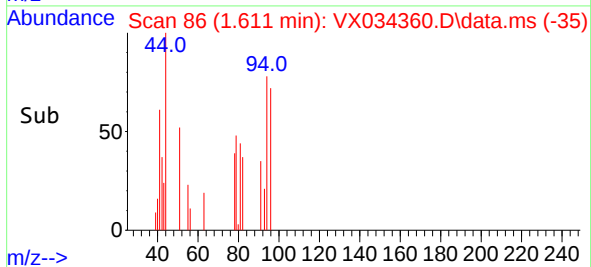
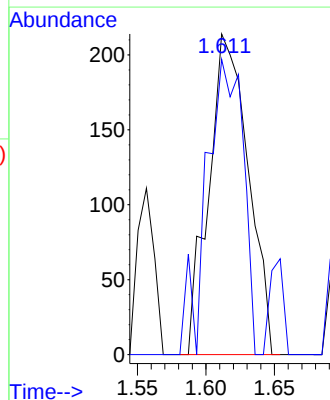
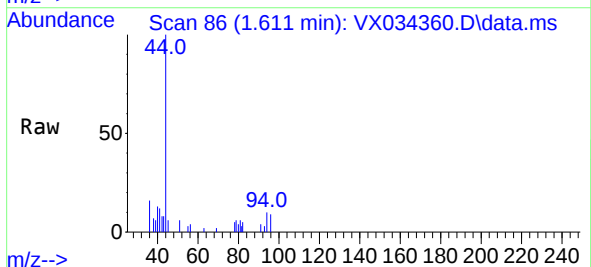


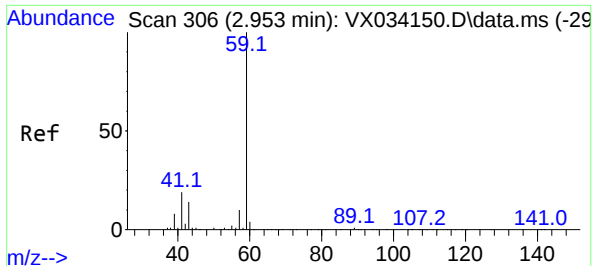
Tgt Ion:168 Resp: 263739
Ion Ratio Lower Upper
168 100
99 58.7 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

Tgt Ion: 94 Resp: 429
Ion Ratio Lower Upper
94 100
96 92.1 74.3 111.5





#11

Tert butyl alcohol

Concen: 0.444 ug/l

RT: 2.934 min Scan# 306

Delta R.T. -0.018 min

Lab File: VX034360.D

Acq: 07 Mar 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

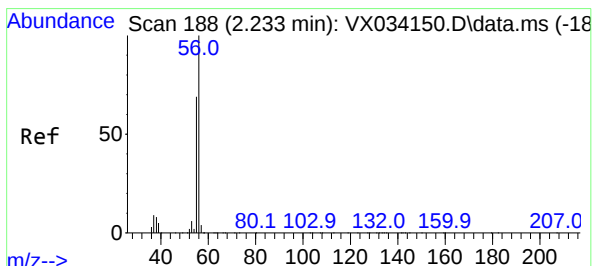
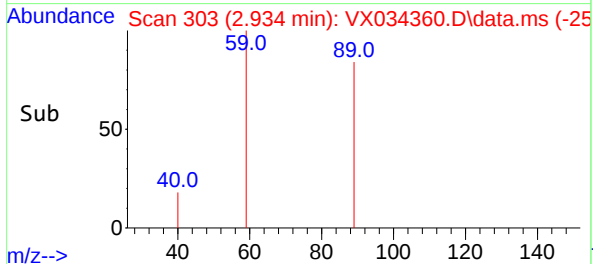
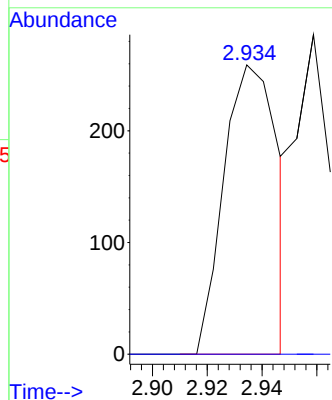
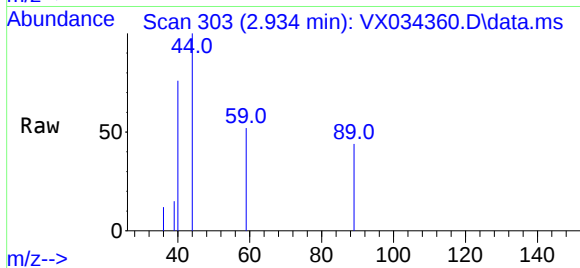
VX0307MBL01

Tgt Ion: 59 Resp: 353

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#13

Acrolein

Concen: 1.244 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.006 min

Lab File: VX034360.D

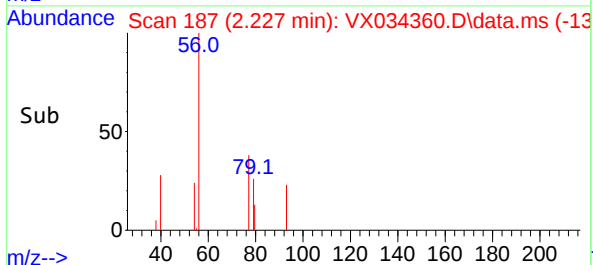
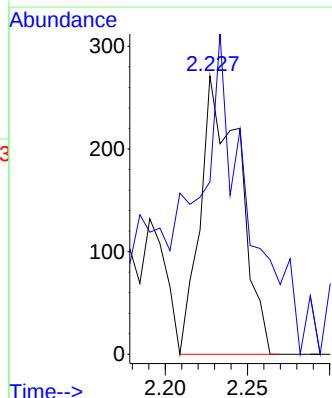
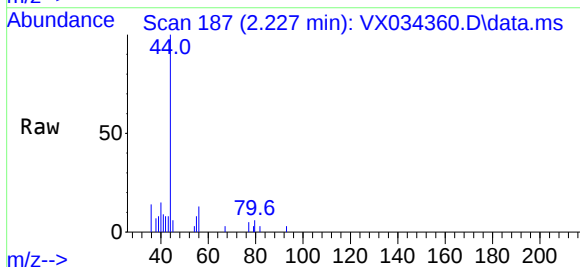
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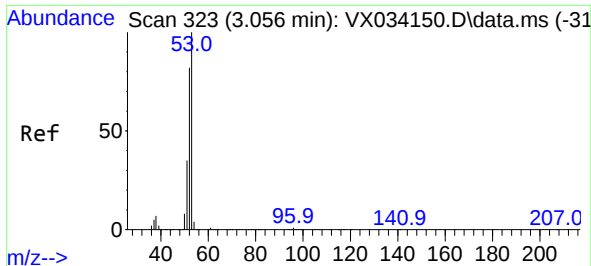
Tgt Ion: 56 Resp: 451

Ion Ratio Lower Upper

56 100

55 148.3 56.3 84.5#

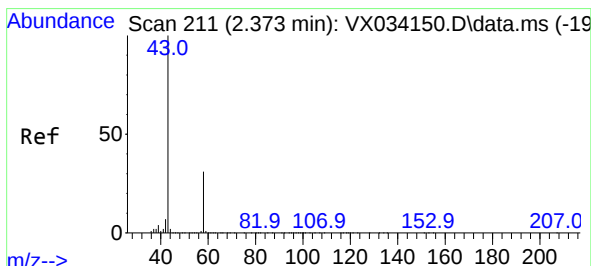
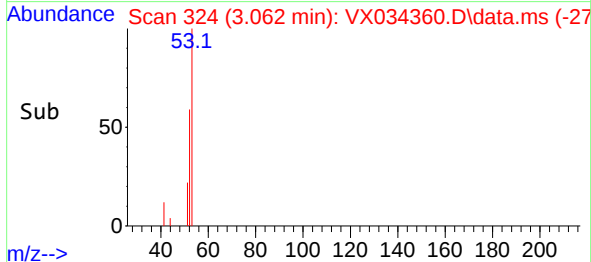
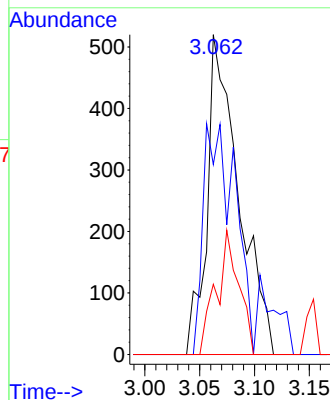
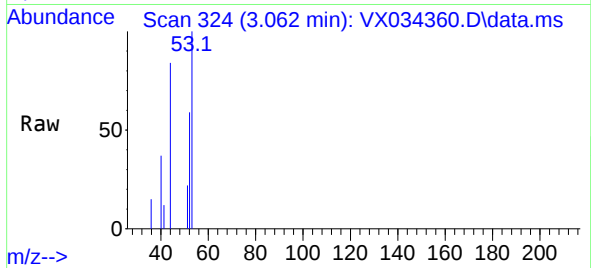




#15
Acrylonitrile
Concen: 0.602 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

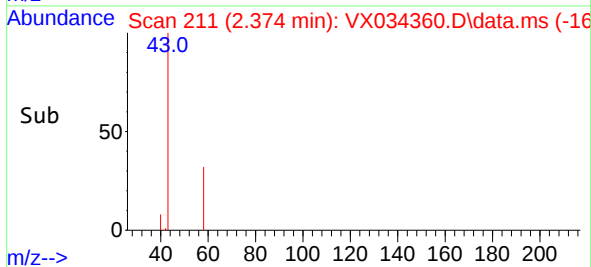
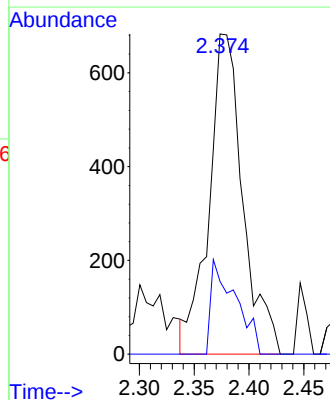
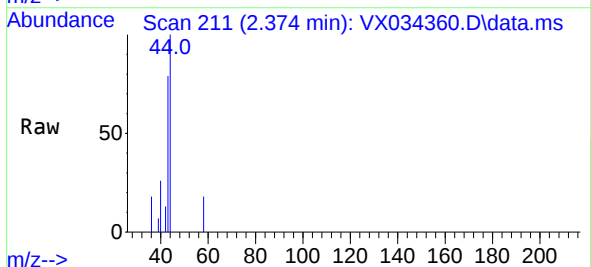
Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

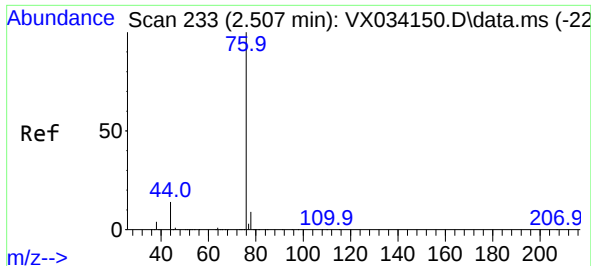
Tgt Ion: 53 Resp: 1043
Ion Ratio Lower Upper
53 100
52 72.5 65.7 98.5
51 27.7 29.0 43.4#



#16
Acetone
Concen: 0.802 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
58 22.7 22.6 33.8





#17

Carbon Disulfide

Concen: 0.481 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034360.D

Acq: 07 Mar 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

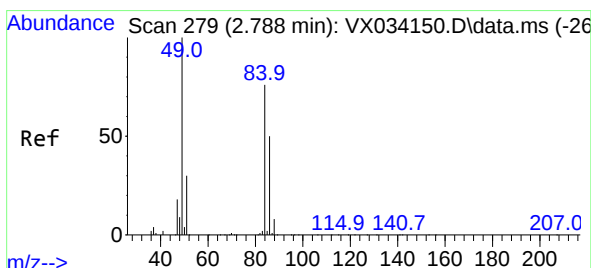
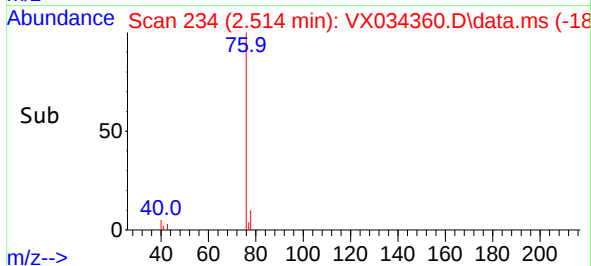
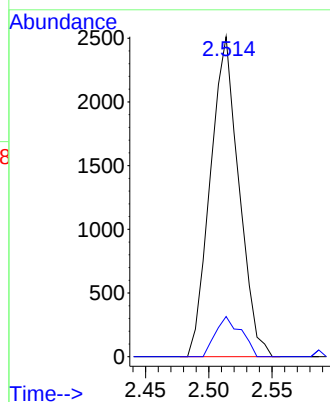
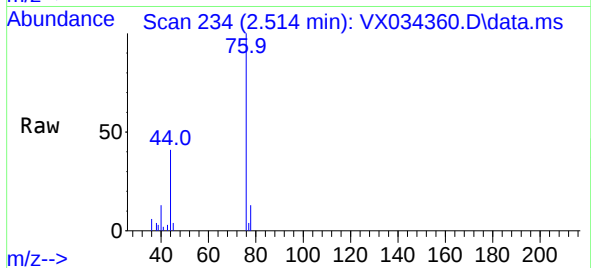
VX0307MBL01

Tgt Ion: 76 Resp: 3949

Ion Ratio Lower Upper

76 100

78 12.6 7.0 10.6#



#20

Methylene Chloride

Concen: 0.201 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX034360.D

Acq: 07 Mar 2023 10:12

Tgt Ion: 84 Resp: 662

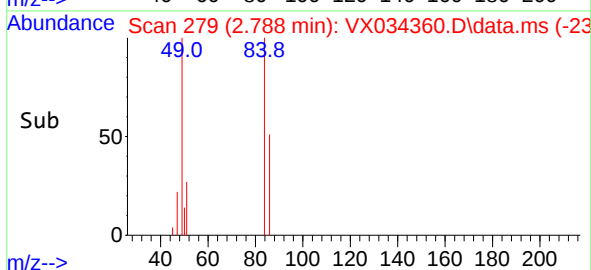
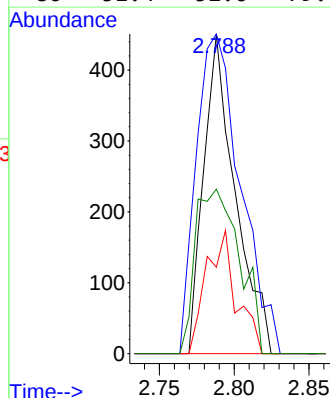
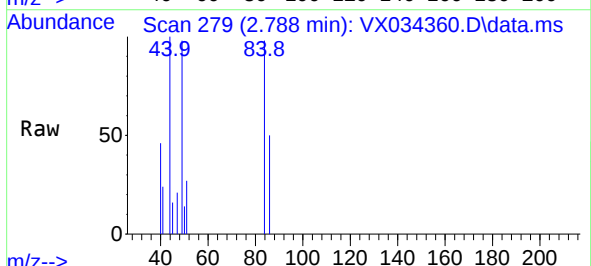
Ion Ratio Lower Upper

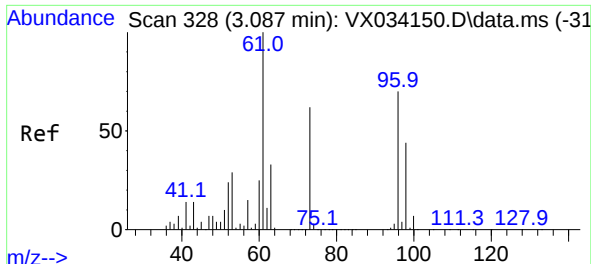
84 100

49 100.0 101.1 151.7#

51 27.1 31.0 46.6#

86 51.4 52.6 79.0#

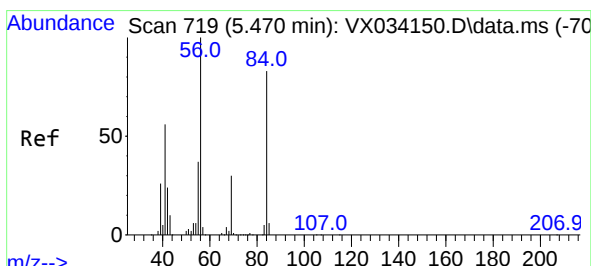
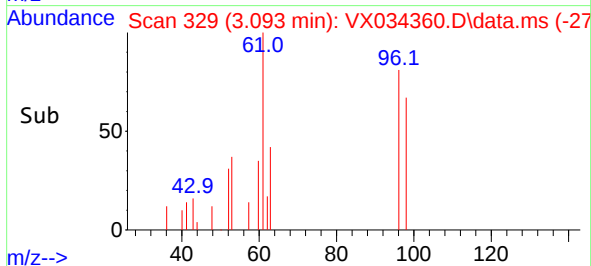
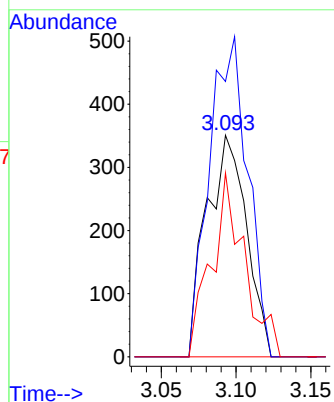
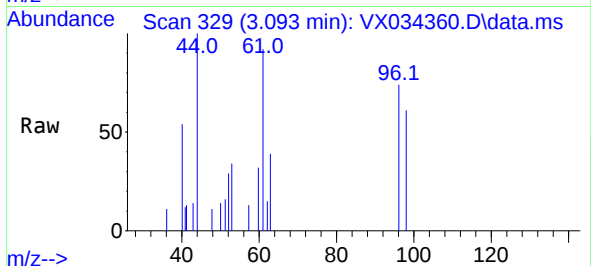




#21
trans-1,2-Dichloroethene
Concen: 0.217 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

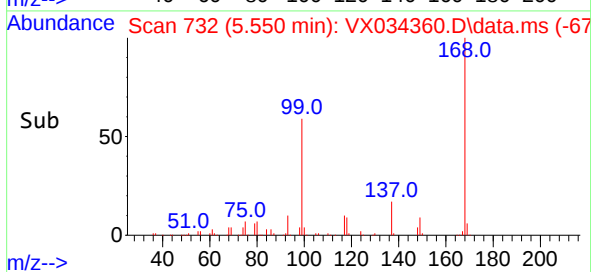
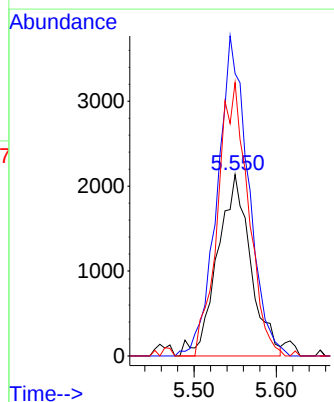
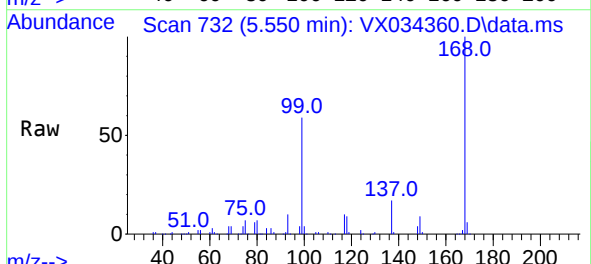
Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

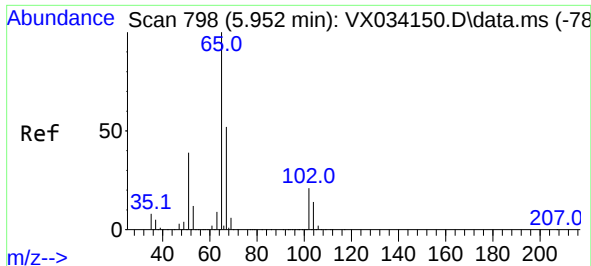
Tgt Ion: 96 Resp: 650
Ion Ratio Lower Upper
96 100
61 124.2 106.7 160.1
98 82.9 50.0 75.0#



#31
Cyclohexane
Concen: 1.128 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

Tgt Ion: 56 Resp: 5984
Ion Ratio Lower Upper
56 100
69 152.9 24.6 37.0#
84 150.7 71.0 106.6#

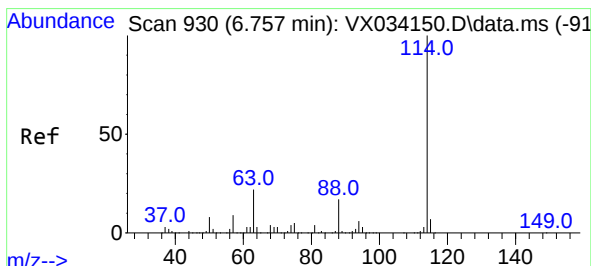
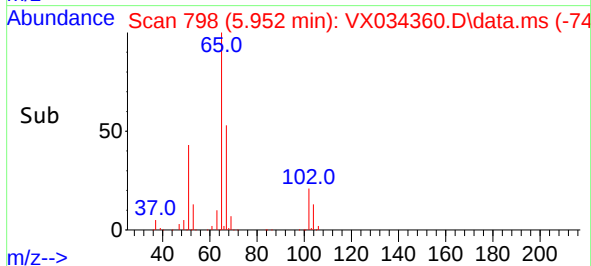
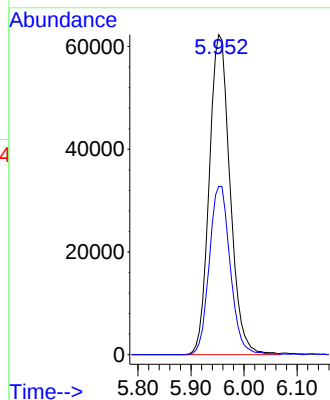
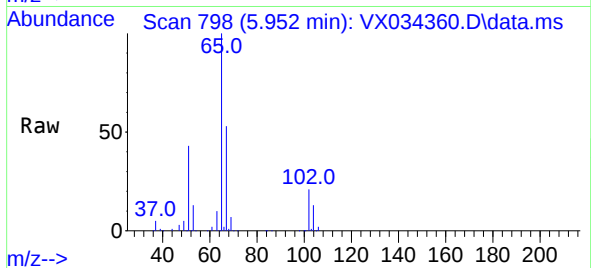




#33
1,2-Dichloroethane-d4
Concen: 47.872 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

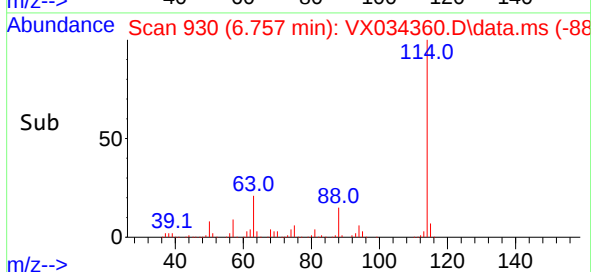
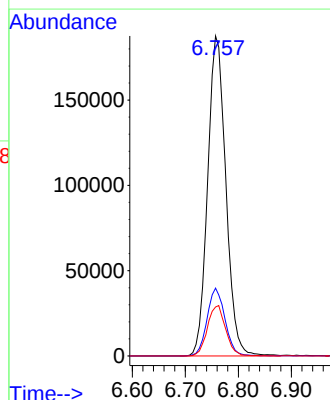
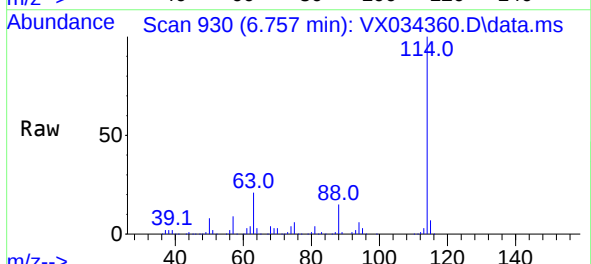
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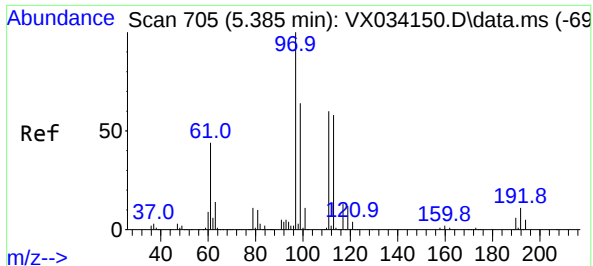
Tgt Ion: 65 Resp: 170039
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

Tgt Ion: 114 Resp: 447747
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.4
88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.008 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX034360.D

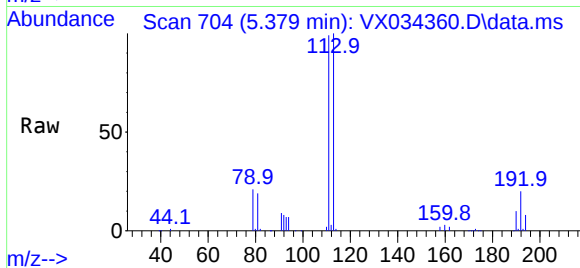
Acq: 07 Mar 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VX0307MBL01



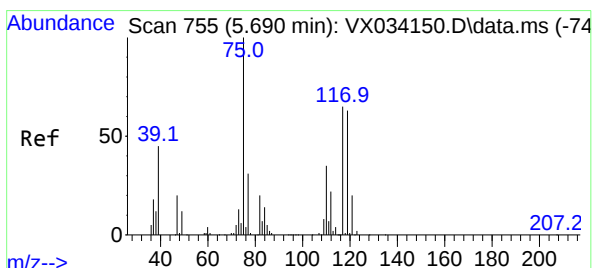
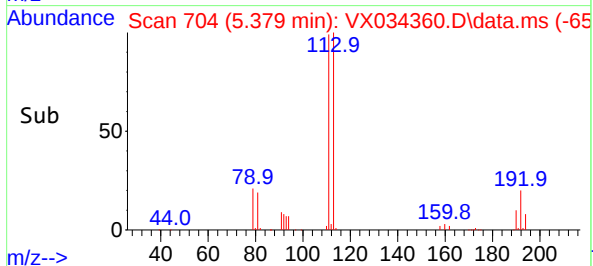
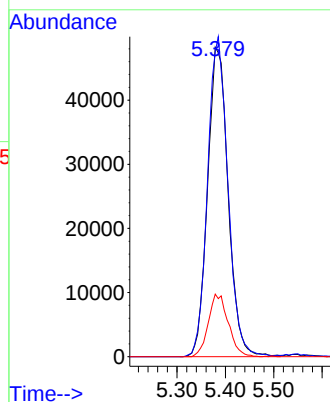
Tgt Ion:113 Resp: 142872

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.6

192 19.5 19.0 28.4



#36

1,1-Dichloropropene

Concen: 4.658 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX034360.D

Acq: 07 Mar 2023 10:12

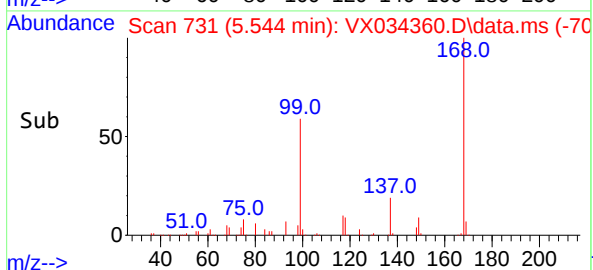
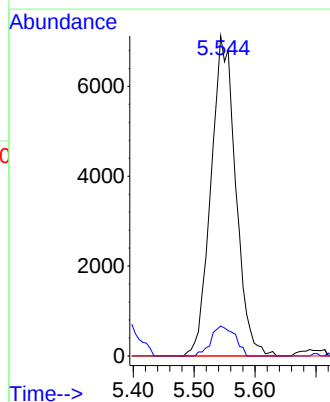
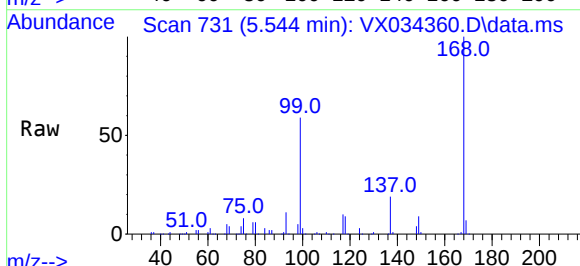
Tgt Ion: 75 Resp: 20084

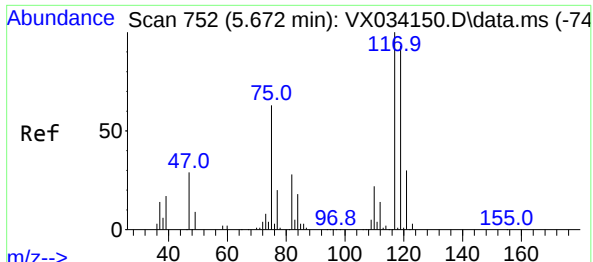
Ion Ratio Lower Upper

75 100

110 9.0 18.8 56.4#

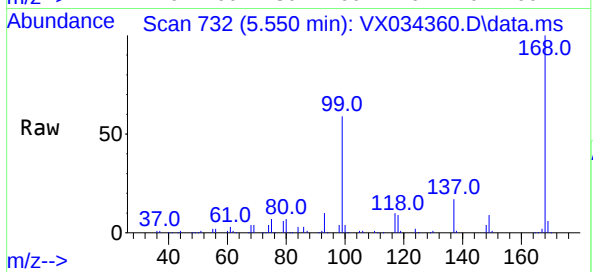
77 0.0 25.1 37.7#



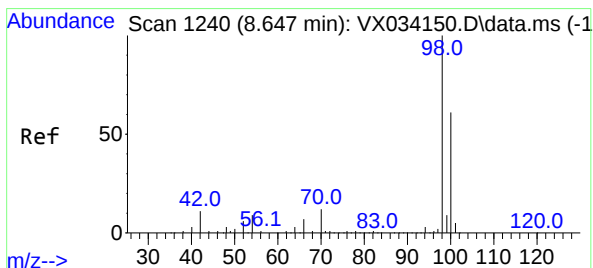
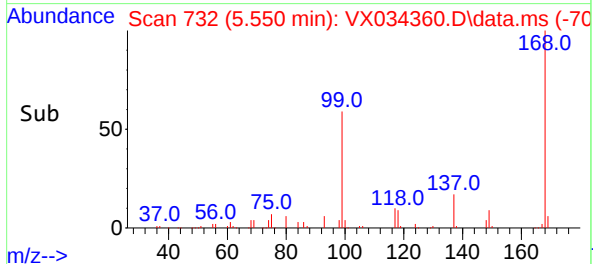
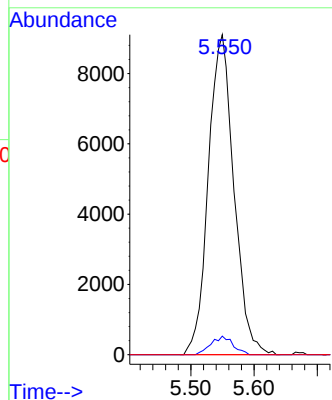


#38
Carbon Tetrachloride
Concen: 5.766 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

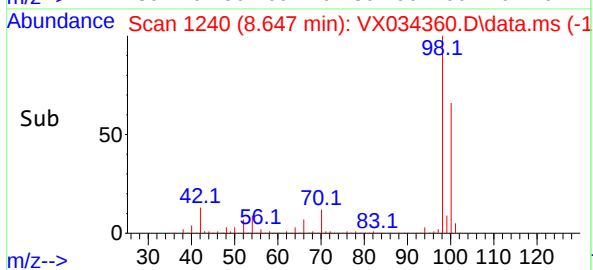
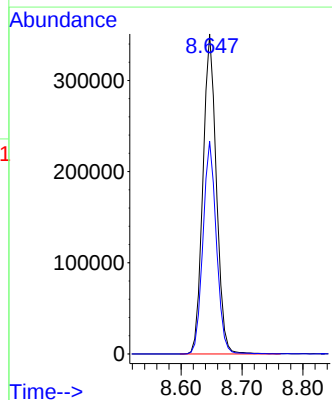
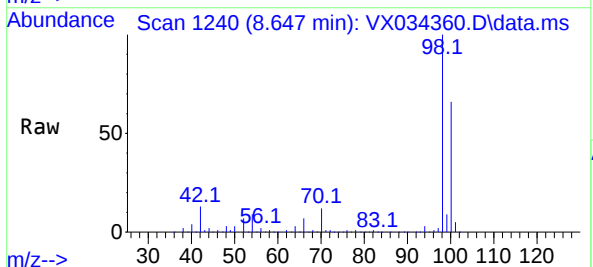


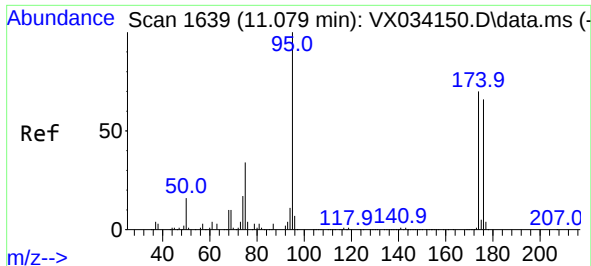
Tgt Ion:117 Resp: 25581
Ion Ratio Lower Upper
117 100
119 5.8 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.502 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

Tgt Ion: 98 Resp: 539057
Ion Ratio Lower Upper
98 100
100 66.4 53.6 80.4

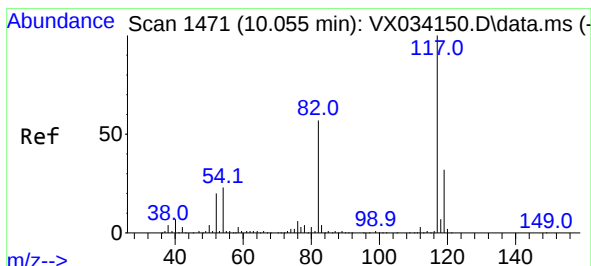
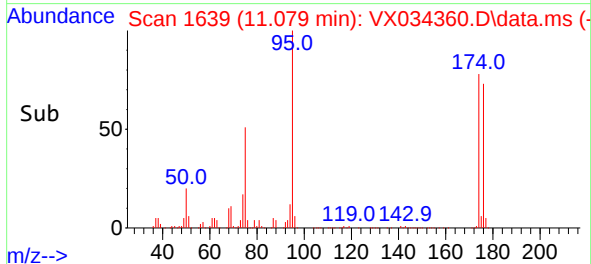
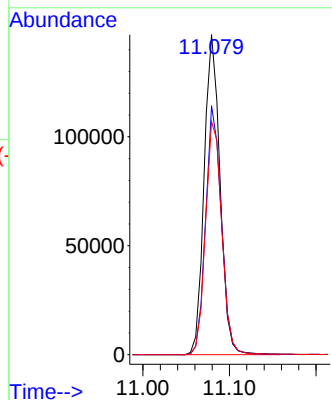
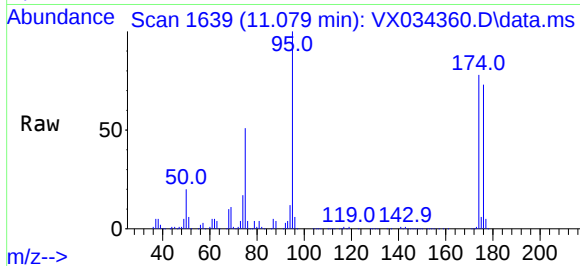




#62
4-Bromofluorobenzene
Concen: 46.714 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

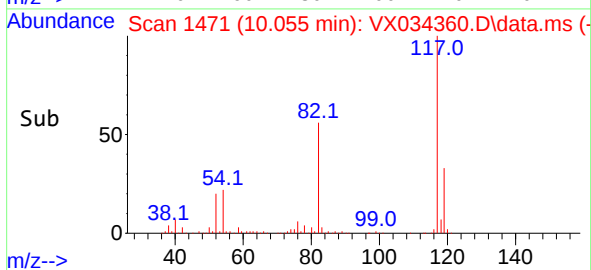
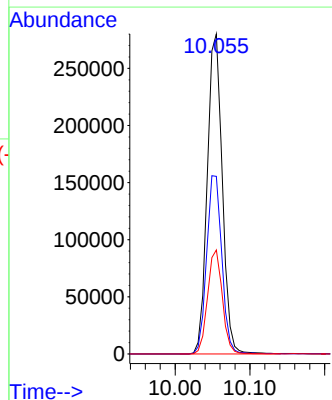
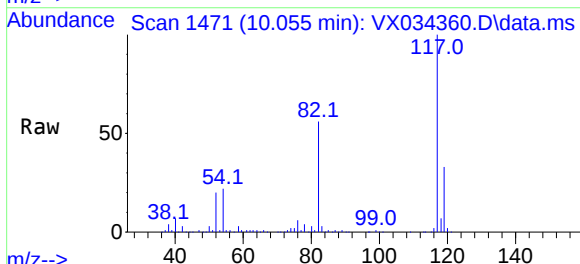
Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

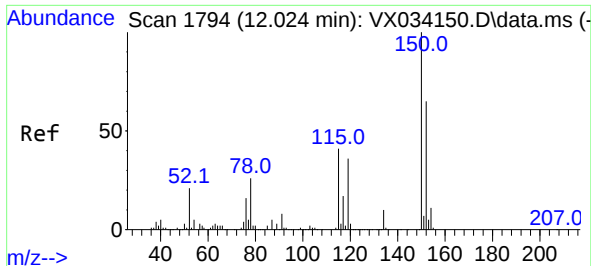
Tgt Ion: 95 Resp: 187026
Ion Ratio Lower Upper
95 100
174 77.4 0.0 184.4
176 75.0 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

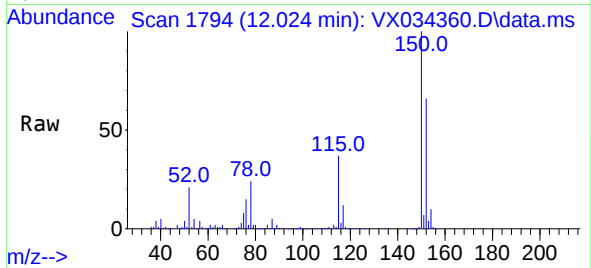
Tgt Ion: 117 Resp: 390975
Ion Ratio Lower Upper
117 100
82 55.5 40.6 60.8
119 32.5 25.6 38.4



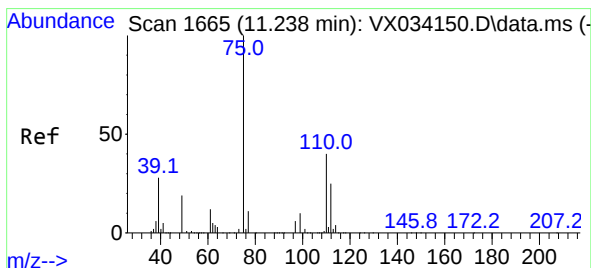
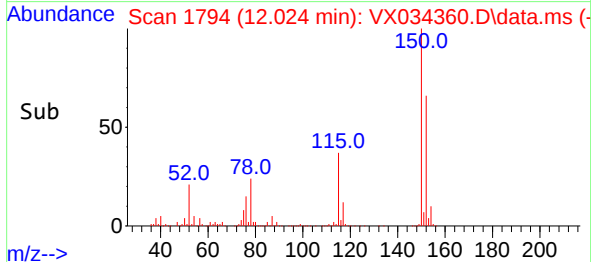
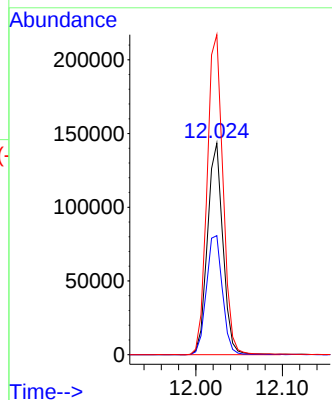


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

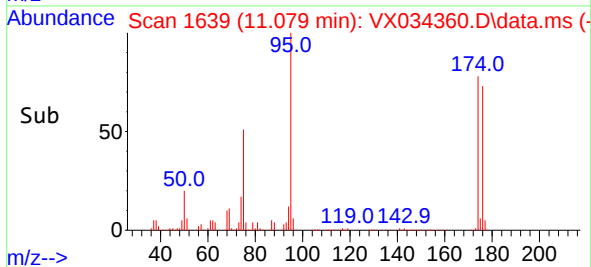
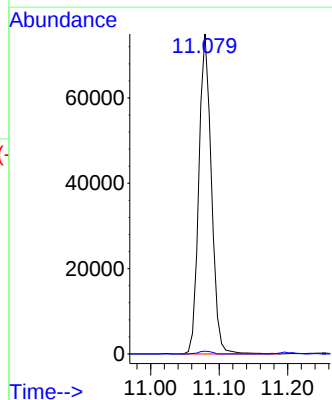
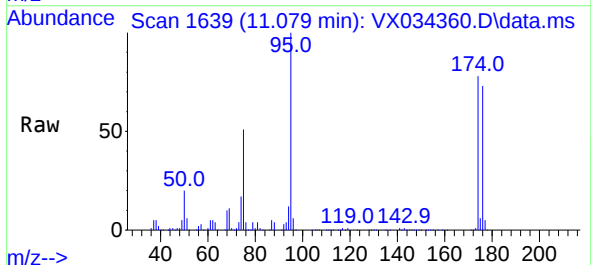


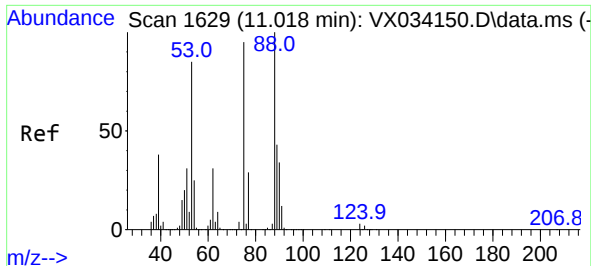
Tgt Ion:152 Resp: 177969
Ion Ratio Lower Upper
152 100
115 58.7 38.7 116.1
150 155.9 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 21.380 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

Tgt Ion: 75 Resp: 95742
Ion Ratio Lower Upper
75 100
77 0.9 21.8 65.4#

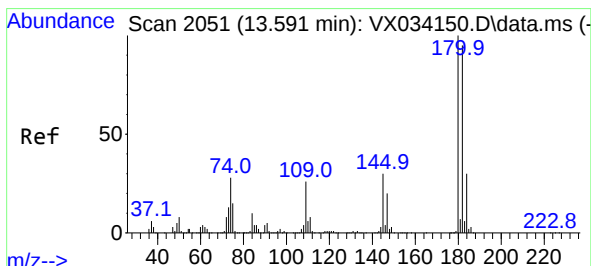
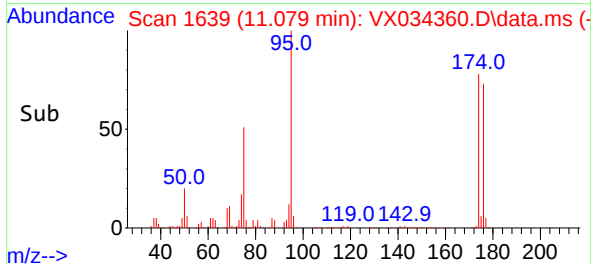
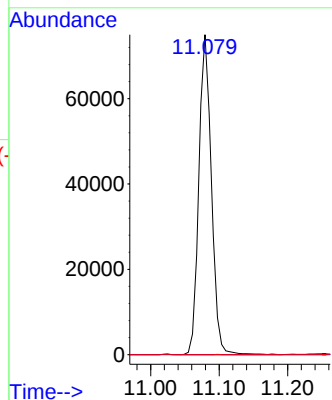
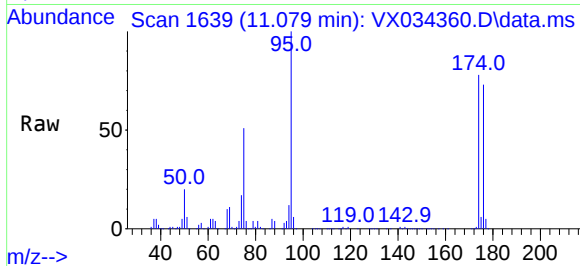




#81
trans-1,4-Dichloro-2-butene
Concen: 54.922 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

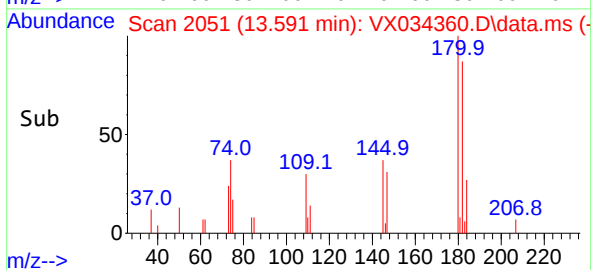
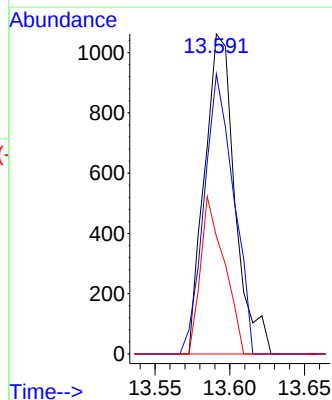
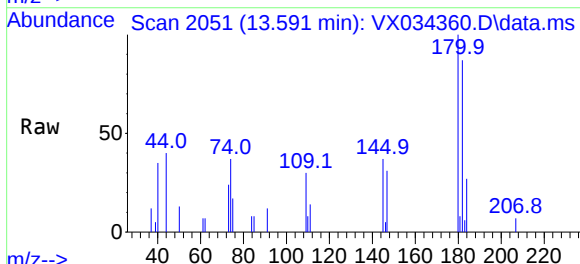
Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

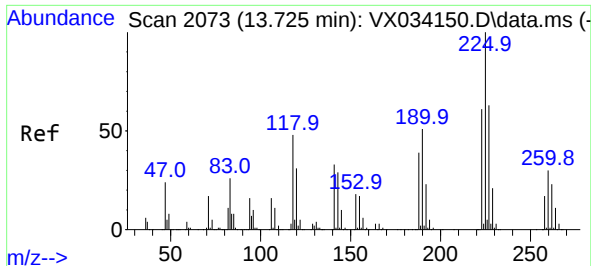
Tgt Ion: 75 Resp: 95742
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.391 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

Tgt Ion: 180 Resp: 1502
Ion Ratio Lower Upper
180 100
182 85.2 47.9 143.6
145 38.4 14.1 42.2

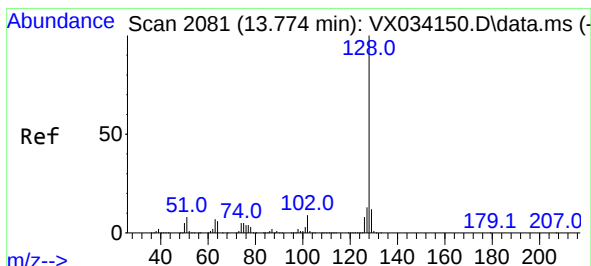
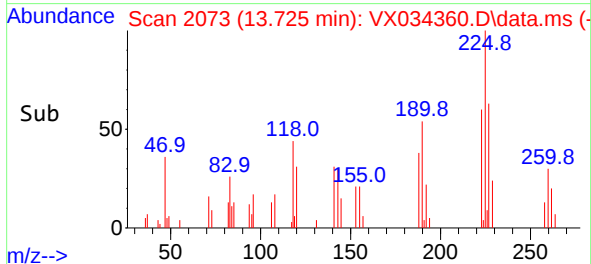
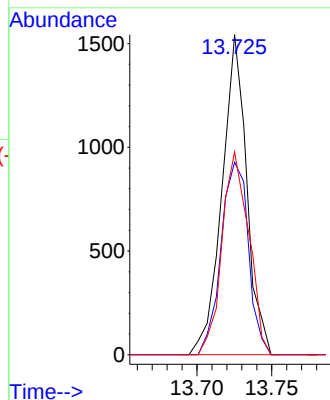
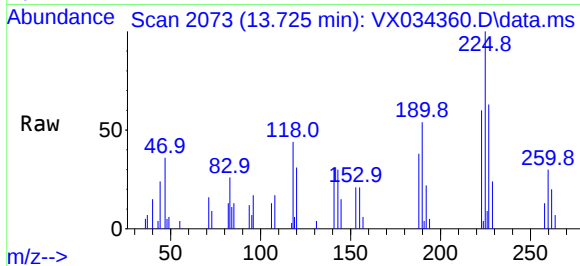




#94
Hexachlorobutadiene
Concen: 1.113 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

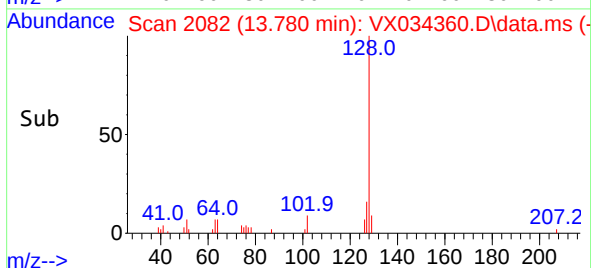
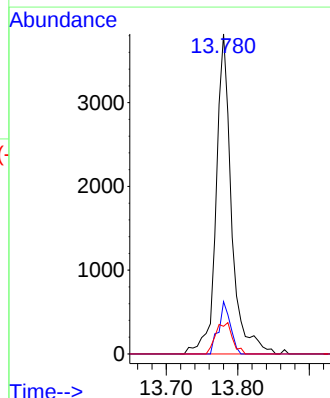
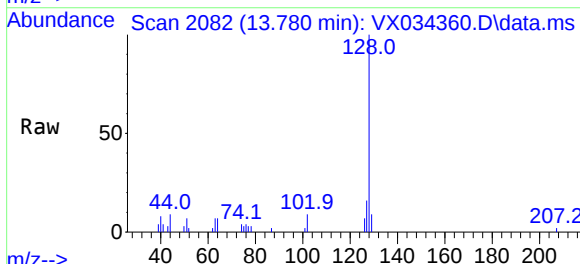
Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

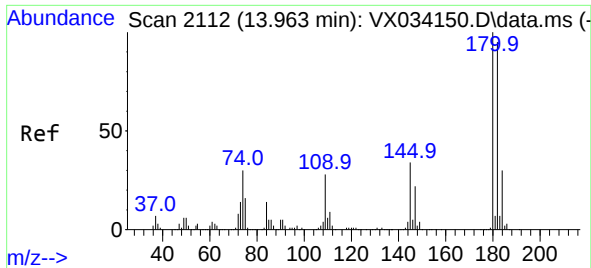
Tgt Ion:	225	Resp:	1774
Ion	Ratio	Lower	Upper
225	100		
223	66.5	31.3	93.9
227	68.6	32.3	96.9



#95
Naphthalene
Concen: 0.439 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034360.D
Acq: 07 Mar 2023 10:12

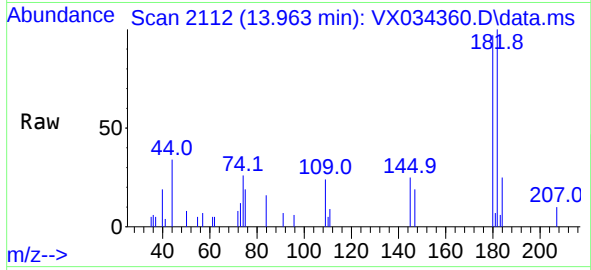
Tgt Ion:	128	Resp:	5686
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	10.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.448 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX034360.D
 Acq: 07 Mar 2023 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307MBL01



Tgt Ion:180 Resp: 1711

Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.6	142.9
145	32.3	15.1	45.3

