

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037545.D
 Acq On : 06 Sep 2023 11:08
 Operator : JC/MD
 Sample : VX0906WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBL01

Quant Time: Sep 06 22:43:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

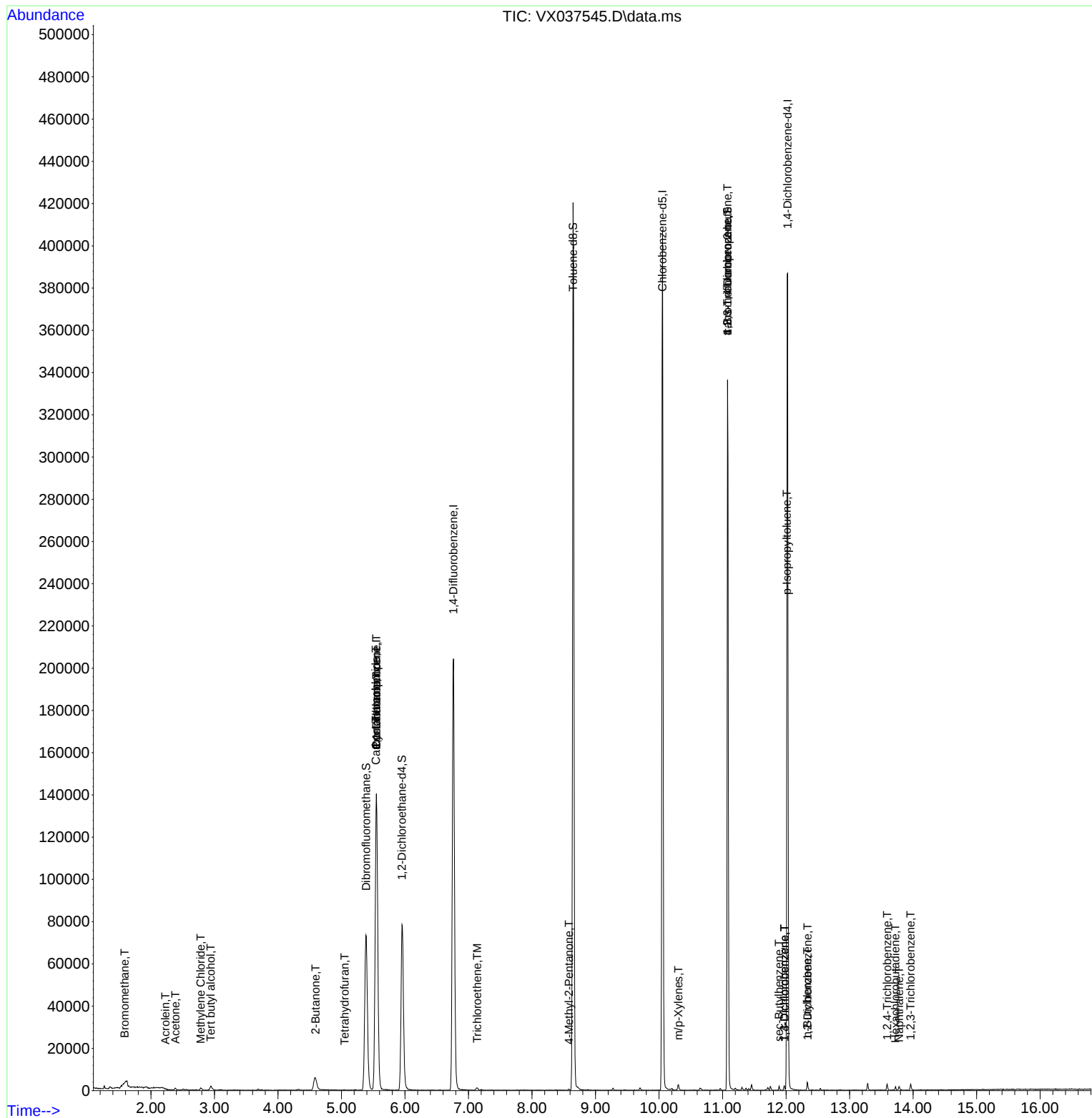
Internal Standards						
1) Pentafluorobenzene	5.550	168	134434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221080	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76918	39.687	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.380%
35) Dibromofluoromethane	5.385	113	67842	46.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.680%
50) Toluene-d8	8.647	98	261250	49.190	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.079	95	94179	45.123	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.240%
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	160	0.216	ug/l #	3
11) Tert butyl alcohol	2.940	59	1645	3.618	ug/l #	78
13) Acrolein	2.227	56	193	0.558	ug/l #	68
16) Acetone	2.386	43	1011	1.333	ug/l #	86
20) Methylene Chloride	2.782	84	738	0.435	ug/l #	83
25) 2-Butanone	4.593	43	610	0.534	ug/l #	51
29) Tetrahydrofuran	5.050	42	184	0.253	ug/l #	34
31) Cyclohexane	5.550	56	2438	1.119	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10133	4.871	ug/l #	51
38) Carbon Tetrachloride	5.544	117	13792	6.104	ug/l #	15
44) Trichloroethene	7.135	130	541	0.320	ug/l	78
51) 4-Methyl-2-Pentanone	8.580	43	413	0.202	ug/l	98
68) m/p-Xylenes	10.305	106	675	0.239	ug/l	82
76) 1,2,3-Trichloropropane	11.079	75	44936	24.113	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	44936	67.349	ug/l #	5
85) sec-Butylbenzene	11.890	105	1189	0.201	ug/l	93
86) p-Isopropyltoluene	12.012	119	1198	0.235	ug/l #	83
87) 1,3-Dichlorobenzene	11.975	146	898	0.309	ug/l	90
88) 1,4-Dichlorobenzene	11.975	146	898	0.299	ug/l	91
89) n-Butylbenzene	12.335	91	1312	0.311	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	584	0.205	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	897	0.538	ug/l	89
94) Hexachlorobutadiene	13.719	225	308	0.478	ug/l	90
95) Naphthalene	13.780	128	1728	0.237	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	860	0.519	ug/l	90

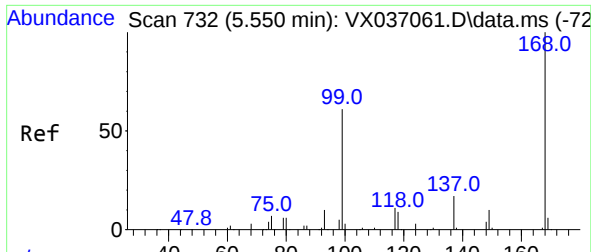
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
Data File : VX037545.D
Acq On : 06 Sep 2023 11:08
Operator : JC/MD
Sample : VX0906WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

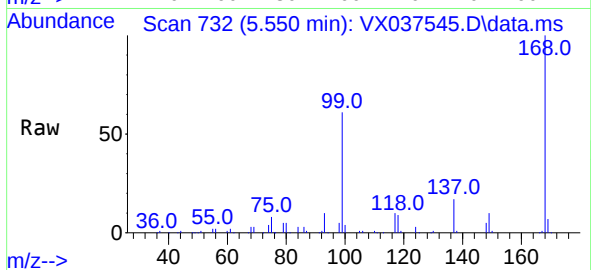
Quant Time: Sep 06 22:43:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



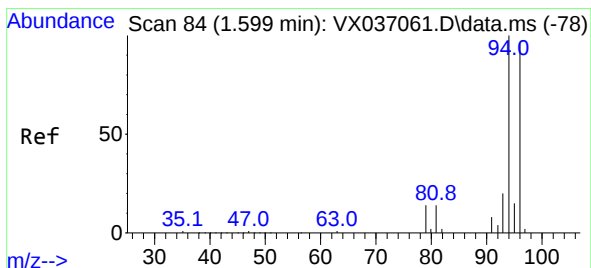
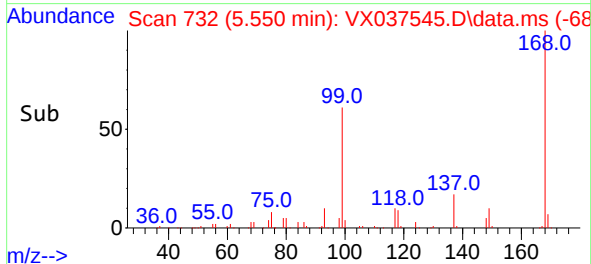
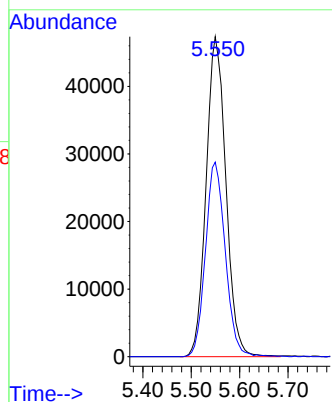


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

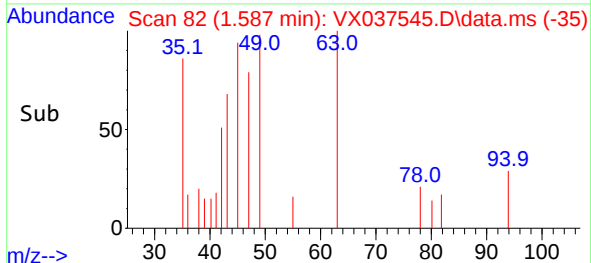
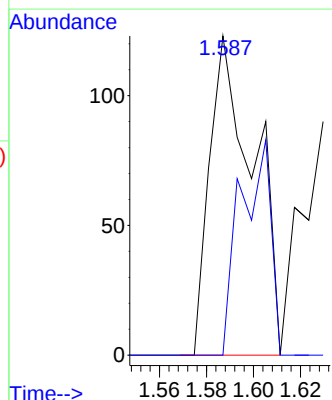
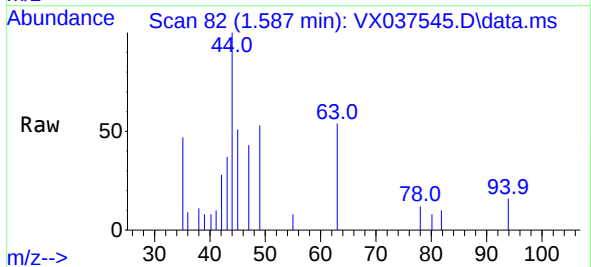


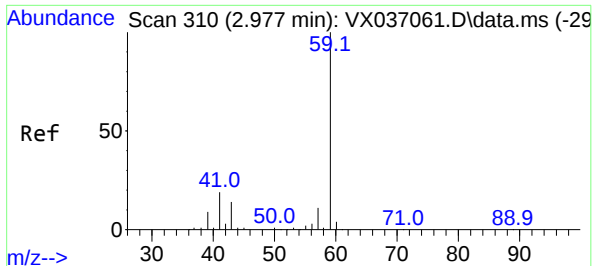
Tgt Ion:168 Resp: 134434
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#5
Bromomethane
Concen: 0.216 ug/l
RT: 1.587 min Scan# 82
Delta R.T. -0.012 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

Tgt Ion: 94 Resp: 160
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

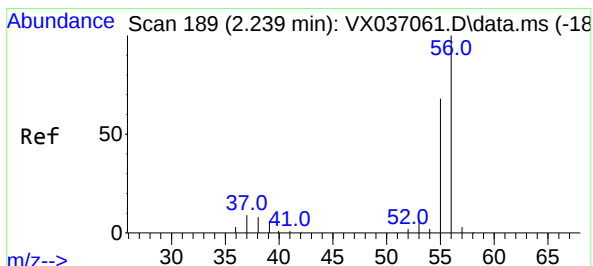
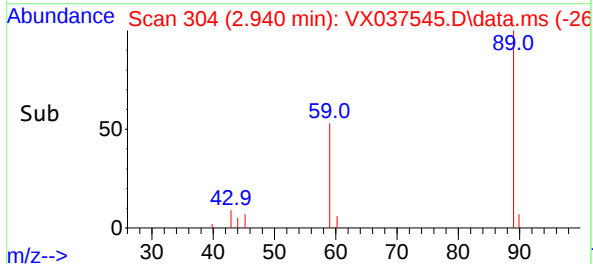
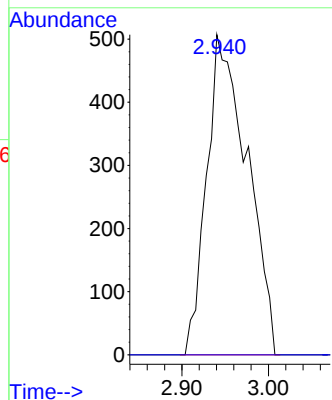
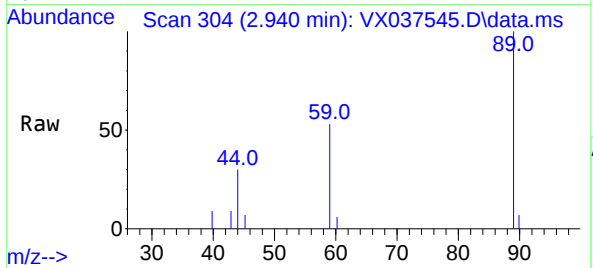




#11
Tert butyl alcohol
Concen: 3.618 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

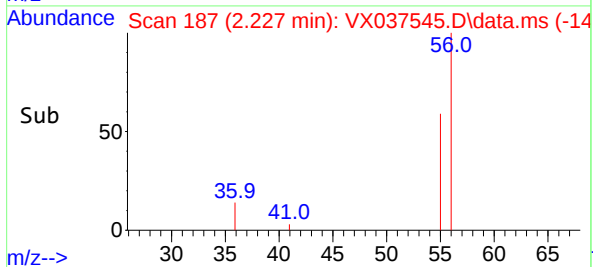
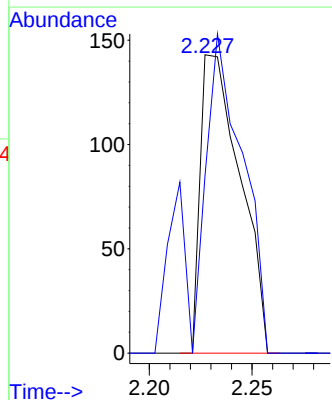
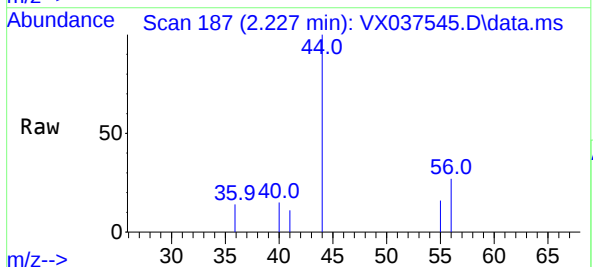
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

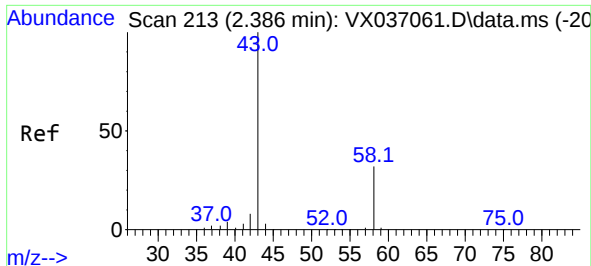
Tgt Ion: 59 Resp: 1645
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.558 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

Tgt Ion: 56 Resp: 193
Ion Ratio Lower Upper
56 100
55 97.9 57.1 85.7#

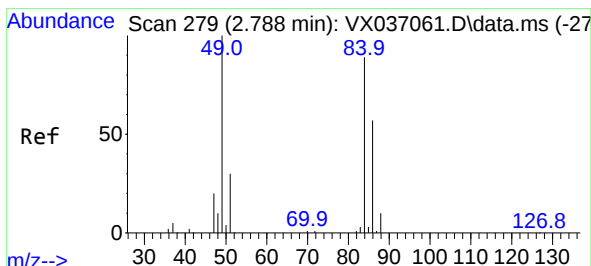
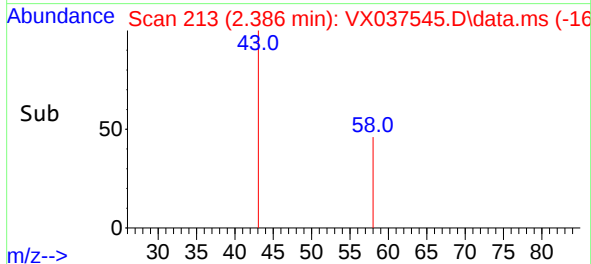
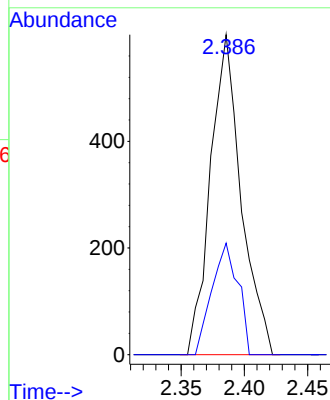
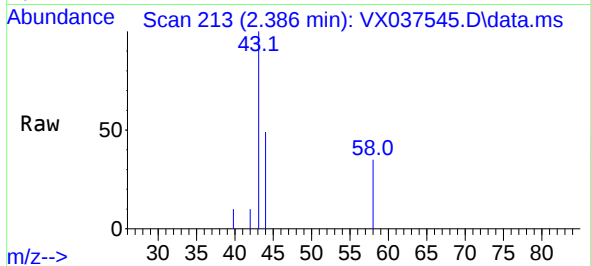




#16
Acetone
Concen: 1.333 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

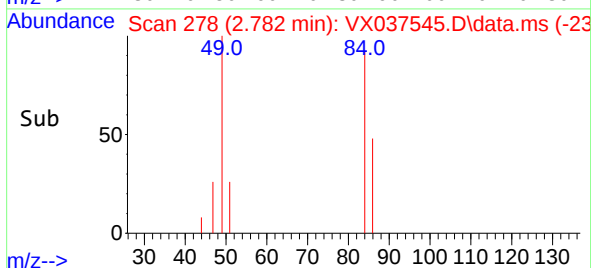
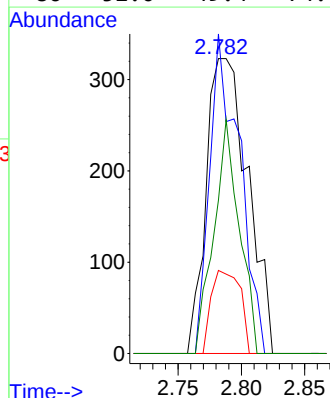
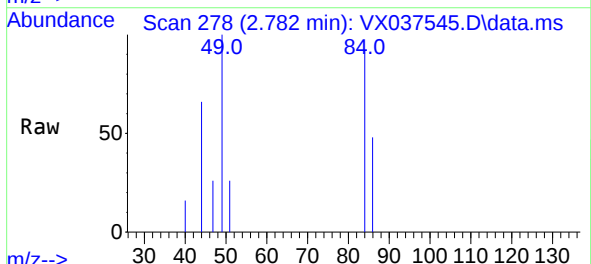
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

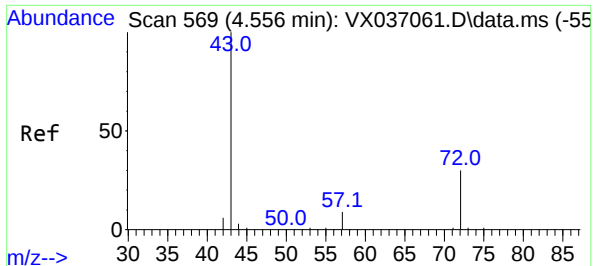
Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
58 34.8 21.9 32.9#



#20
Methylene Chloride
Concen: 0.435 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

Tgt Ion: 84 Resp: 738
Ion Ratio Lower Upper
84 100
49 108.4 103.6 155.4
51 28.2 33.8 50.6#
86 52.0 49.4 74.0





#25

2-Butanone

Concen: 0.534 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX037545.D

Acq: 06 Sep 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

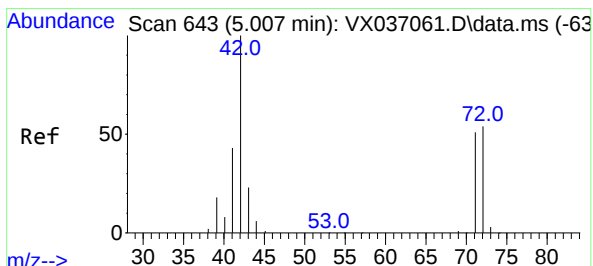
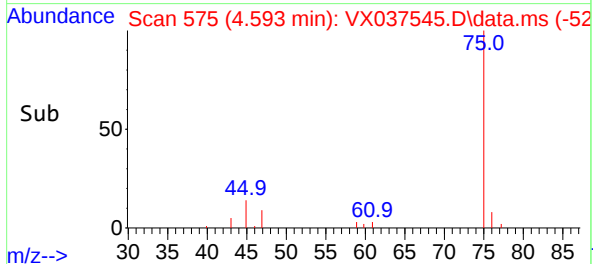
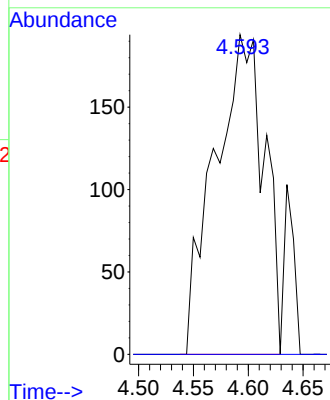
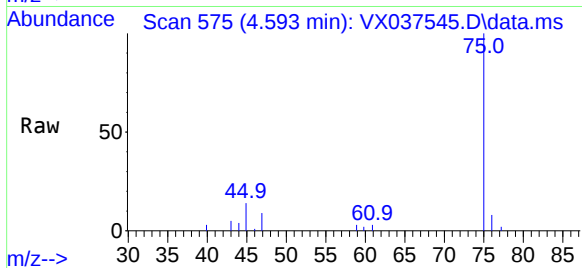
VX0906WBL01

Tgt Ion: 43 Resp: 610

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#29

Tetrahydrofuran

Concen: 0.253 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.043 min

Lab File: VX037545.D

Acq: 06 Sep 2023 11:08

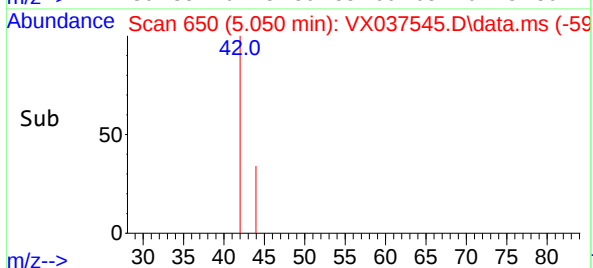
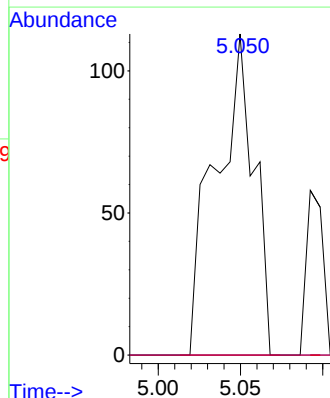
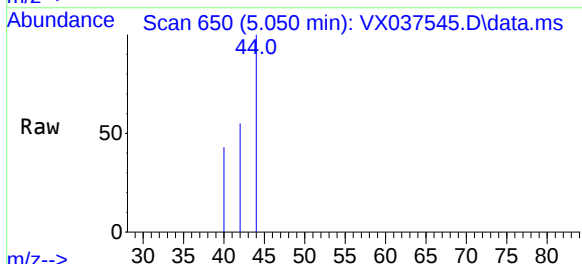
Tgt Ion: 42 Resp: 184

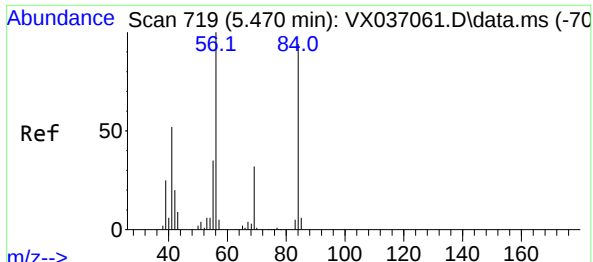
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

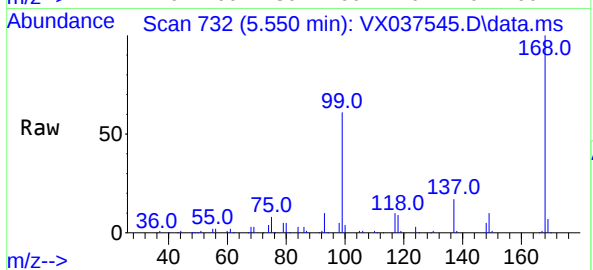
71 0.0 32.2 48.2#



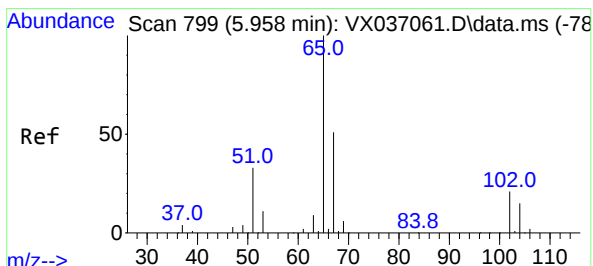
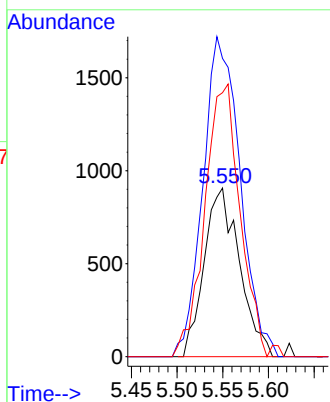
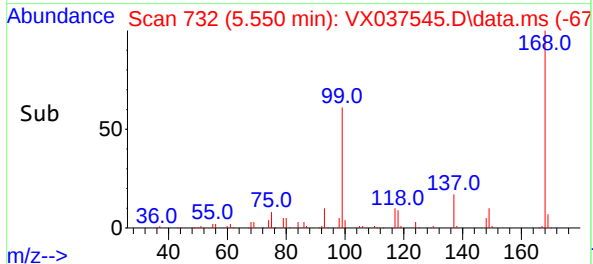


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

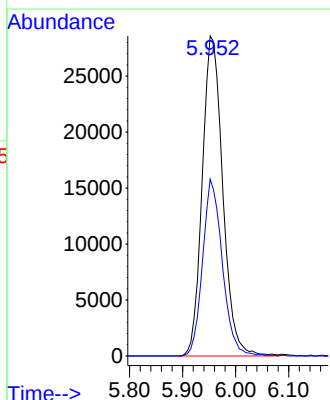
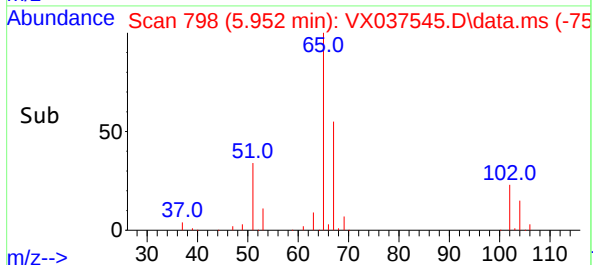
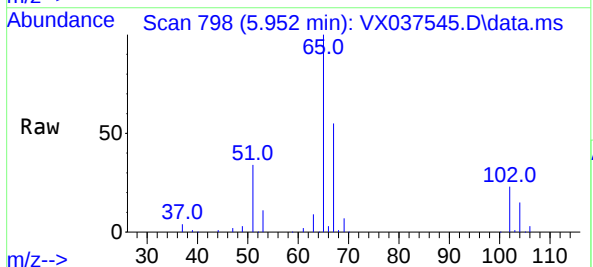


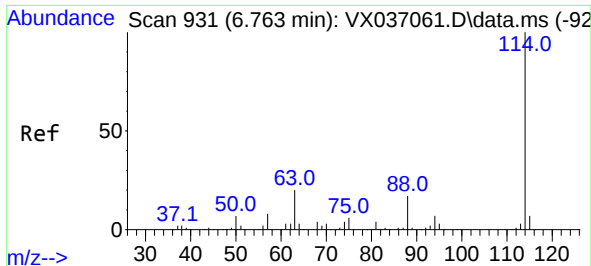
Tgt Ion: 56 Resp: 2438
Ion Ratio Lower Upper
56 100
69 176.8 23.4 35.2#
84 150.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 39.687 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

Tgt Ion: 65 Resp: 76918
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

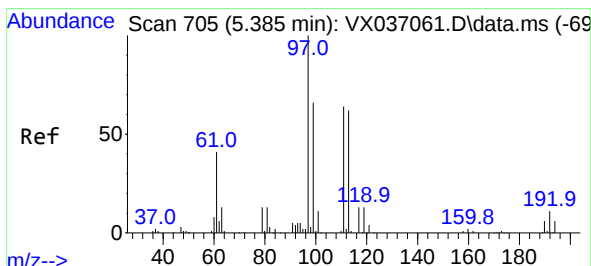
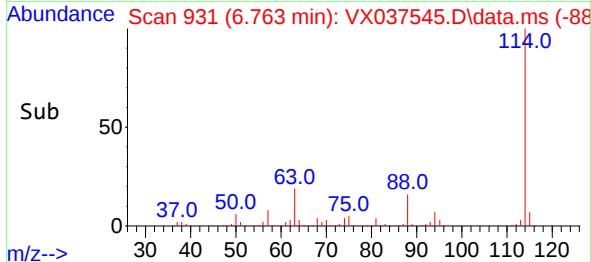
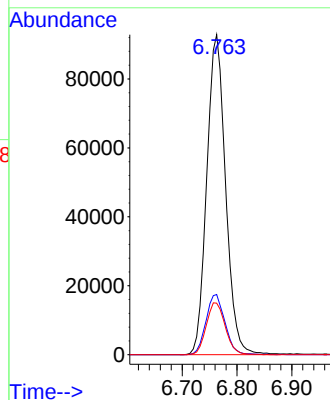
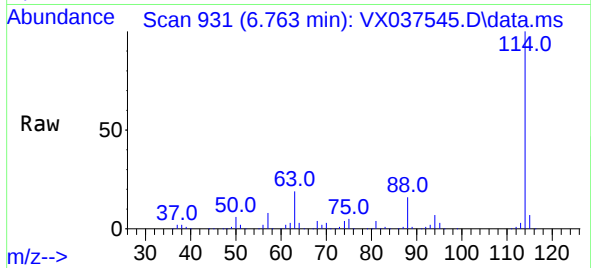




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

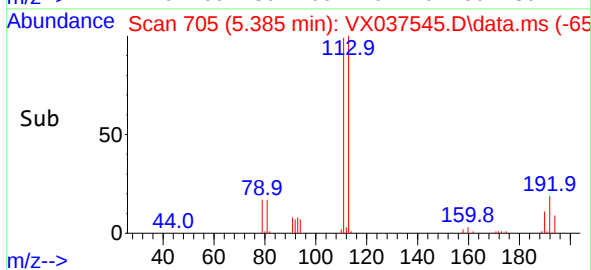
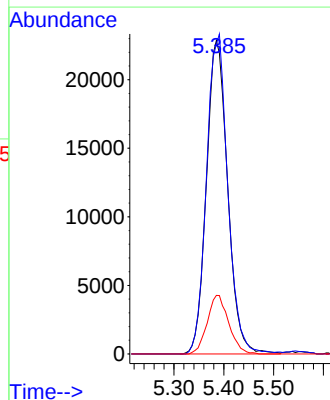
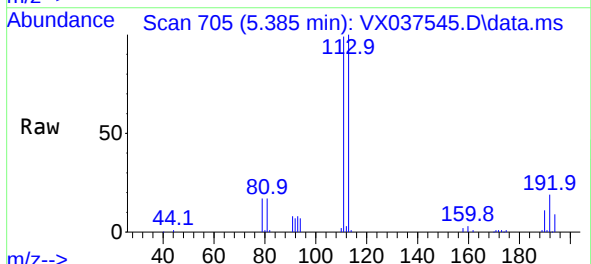
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

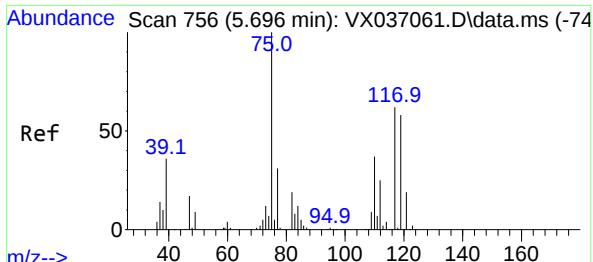
Tgt Ion:114 Resp: 221080
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.335 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

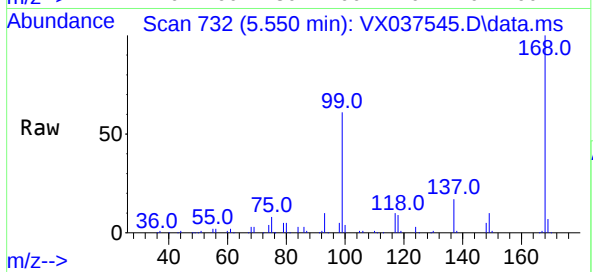
Tgt Ion:113 Resp: 67842
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.8 13.3 19.9



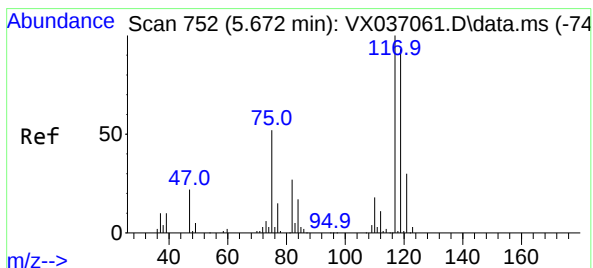
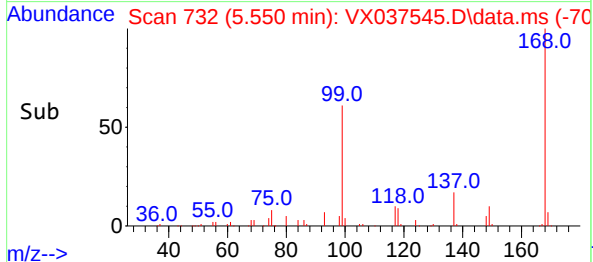
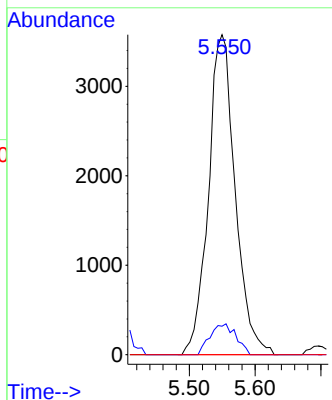


#36
1,1-Dichloropropene
Concen: 4.871 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

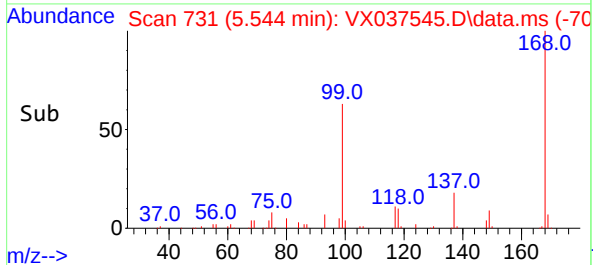
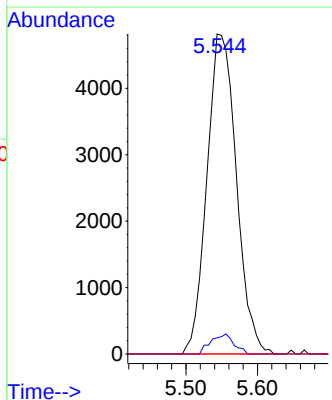
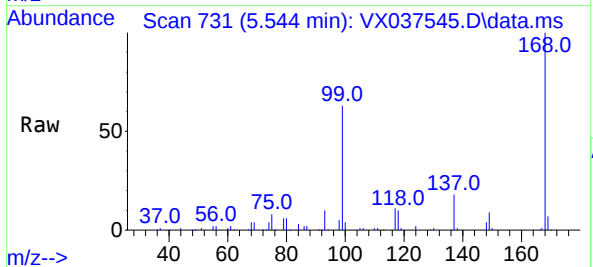


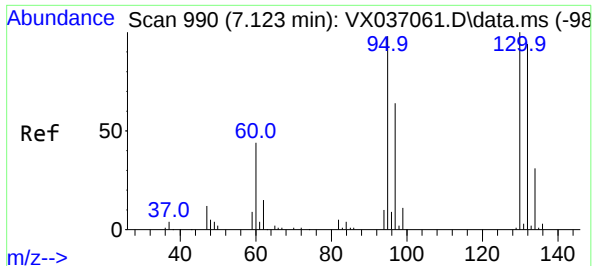
Tgt Ion: 75 Resp: 10133
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.104 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

Tgt Ion: 117 Resp: 13792
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#

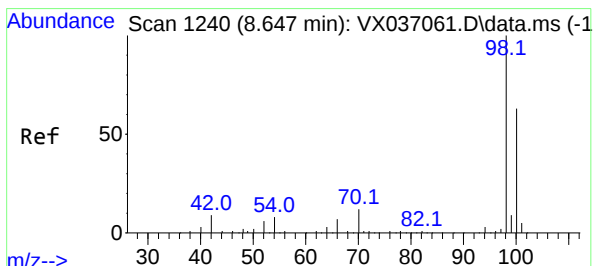
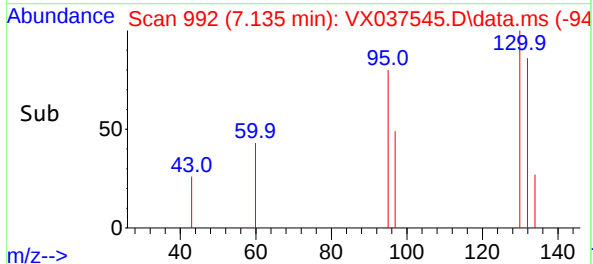
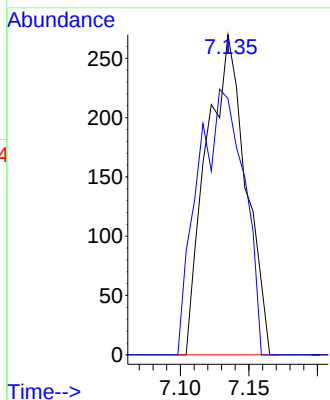
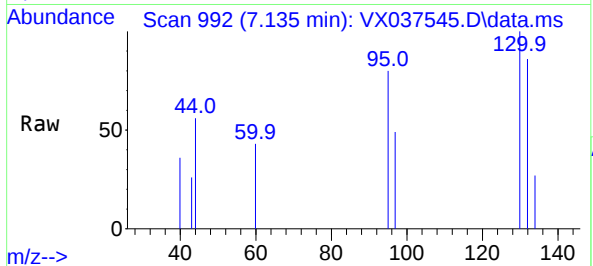




#44
Trichloroethene
Concen: 0.320 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

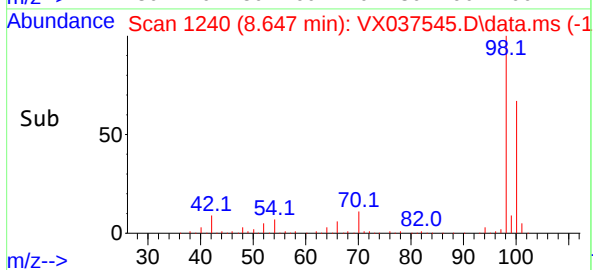
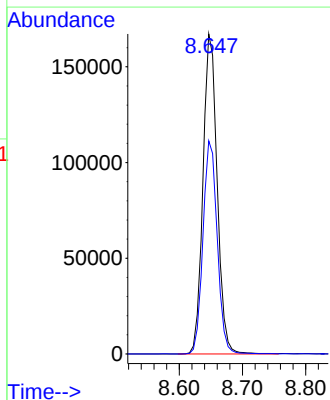
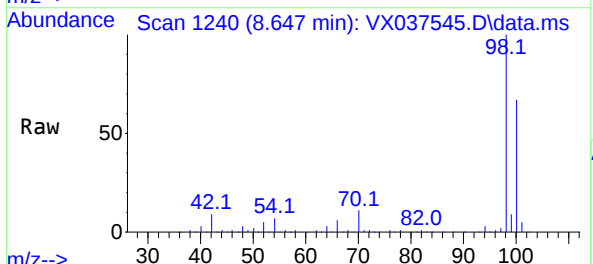
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

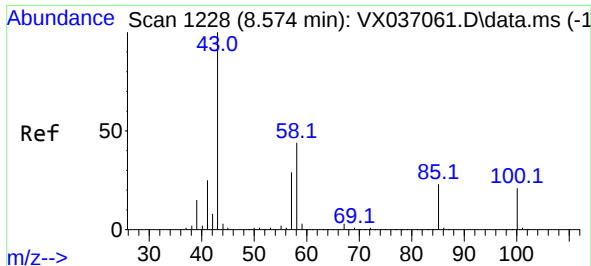
Tgt Ion:130 Resp: 541
Ion Ratio Lower Upper
130 100
95 80.0 0.0 204.4



#50
Toluene-d8
Concen: 49.190 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

Tgt Ion: 98 Resp: 261250
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7

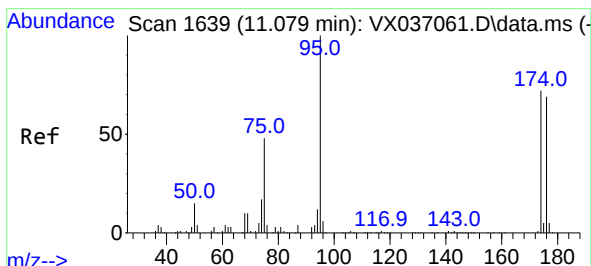
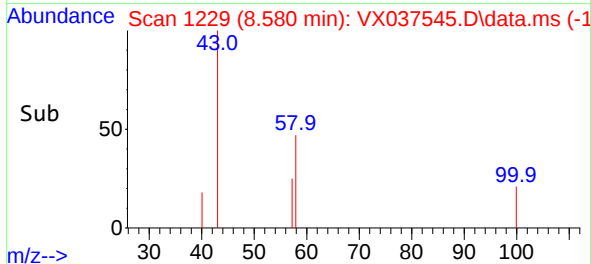
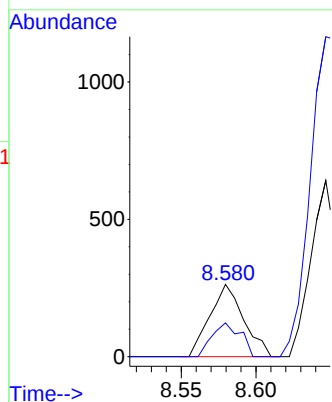
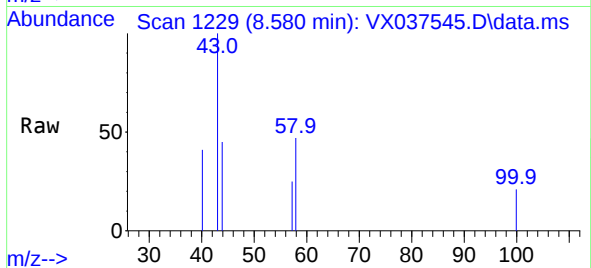




#51
4-Methyl-2-Pentanone
Concen: 0.202 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

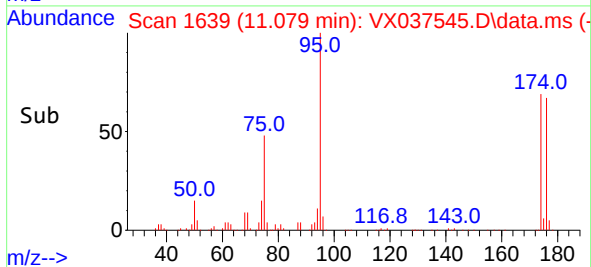
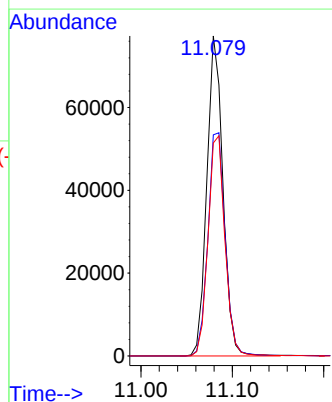
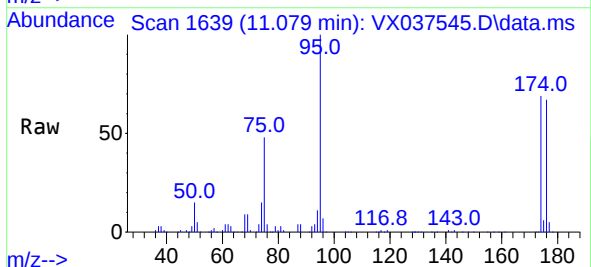
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

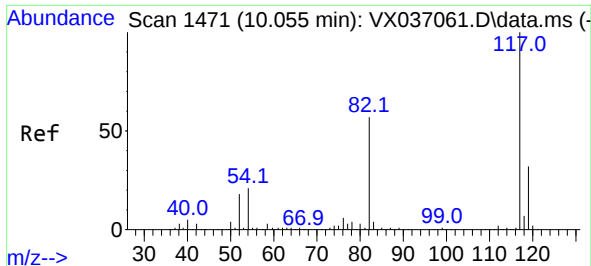
Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
58 39.2 30.4 45.6



#62
4-Bromofluorobenzene
Concen: 45.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

Tgt Ion: 95 Resp: 94179
Ion Ratio Lower Upper
95 100
174 75.0 0.0 135.6
176 72.5 0.0 131.0

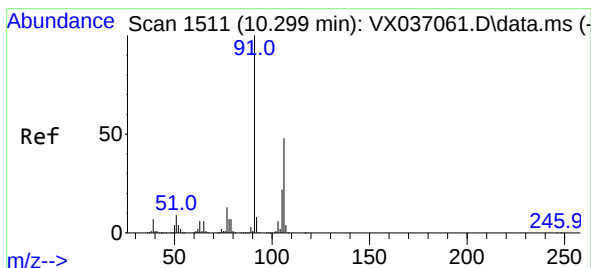
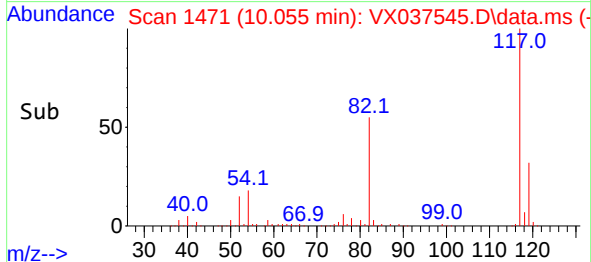
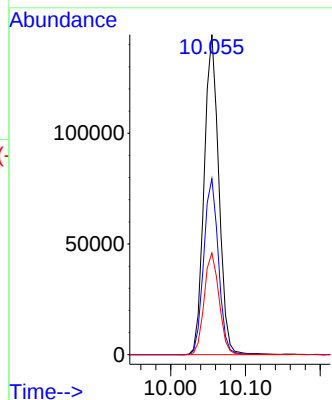
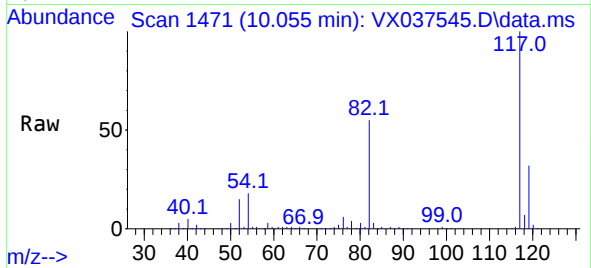




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

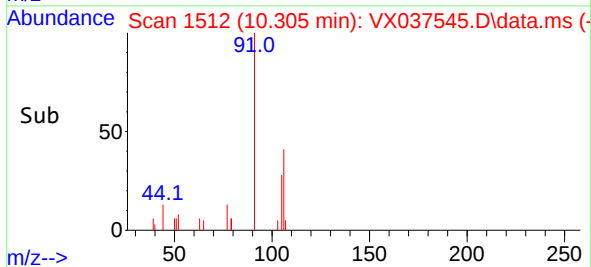
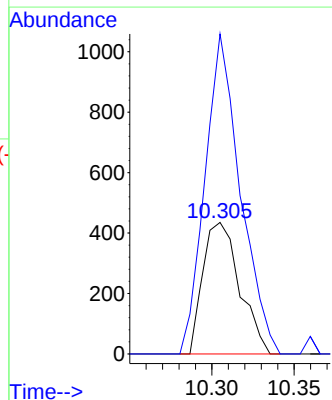
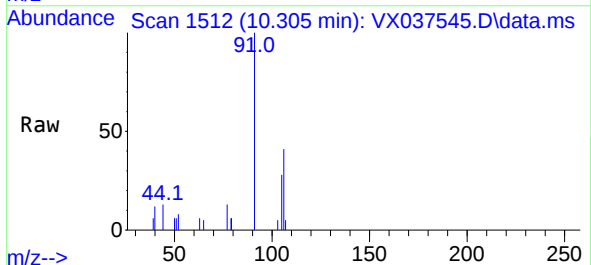
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

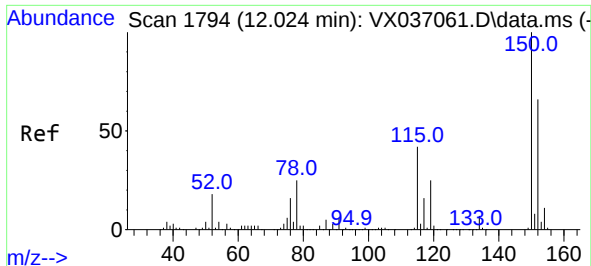
Tgt Ion:117 Resp: 196914
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 0.239 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

Tgt Ion:106 Resp: 675
Ion Ratio Lower Upper
106 100
91 235.0 165.5 248.3

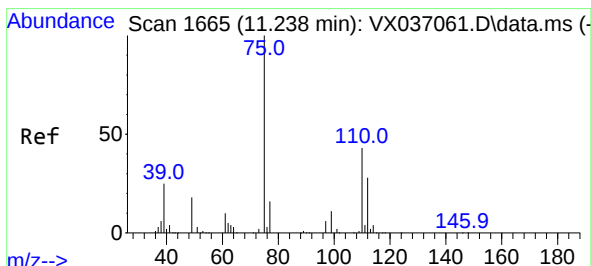
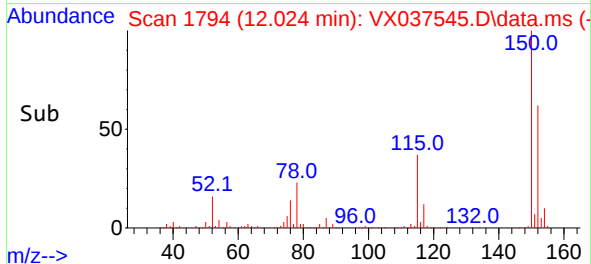
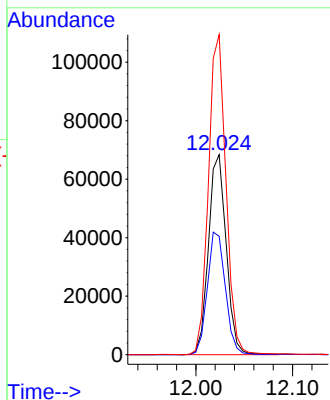
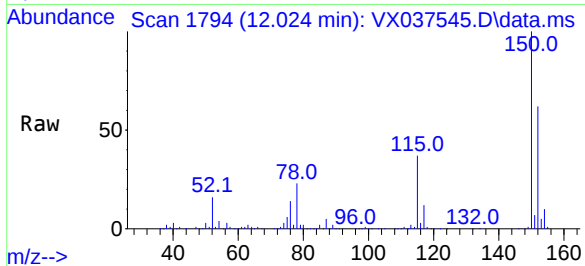




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

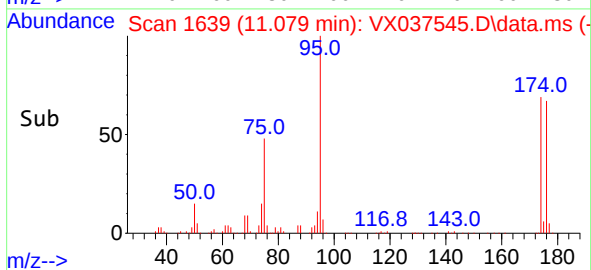
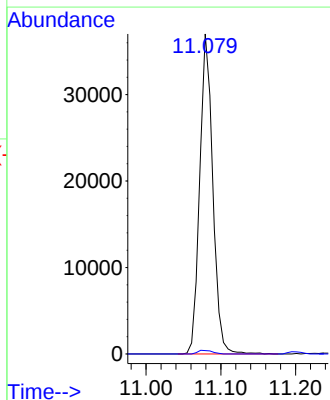
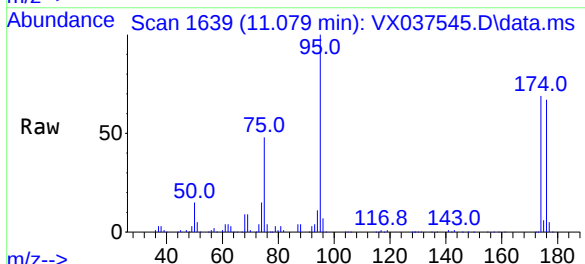
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

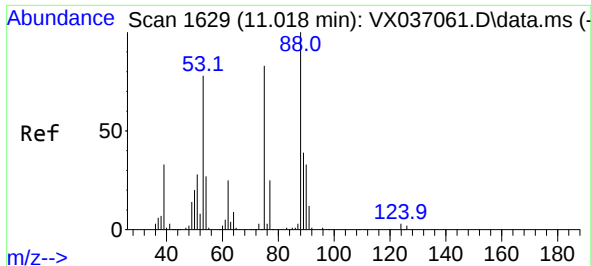
Tgt Ion:152 Resp: 87504
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 158.0 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.113 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

Tgt Ion: 75 Resp: 44936
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

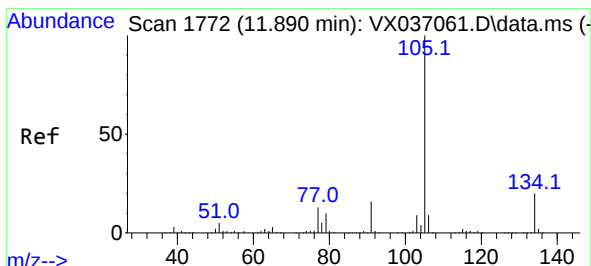
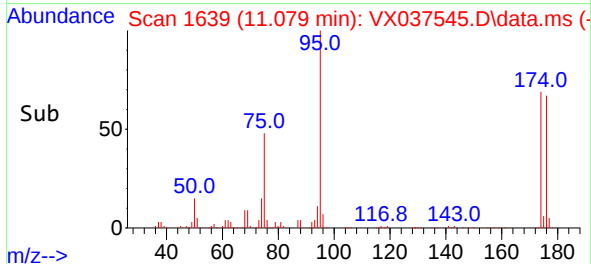
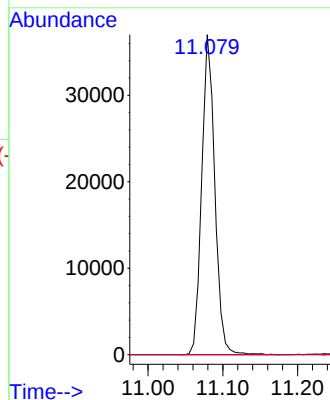
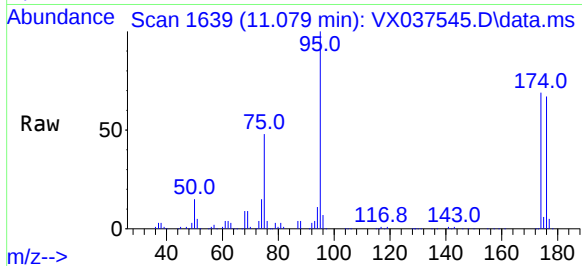




#81
trans-1,4-Dichloro-2-butene
Concen: 67.349 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

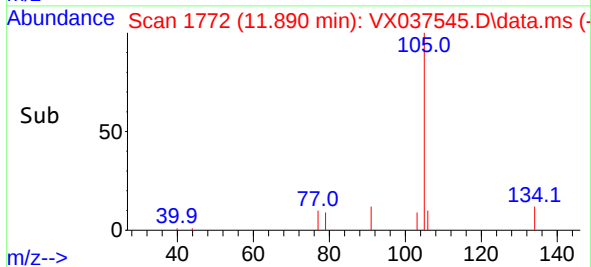
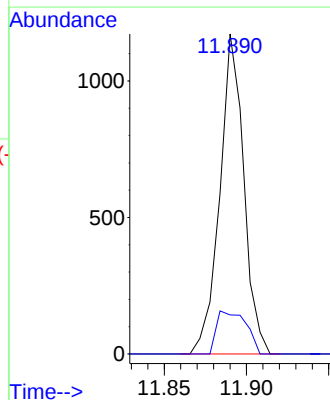
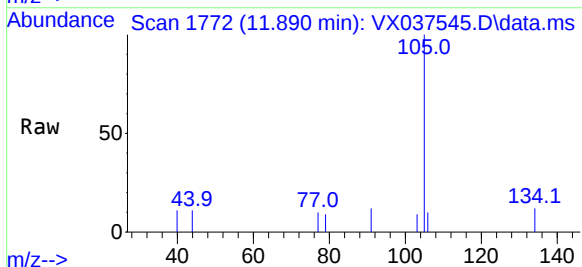
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

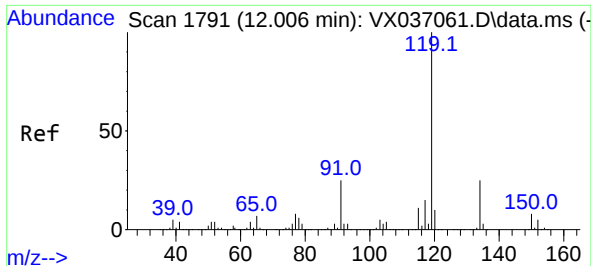
Tgt Ion: 75 Resp: 44936
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#85
sec-Butylbenzene
Concen: 0.201 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

Tgt Ion:105 Resp: 1189
Ion Ratio Lower Upper
105 100
134 16.4 9.8 29.4

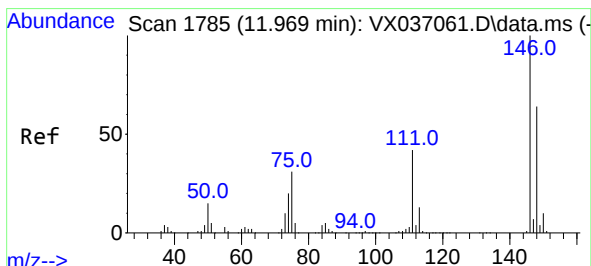
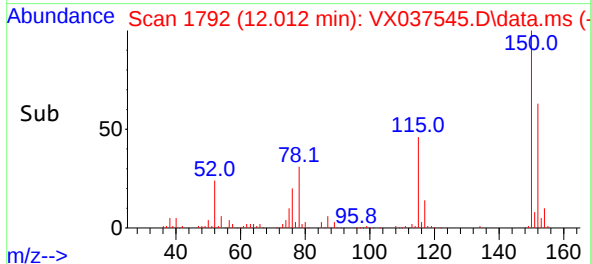
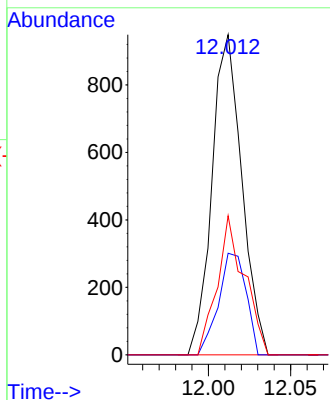
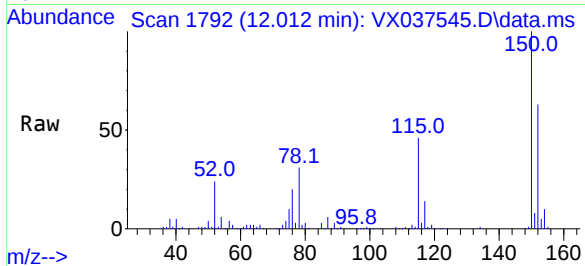




#86
p-Isopropyltoluene
Concen: 0.235 ug/l
RT: 12.012 min Scan# 1198
Delta R.T. 0.006 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

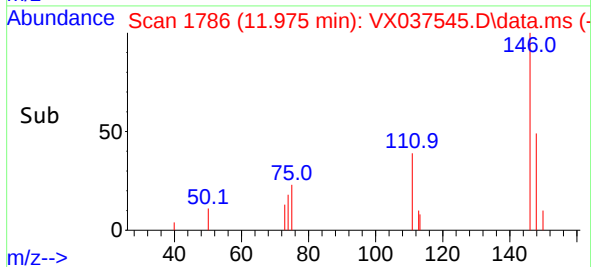
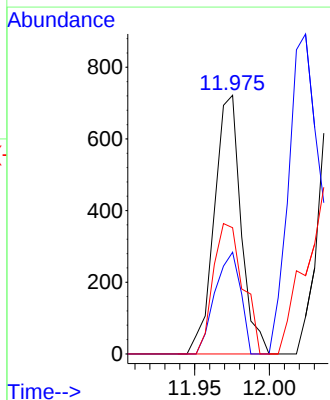
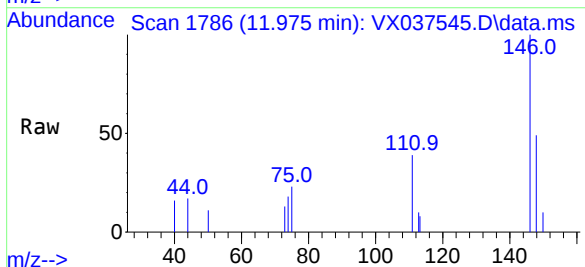
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

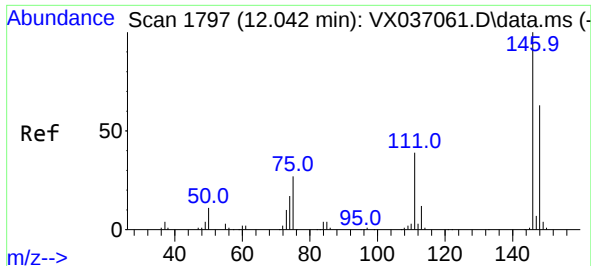
Tgt Ion:119 Resp: 1198
Ion Ratio Lower Upper
119 100
134 29.4 12.8 38.3
91 39.7 13.1 39.3#



#87
1,3-Dichlorobenzene
Concen: 0.309 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

Tgt Ion:146 Resp: 898
Ion Ratio Lower Upper
146 100
111 37.5 22.1 66.1
148 55.9 31.8 95.3

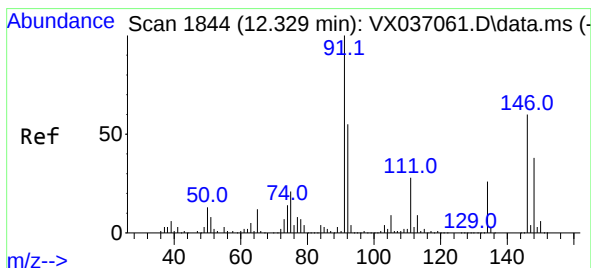
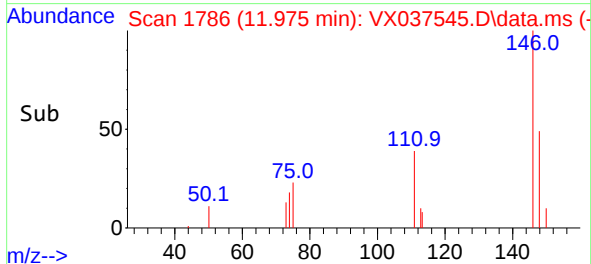
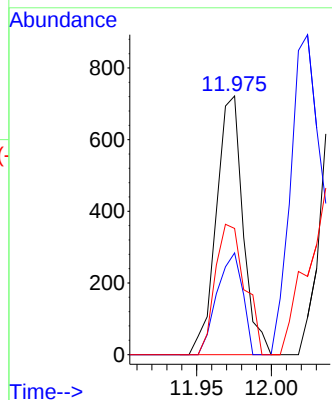
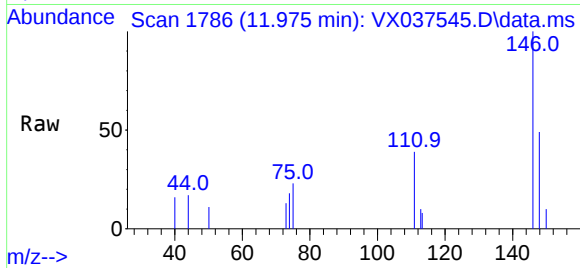




#88
1,4-Dichlorobenzene
Concen: 0.299 ug/l
RT: 11.975 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

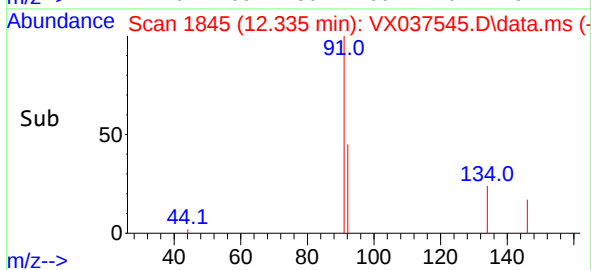
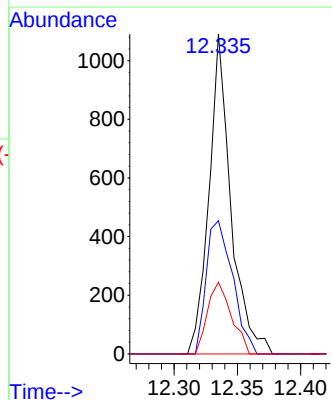
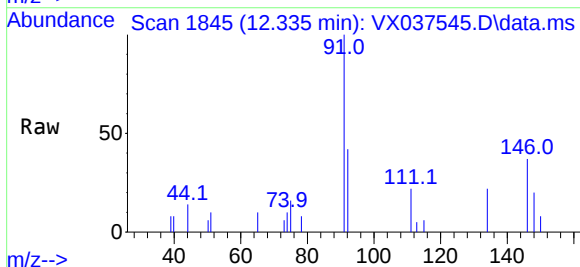
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

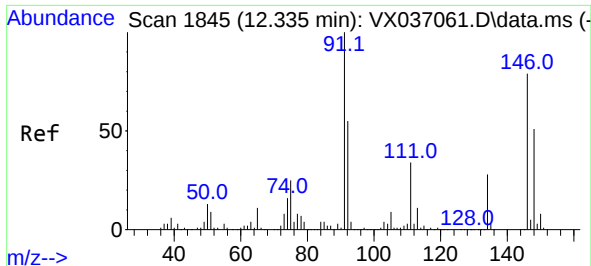
Tgt Ion:	146	Resp:	898
Ion	Ratio	Lower	Upper
146	100		
111	37.5	21.3	63.7
148	55.9	31.8	95.4



#89
n-Butylbenzene
Concen: 0.311 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

Tgt Ion:	91	Resp:	1312
Ion	Ratio	Lower	Upper
91	100		
92	50.1	27.4	82.0
134	24.3	12.6	37.8

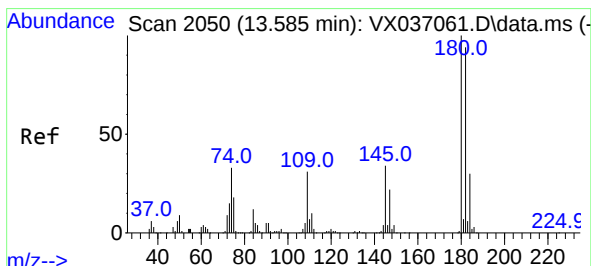
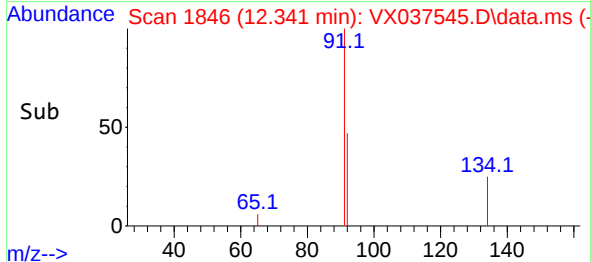
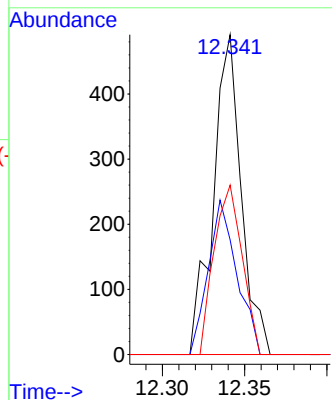
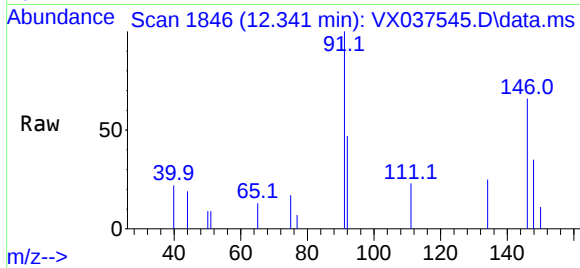




#91
1,2-Dichlorobenzene
Concen: 0.205 ug/l
RT: 12.341 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

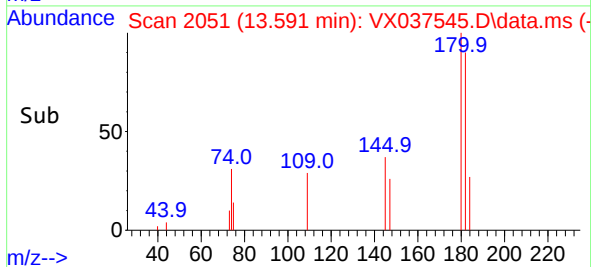
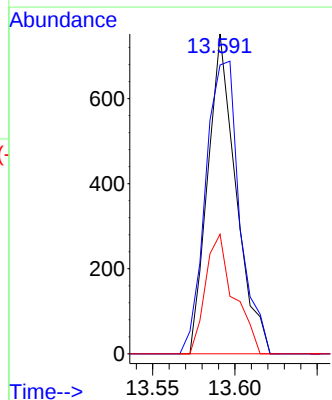
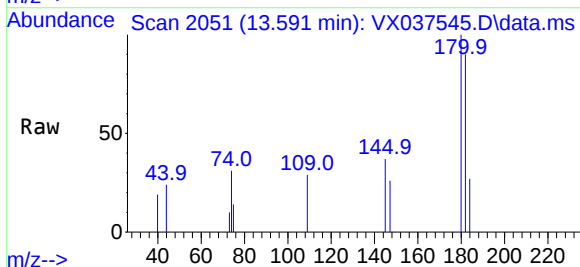
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

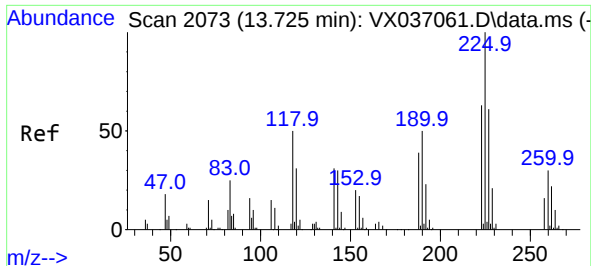
Tgt Ion:	146	Resp:	584
Ion	Ratio	Lower	Upper
146	100		
111	49.1	22.4	67.0
148	52.9	31.6	95.0



#93
1,2,4-Trichlorobenzene
Concen: 0.538 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

Tgt Ion:	180	Resp:	897
Ion	Ratio	Lower	Upper
180	100		
182	110.1	48.3	144.8
145	37.6	18.0	54.0

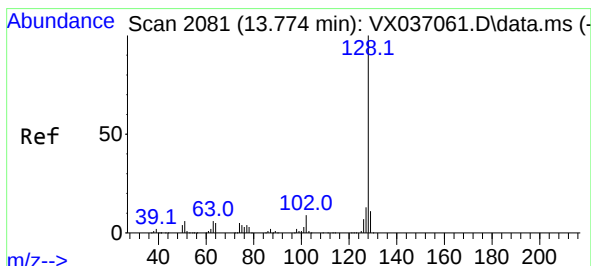
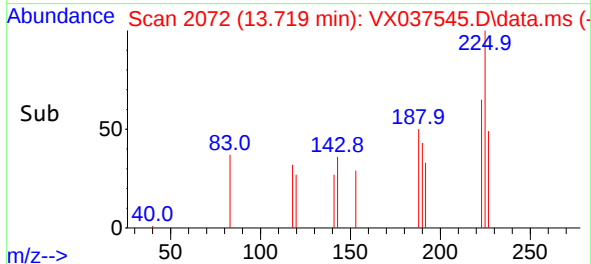
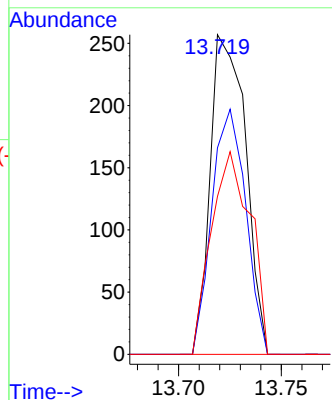
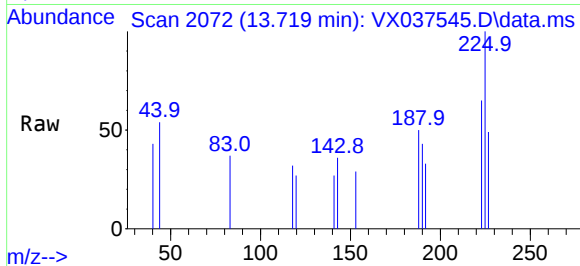




#94
Hexachlorobutadiene
Concen: 0.478 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

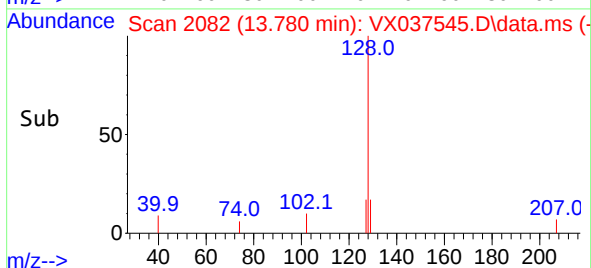
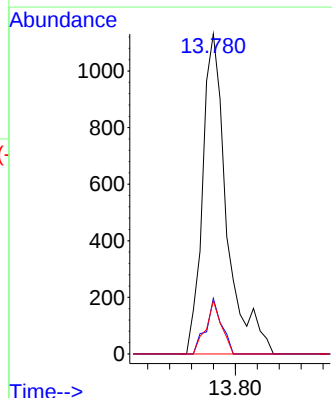
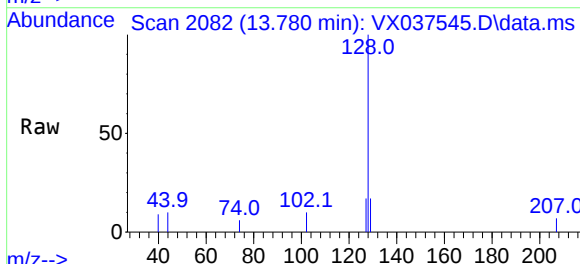
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

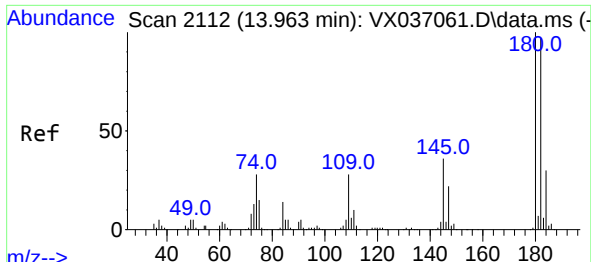
Tgt Ion:	225	Resp:	308
Ion	Ratio	Lower	Upper
225	100		
223	73.4	31.1	93.2
227	70.1	32.5	97.5



#95
Naphthalene
Concen: 0.237 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX037545.D
Acq: 06 Sep 2023 11:08

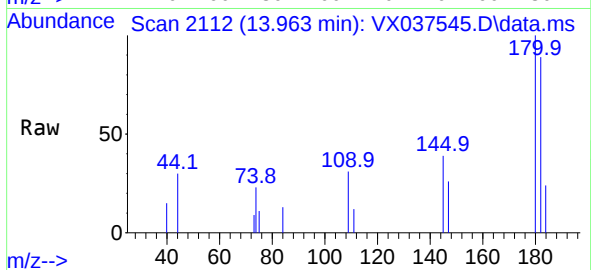
Tgt Ion:	128	Resp:	1728
Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.3	15.5
129	10.7	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.519 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX037545.D
 Acq: 06 Sep 2023 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBL01



Tgt Ion:	180	Resp:	860
Ion	Ratio	Lower	Upper
180	100		
182	104.0	46.9	140.6
145	40.9	17.8	53.5

