

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038208.D
 Acq On : 20 Nov 2024 12:20
 Operator : SY/MD
 Sample : P4882-12DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 01:47:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:41:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	214436	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	224591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	96692	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	74673	4.543	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.526	69	63699	4.791	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.044	65	33962	4.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	3.805	46	200417	60.954	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.900%
24) Chloroform-d	4.240	84	170323	5.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	4.937	65	84499	5.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.000%
32) Benzene-d6	4.950	84	316181	5.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
36) 1,2-Dichloropropane-d6	5.982	67	104036	5.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.400%
41) Toluene-d8	7.239	98	254905	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.558	79	35399	5.331	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.600%
46) 2-Hexanone-d5	8.034	63	174909	67.757	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.520%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	89100	5.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	101585	6.166	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.400%#
Target Compounds						Qvalue
6) Bromomethane	1.484	94	1183	0.153	ug/L	88
9) Trichlorofluoromethane	1.696	101	376878	13.378	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	6166	0.384	ug/L	93
12) 1,1-Dichloroethene	2.056	96	3884	0.254	ug/L #	1
16) Methylene chloride	2.439	84	18428	1.055	ug/L	98
19) 1,1-Dichloroethane	3.101	63	30412	1.038	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	3455	0.207	ug/L	96
29) 1,1,1-Trichloroethane	4.500	97	16274	0.604	ug/L	97
34) Trichloroethene	5.834	95	21806	1.268	ug/L	94
35) Methylcyclohexane	5.979	83	25380	1.043	ug/L #	19
37) 1,2-Dichloropropane	5.979	63	10842	0.686	ug/L #	86
42) Toluene	7.329	91	8006	0.120	ug/L	95
44) trans-1,3-Dichloropropene	7.558	75	1508	0.081	ug/L	94
47) Tetrachloroethene	7.902	164	12789	0.925	ug/L	99
49) Dibromochloromethane	7.902	129	12111	0.867	ug/L #	11
53) m,p-Xylene	9.088	106	2126	0.079	ug/L	94
61) 1,2,3-Trichloropropane	11.181	75	11139	1.346	ug/L #	63

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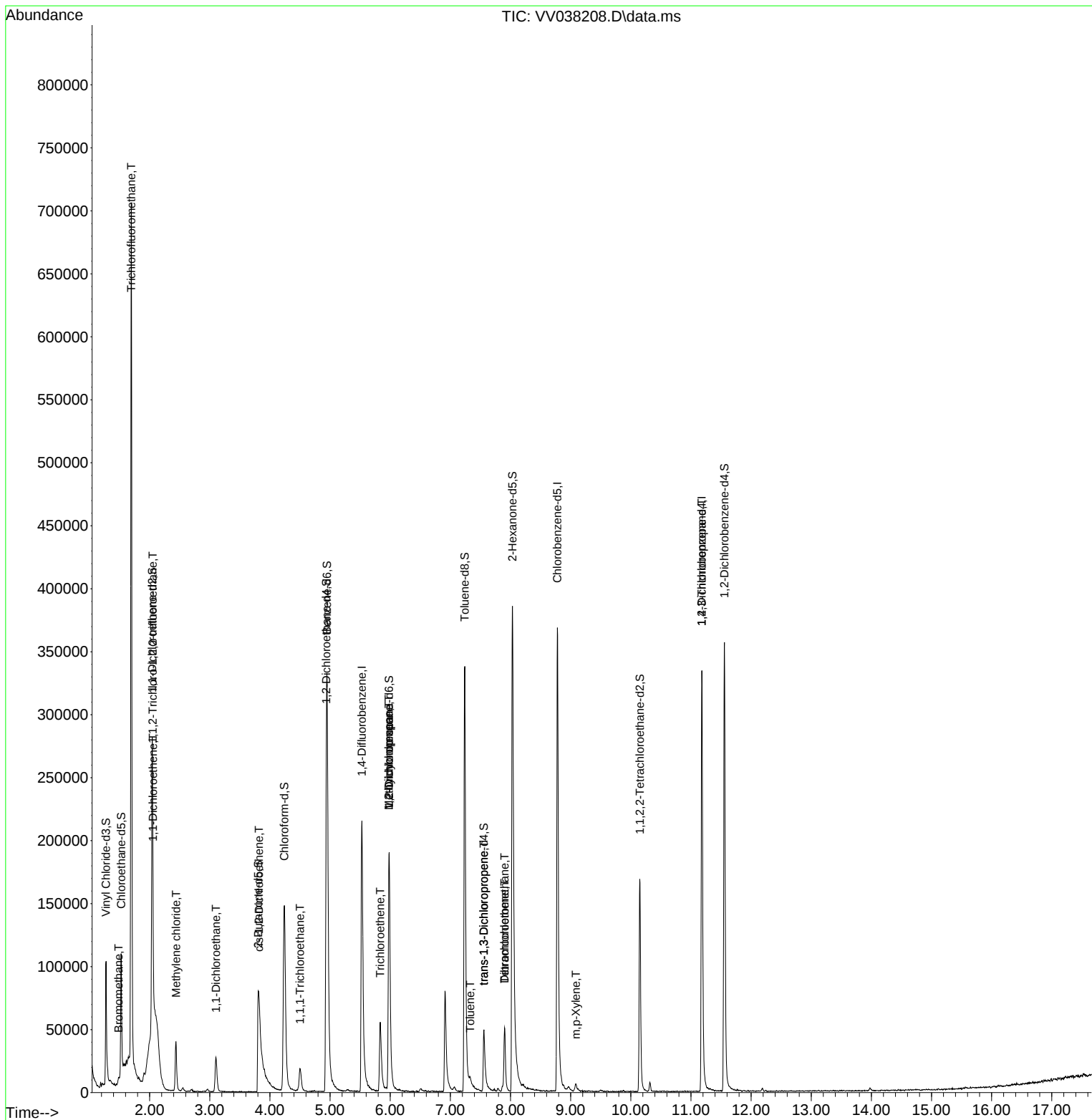
Instrument :
MSVOA_V
ClientSampleId :

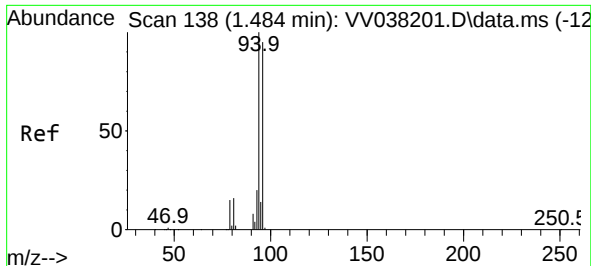
Quant Time: Nov 21 01:47:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 01:41:56 2024
Response via : Initial Calibration

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

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

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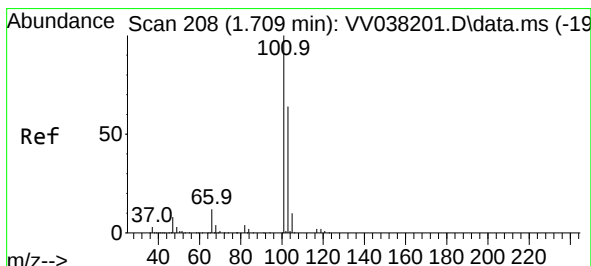
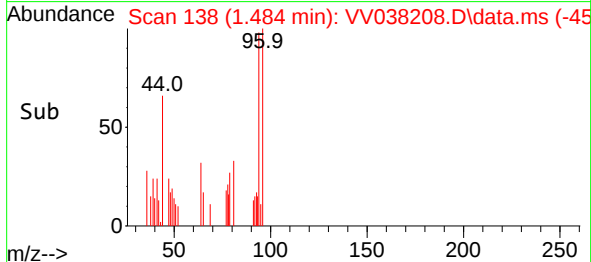
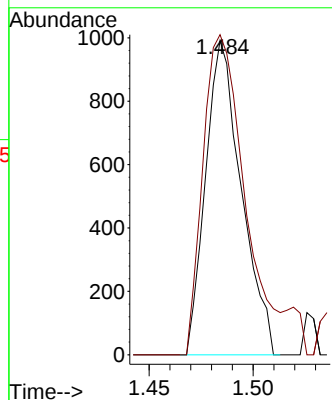
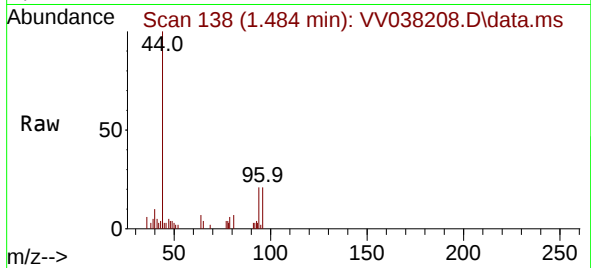




#6
Bromomethane
Concen: 0.153 ug/L
RT: 1.484 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

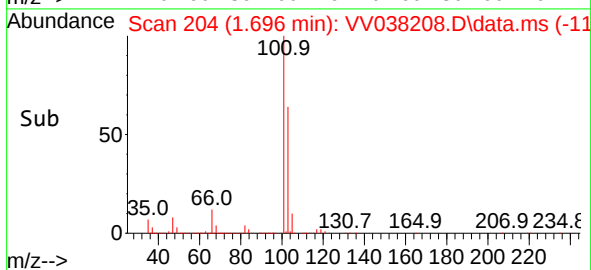
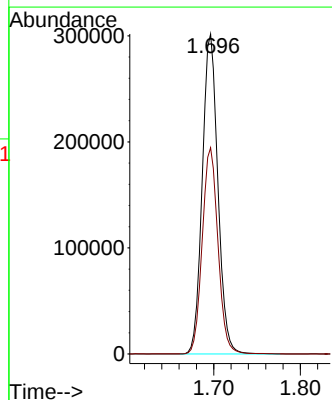
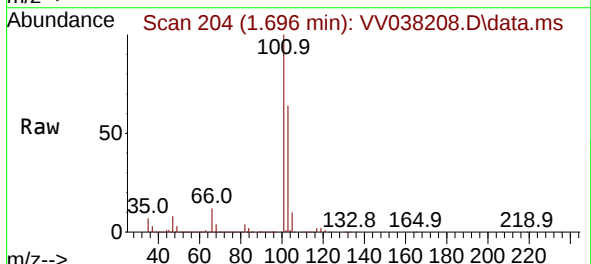
Instrument :
MSVOA_V
ClientSampleId :

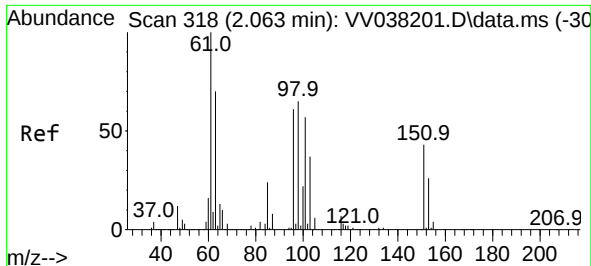
Tgt Ion: 94 Resp: 1183
Ion Ratio Lower Upper
94 100
96 101.9 63.7 118.3



#9
Trichlorofluoromethane
Concen: 13.378 ug/L
RT: 1.696 min Scan# 204
Delta R.T. -0.013 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

Tgt Ion:101 Resp: 376878
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

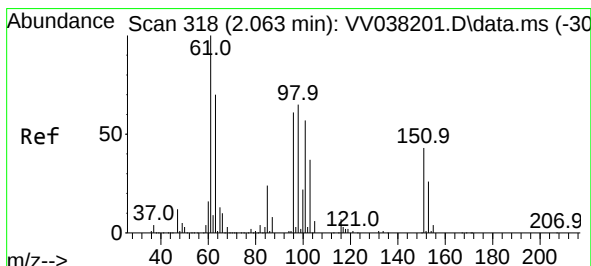
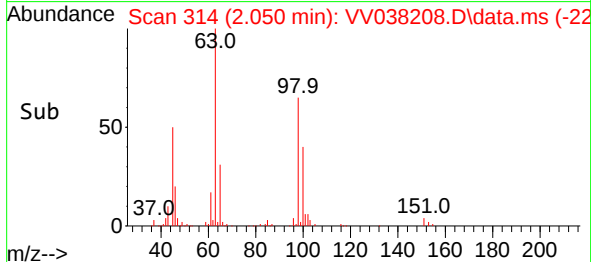
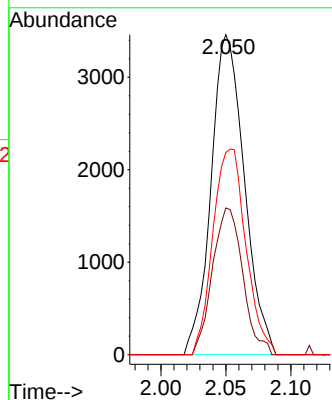
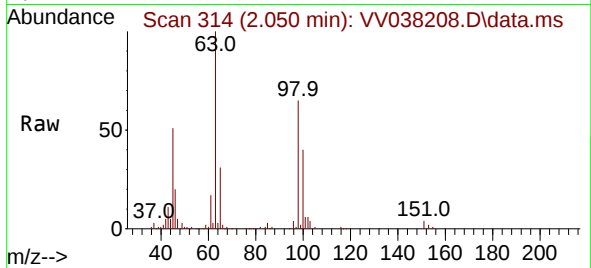




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.384 ug/L
RT: 2.050 min Scan# 314
Delta R.T. -0.013 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

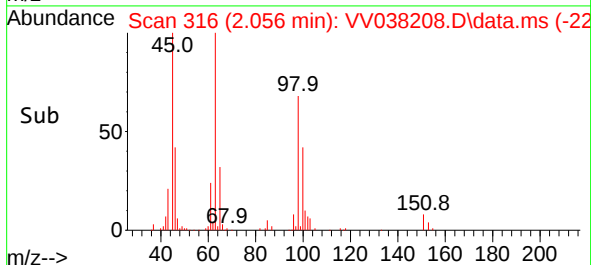
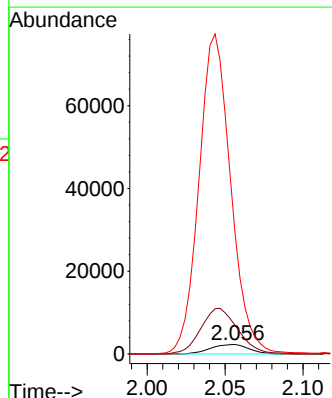
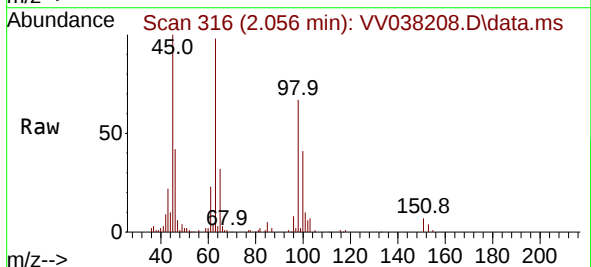
Instrument :
MSVOA_V
ClientSampleId :

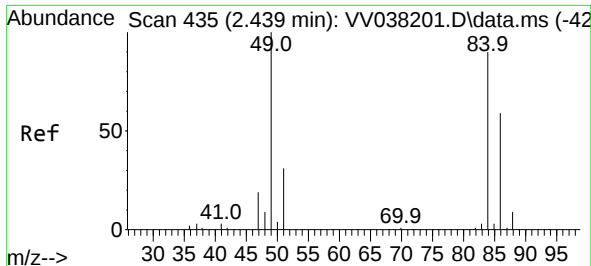
Tgt Ion:101 Resp: 6166
Ion Ratio Lower Upper
101 100
85 41.8 33.4 50.0
151 63.7 58.8 88.2



#12
1,1-Dichloroethene
Concen: 0.254 ug/L
RT: 2.056 min Scan# 316
Delta R.T. -0.006 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

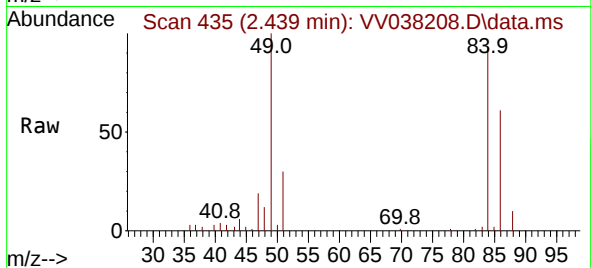
Tgt Ion: 96 Resp: 3884
Ion Ratio Lower Upper
96 100
61 302.1 115.7 214.9#
63 1267.1 101.1 187.7#



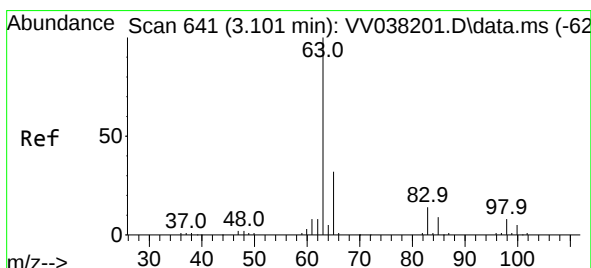
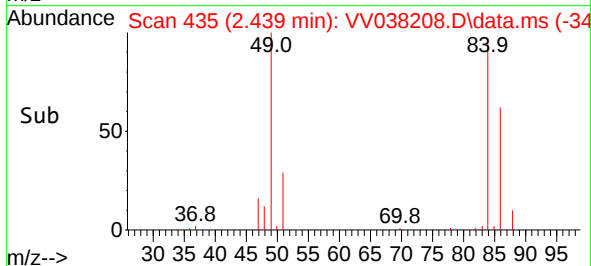
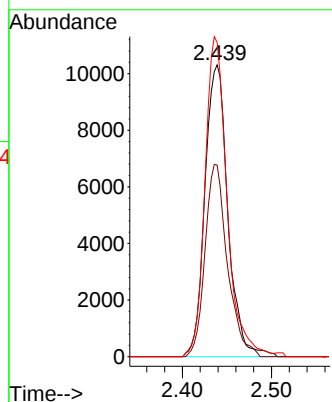


#16
Methylene chloride
Concen: 1.055 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

Instrument :
MSVOA_V
ClientSampleId :

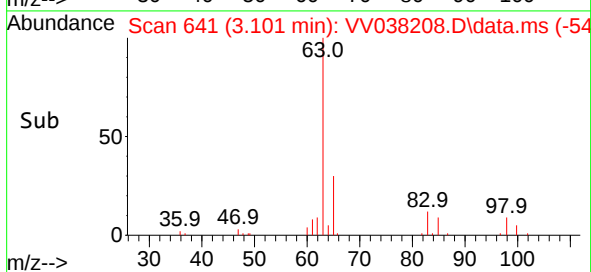
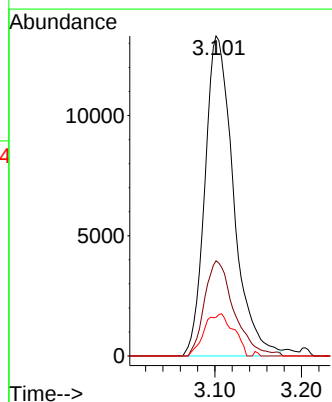
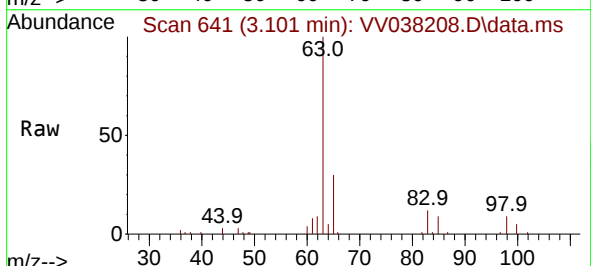


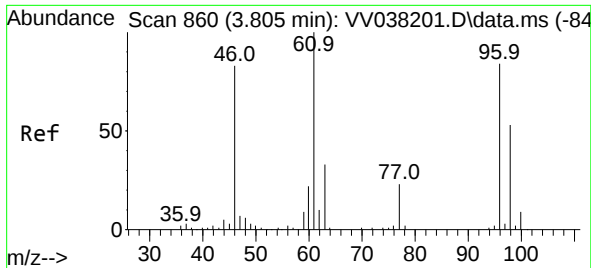
Tgt Ion: 84 Resp: 18428
Ion Ratio Lower Upper
84 100
86 65.6 44.2 82.2
49 107.7 74.9 139.1



#19
1,1-Dichloroethane
Concen: 1.038 ug/L
RT: 3.101 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

Tgt Ion: 63 Resp: 30412
Ion Ratio Lower Upper
63 100
65 31.0 22.5 41.7
83 12.1 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 0.207 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.013 min

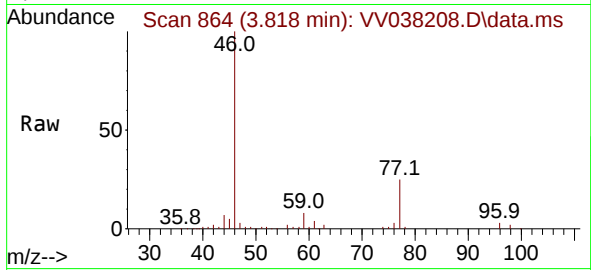
Lab File: VV038208.D

Acq: 20 Nov 2024 12:20

Instrument :

MSVOA_V

ClientSampleId :



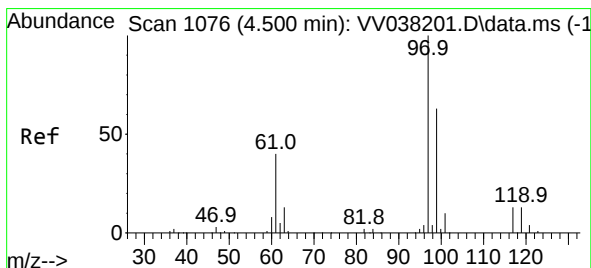
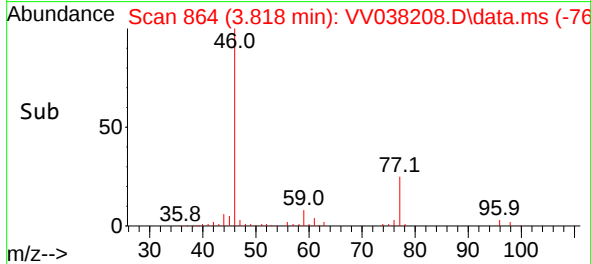
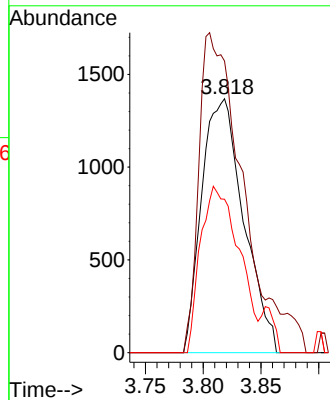
Tgt Ion: 96 Resp: 3455

Ion Ratio Lower Upper

96 100

61 114.8 82.7 153.5

98 60.4 46.3 85.9



#29

1,1,1-Trichloroethane

Concen: 0.604 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038208.D

Acq: 20 Nov 2024 12:20

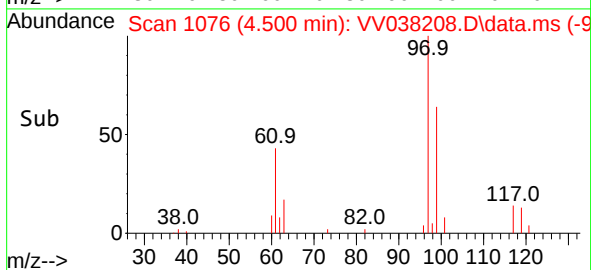
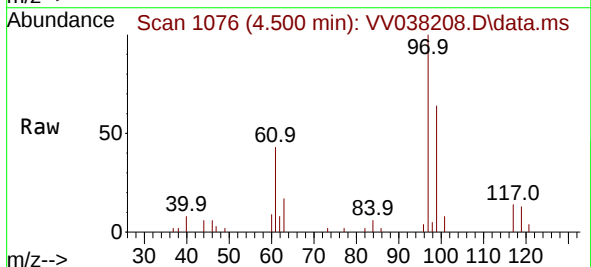
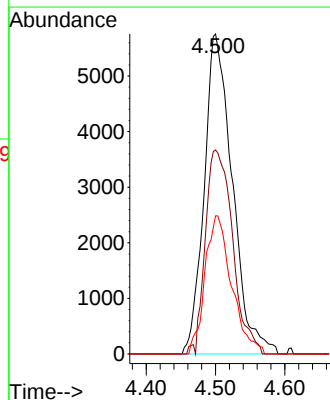
Tgt Ion: 97 Resp: 16274

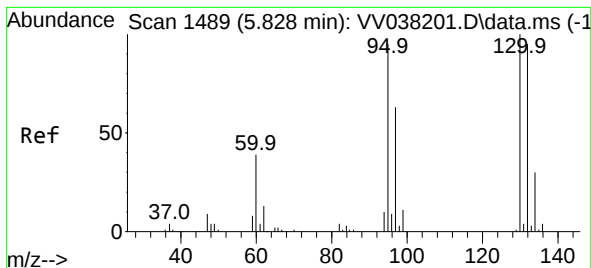
Ion Ratio Lower Upper

97 100

99 61.5 51.8 77.8

61 40.7 32.2 48.2





#34

Trichloroethene

Concen: 1.268 ug/L

RT: 5.834 min Scan# 14

Delta R.T. 0.006 min

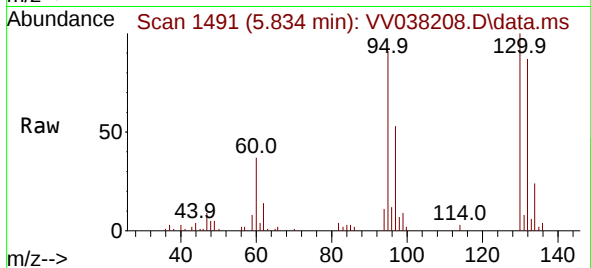
Lab File: VV038208.D

Acq: 20 Nov 2024 12:20

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 21806

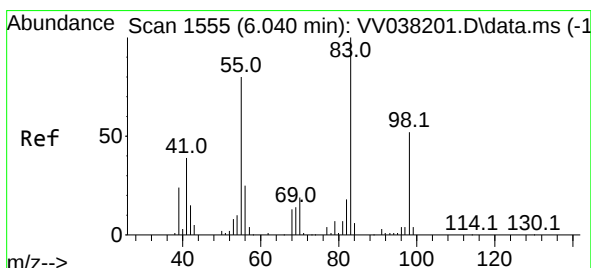
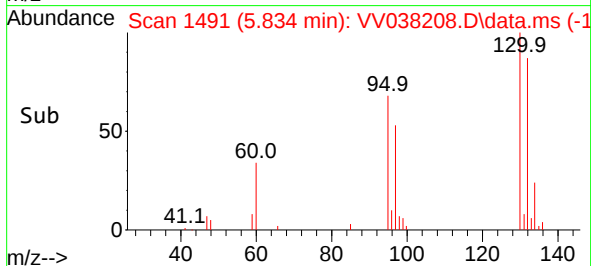
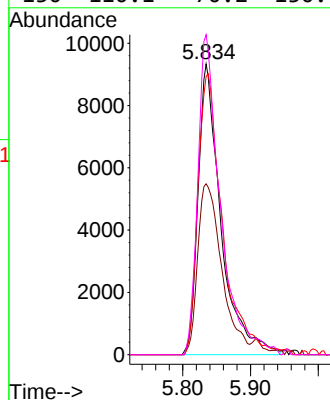
Ion Ratio Lower Upper

95 100

97 58.8 44.8 83.2

132 95.7 68.3 126.8

130 110.1 70.2 130.4



#35

Methylcyclohexane

Concen: 1.043 ug/L

RT: 5.979 min Scan# 1536

Delta R.T. -0.061 min

Lab File: VV038208.D

Acq: 20 Nov 2024 12:20

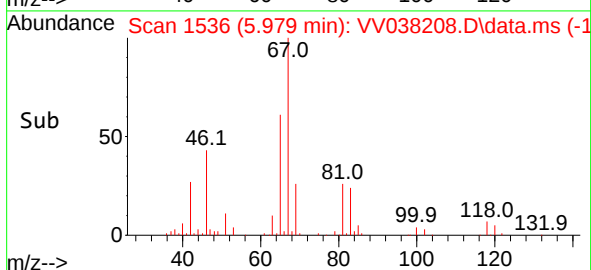
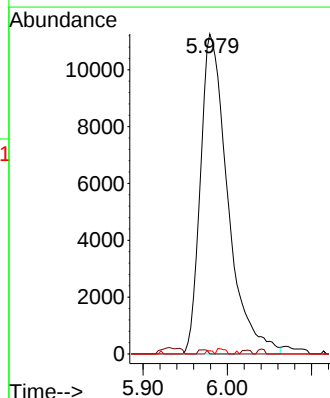
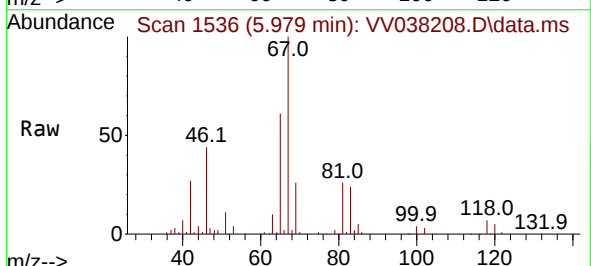
Tgt Ion: 83 Resp: 25380

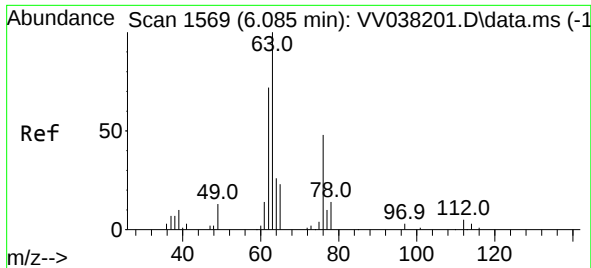
Ion Ratio Lower Upper

83 100

55 0.4 59.7 89.5#

98 0.2 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.686 ug/L

RT: 5.979 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV038208.D

Acq: 20 Nov 2024 12:20

Instrument :

MSVOA_V

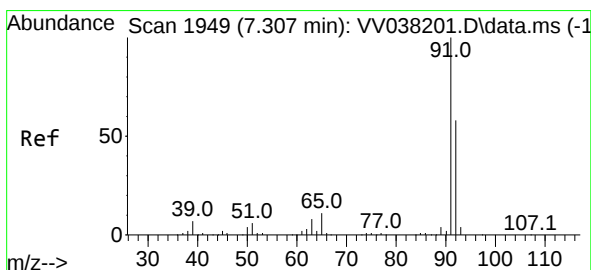
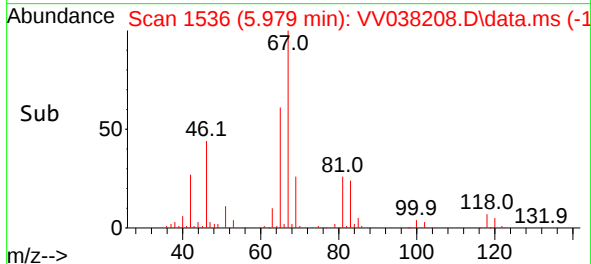
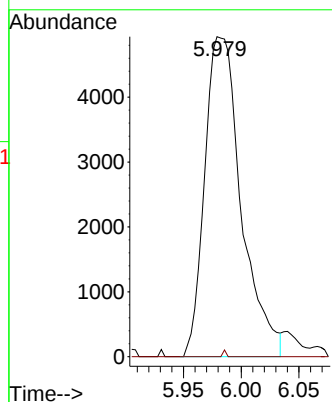
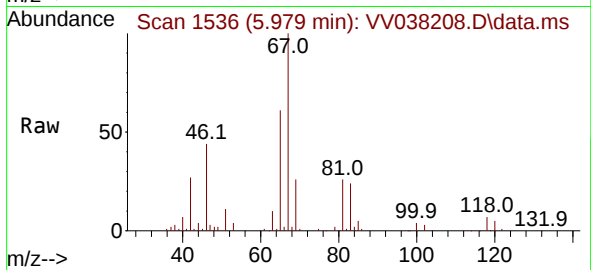
ClientSampleId :

Tgt Ion: 63 Resp: 10842

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#



#42

Toluene

Concen: 0.120 ug/L

RT: 7.329 min Scan# 1956

Delta R.T. 0.022 min

Lab File: VV038208.D

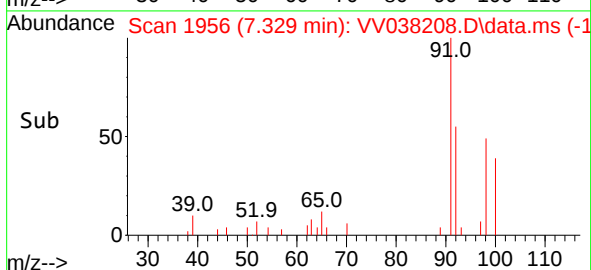
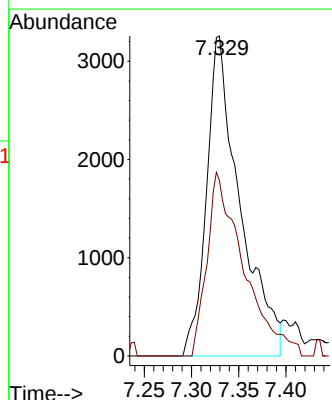
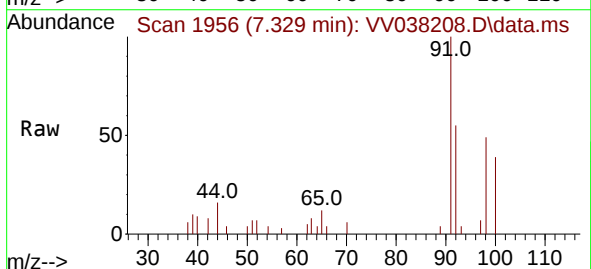
Acq: 20 Nov 2024 12:20

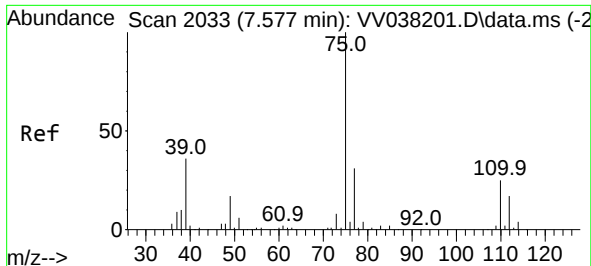
Tgt Ion: 91 Resp: 8006

Ion Ratio Lower Upper

91 100

92 54.9 40.8 75.8

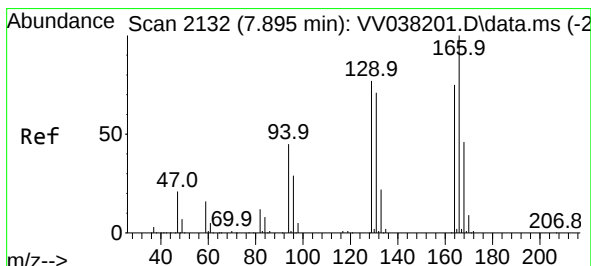
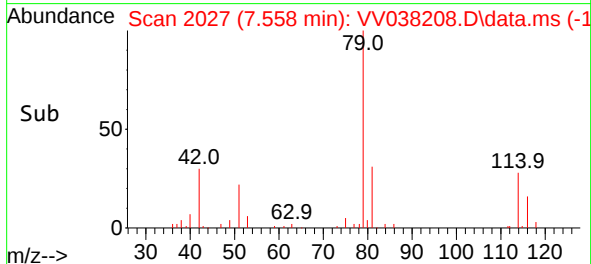
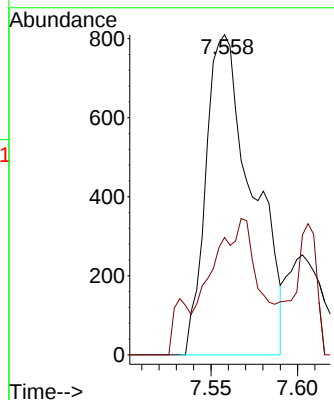
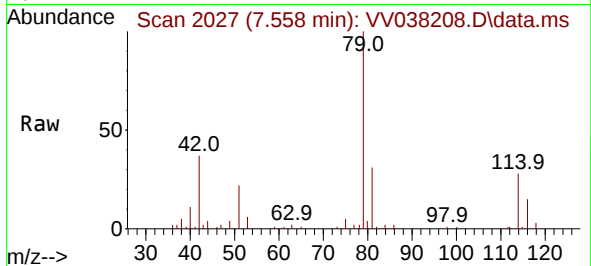




#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.558 min Scan# 2033
Delta R.T. -0.019 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

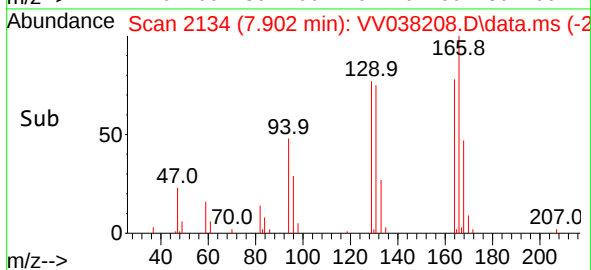
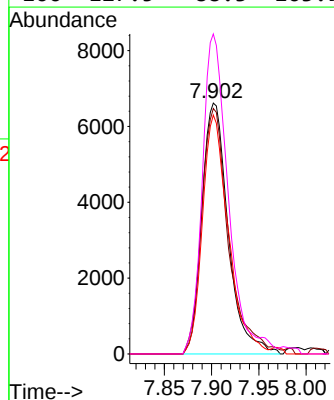
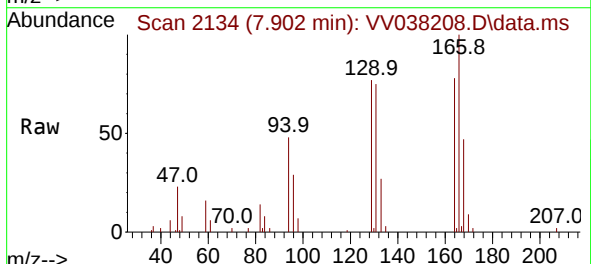
Instrument :
MSVOA_V
ClientSampleId :

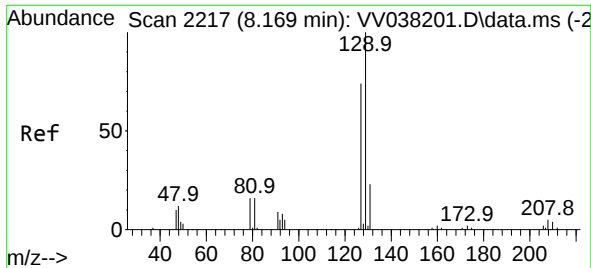
Tgt Ion: 75 Resp: 1508
Ion Ratio Lower Upper
75 100
77 36.7 23.4 43.4



#47
Tetrachloroethene
Concen: 0.925 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

Tgt Ion: 164 Resp: 12789
Ion Ratio Lower Upper
164 100
129 97.8 68.5 127.1
131 95.2 64.8 120.4
166 127.5 88.3 163.9

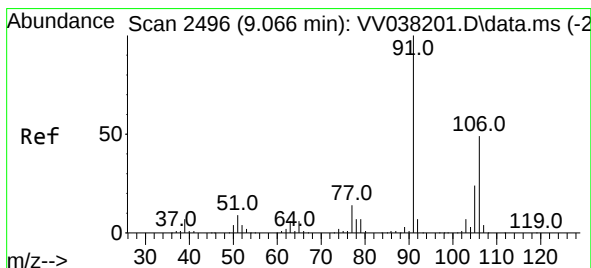
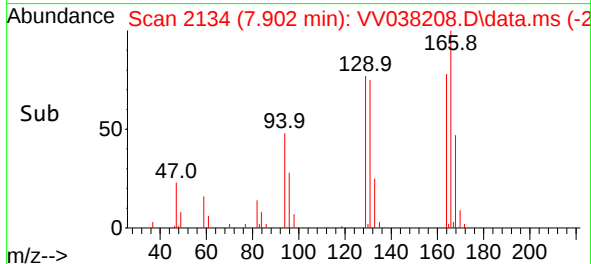
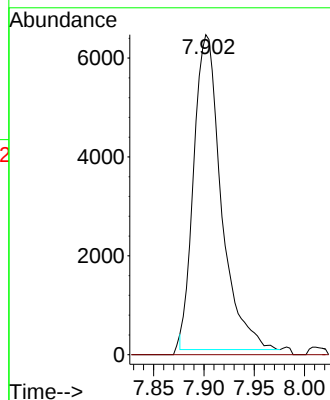
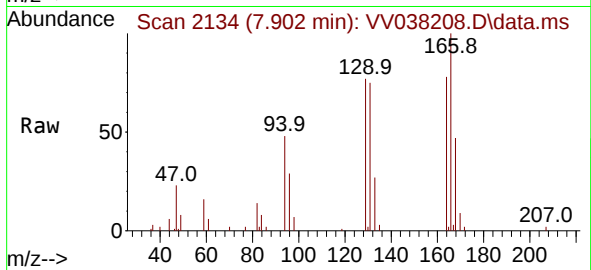




#49
Dibromochloromethane
Concen: 0.867 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.267 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

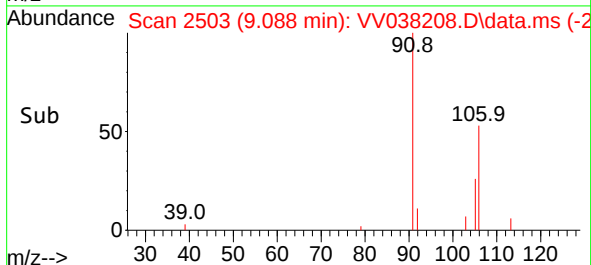
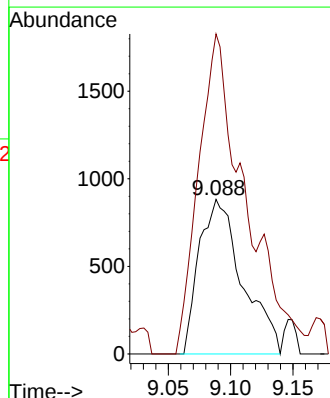
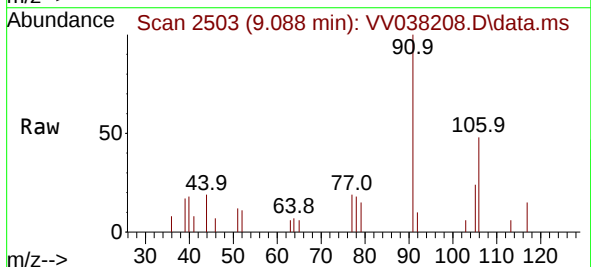
Instrument :
MSVOA_V
ClientSampleId :

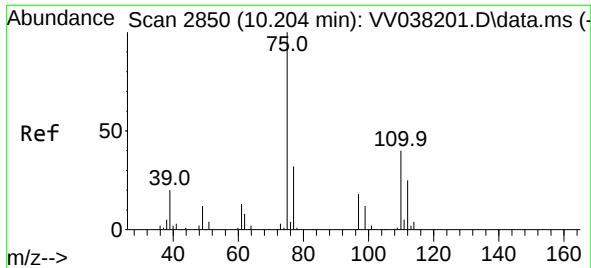
Tgt Ion:129 Resp: 12111
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#53
m,p-Xylene
Concen: 0.079 ug/L
RT: 9.088 min Scan# 2503
Delta R.T. 0.023 min
Lab File: VV038208.D
Acq: 20 Nov 2024 12:20

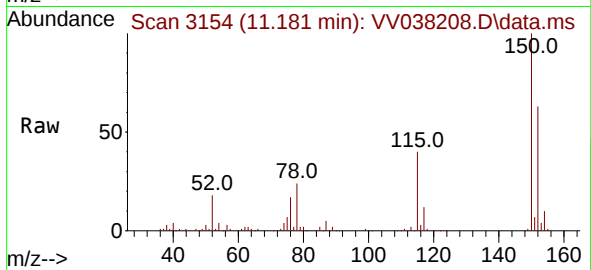
Tgt Ion:106 Resp: 2126
Ion Ratio Lower Upper
106 100
91 207.1 138.7 257.5





#61
 1,2,3-Trichloropropane
 Concen: 1.346 ug/L
 RT: 11.181 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV038208.D
 Acq: 20 Nov 2024 12:20

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 11139
 Ion Ratio Lower Upper
 75 100
 77 35.9 26.4 39.6
 110 1.6 32.3 48.5#

