

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038224.D
 Acq On : 20 Nov 2024 18:46
 Operator : SY/MD
 Sample : P4883-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 01:53:27 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	255934	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	278542	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	122379	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	74813	3.814	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.529	69	69947	4.408	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.053	65	35200	4.170	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.793	46	185020	47.147	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.300%
24) Chloroform-d	4.243	84	169494	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.937	65	83611	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	4.954	84	298881	4.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	5.982	67	99566	4.495	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.240	98	238345	3.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	7.558	79	32216	3.912	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.021	63	162945	50.896	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.800%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	84537	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.555	152	103591	4.968	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	6135	0.320	ug/L	88
13) Acetone	1.934	43	967306	333.280	ug/L	41
16) Methylene chloride	2.442	84	19923	0.956	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	2907	0.146	ug/L	91
27) 1,2-Dichloroethane	5.060	62	2729	0.134	ug/L #	72
29) 1,1,1-Trichloroethane	4.507	97	41405	1.239	ug/L	98
31) Carbon tetrachloride	4.503	117	5073	0.172	ug/L	100
34) Trichloroethene	5.835	95	26657	1.250	ug/L	97
35) Methylcyclohexane	5.982	83	25736	0.853	ug/L #	19
37) 1,2-Dichloropropane	5.986	63	10745	0.548	ug/L #	87
42) Toluene	7.320	91	25007	0.302	ug/L	94
47) Tetrachloroethene	7.899	164	48556	2.833	ug/L	97
49) Dibromochloromethane	7.899	129	45764	2.641	ug/L #	11
51) Chlorobenzene	8.815	112	13638	0.239	ug/L	99
52) Ethylbenzene	8.953	91	8376	0.095	ug/L	98
53) m,p-Xylene	9.076	106	5613	0.169	ug/L	89
61) 1,2,3-Trichloropropane	11.182	75	15067	1.438	ug/L #	64
67) 1,2-Dichlorobenzene	11.571	146	6430	0.184	ug/L #	91

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 01:41:56 2024
Response via : Initial Calibration

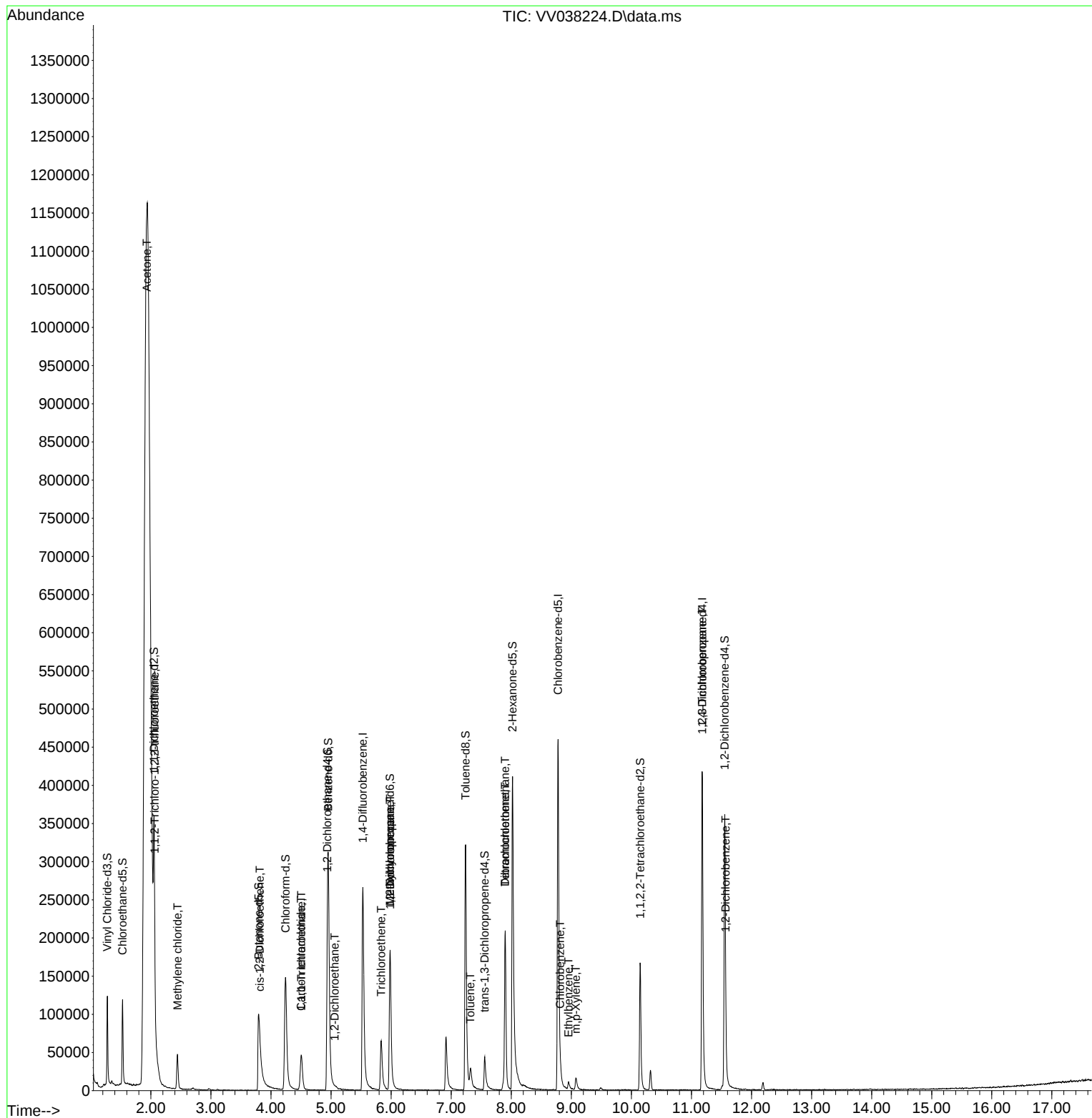
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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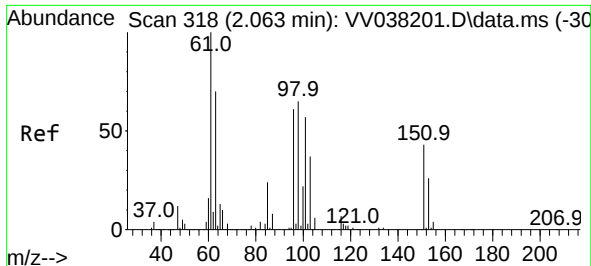
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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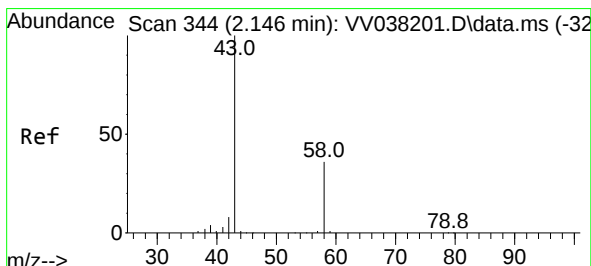
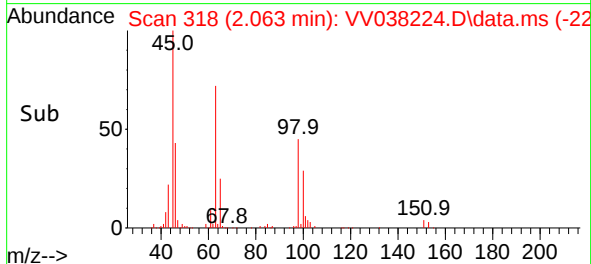
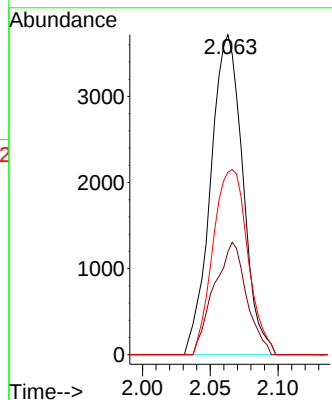
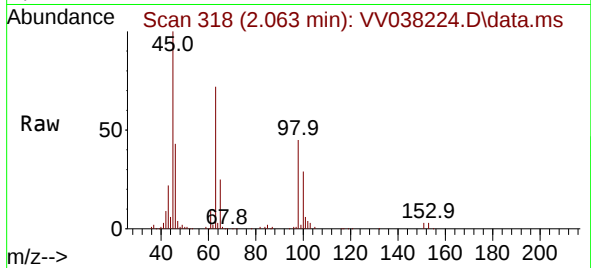




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.320 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038224.D
Acq: 20 Nov 2024 18:46

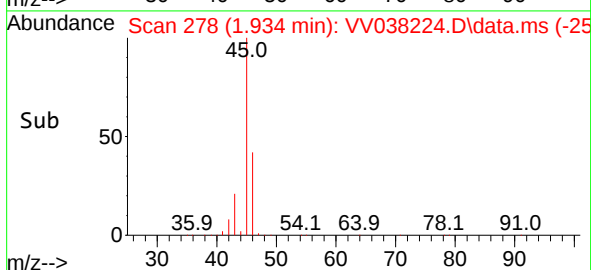
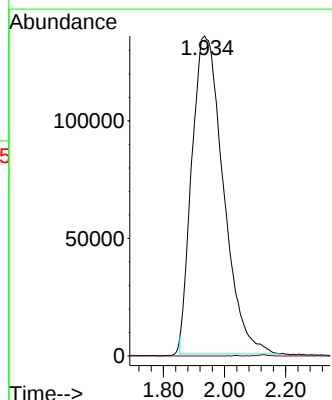
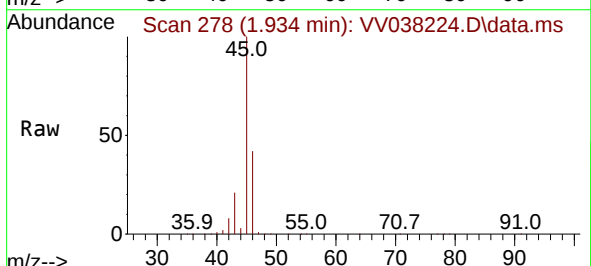
Instrument :
MSVOA_V
ClientSampleId :

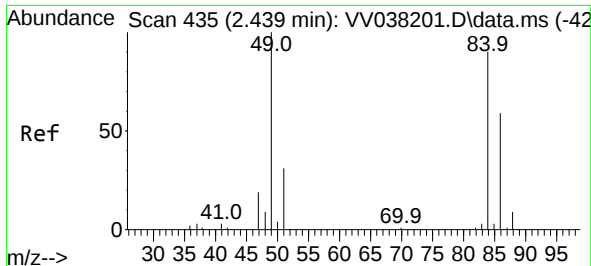
Tgt Ion:101 Resp: 6135
Ion Ratio Lower Upper
101 100
85 35.5 33.4 50.0
151 62.5 58.8 88.2



#13
Acetone
Concen: 333.280 ug/L
RT: 1.934 min Scan# 278
Delta R.T. -0.212 min
Lab File: VV038224.D
Acq: 20 Nov 2024 18:46

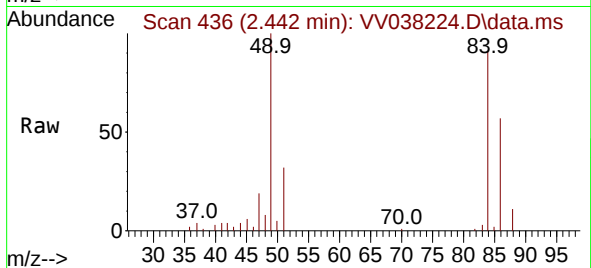
Tgt Ion: 43 Resp: 967306
Ion Ratio Lower Upper
43 100
58 0.0 0.0 67.2





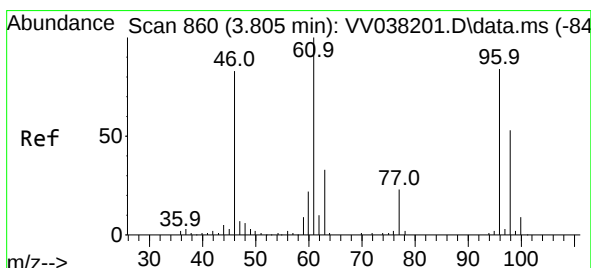
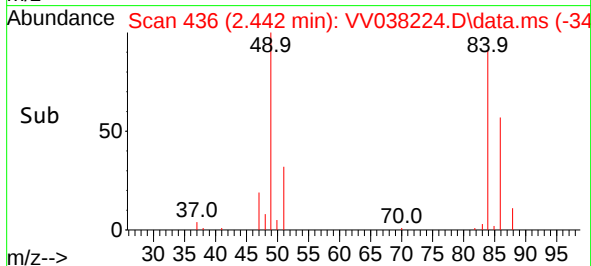
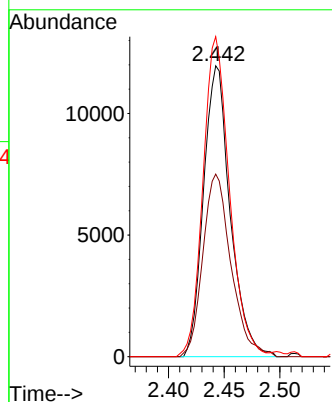
#16
Methylene chloride
Concen: 0.956 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038224.D
Acq: 20 Nov 2024 18:46

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 19923

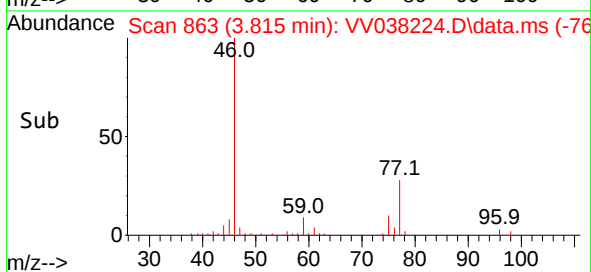
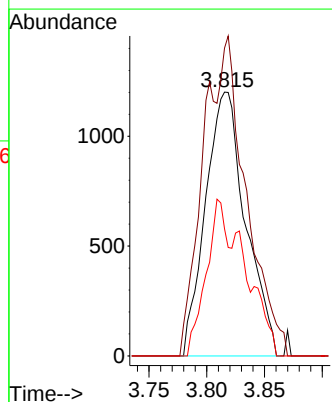
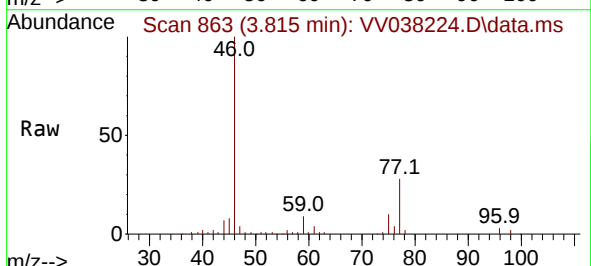
Ion	Ratio	Lower	Upper
84	100		
86	62.8	44.2	82.2
49	110.0	74.9	139.1

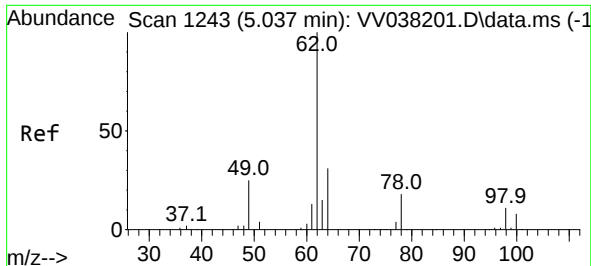


#22
cis-1,2-Dichloroethene
Concen: 0.146 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.010 min
Lab File: VV038224.D
Acq: 20 Nov 2024 18:46

Tgt Ion: 96 Resp: 2907

Ion	Ratio	Lower	Upper
96	100		
61	116.7	82.7	153.5
98	48.2	46.3	85.9

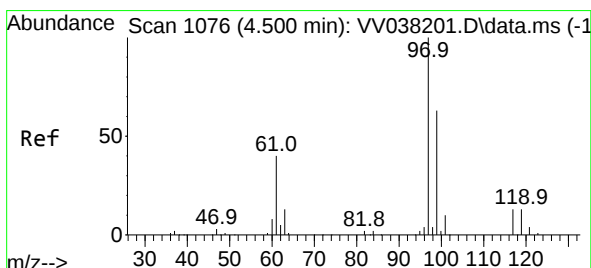
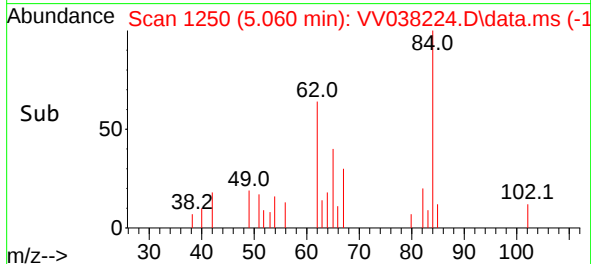
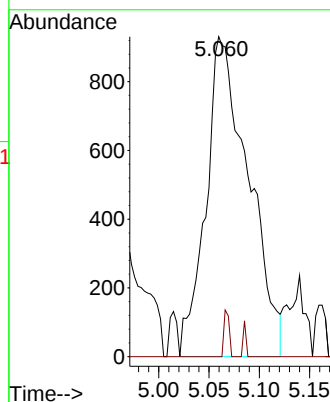
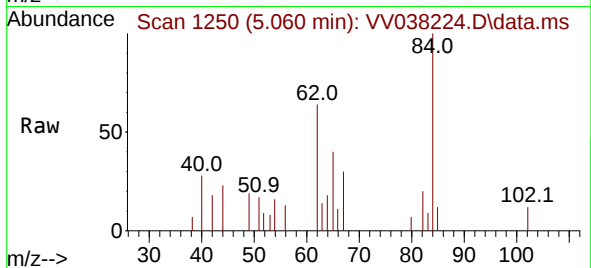




#27
1,2-Dichloroethane
Concen: 0.134 ug/L
RT: 5.060 min Scan# 11
Delta R.T. 0.023 min
Lab File: VV038224.D
Acq: 20 Nov 2024 18:46

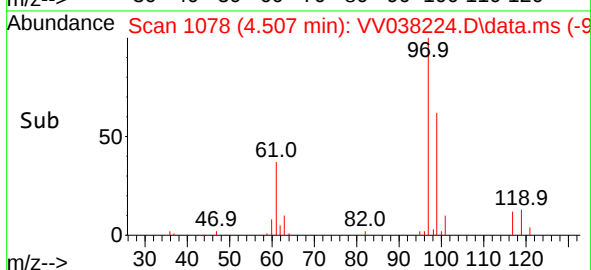
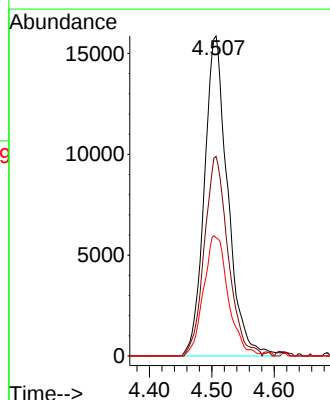
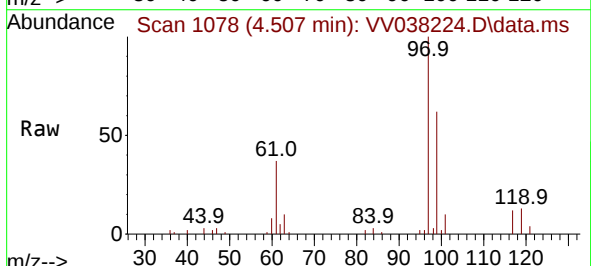
Instrument :
MSVOA_V
ClientSampleId :

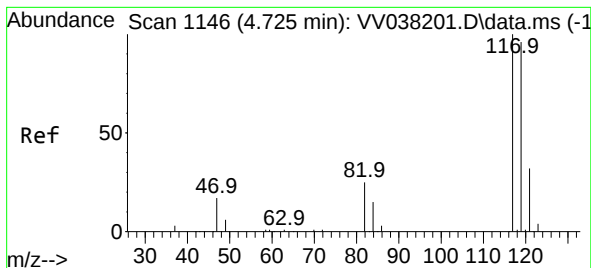
Tgt Ion: 62 Resp: 2729
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#29
1,1,1-Trichloroethane
Concen: 1.239 ug/L
RT: 4.507 min Scan# 1078
Delta R.T. 0.007 min
Lab File: VV038224.D
Acq: 20 Nov 2024 18:46

Tgt Ion: 97 Resp: 41405
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.8
61 39.5 32.2 48.2





#31

Carbon tetrachloride

Concen: 0.172 ug/L

RT: 4.503 min Scan# 1146

Delta R.T. -0.222 min

Lab File: VV038224.D

Acq: 20 Nov 2024 18:46

Instrument :

MSVOA_V

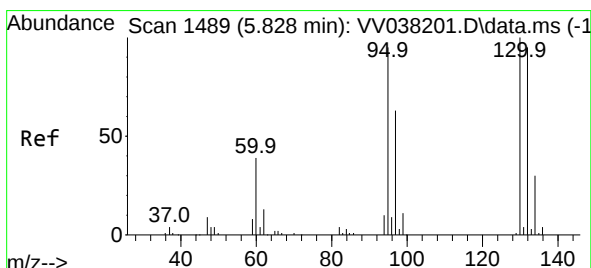
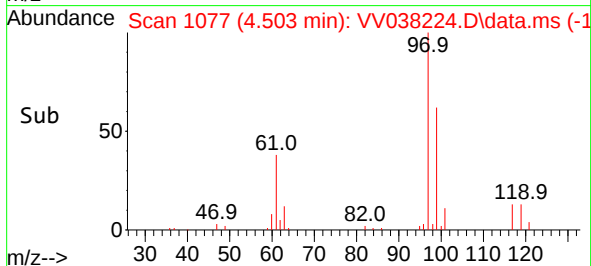
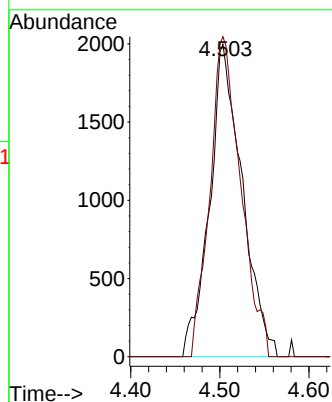
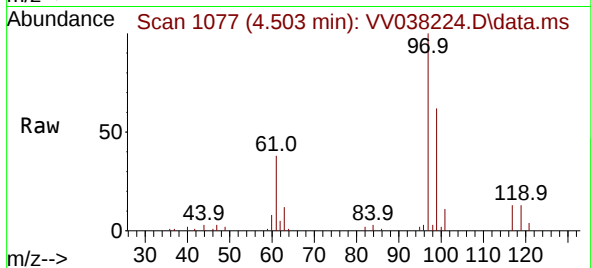
ClientSampleId :

Tgt Ion:117 Resp: 5073

Ion Ratio Lower Upper

117 100

119 97.0 77.4 116.2



#34

Trichloroethene

Concen: 1.250 ug/L

RT: 5.835 min Scan# 1491

Delta R.T. 0.007 min

Lab File: VV038224.D

Acq: 20 Nov 2024 18:46

Tgt Ion: 95 Resp: 26657

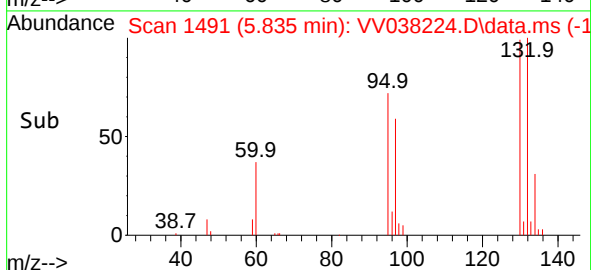
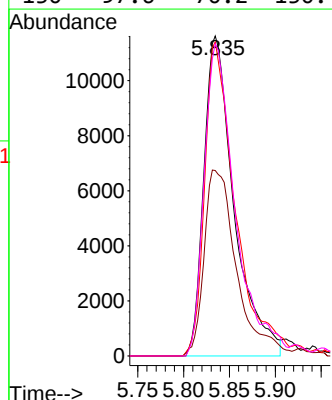
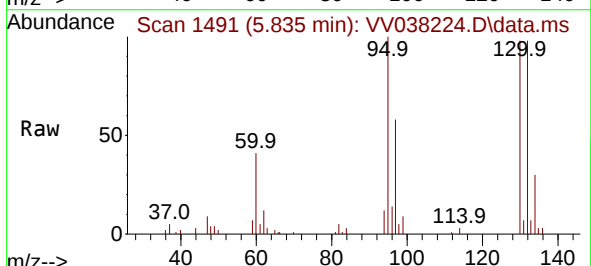
Ion Ratio Lower Upper

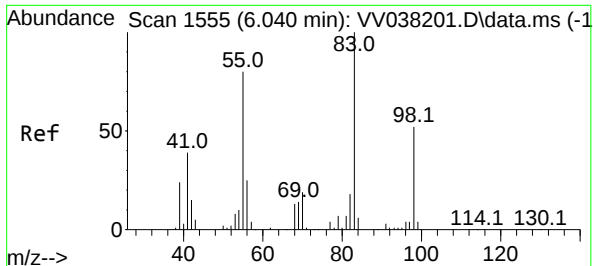
95 100

97 58.0 44.8 83.2

132 98.1 68.3 126.8

130 97.6 70.2 130.4

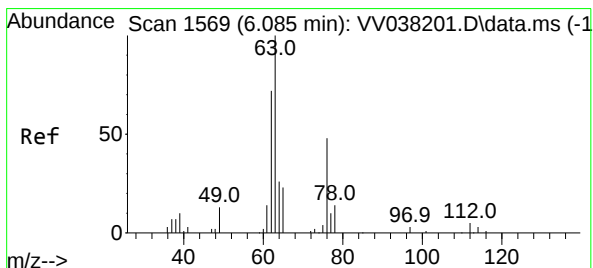
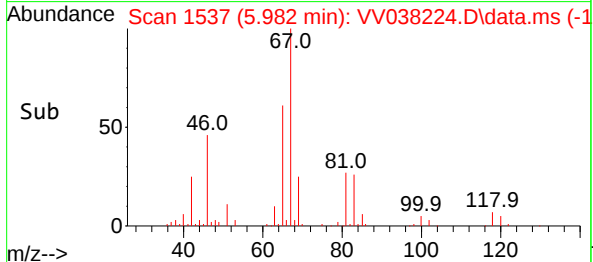
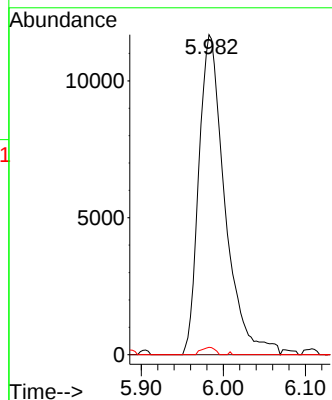
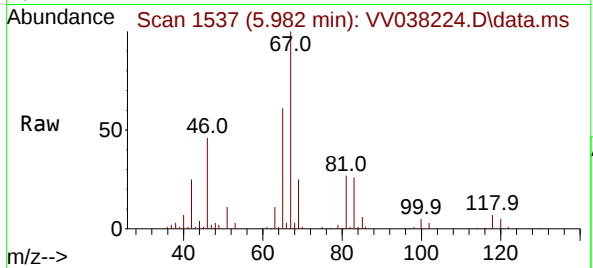




#35
Methylcyclohexane
Concen: 0.853 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038224.D
Acq: 20 Nov 2024 18:46

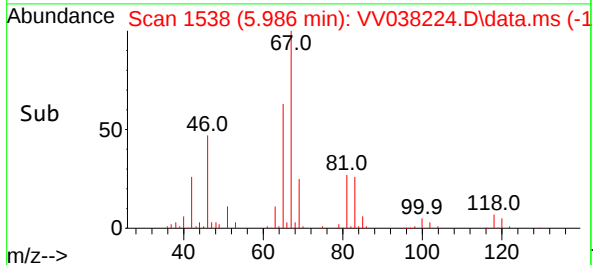
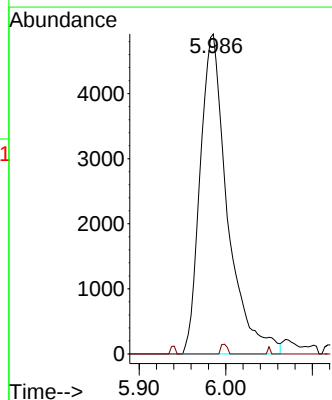
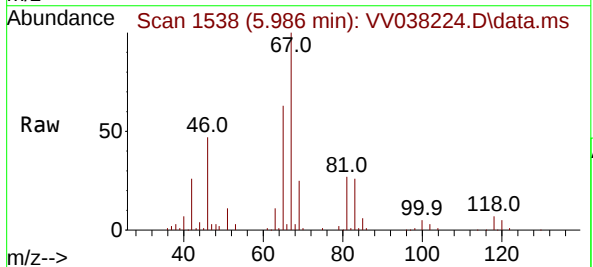
Instrument :
MSVOA_V
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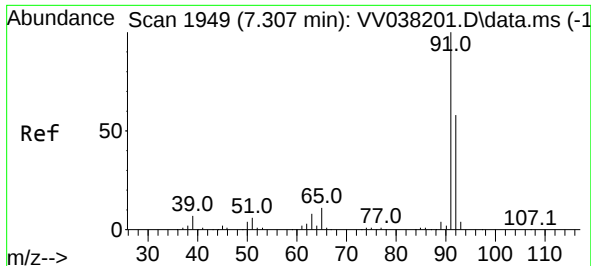
Tgt Ion: 83 Resp: 25736
Ion Ratio Lower Upper
83 100
55 0.0 59.7 89.5#
98 1.2 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.548 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.100 min
Lab File: VV038224.D
Acq: 20 Nov 2024 18:46

Tgt Ion: 63 Resp: 10745
Ion Ratio Lower Upper
63 100
112 0.7 3.9 5.9#





#42

Toluene

Concen: 0.302 ug/L

RT: 7.320 min Scan# 1949

Delta R.T. 0.013 min

Lab File: VV038224.D

Acq: 20 Nov 2024 18:46

Instrument :

MSVOA_V

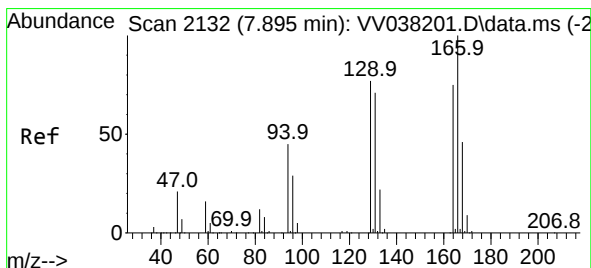
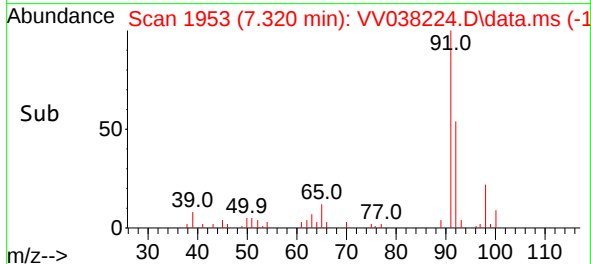
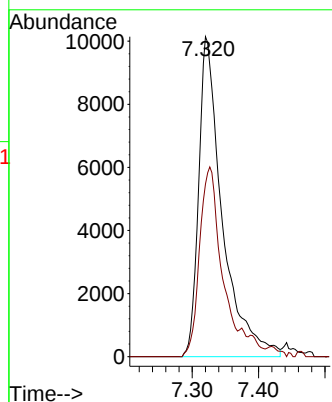
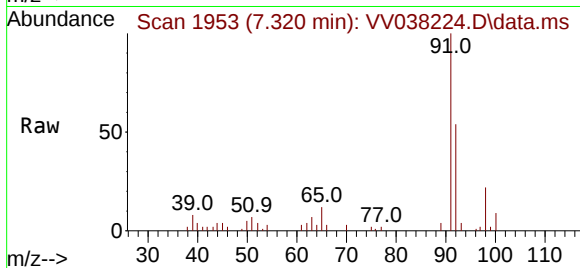
ClientSampleId :

Tgt Ion: 91 Resp: 25007

Ion Ratio Lower Upper

91 100

92 54.0 40.8 75.8



#47

Tetrachloroethene

Concen: 2.833 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038224.D

Acq: 20 Nov 2024 18:46

Tgt Ion: 164 Resp: 48556

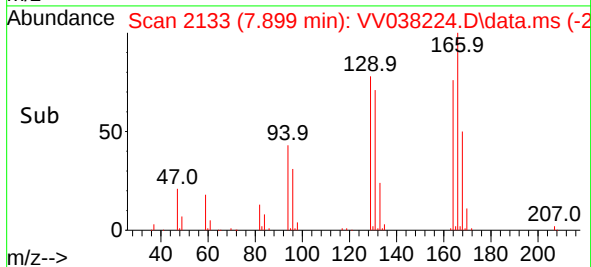
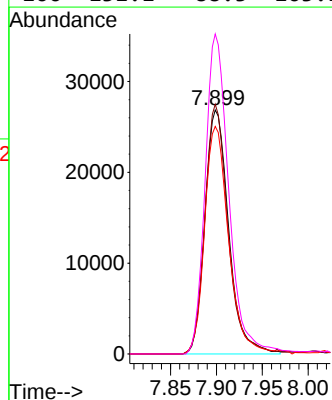
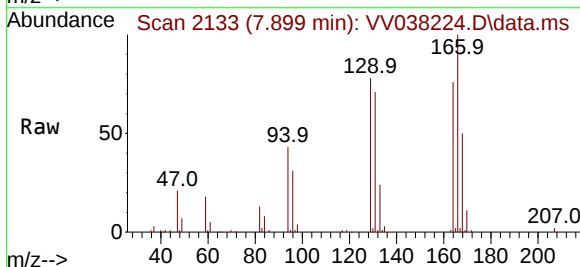
Ion Ratio Lower Upper

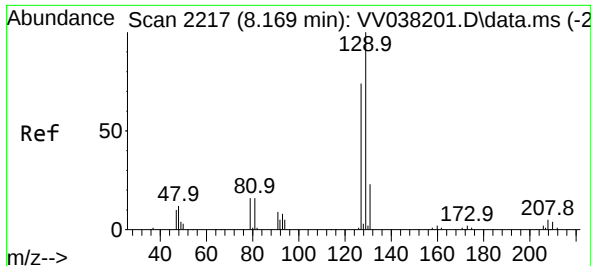
164 100

129 102.4 68.5 127.1

131 93.2 64.8 120.4

166 131.1 88.3 163.9





#49

Dibromochloromethane

Concen: 2.641 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.270 min

Lab File: VV038224.D

Acq: 20 Nov 2024 18:46

Instrument :

MSVOA_V

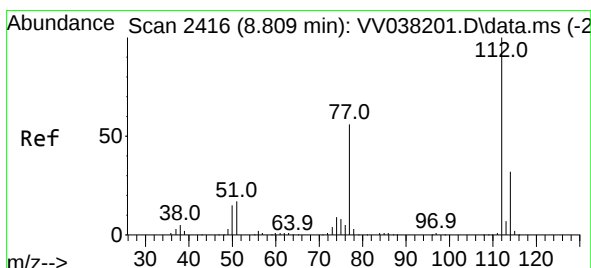
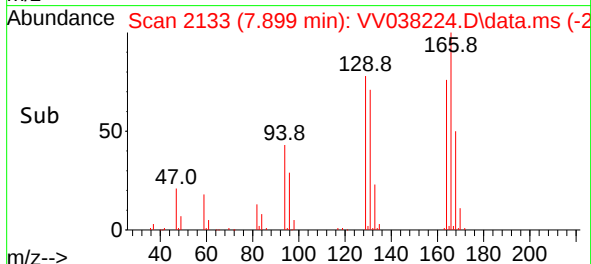
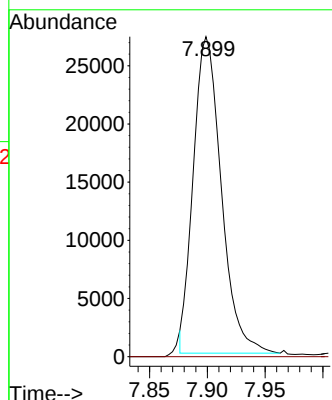
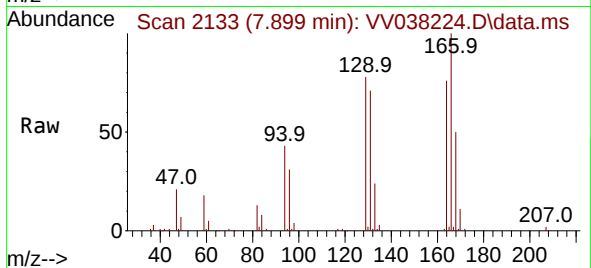
ClientSampleId :

Tgt Ion:129 Resp: 45764

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#51

Chlorobenzene

Concen: 0.239 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.007 min

Lab File: VV038224.D

Acq: 20 Nov 2024 18:46

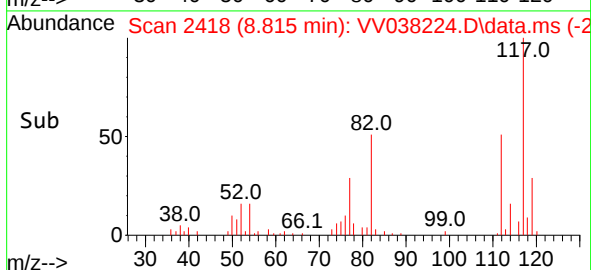
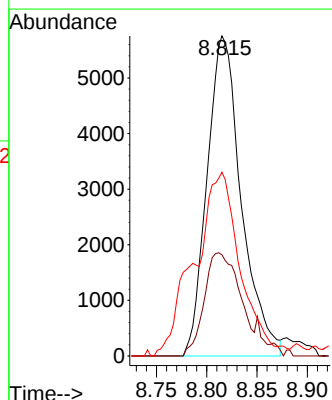
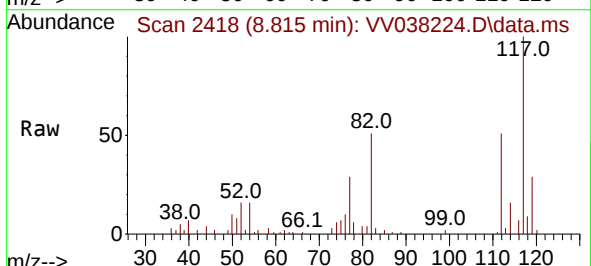
Tgt Ion:112 Resp: 13638

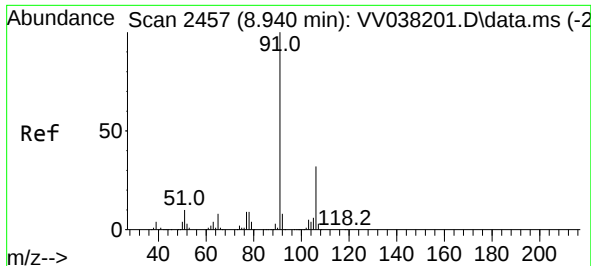
Ion Ratio Lower Upper

112 100

114 31.6 22.0 40.8

77 57.4 45.0 67.4





#52

Ethylbenzene

Concen: 0.095 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.013 min

Lab File: VV038224.D

Acq: 20 Nov 2024 18:46

Instrument :

MSVOA_V

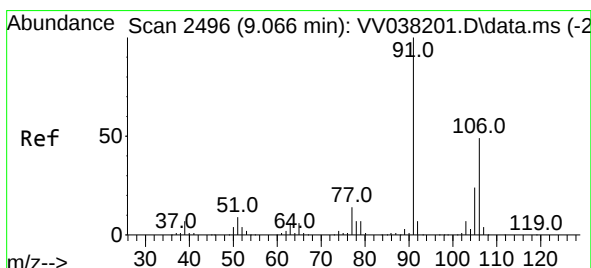
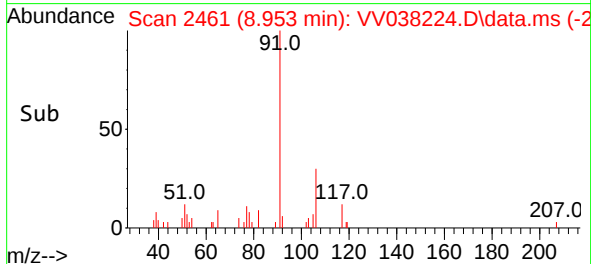
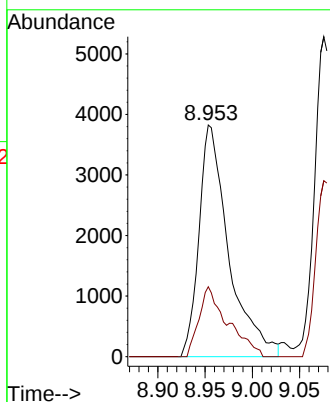
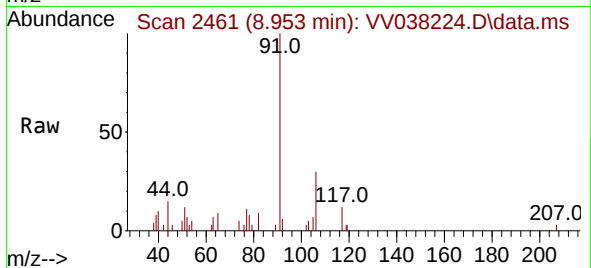
ClientSampleId :

Tgt Ion: 91 Resp: 8376

Ion Ratio Lower Upper

91 100

106 30.2 21.8 40.4



#53

m,p-Xylene

Concen: 0.169 ug/L

RT: 9.076 min Scan# 2499

Delta R.T. 0.010 min

Lab File: VV038224.D

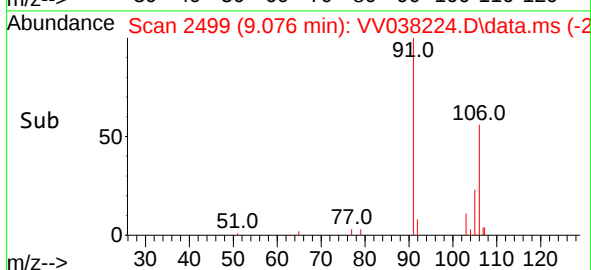
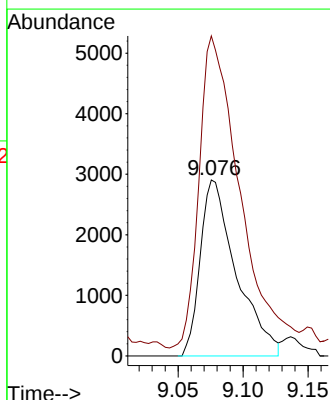
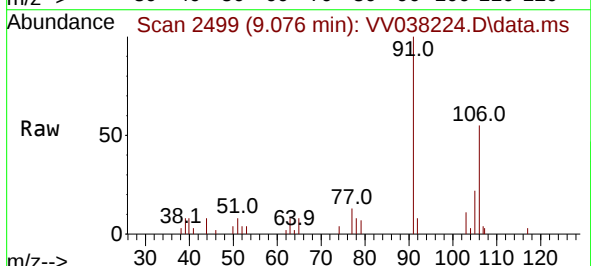
Acq: 20 Nov 2024 18:46

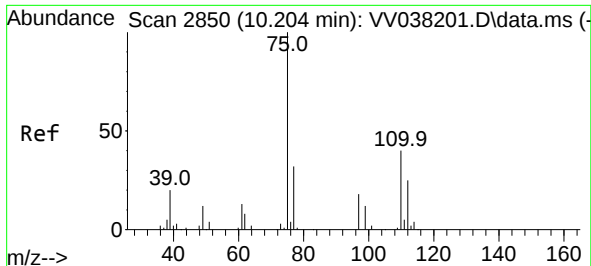
Tgt Ion: 106 Resp: 5613

Ion Ratio Lower Upper

106 100

91 181.8 138.7 257.5

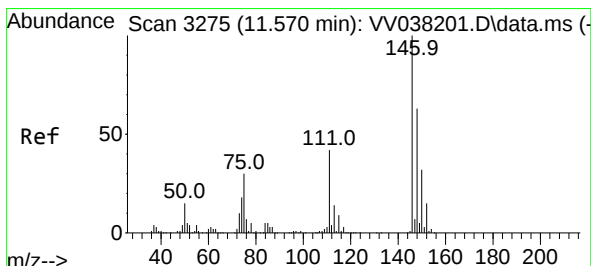
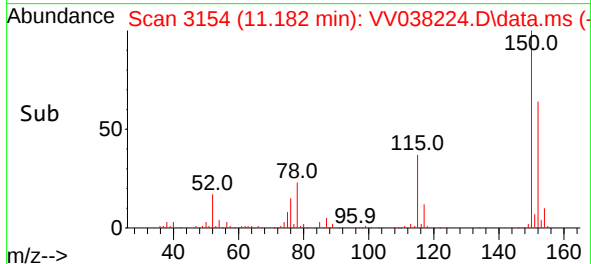
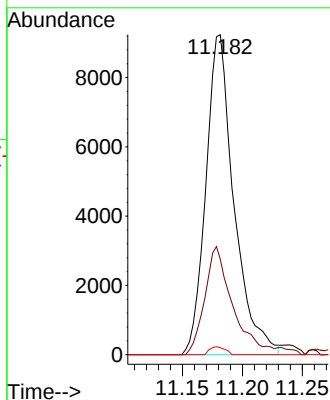
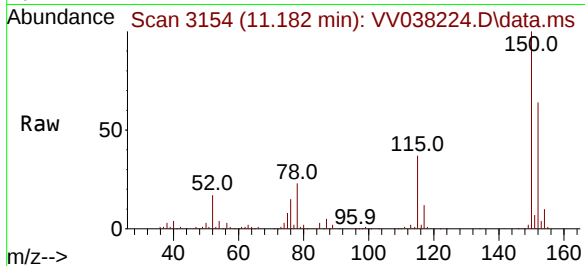




#61
1,2,3-Trichloropropane
Concen: 1.438 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.978 min
Lab File: VV038224.D
Acq: 20 Nov 2024 18:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 15067
Ion Ratio Lower Upper
75 100
77 34.7 26.4 39.6
110 1.3 32.3 48.5#



#67
1,2-Dichlorobenzene
Concen: 0.184 ug/L
RT: 11.571 min Scan# 3275
Delta R.T. 0.000 min
Lab File: VV038224.D
Acq: 20 Nov 2024 18:46

Tgt Ion:146 Resp: 6430
Ion Ratio Lower Upper
146 100
111 52.2 34.2 51.2#
148 67.6 51.0 76.4

