

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038219.D
 Acq On : 20 Nov 2024 16:46
 Operator : SY/MD
 Sample : P4883-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 01:51:23 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	235738	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	257704	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	112774	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	75626	4.185	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.800%	
7) Chloroethane-d5	1.529	69	72740	4.977	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.053	65	34132	4.390	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.800%	
20) 2-Butanone-d5	3.789	46	198572	54.936	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.880%	
24) Chloroform-d	4.243	84	169995	4.848	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	4.937	65	84908	5.396	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.000%	
32) Benzene-d6	4.953	84	304284	4.568	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	5.982	67	103538	5.052	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.000%	
41) Toluene-d8	7.239	98	243087	3.944	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.800%	
43) trans-1,3-Dichloroprop...	7.558	79	32358	4.247	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.000%	
46) 2-Hexanone-d5	8.021	63	180601	60.973	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	121.940%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	88326	5.077	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	11.554	152	103651	5.394	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.800%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	9232	0.522	ug/L	96
13) Acetone	1.905	43	2476312	926.296	ug/L	41
16) Methylene chloride	2.442	84	28928	1.507	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	41745	2.276	ug/L	98
29) 1,1,1-Trichloroethane	4.506	97	61158	1.979	ug/L	97
31) Carbon tetrachloride	4.506	117	8128	0.298	ug/L	98
34) Trichloroethene	5.825	95	393566	19.945	ug/L	99
35) Methylcyclohexane	5.982	83	26214	0.939	ug/L #	19
37) 1,2-Dichloropropane	5.985	63	10900	0.601	ug/L #	89
42) Toluene	7.320	91	33531	0.437	ug/L	98
47) Tetrachloroethene	7.895	164	535920	33.798	ug/L	99
48) 2-Hexanone	8.018	43	19852	2.885	ug/L #	65
49) Dibromochloromethane	7.895	129	492082	30.694	ug/L #	11
51) Chlorobenzene	8.818	112	17856	0.338	ug/L	91
52) Ethylbenzene	8.950	91	12234	0.150	ug/L	96
53) m,p-Xylene	9.079	106	7997	0.261	ug/L	99
61) 1,2,3-Trichloropropane	11.178	75	12047	1.248	ug/L #	66
67) 1,2-Dichlorobenzene	11.577	146	8872	0.275	ug/L	98

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QLast Update : Thu Nov 21 01:41:56 2024
Response via : Initial Calibration

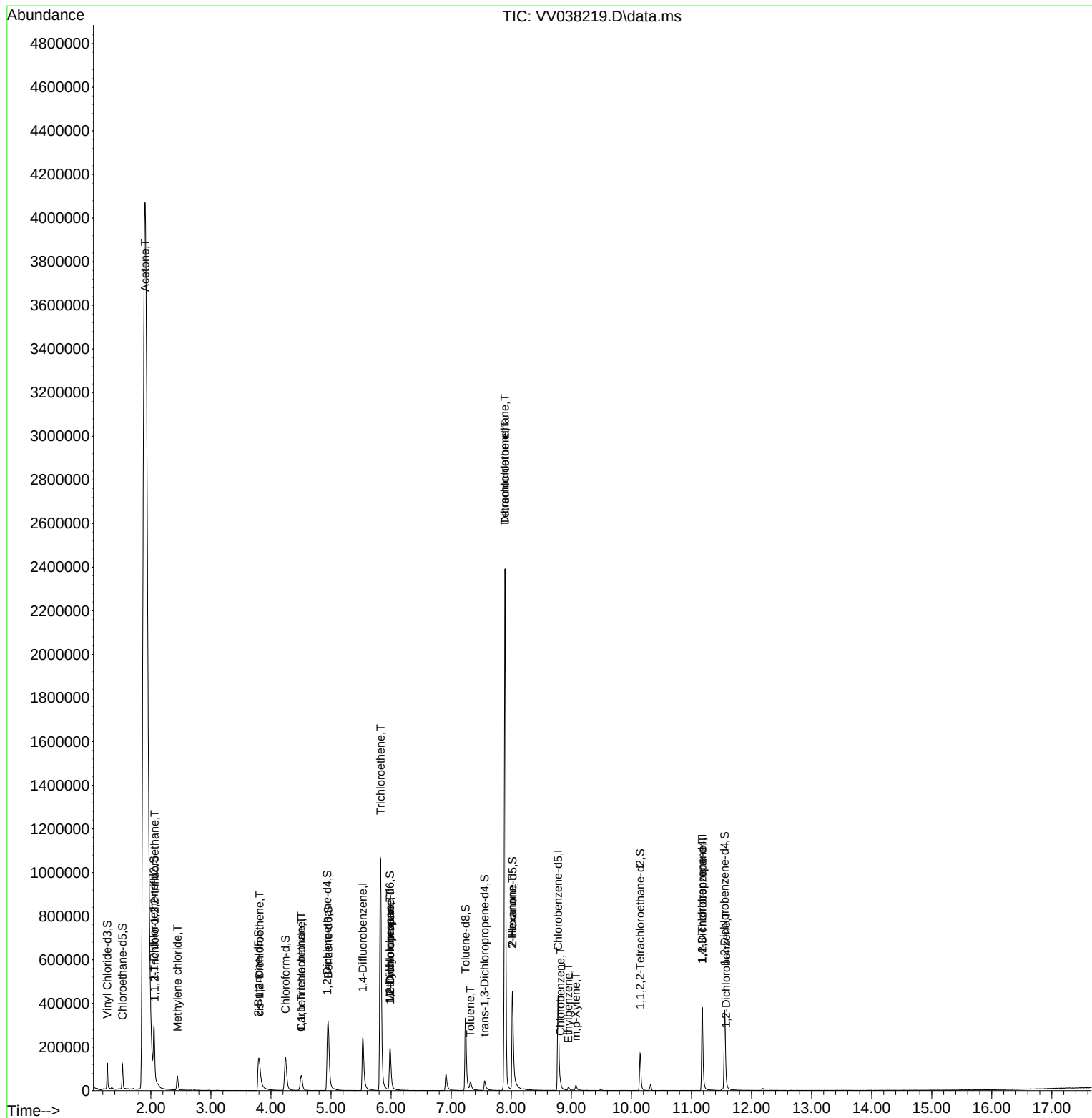
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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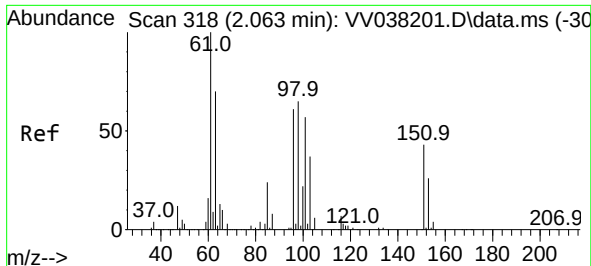
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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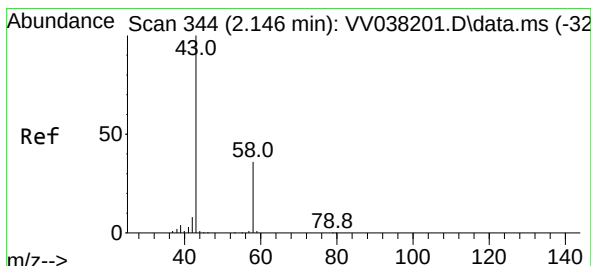
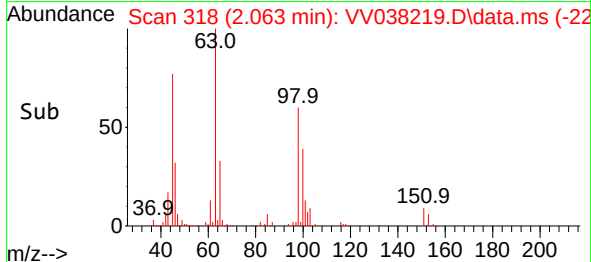
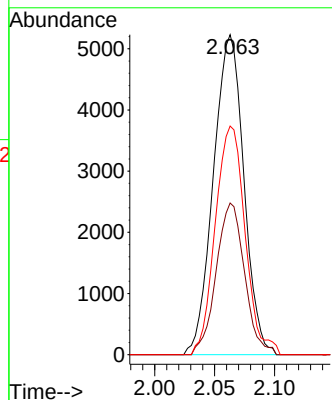
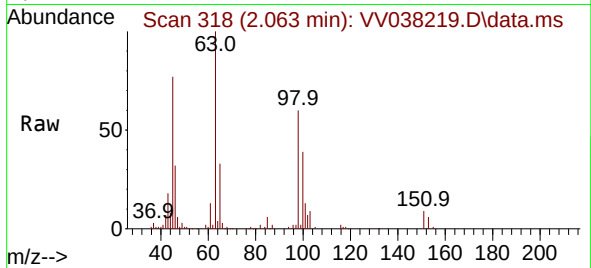




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.522 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038219.D
 Acq: 20 Nov 2024 16:46

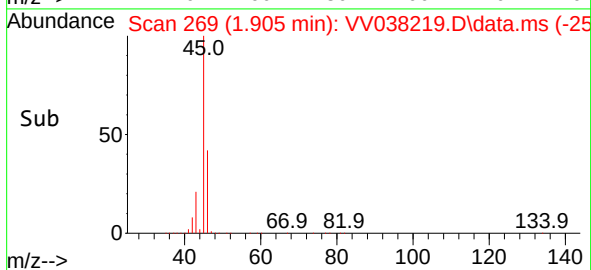
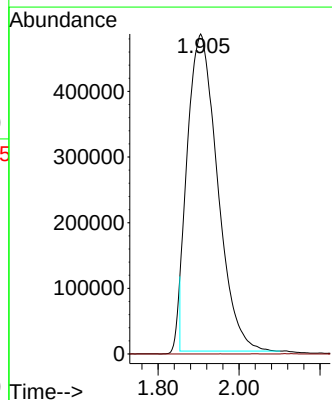
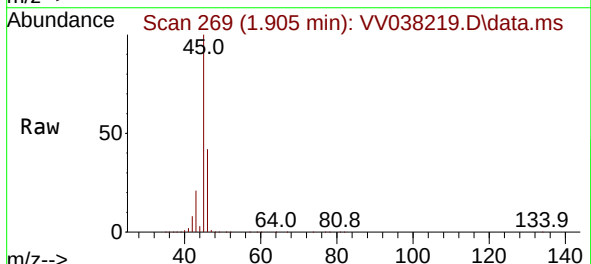
Instrument :
 MSVOA_V
 ClientSampleId :

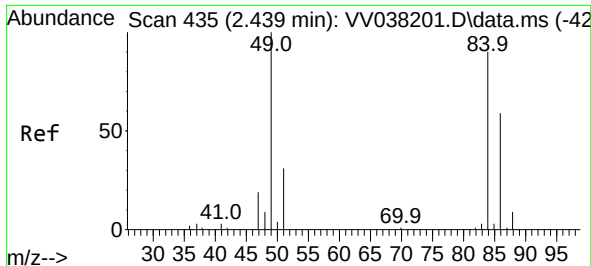
Tgt Ion:101 Resp: 9232
 Ion Ratio Lower Upper
 101 100
 85 44.2 33.4 50.0
 151 70.1 58.8 88.2



#13
 Acetone
 Concen: 926.296 ug/L
 RT: 1.905 min Scan# 269
 Delta R.T. -0.241 min
 Lab File: VV038219.D
 Acq: 20 Nov 2024 16:46

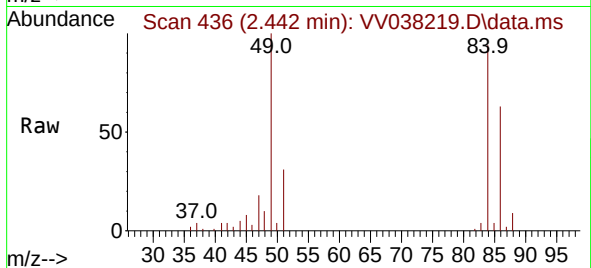
Tgt Ion: 43 Resp: 2476312
 Ion Ratio Lower Upper
 43 100
 58 0.0 0.0 67.2





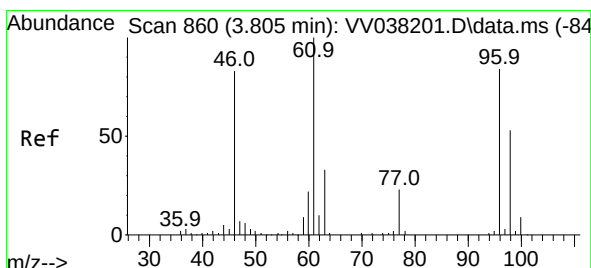
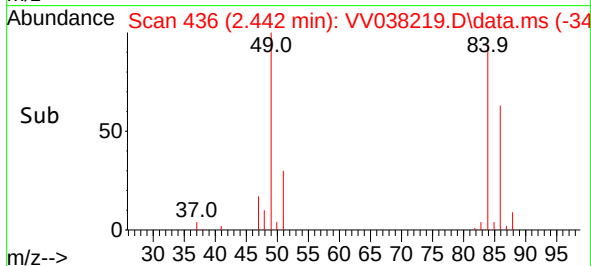
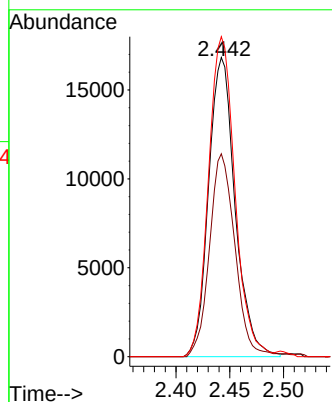
#16
Methylene chloride
Concen: 1.507 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038219.D
Acq: 20 Nov 2024 16:46

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 28928

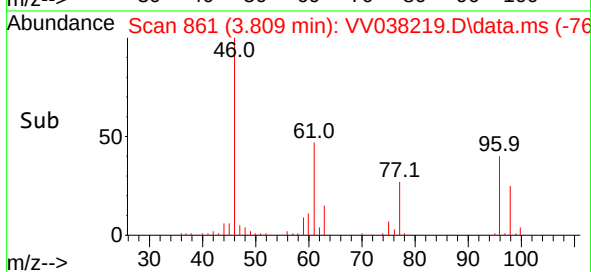
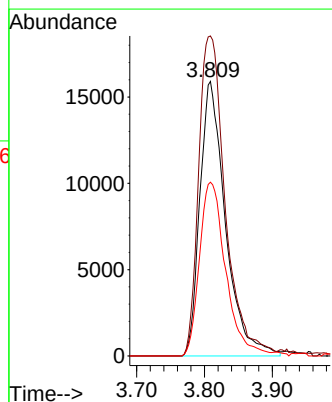
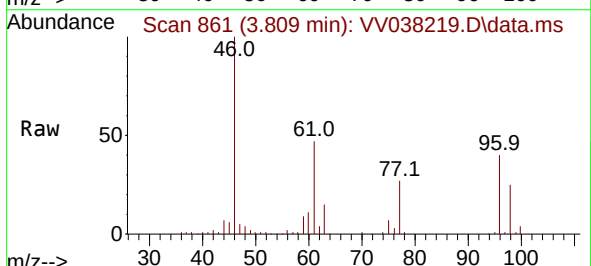
Ion	Ratio	Lower	Upper
84	100		
86	67.8	44.2	82.2
49	106.9	74.9	139.1

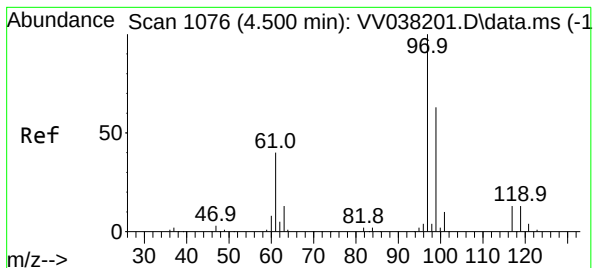


#22
cis-1,2-Dichloroethene
Concen: 2.276 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV038219.D
Acq: 20 Nov 2024 16:46

Tgt Ion: 96 Resp: 41745

Ion	Ratio	Lower	Upper
96	100		
61	116.6	82.7	153.5
98	63.3	46.3	85.9





#29

1,1,1-Trichloroethane

Concen: 1.979 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VV038219.D

Acq: 20 Nov 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

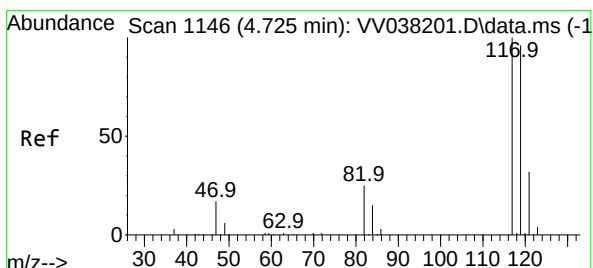
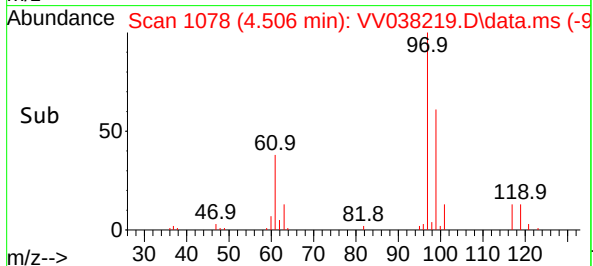
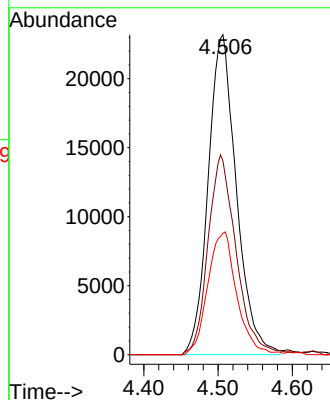
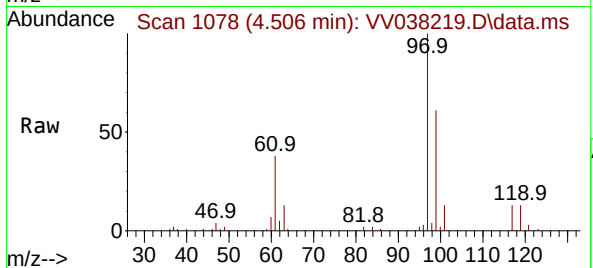
Tgt Ion: 97 Resp: 61158

Ion Ratio Lower Upper

97 100

99 62.3 51.8 77.8

61 39.1 32.2 48.2



#31

Carbon tetrachloride

Concen: 0.298 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.219 min

Lab File: VV038219.D

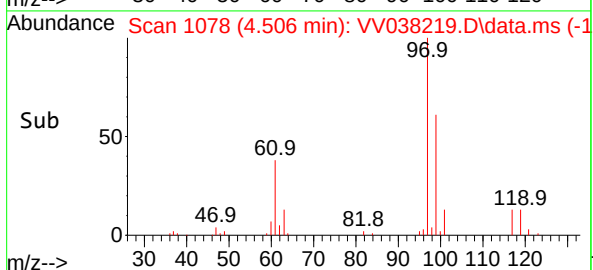
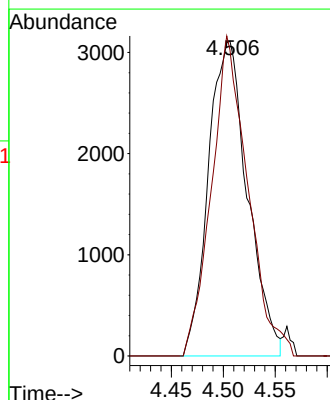
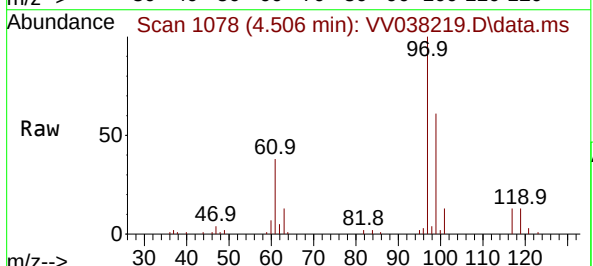
Acq: 20 Nov 2024 16:46

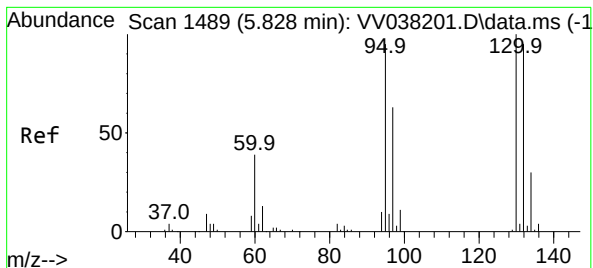
Tgt Ion: 117 Resp: 8128

Ion Ratio Lower Upper

117 100

119 95.0 77.4 116.2





#34

Trichloroethene

Concen: 19.945 ug/L

RT: 5.825 min Scan# 14

Delta R.T. -0.003 min

Lab File: VV038219.D

Acq: 20 Nov 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 393566

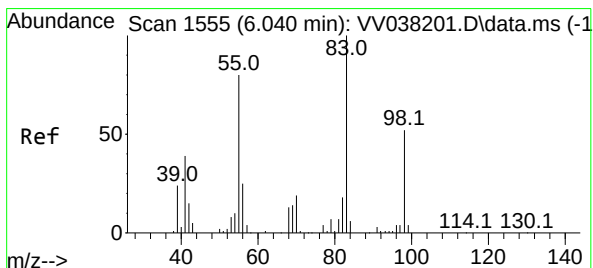
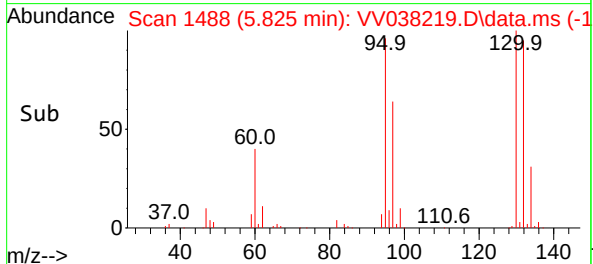
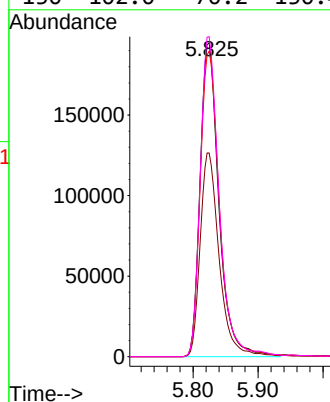
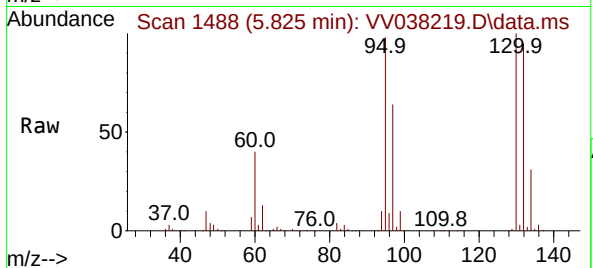
Ion Ratio Lower Upper

95 100

97 64.9 44.8 83.2

132 97.3 68.3 126.8

130 102.0 70.2 130.4



#35

Methylcyclohexane

Concen: 0.939 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV038219.D

Acq: 20 Nov 2024 16:46

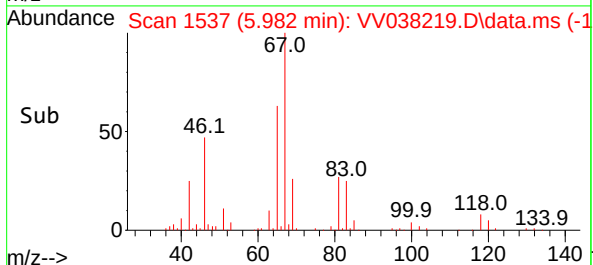
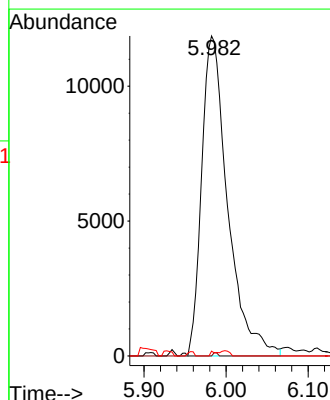
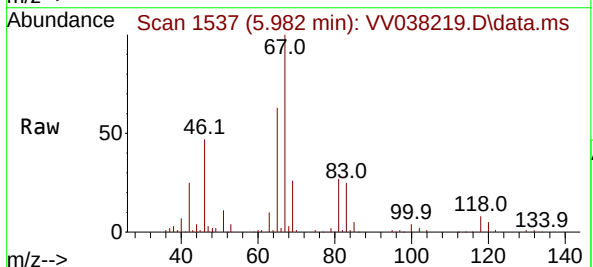
Tgt Ion: 83 Resp: 26214

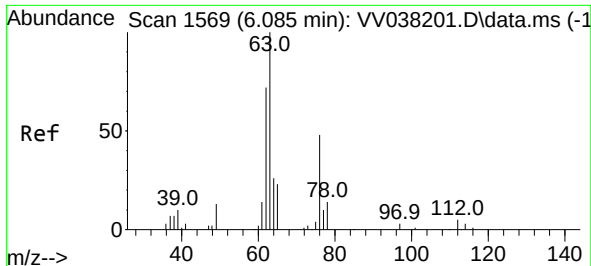
Ion Ratio Lower Upper

83 100

55 0.2 59.7 89.5#

98 1.3 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.601 ug/L

RT: 5.985 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV038219.D

Acq: 20 Nov 2024 16:46

Instrument :

MSVOA_V

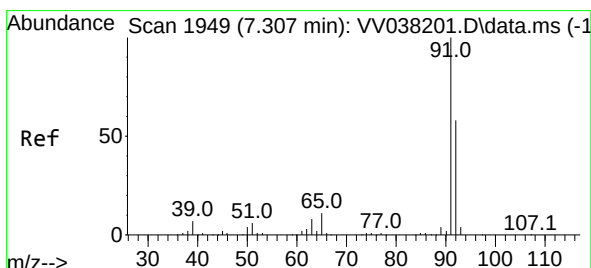
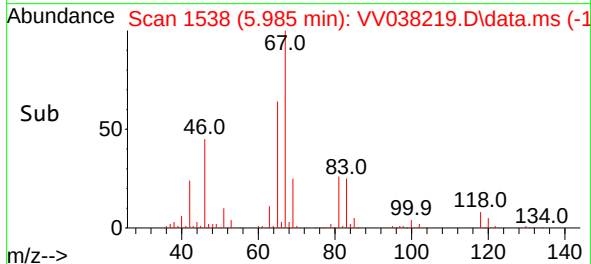
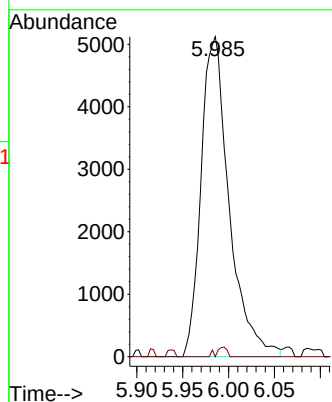
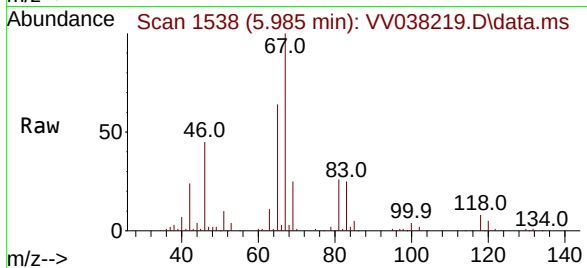
ClientSampleId :

Tgt Ion: 63 Resp: 10900

Ion Ratio Lower Upper

63 100

112 1.1 3.9 5.9#



#42

Toluene

Concen: 0.437 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.013 min

Lab File: VV038219.D

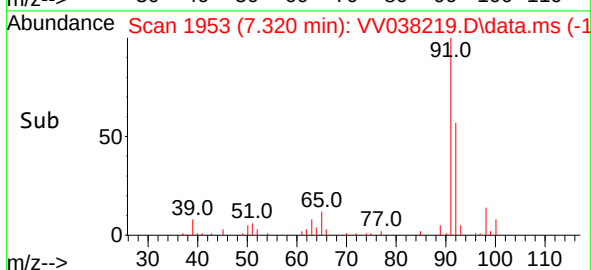
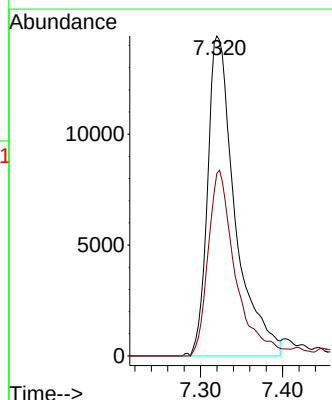
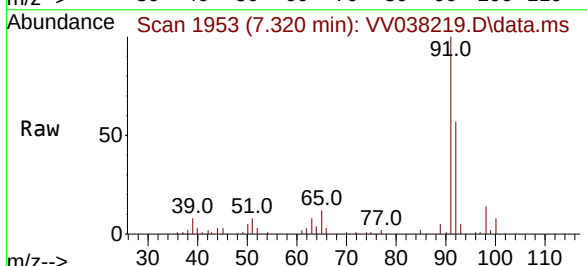
Acq: 20 Nov 2024 16:46

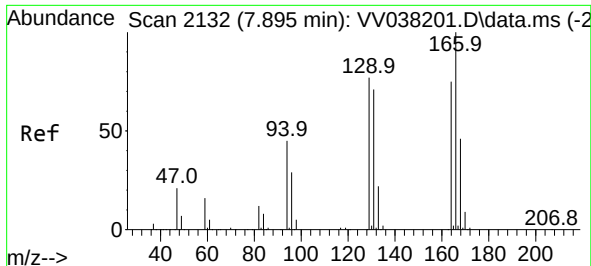
Tgt Ion: 91 Resp: 33531

Ion Ratio Lower Upper

91 100

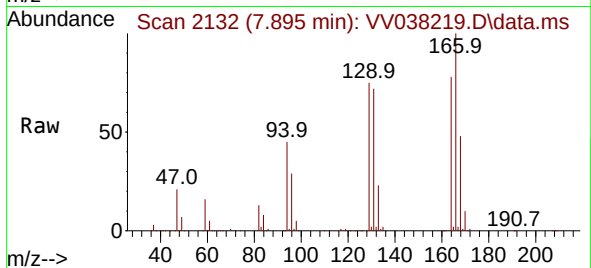
92 57.0 40.8 75.8



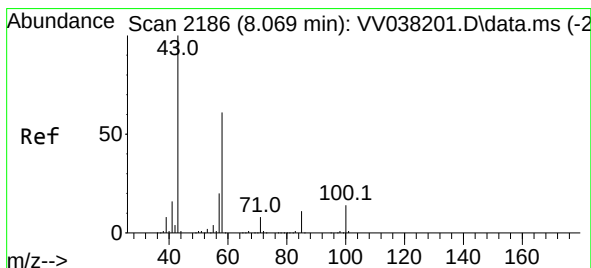
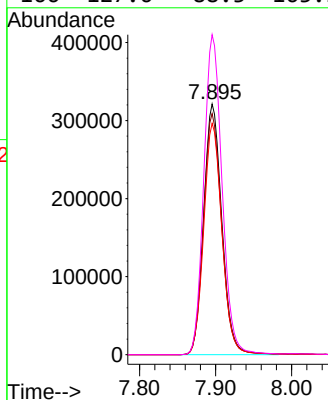
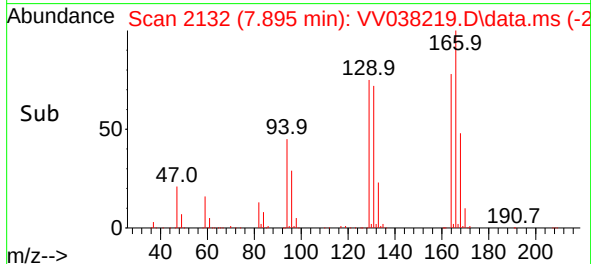


#47
Tetrachloroethene
Concen: 33.798 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038219.D
Acq: 20 Nov 2024 16:46

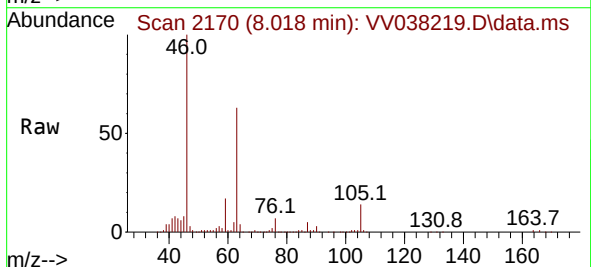
Instrument :
MSVOA_V
ClientSampleId :



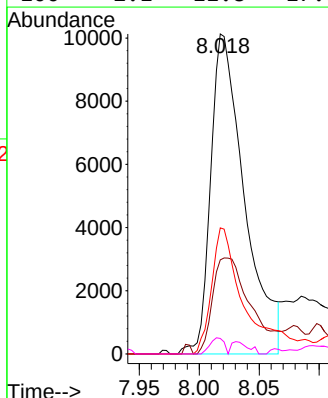
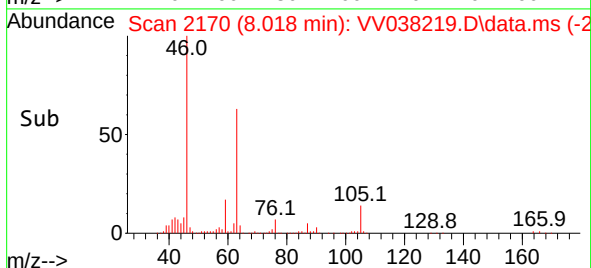
Tgt Ion:164 Resp: 535920
Ion Ratio Lower Upper
164 100
129 96.2 68.5 127.1
131 92.3 64.8 120.4
166 127.6 88.3 163.9

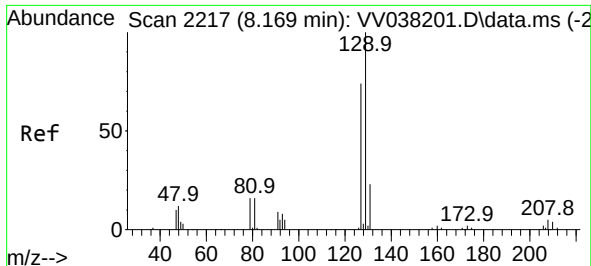


#48
2-Hexanone
Concen: 2.885 ug/L
RT: 8.018 min Scan# 2170
Delta R.T. -0.051 min
Lab File: VV038219.D
Acq: 20 Nov 2024 16:46



Tgt Ion: 43 Resp: 19852
Ion Ratio Lower Upper
43 100
58 34.3 49.2 73.8#
57 38.2 16.9 25.3#
100 2.1 11.8 17.8#





#49

Dibromochloromethane

Concen: 30.694 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.273 min

Lab File: VV038219.D

Acq: 20 Nov 2024 16:46

Instrument :

MSVOA_V

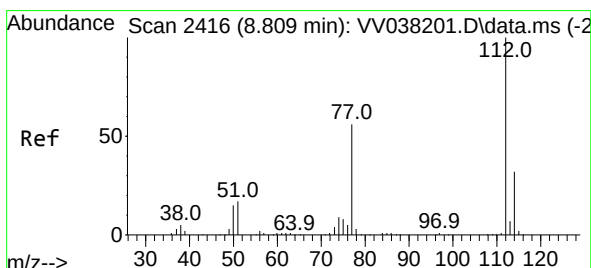
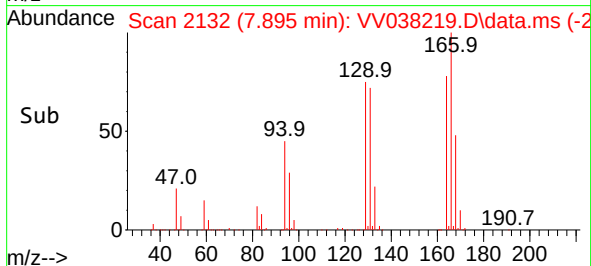
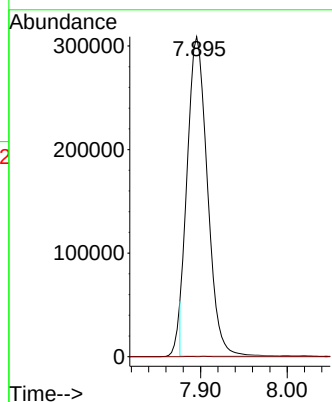
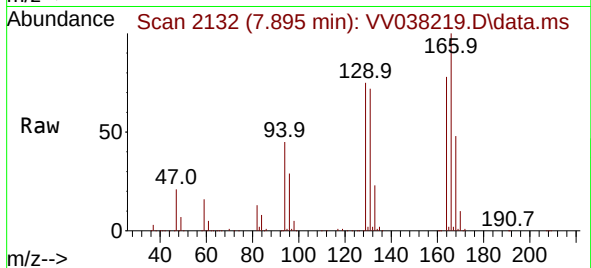
ClientSampleId :

Tgt Ion:129 Resp: 492082

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#51

Chlorobenzene

Concen: 0.338 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.010 min

Lab File: VV038219.D

Acq: 20 Nov 2024 16:46

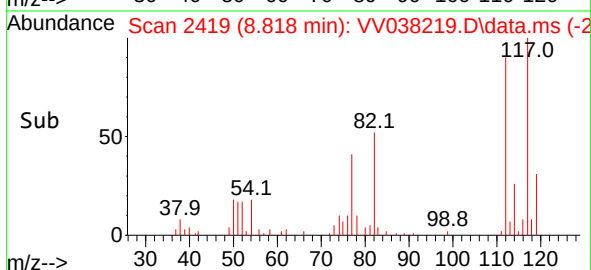
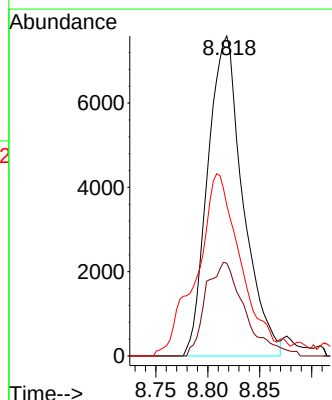
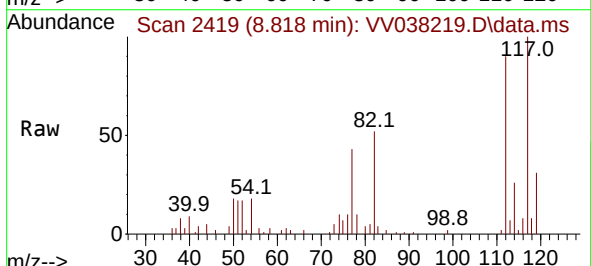
Tgt Ion:112 Resp: 17856

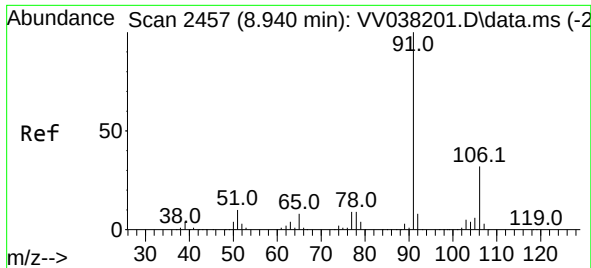
Ion Ratio Lower Upper

112 100

114 29.0 22.0 40.8

77 47.2 45.0 67.4

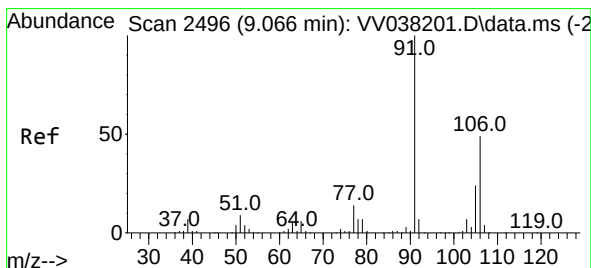
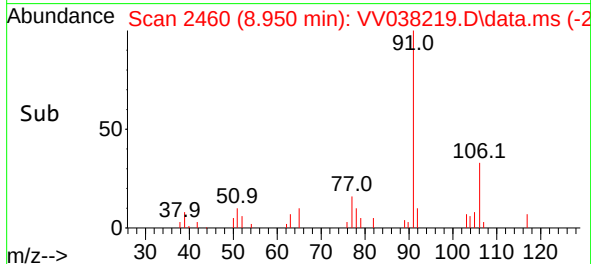
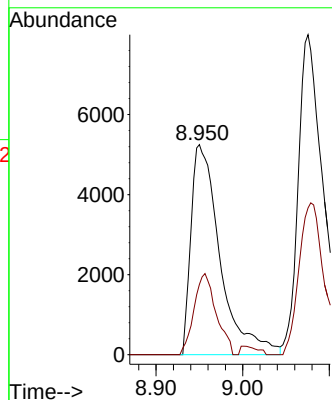
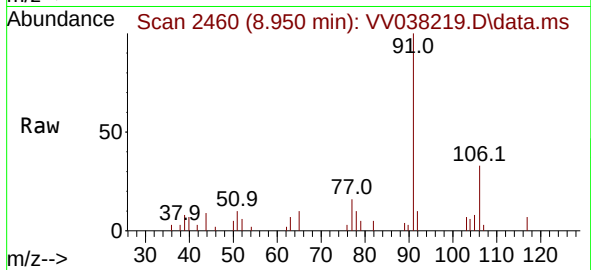




#52
Ethylbenzene
Concen: 0.150 ug/L
RT: 8.950 min Scan# 2457
Delta R.T. 0.010 min
Lab File: VV038219.D
Acq: 20 Nov 2024 16:46

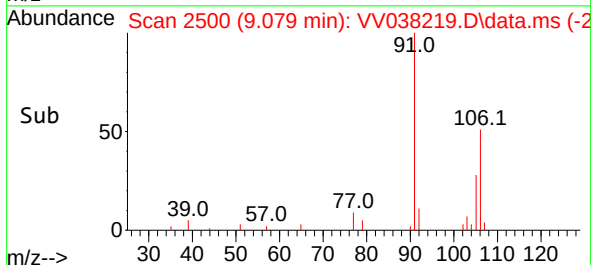
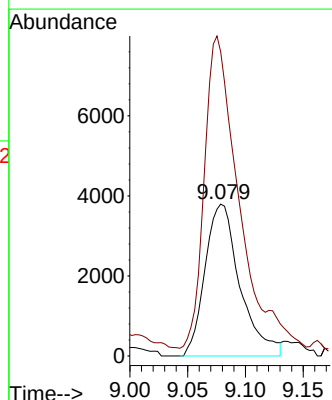
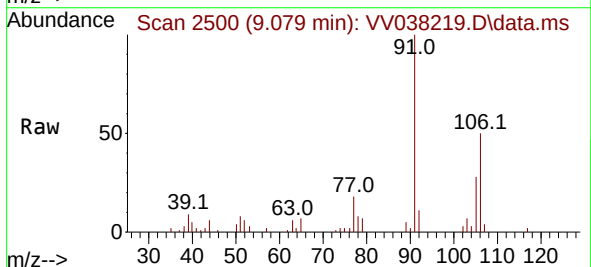
Instrument :
MSVOA_V
ClientSampleId :

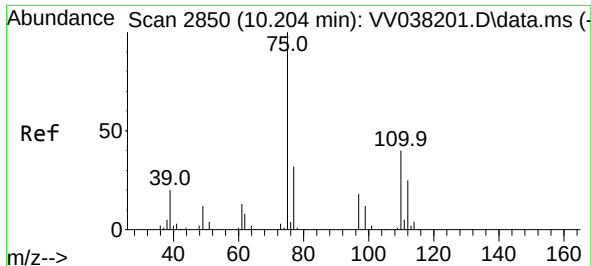
Tgt Ion: 91 Resp: 12234
Ion Ratio Lower Upper
91 100
106 33.4 21.8 40.4



#53
m,p-Xylene
Concen: 0.261 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.013 min
Lab File: VV038219.D
Acq: 20 Nov 2024 16:46

Tgt Ion: 106 Resp: 7997
Ion Ratio Lower Upper
106 100
91 200.3 138.7 257.5

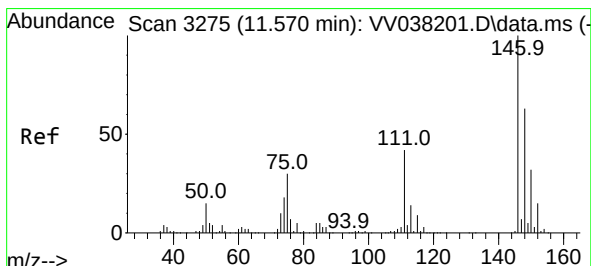
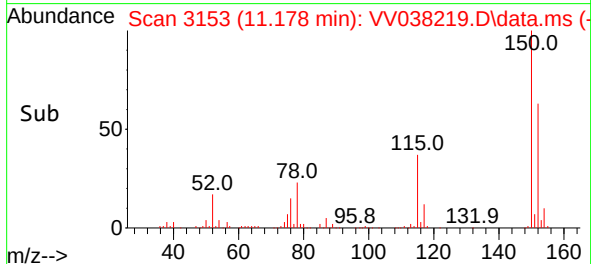
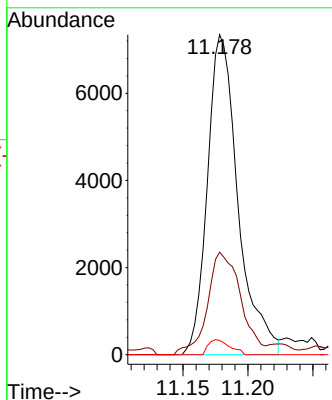
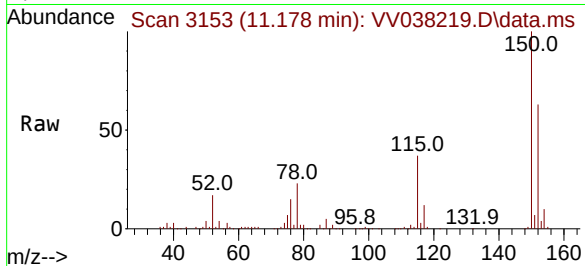




#61
 1,2,3-Trichloropropane
 Concen: 1.248 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.974 min
 Lab File: VV038219.D
 Acq: 20 Nov 2024 16:46

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 12047
 Ion Ratio Lower Upper
 75 100
 77 34.8 26.4 39.6
 110 3.3 32.3 48.5#



#67
 1,2-Dichlorobenzene
 Concen: 0.275 ug/L
 RT: 11.577 min Scan# 3277
 Delta R.T. 0.006 min
 Lab File: VV038219.D
 Acq: 20 Nov 2024 16:46

Tgt Ion: 146 Resp: 8872
 Ion Ratio Lower Upper
 146 100
 111 44.5 34.2 51.2
 148 62.9 51.0 76.4

