

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037007.D
 Acq On : 16 Aug 2023 10:55
 Operator : JC/MD
 Sample : VX0816WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBL01

Quant Time: Aug 17 04:11:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

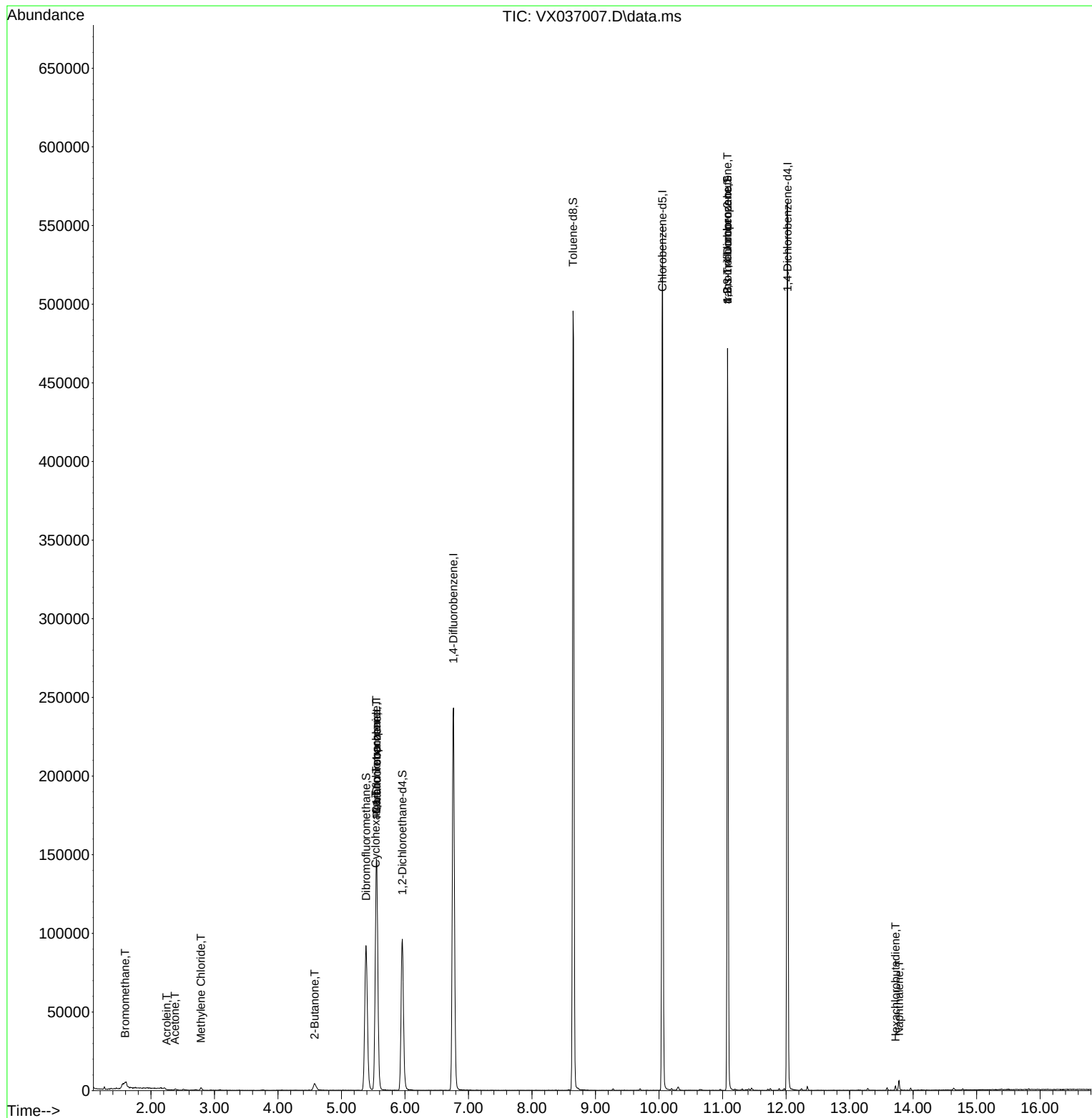
Internal Standards						
1) Pentafluorobenzene	5.556	168	137958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	252752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96946	47.492	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.980%
35) Dibromofluoromethane	5.385	113	81231	46.758	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.520%
50) Toluene-d8	8.647	98	303061	49.192	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.079	95	126108	54.255	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.520%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	230	0.228	ug/l #	39
13) Acrolein	2.245	56	137	0.497	ug/l	93
16) Acetone	2.380	43	883	1.042	ug/l	94
20) Methylene Chloride	2.788	84	842	0.447	ug/l #	81
25) 2-Butanone	4.574	43	326	0.237	ug/l #	51
31) Cyclohexane	5.537	56	2892	1.023	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11242	4.342	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15025	5.458	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	65492	23.642	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	65492	53.587	ug/l #	5
94) Hexachlorobutadiene	13.725	225	539	0.533	ug/l	92
95) Naphthalene	13.780	128	4589	0.539	ug/l	99

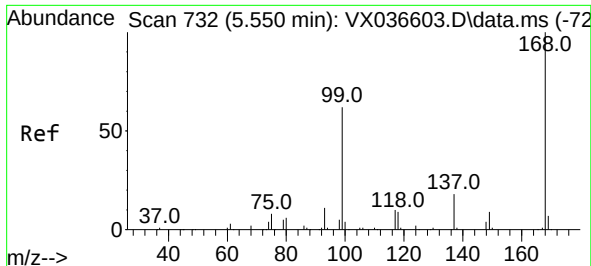
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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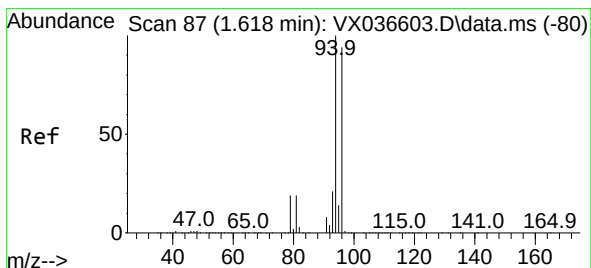
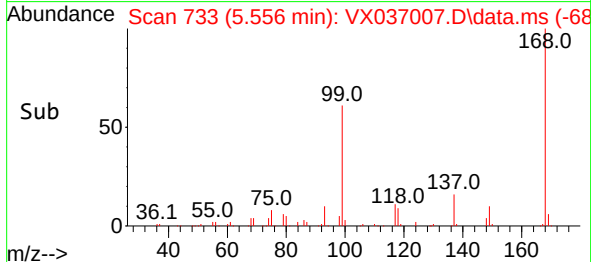
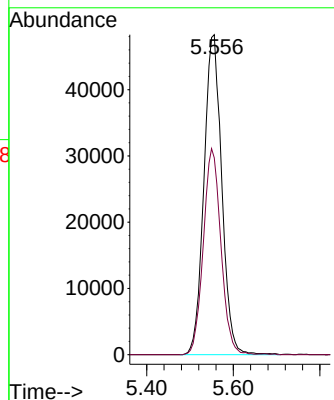
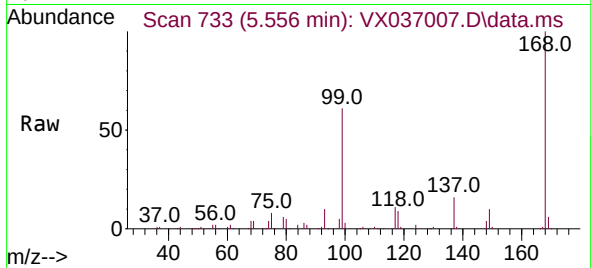




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

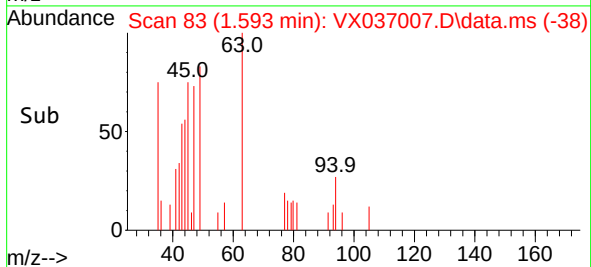
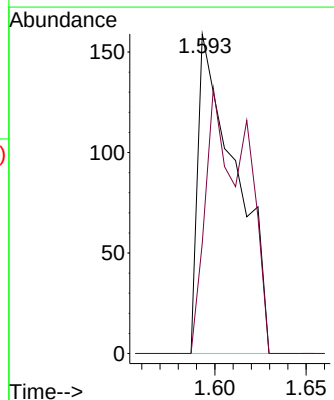
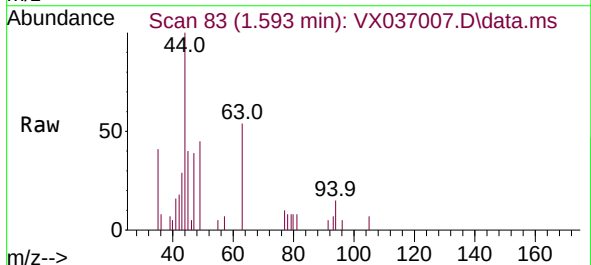
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBL01

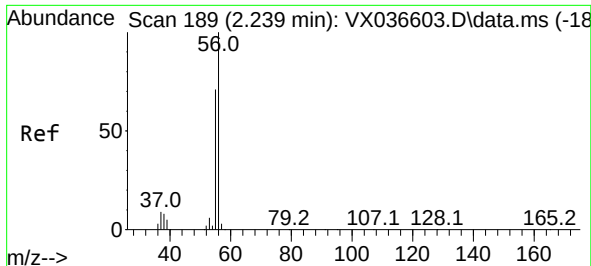
Tgt Ion:168 Resp: 137958
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#5
Bromomethane
Concen: 0.228 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.024 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

Tgt Ion: 94 Resp: 230
Ion Ratio Lower Upper
94 100
96 34.6 74.6 111.8#





#13

Acrolein

Concen: 0.497 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX037007.D

Acq: 16 Aug 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

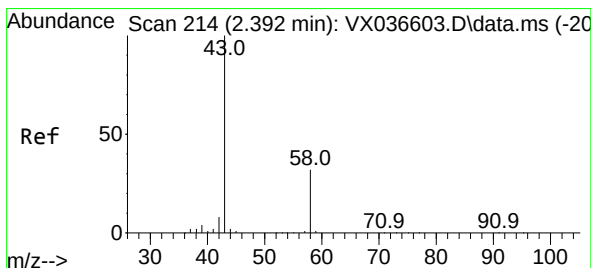
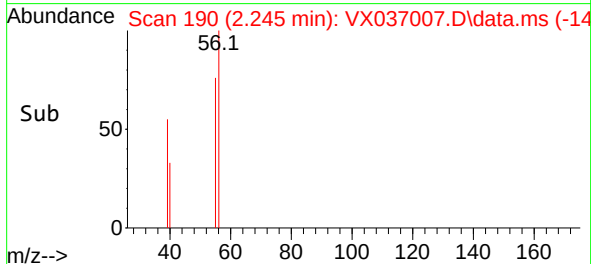
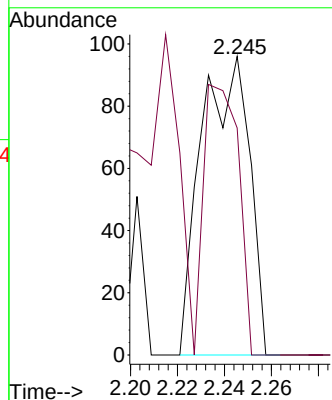
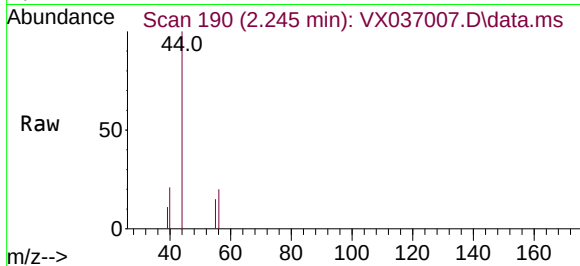
VX0816WBL01

Tgt Ion: 56 Resp: 137

Ion Ratio Lower Upper

56 100

55 65.7 57.1 85.7



#16

Acetone

Concen: 1.042 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX037007.D

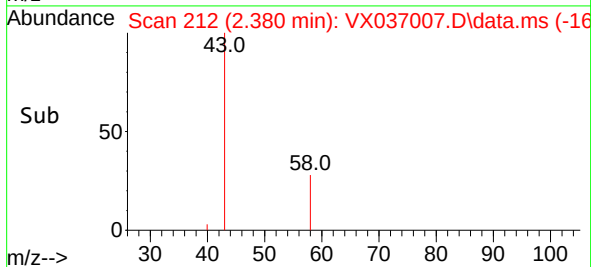
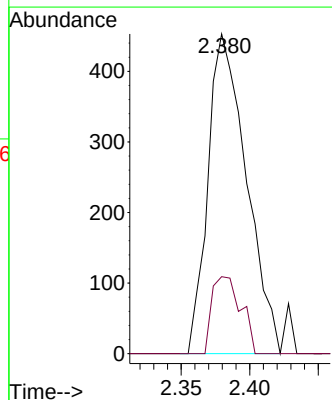
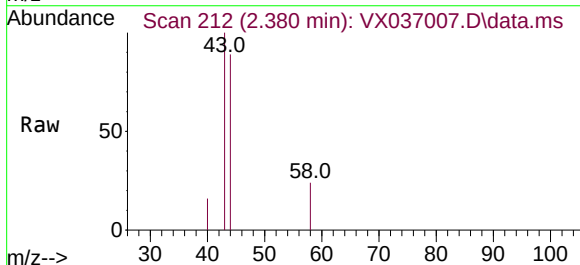
Acq: 16 Aug 2023 10:55

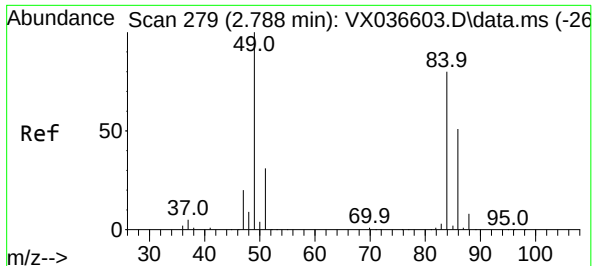
Tgt Ion: 43 Resp: 883

Ion Ratio Lower Upper

43 100

58 24.1 21.9 32.9





#20

Methylene Chloride

Concen: 0.447 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037007.D

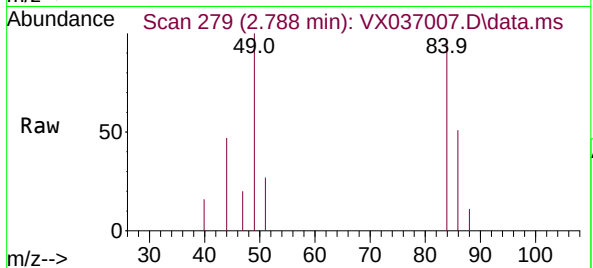
Acq: 16 Aug 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBL01



Tgt Ion: 84 Resp: 842

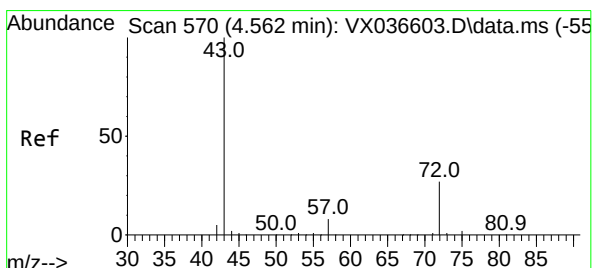
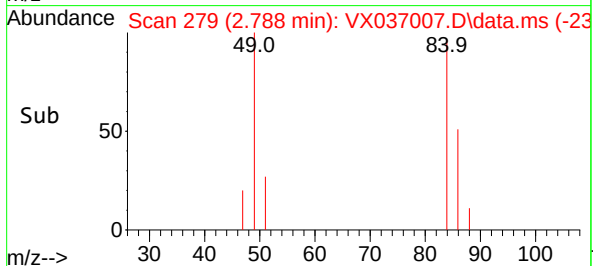
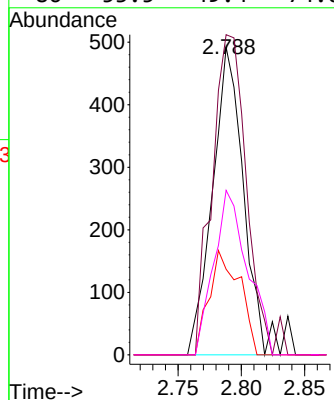
Ion Ratio Lower Upper

84 100

49 104.1 103.6 155.4

51 27.8 33.8 50.6#

86 53.5 49.4 74.0



#25

2-Butanone

Concen: 0.237 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX037007.D

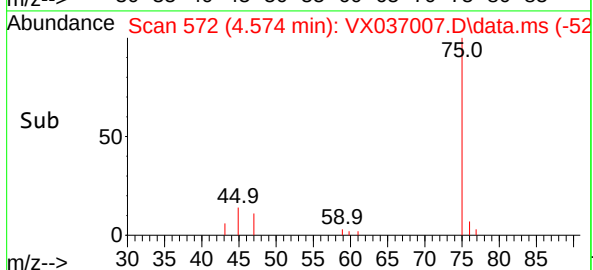
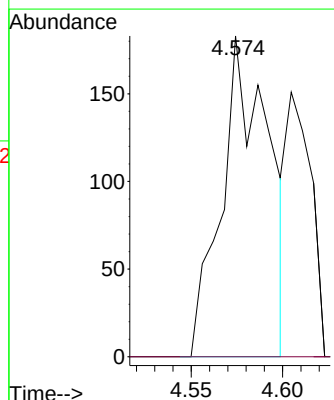
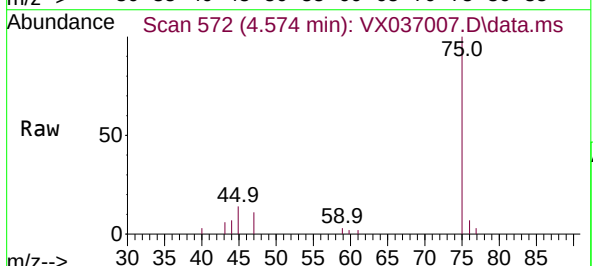
Acq: 16 Aug 2023 10:55

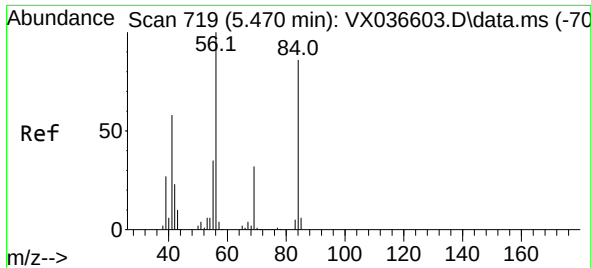
Tgt Ion: 43 Resp: 326

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#

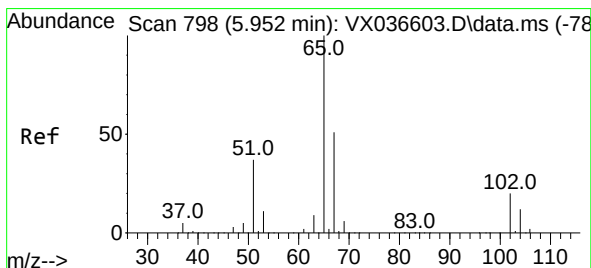
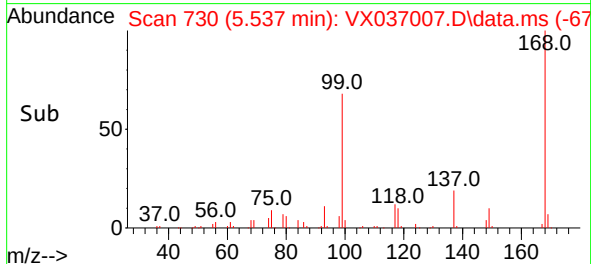
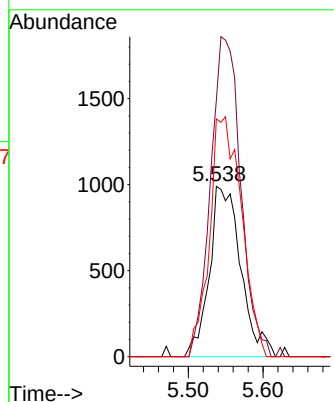
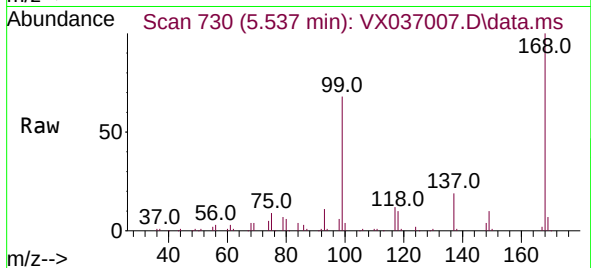




#31
Cyclohexane
Concen: 1.023 ug/l
RT: 5.537 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

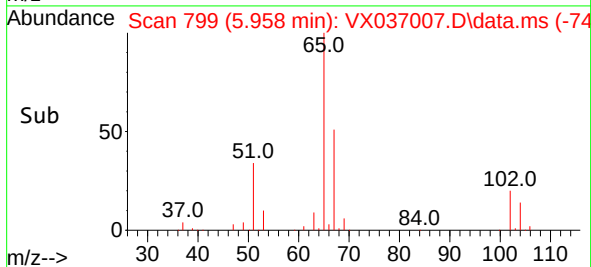
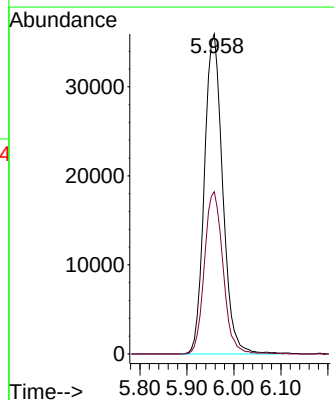
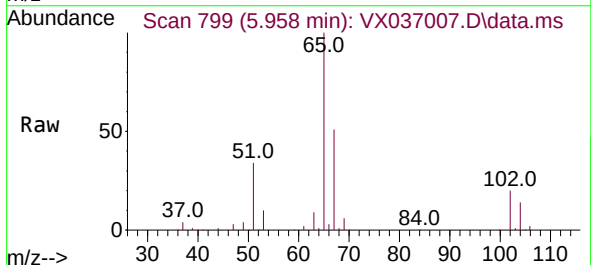
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBL01

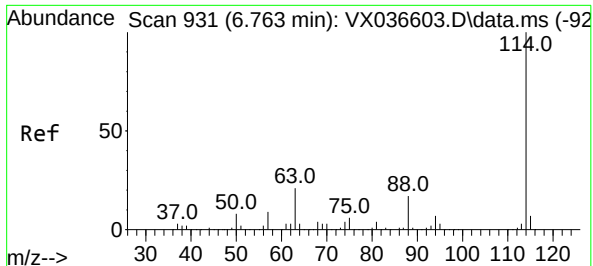
Tgt Ion: 56 Resp: 2892
Ion Ratio Lower Upper
56 100
69 150.6 23.4 35.2#
84 139.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.492 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

Tgt Ion: 65 Resp: 96946
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

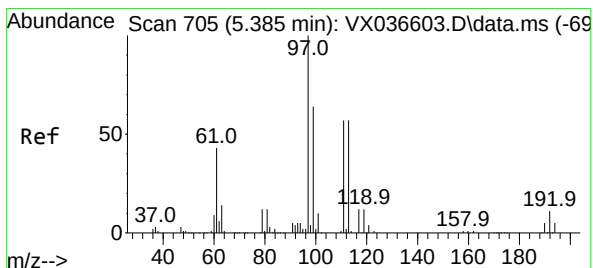
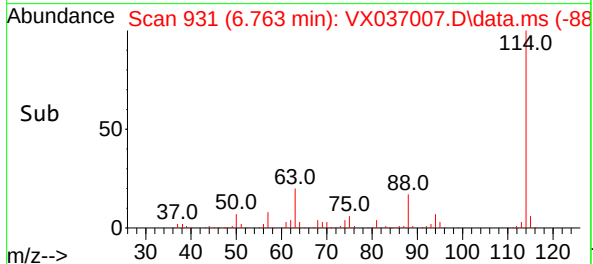
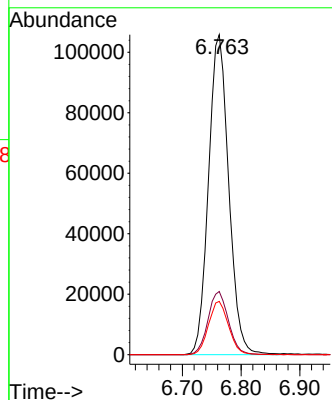
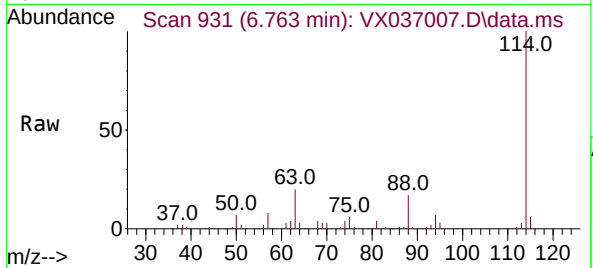




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

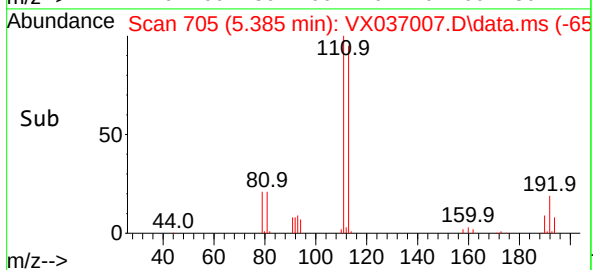
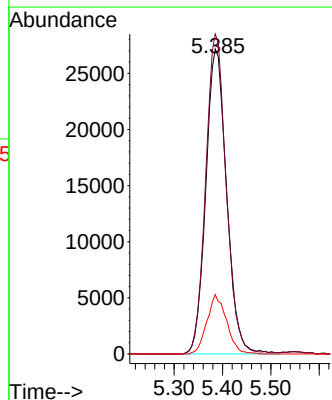
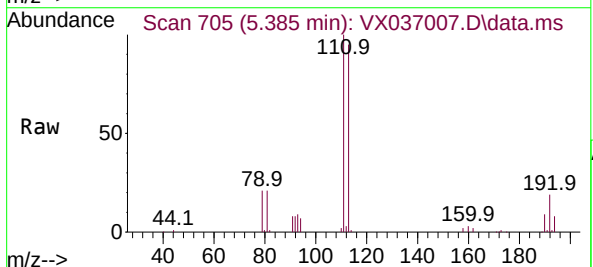
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBL01

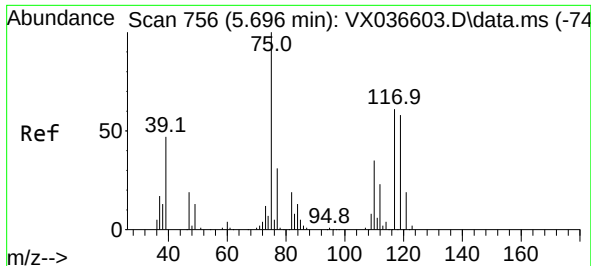
Tgt Ion:114 Resp: 252752
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.758 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

Tgt Ion:113 Resp: 81231
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.4 13.3 19.9

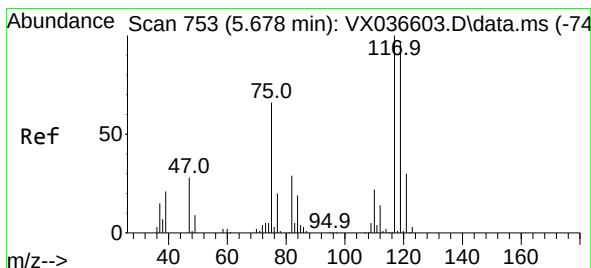
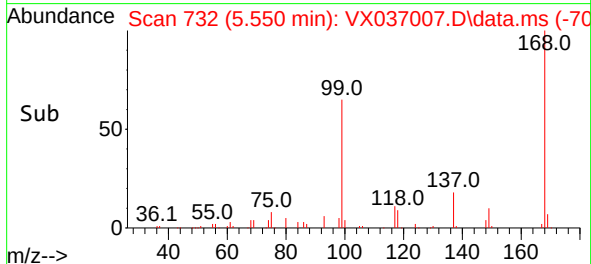
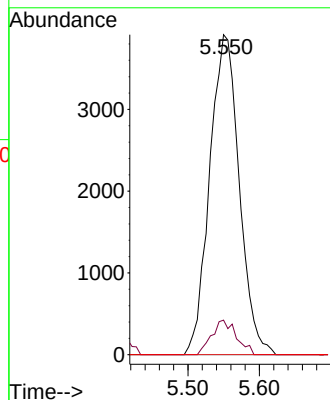
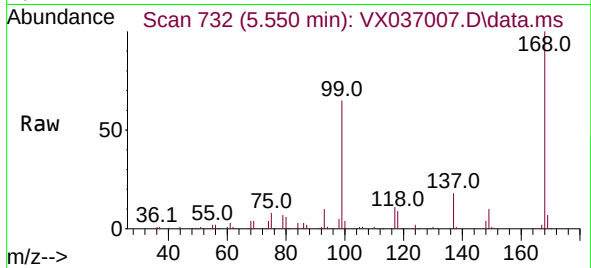




#36
1,1-Dichloropropene
Concen: 4.342 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

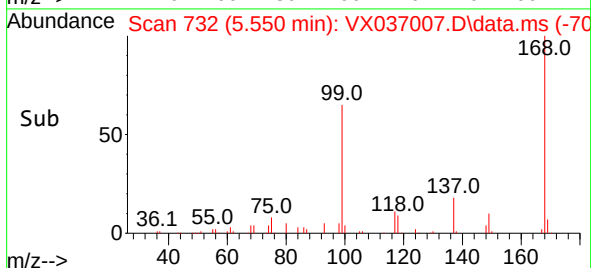
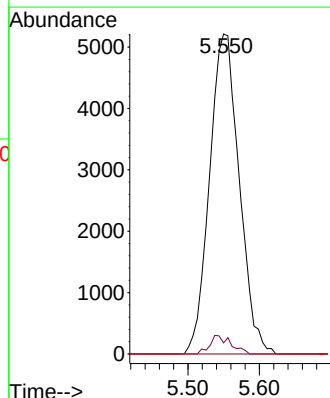
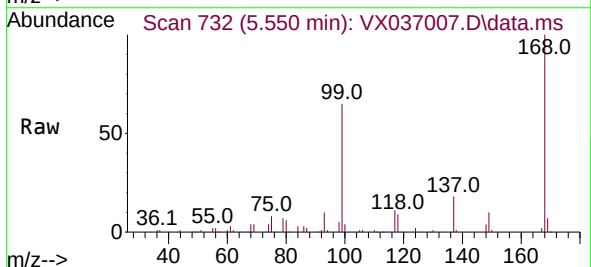
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBL01

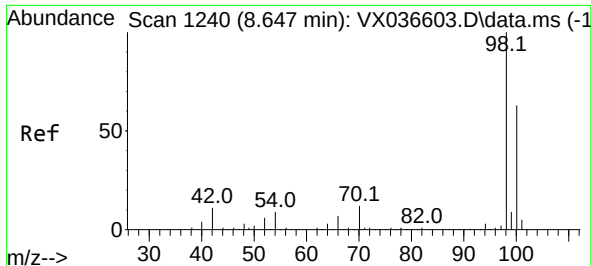
Tgt Ion: 75 Resp: 11242
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.458 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

Tgt Ion: 117 Resp: 15025
Ion Ratio Lower Upper
117 100
119 3.5 78.2 117.2#
121 0.0 24.4 36.6#

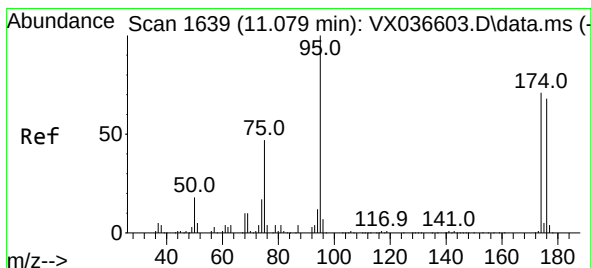
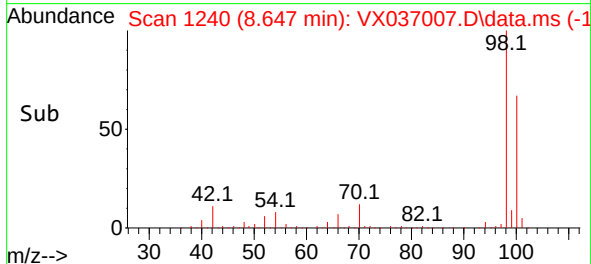
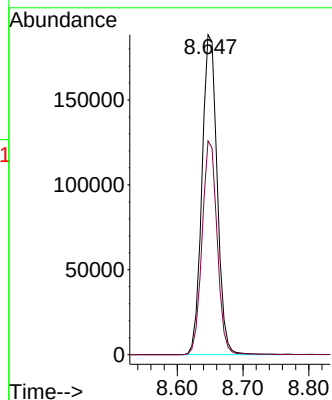
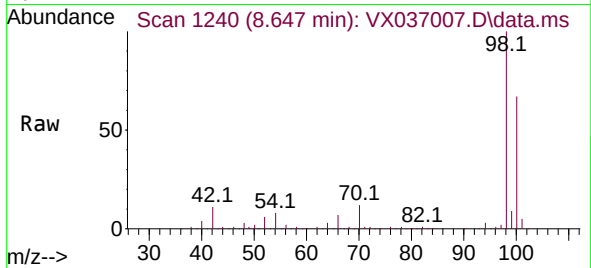




#50
Toluene-d8
Concen: 49.192 ug/l
RT: 8.647 min Scan# 11330
Delta R.T. -0.000 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

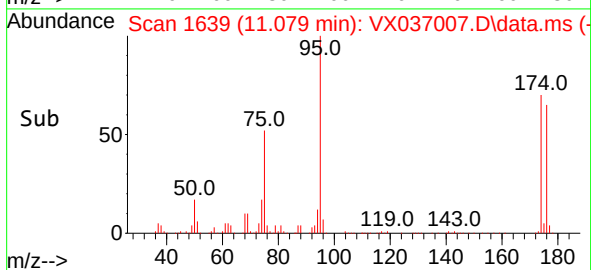
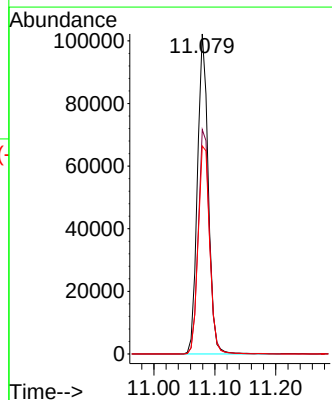
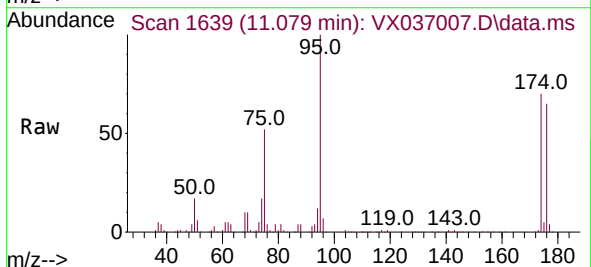
Instrument :
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VX0816WBL01

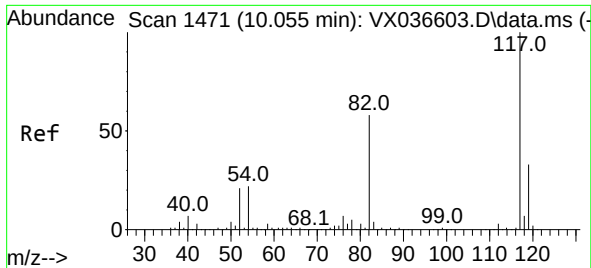
Tgt Ion: 98 Resp: 303061
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 54.255 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

Tgt Ion: 95 Resp: 126108
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 69.5 0.0 131.0

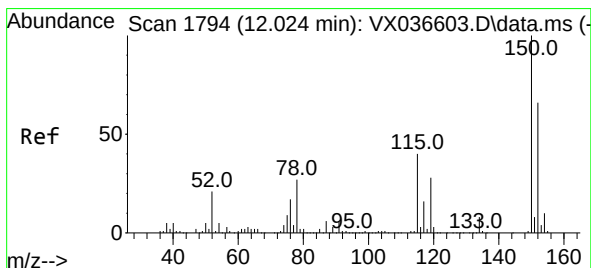
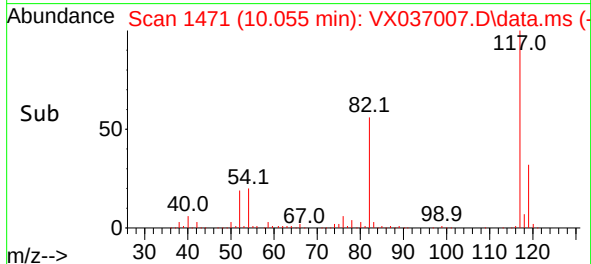
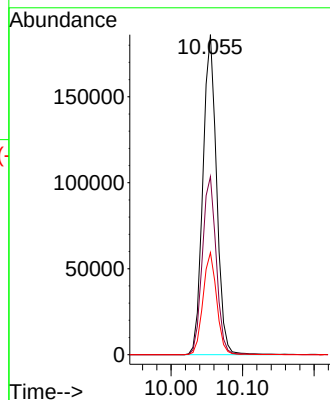
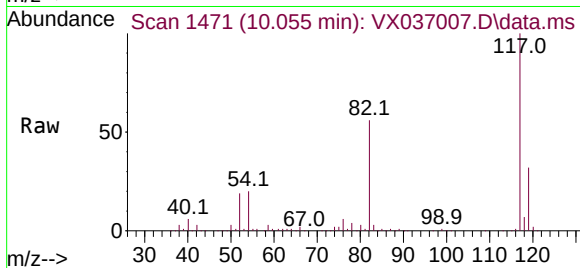




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

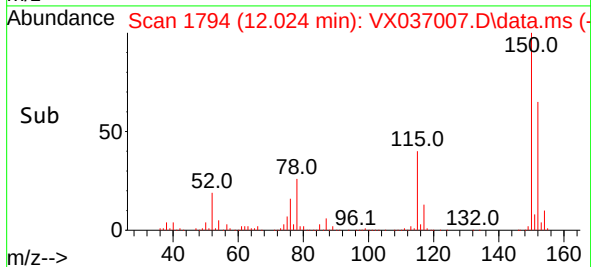
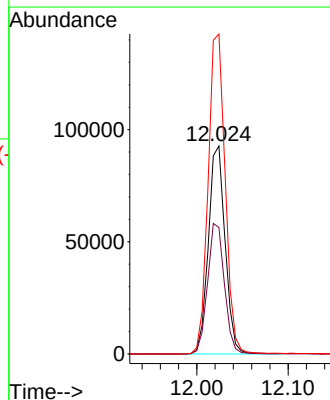
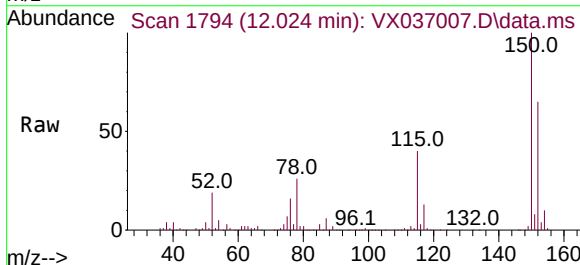
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBL01

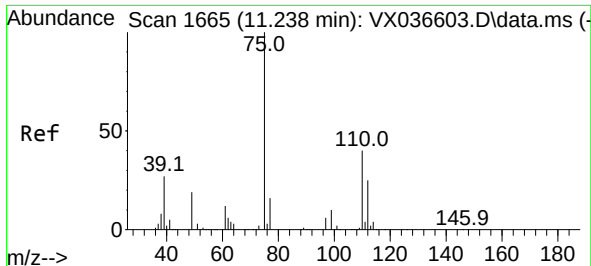
Tgt Ion:117 Resp: 247765
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

Tgt Ion:152 Resp: 117772
Ion Ratio Lower Upper
152 100
115 63.0 43.3 129.9
150 157.0 0.0 345.0

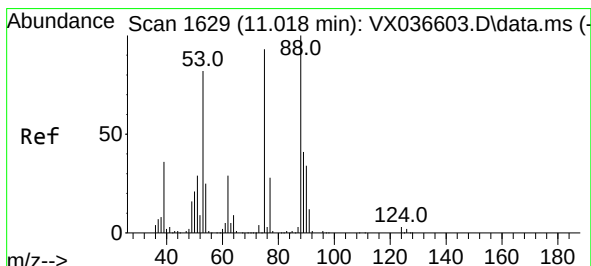
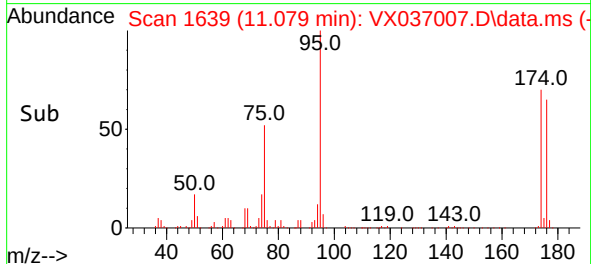
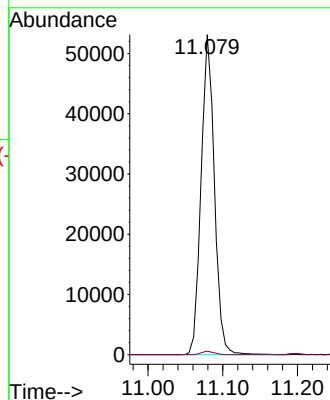
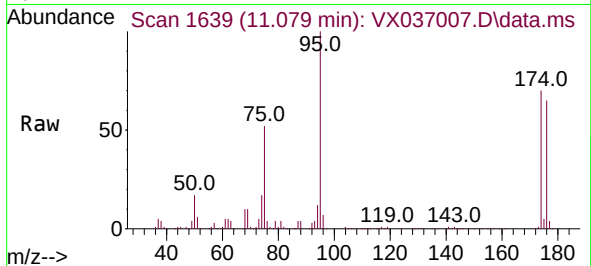




#76
1,2,3-Trichloropropane
Concen: 23.642 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

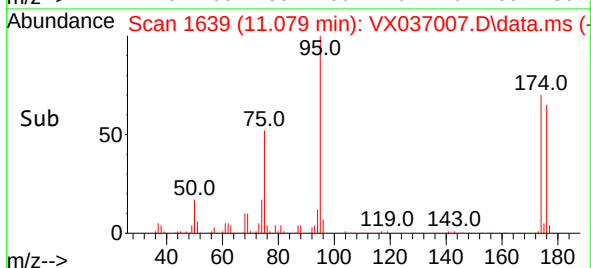
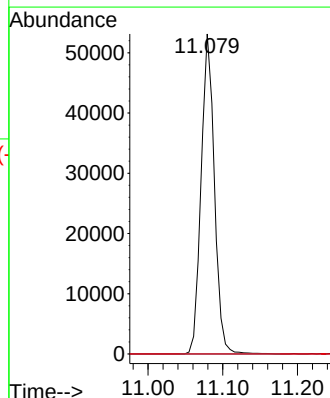
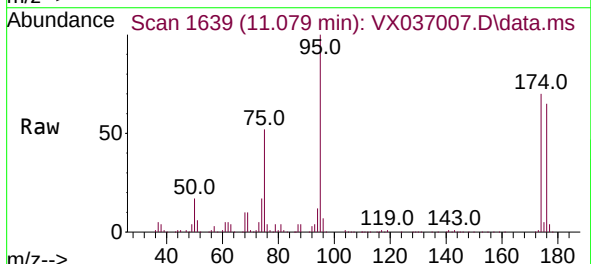
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBL01

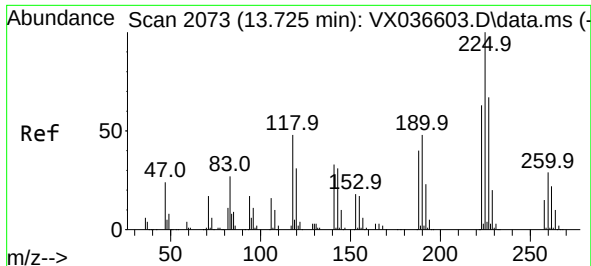
Tgt Ion: 75 Resp: 65492
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.587 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

Tgt Ion: 75 Resp: 65492
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

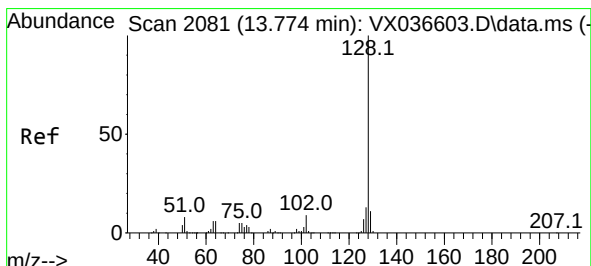
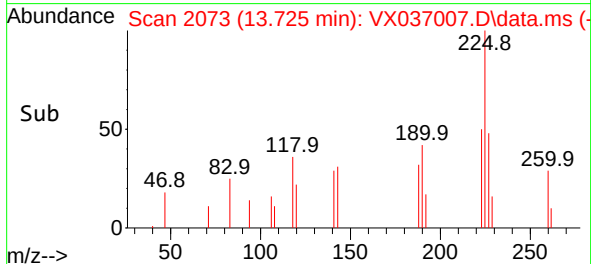
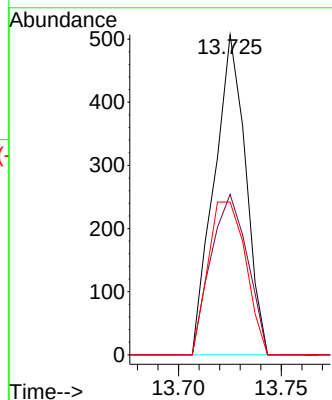
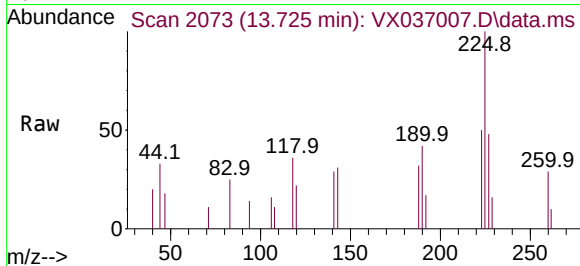




#94
Hexachlorobutadiene
Concen: 0.533 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBL01

Tgt Ion:	225	Resp:	539
Ion	Ratio	Lower	Upper
225	100		
223	58.1	31.1	93.2
227	57.1	32.5	97.5



#95
Naphthalene
Concen: 0.539 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

Tgt Ion:	128	Resp:	4589
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	11.1	8.8	13.2

