

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039460.D
 Acq On : 26 Dec 2023 12:26
 Operator : JC/MD
 Sample : VX1226MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 26 15:51:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

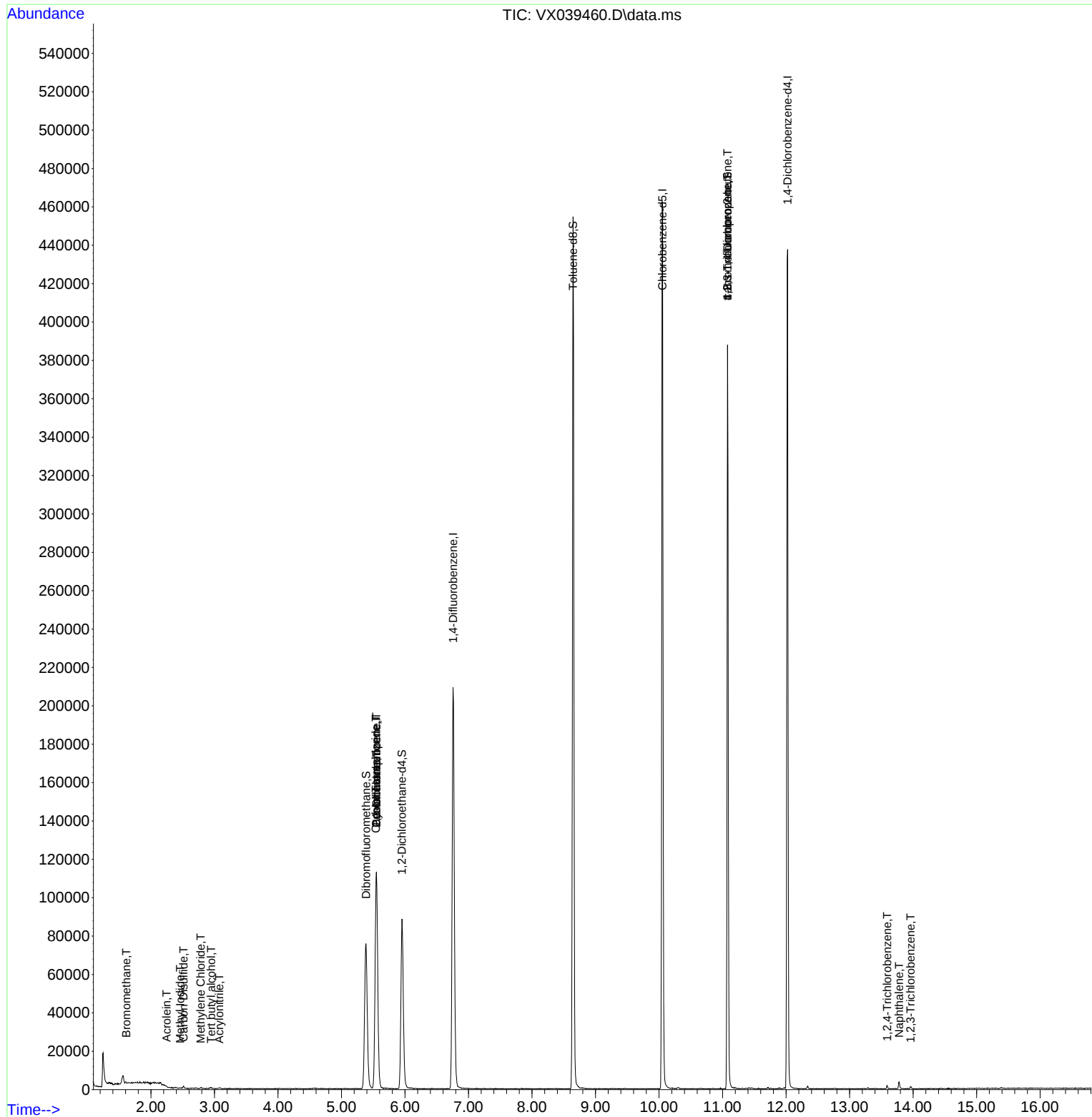
Internal Standards						
1) Pentafluorobenzene	5.550	168	98135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84243	46.860	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.720%
35) Dibromofluoromethane	5.385	113	66243	47.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.560%
50) Toluene-d8	8.647	98	262364	50.439	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.880%
62) 4-Bromofluorobenzene	11.079	95	104271	48.585	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.160%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	164	0.200	ug/l	98
10) Methyl Iodide	2.459	142	305	0.232	ug/l #	69
11) Tert butyl alcohol	2.946	59	397	0.879	ug/l #	78
13) Acrolein	2.245	56	220	0.611	ug/l	84
15) Acrylonitrile	3.075	53	334	0.370	ug/l #	74
16) Acetone	2.380	43	386	Below Cal	#	86
17) Carbon Disulfide	2.514	76	1135	0.307	ug/l	99
20) Methylene Chloride	2.782	84	300	0.200	ug/l #	48
31) Cyclohexane	5.550	56	2879	1.240	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9299	4.206	ug/l #	51
38) Carbon Tetrachloride	5.544	117	10902	5.167	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	56366	25.414	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	56366	71.693	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	506	0.281	ug/l	91
95) Naphthalene	13.780	128	2868	0.457	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	384	0.221	ug/l	84

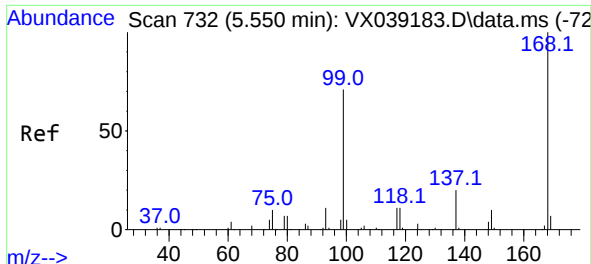
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
Data File : VX039460.D
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Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

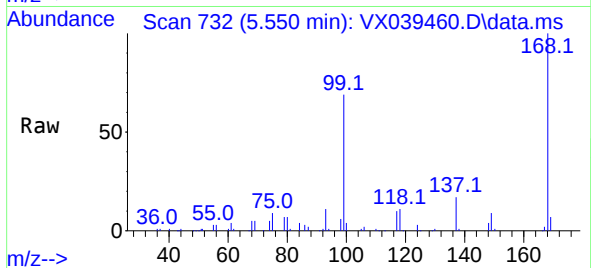
Quant Time: Dec 26 15:51:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



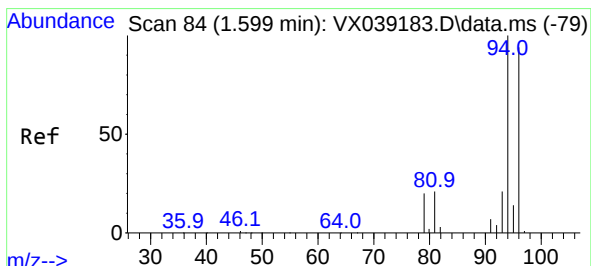
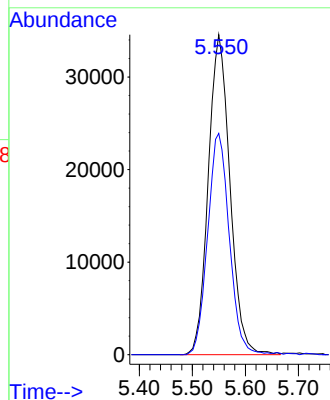


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

Instrument :
MSVOA_X
ClientSampleId :

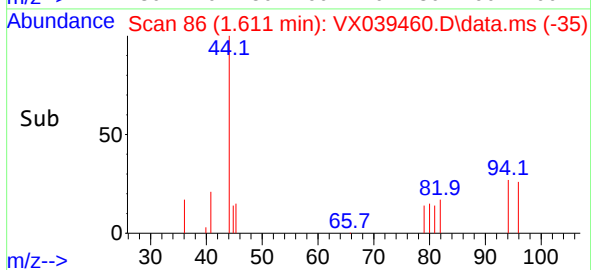
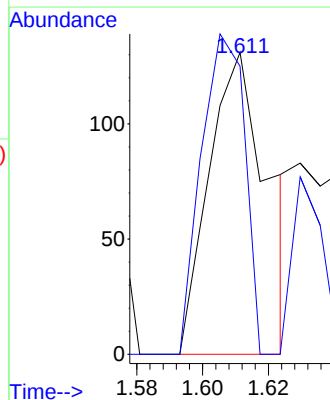
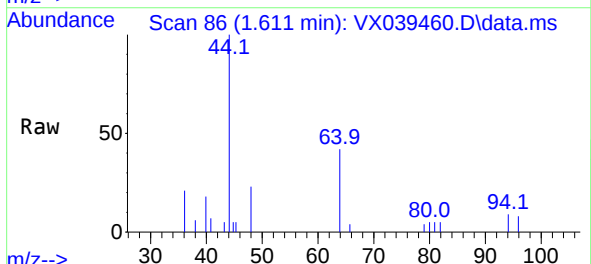


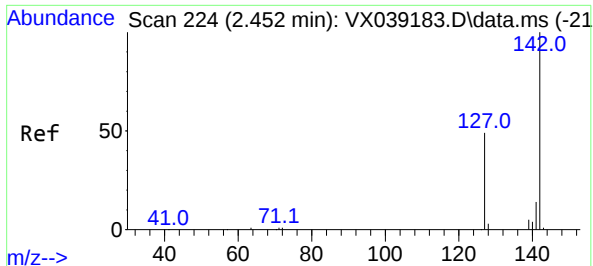
Tgt Ion:168 Resp: 98135
Ion Ratio Lower Upper
168 100
99 69.1 56.6 85.0



#5
Bromomethane
Concen: 0.200 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

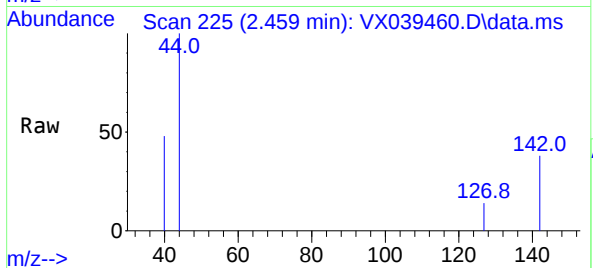
Tgt Ion: 94 Resp: 164
Ion Ratio Lower Upper
94 100
96 95.4 74.6 111.8



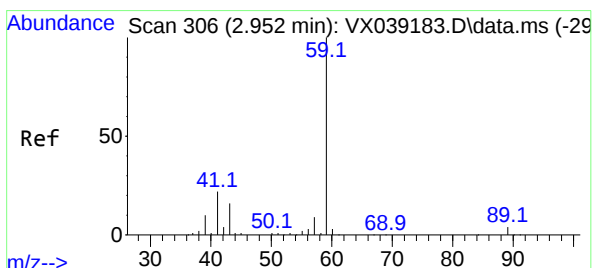
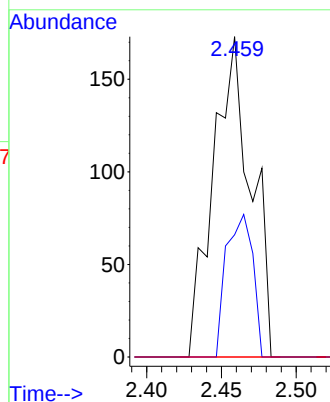
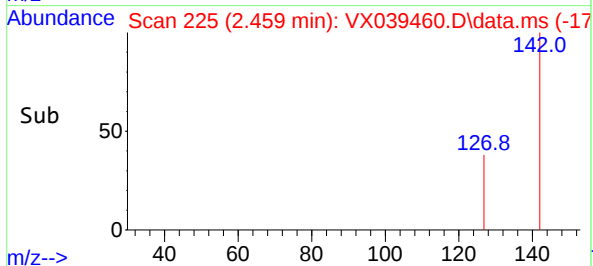


#10
Methyl Iodide
Concen: 0.232 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

Instrument :
MSVOA_X
ClientSampleId :

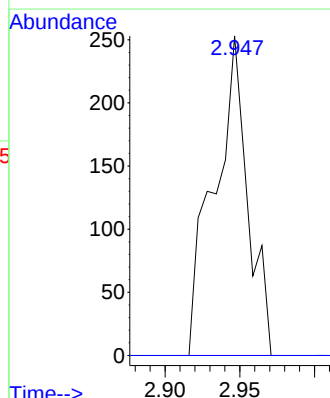
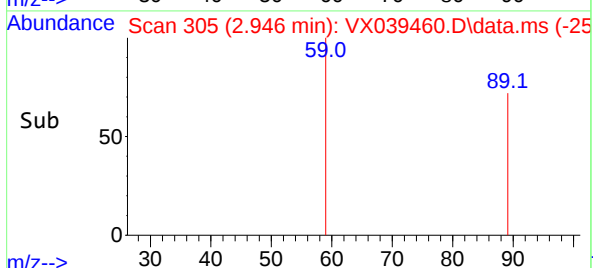
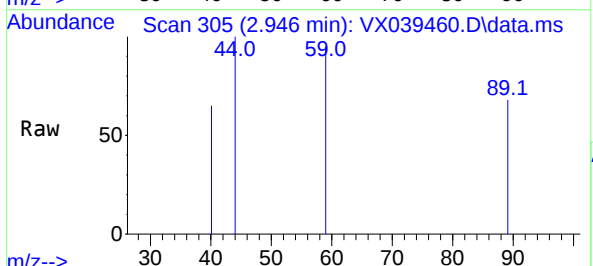


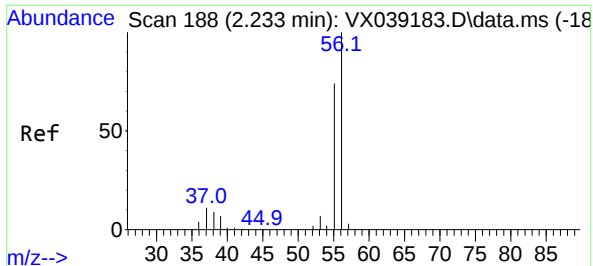
Tgt Ion:142 Resp: 305
Ion Ratio Lower Upper
142 100
127 31.1 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.879 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 59 Resp: 397
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

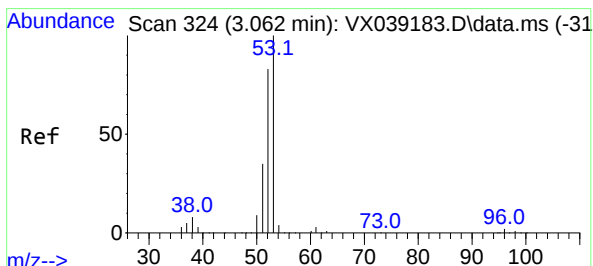
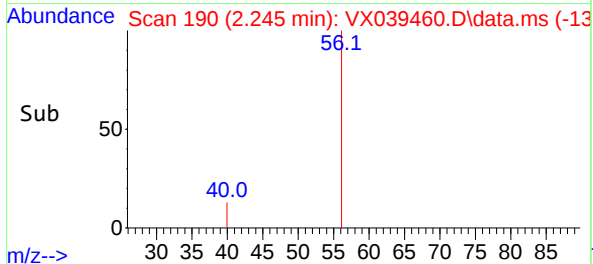
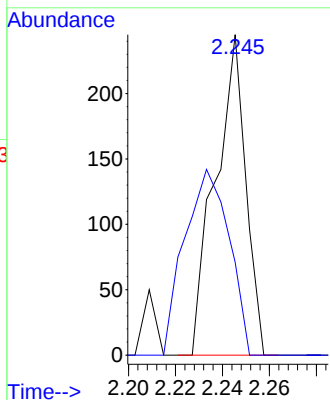
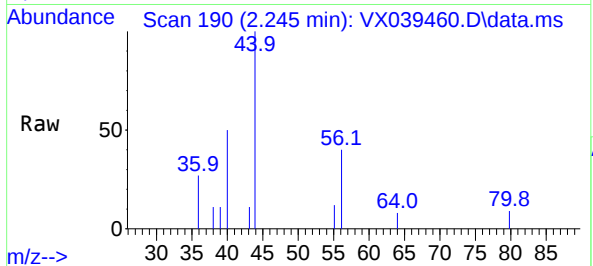




#13
Acrolein
Concen: 0.611 ug/l
RT: 2.245 min Scan# 19
Delta R.T. 0.012 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

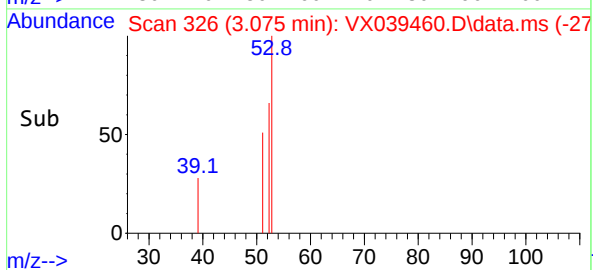
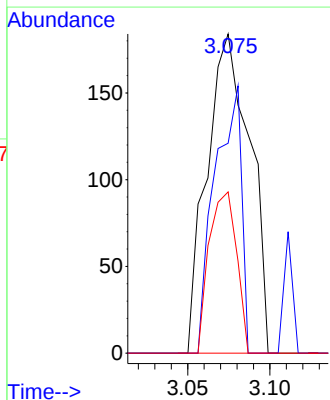
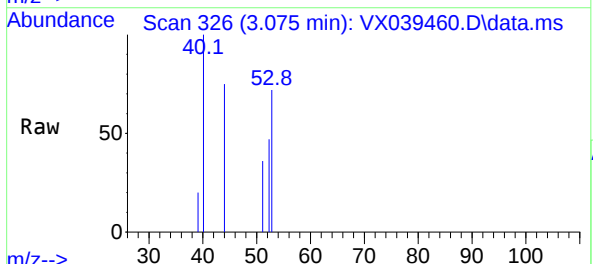
Instrument :
MSVOA_X
ClientSampleId :

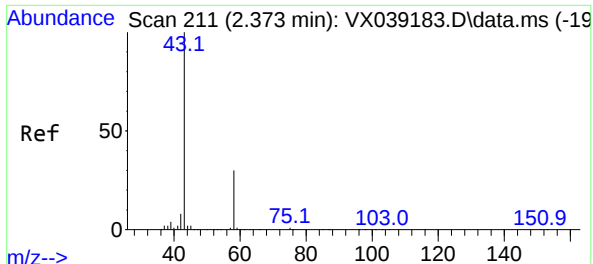
Tgt Ion: 56 Resp: 220
Ion Ratio Lower Upper
56 100
55 85.0 57.1 85.7



#15
Acrylonitrile
Concen: 0.370 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.012 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 53 Resp: 334
Ion Ratio Lower Upper
53 100
52 51.8 66.0 99.0#
51 32.3 29.8 44.6

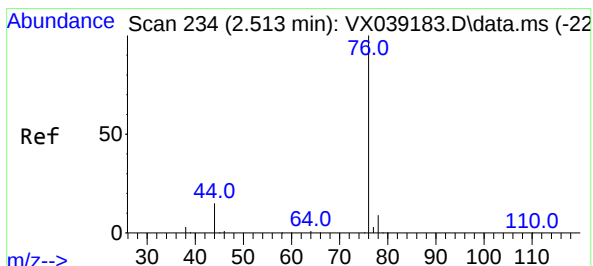
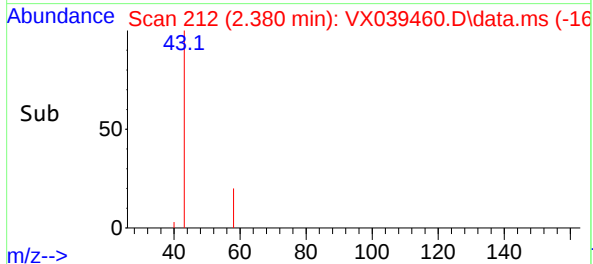
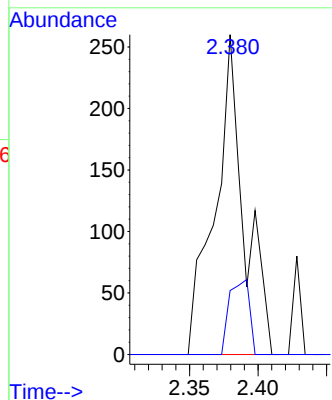
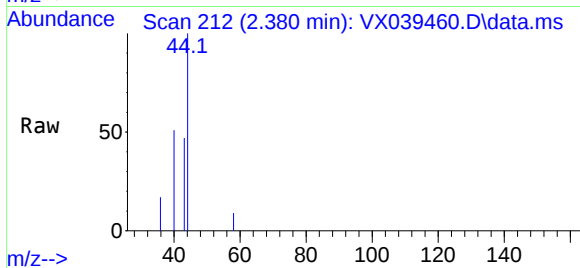




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

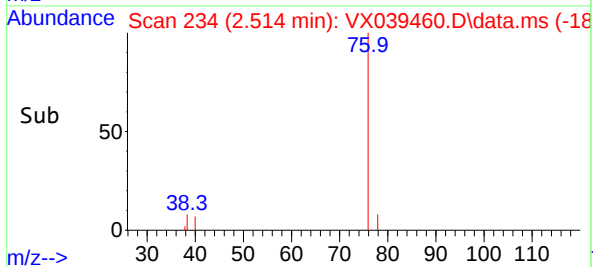
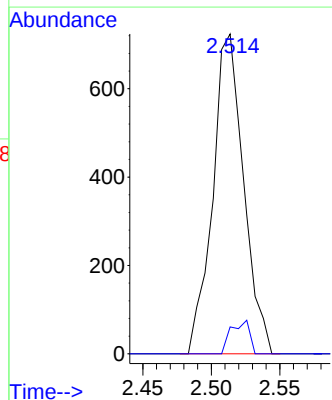
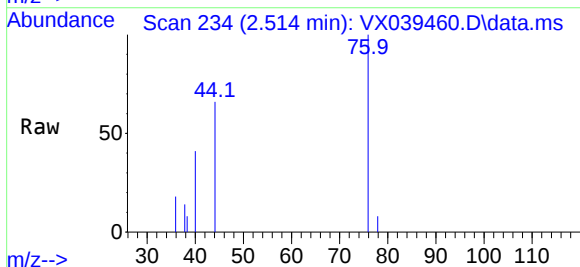
Instrument :
MSVOA_X
ClientSampleId :

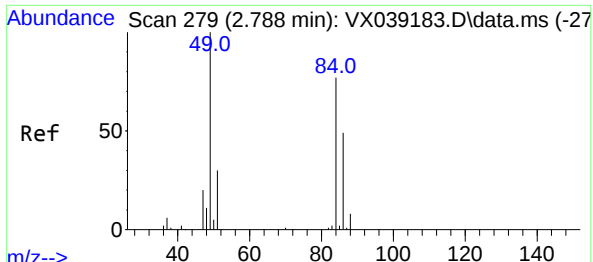
Tgt Ion: 43 Resp: 386
Ion Ratio Lower Upper
43 100
58 20.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.307 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 76 Resp: 1135
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6



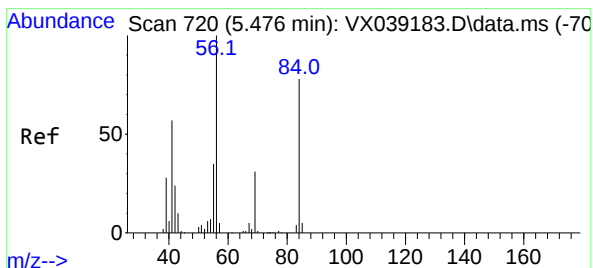
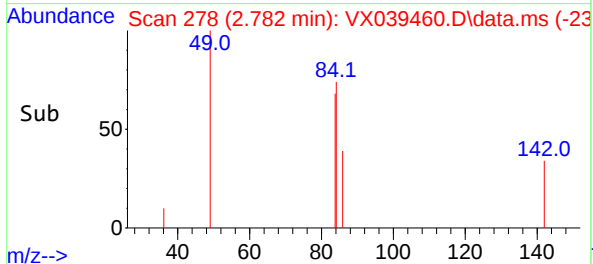
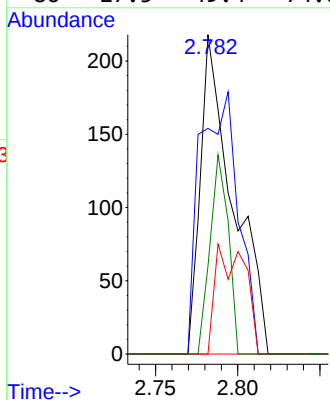
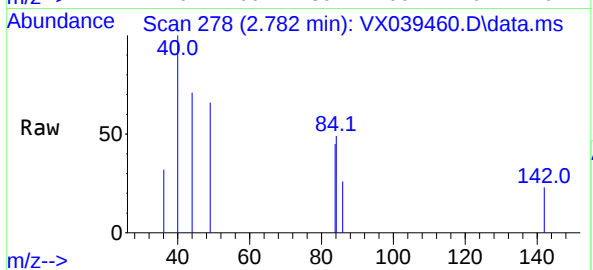


#20
Methylene Chloride
Concen: 0.200 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 300

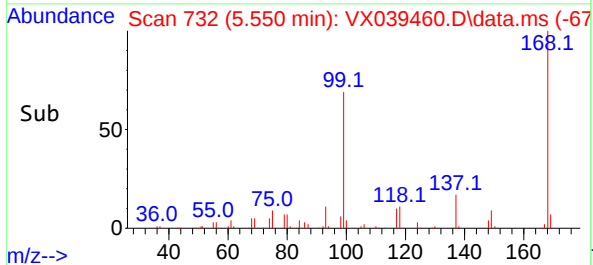
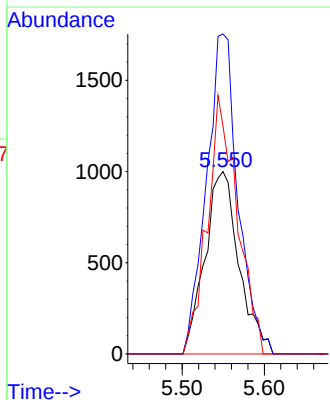
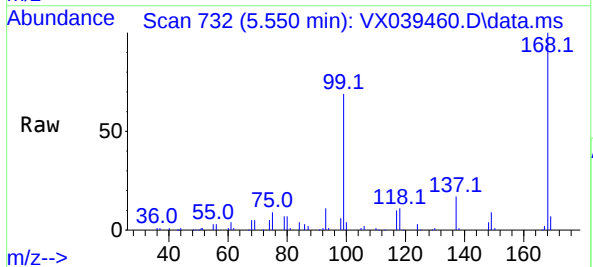
Ion	Ratio	Lower	Upper
84	100		
49	70.6	103.6	155.4#
51	0.0	33.8	50.6#
86	27.5	49.4	74.0#

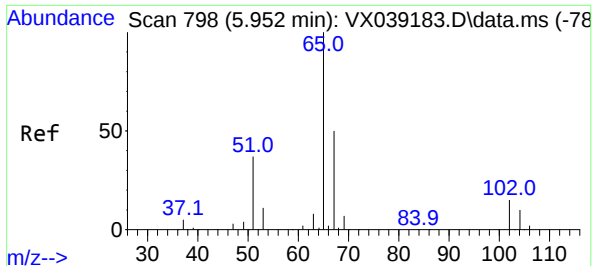


#31
Cyclohexane
Concen: 1.240 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 56 Resp: 2879

Ion	Ratio	Lower	Upper
56	100		
69	175.4	23.4	35.2#
84	124.9	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.860 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039460.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_X

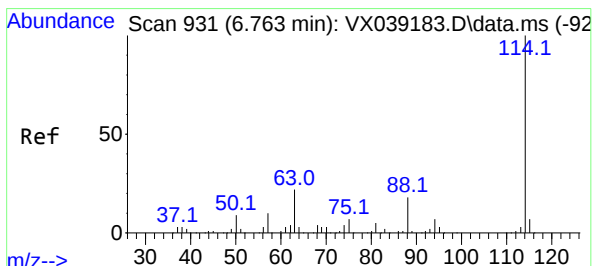
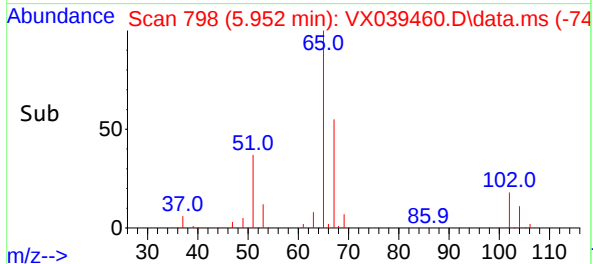
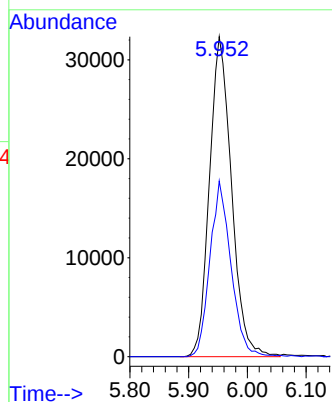
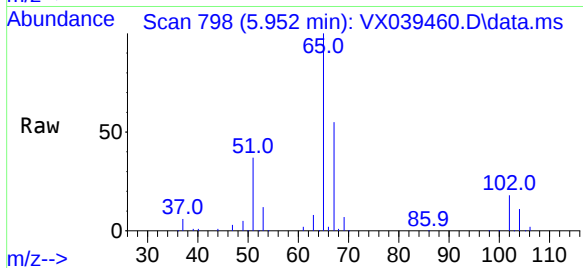
ClientSampleId :

Tgt Ion: 65 Resp: 84243

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039460.D

Acq: 26 Dec 2023 12:26

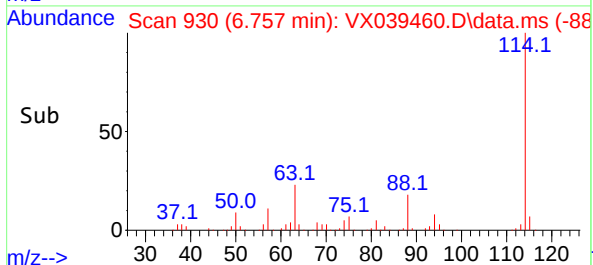
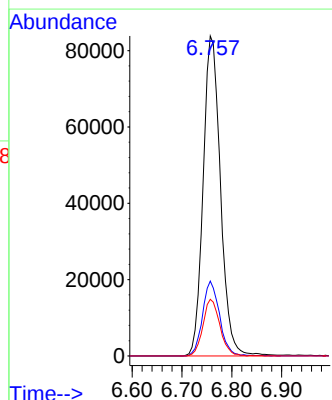
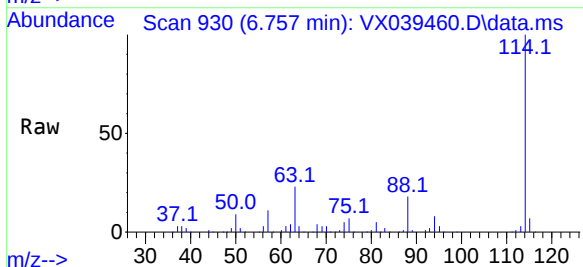
Tgt Ion: 114 Resp: 202809

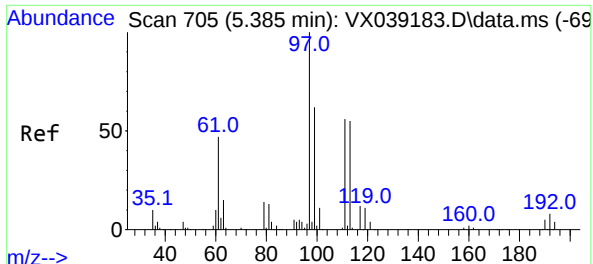
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

88 17.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.279 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

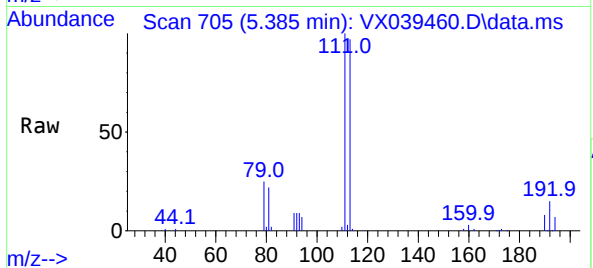
Lab File: VX039460.D

Acq: 26 Dec 2023 12:26

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MSVOA_X

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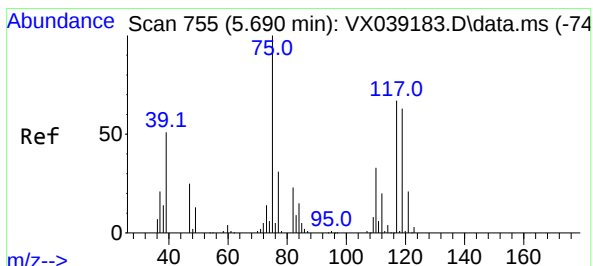
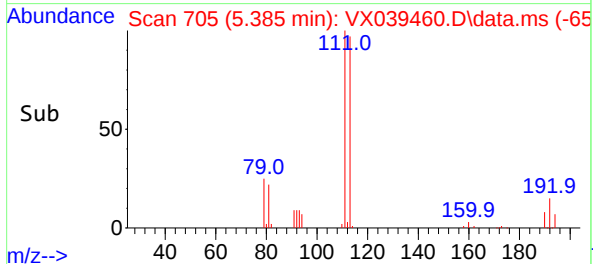
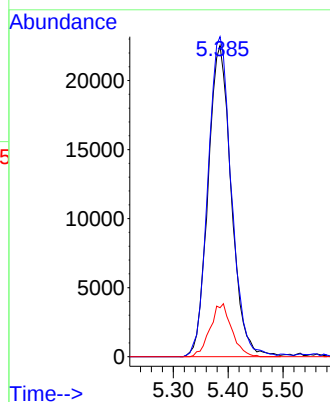
Tgt Ion:113 Resp: 66243

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

192 15.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.206 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX039460.D

Acq: 26 Dec 2023 12:26

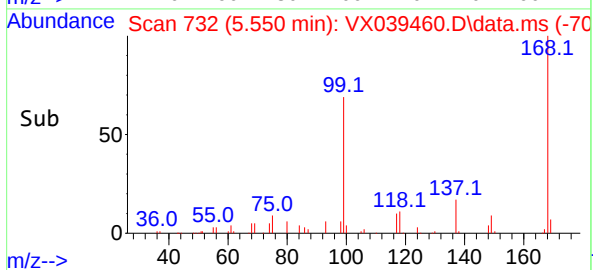
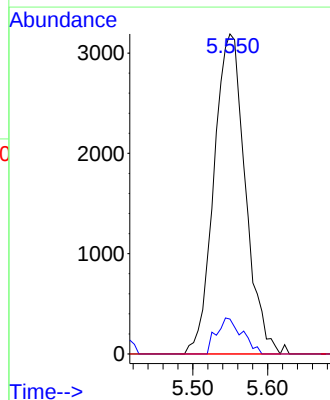
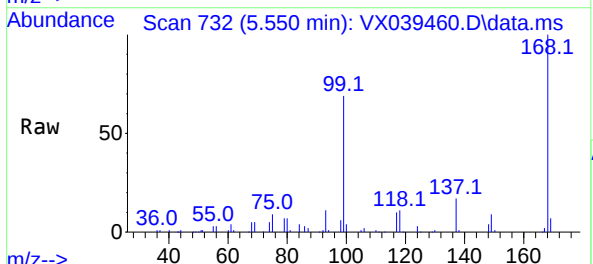
Tgt Ion: 75 Resp: 9299

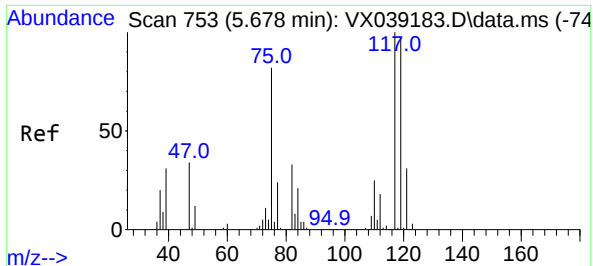
Ion Ratio Lower Upper

75 100

110 9.2 17.0 50.9#

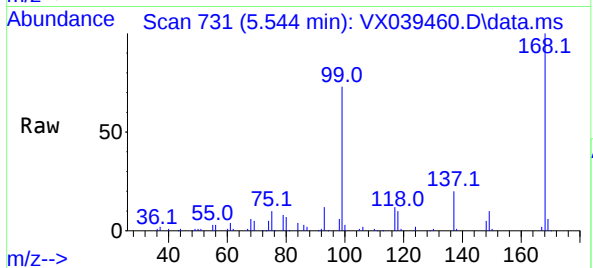
77 0.0 24.7 37.1#



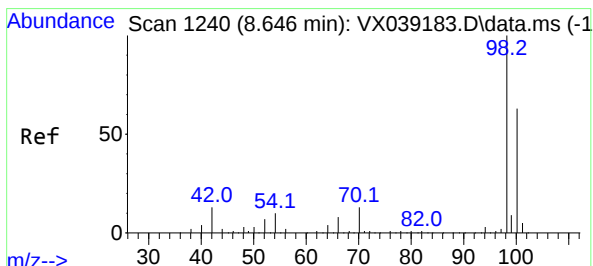
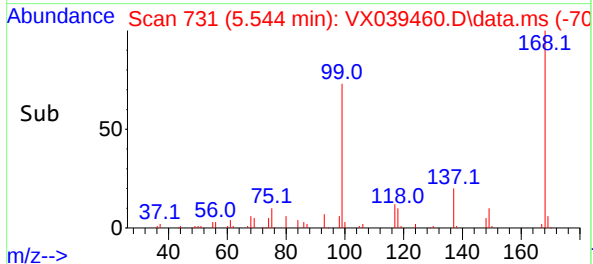
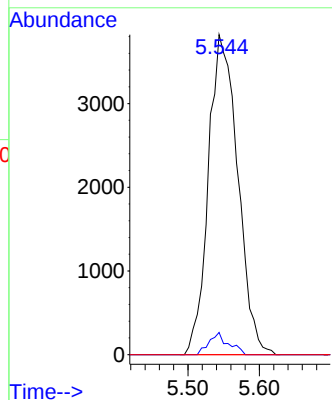


#38
Carbon Tetrachloride
Concen: 5.167 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

Instrument :
MSVOA_X
ClientSampleId :

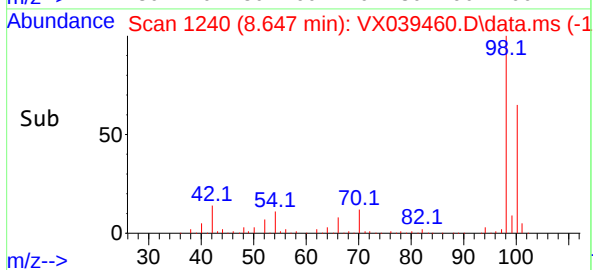
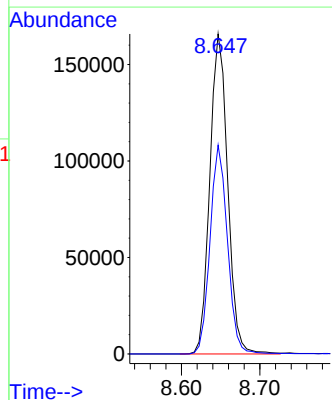
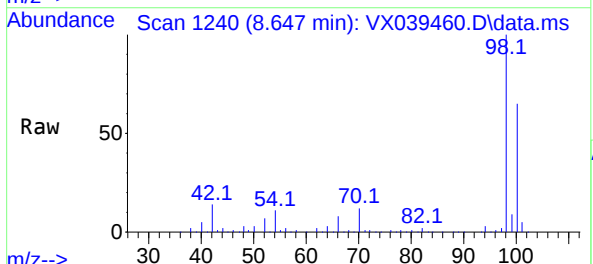


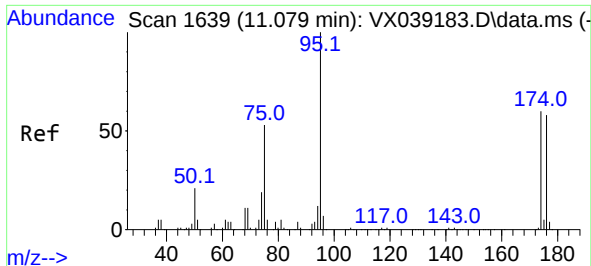
Tgt Ion:117 Resp: 10902
Ion Ratio Lower Upper
117 100
119 7.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.439 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 98 Resp: 262364
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

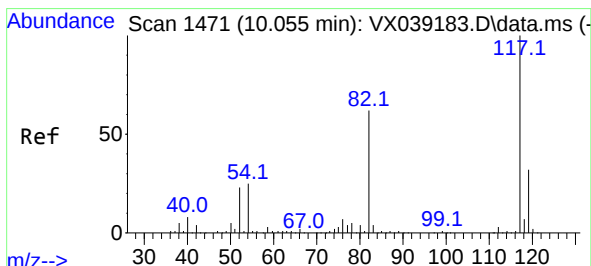
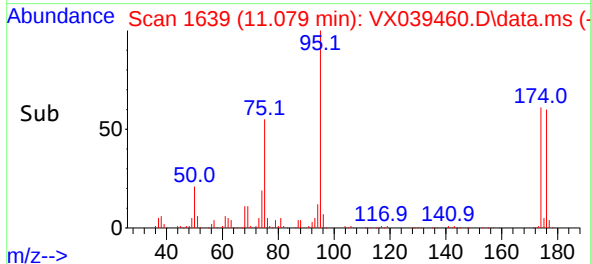
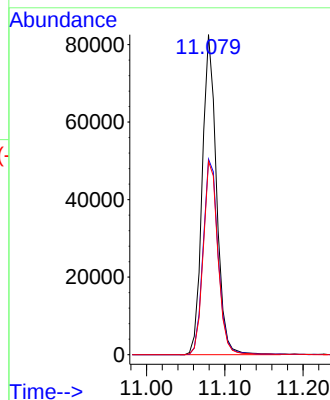
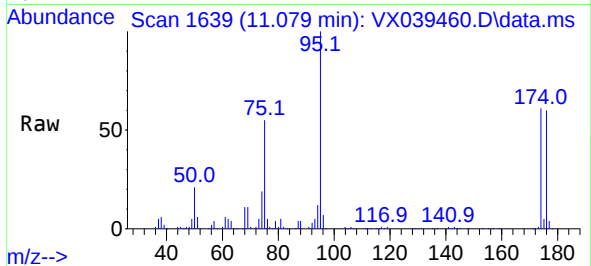




#62
4-Bromofluorobenzene
Concen: 48.585 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

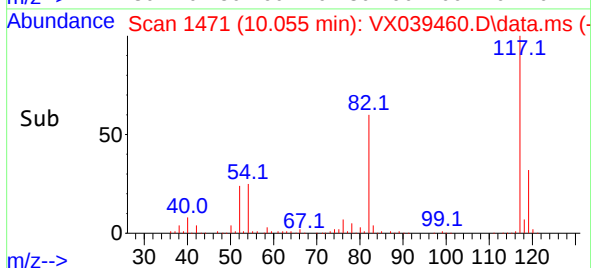
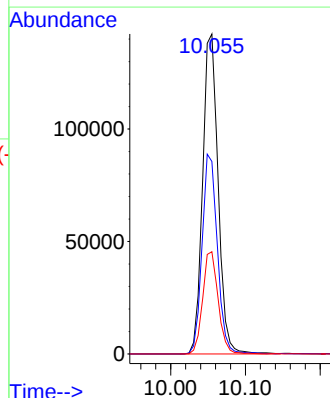
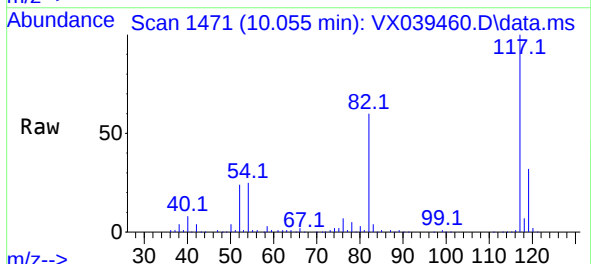
Instrument :
MSVOA_X
ClientSampleId :

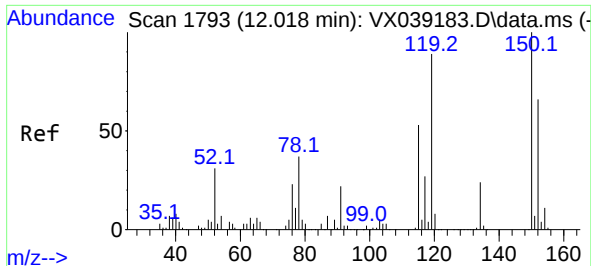
Tgt Ion: 95 Resp: 104271
Ion Ratio Lower Upper
95 100
174 64.4 0.0 135.6
176 62.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

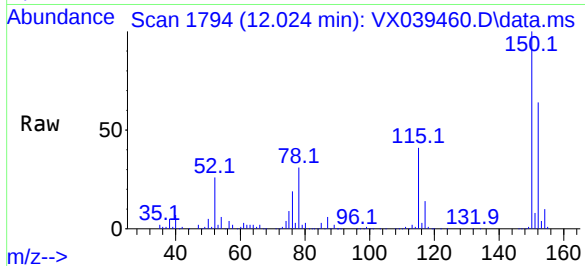
Tgt Ion: 117 Resp: 204744
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 31.9 25.5 38.3



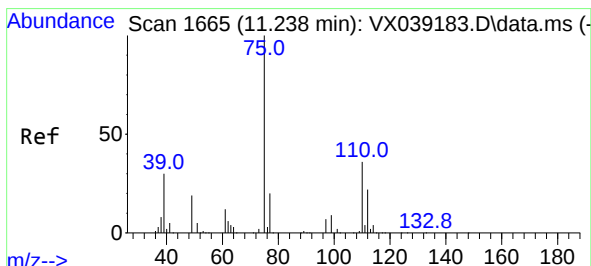
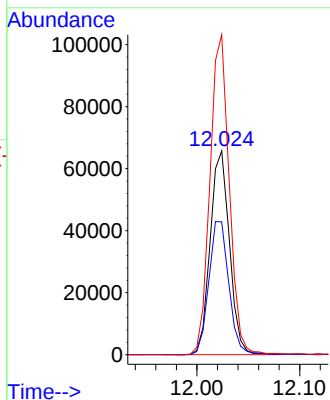
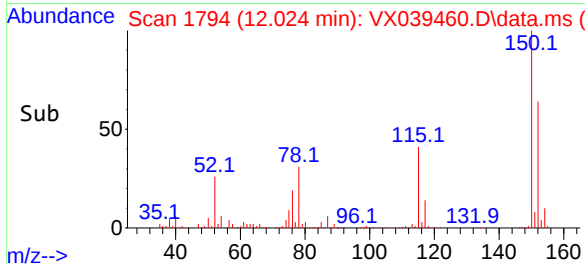


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

Instrument :
MSVOA_X
ClientSampleId :

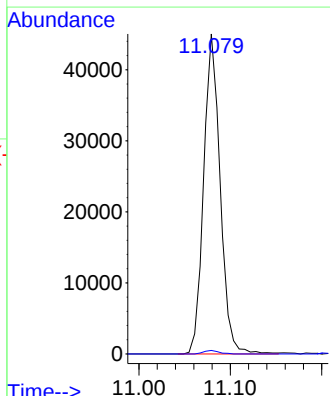
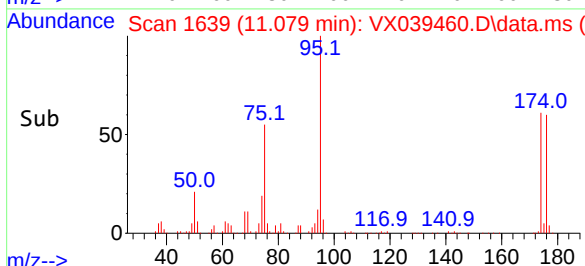
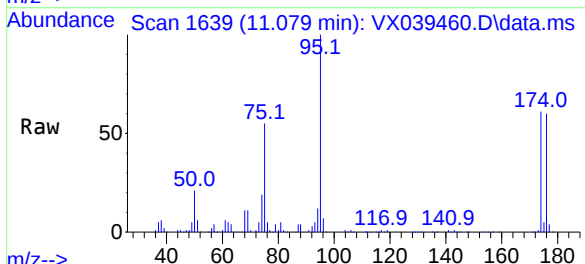


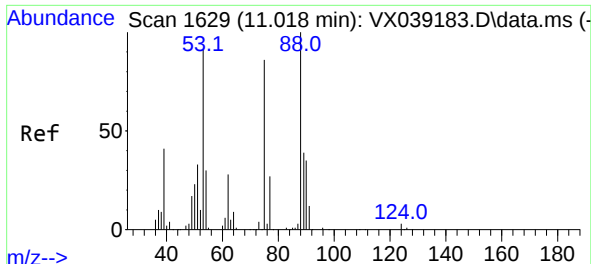
Tgt Ion:152 Resp: 85727
Ion Ratio Lower Upper
152 100
115 67.8 43.3 129.9
150 157.0 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.414 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 75 Resp: 56366
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

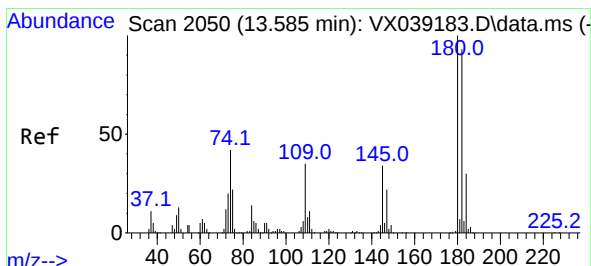
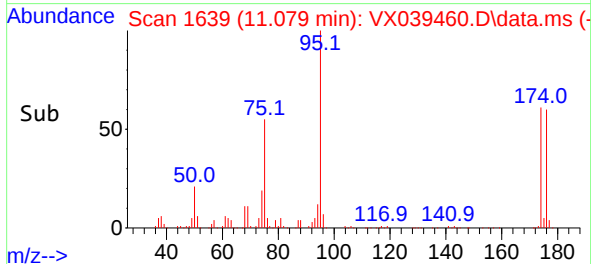
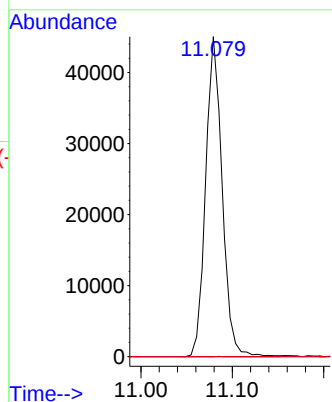
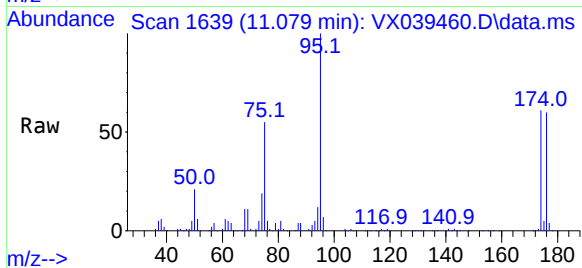




#81
trans-1,4-Dichloro-2-butene
Concen: 71.693 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

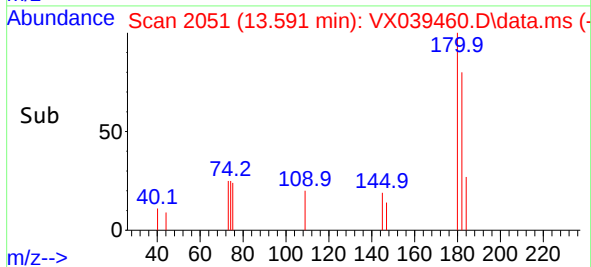
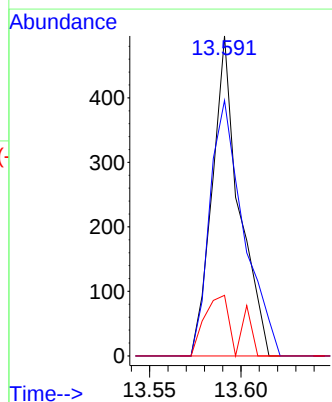
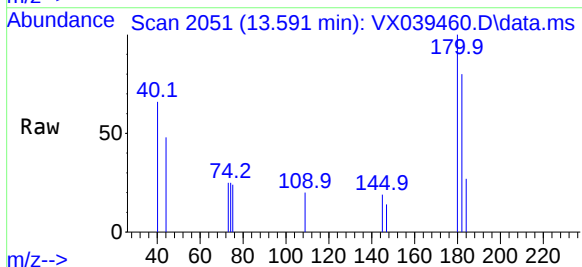
Instrument :
MSVOA_X
ClientSampleId :

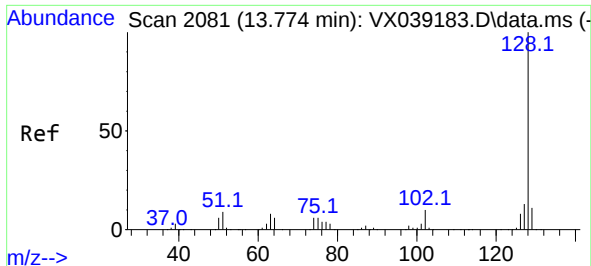
Tgt Ion: 75 Resp: 56366
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.281 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

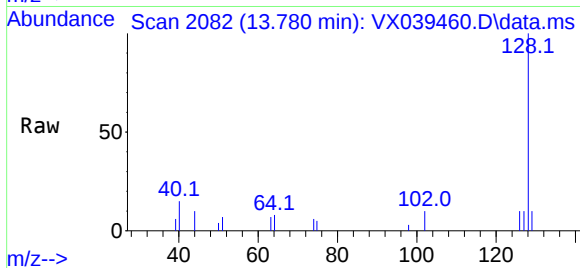
Tgt Ion:180 Resp: 506
Ion Ratio Lower Upper
180 100
182 100.6 48.3 144.8
145 22.5 18.0 54.0



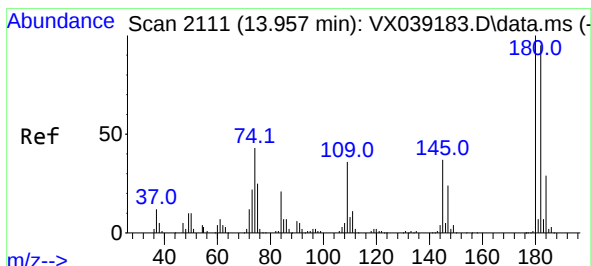
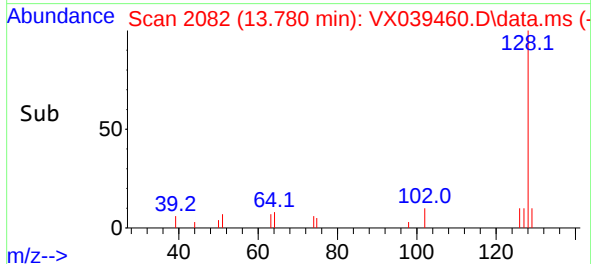
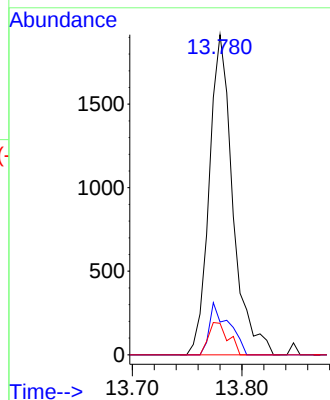


#95
Naphthalene
Concen: 0.457 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 2868
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 8.4 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.221 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039460.D
Acq: 26 Dec 2023 12:26

Tgt Ion:180 Resp: 384
Ion Ratio Lower Upper
180 100
182 106.8 46.9 140.6
145 49.7 17.8 53.5

