

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038264.D
 Acq On : 22 Nov 2024 12:08
 Operator : SY/MD
 Sample : P4883-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 00:00:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 23:57:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	242020	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	258426	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	108140	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	76126	4.104	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.529	69	67330	4.487	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.053	65	35475	4.444	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	3.789	46	138015	37.191	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.380%
24) Chloroform-d	4.243	84	150446	4.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	4.937	65	70246	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	4.953	84	267530	4.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	5.982	67	86815	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.236	98	224121	3.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	7.558	79	27706	3.626	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.021	63	103450	34.828	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.660%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	72003	4.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	85622	4.647	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	9945	0.548	ug/L	93
13) Acetone	1.857	43	482164	175.678	ug/L	41
16) Methylene chloride	2.442	84	27019	1.371	ug/L	97
17) Methyl tert-butyl Ether	2.699	73	3592	0.092	ug/L #	88
22) cis-1,2-Dichloroethene	3.815	96	14232	0.756	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	60448	1.950	ug/L	100
31) Carbon tetrachloride	4.500	117	7716	0.282	ug/L	93
34) Trichloroethene	5.822	95	357627	18.073	ug/L	98
35) Methylcyclohexane	5.982	83	22475	0.803	ug/L #	19
37) 1,2-Dichloropropane	5.979	63	10273	0.565	ug/L #	87
42) Toluene	7.320	91	30582	0.398	ug/L	98
47) Tetrachloroethene	7.895	164	117079	7.363	ug/L	97
49) Dibromochloromethane	7.895	129	106150	6.603	ug/L #	11
51) Chlorobenzene	8.815	112	16382	0.309	ug/L	96
52) Ethylbenzene	8.956	91	11189	0.137	ug/L	97
53) m,p-Xylene	9.079	106	6144	0.200	ug/L	100
61) 1,2,3-Trichloropropane	11.178	75	12133	1.310	ug/L #	67
67) 1,2-Dichlorobenzene	11.574	146	7988	0.258	ug/L	98

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 23:57:44 2024
Response via : Initial Calibration

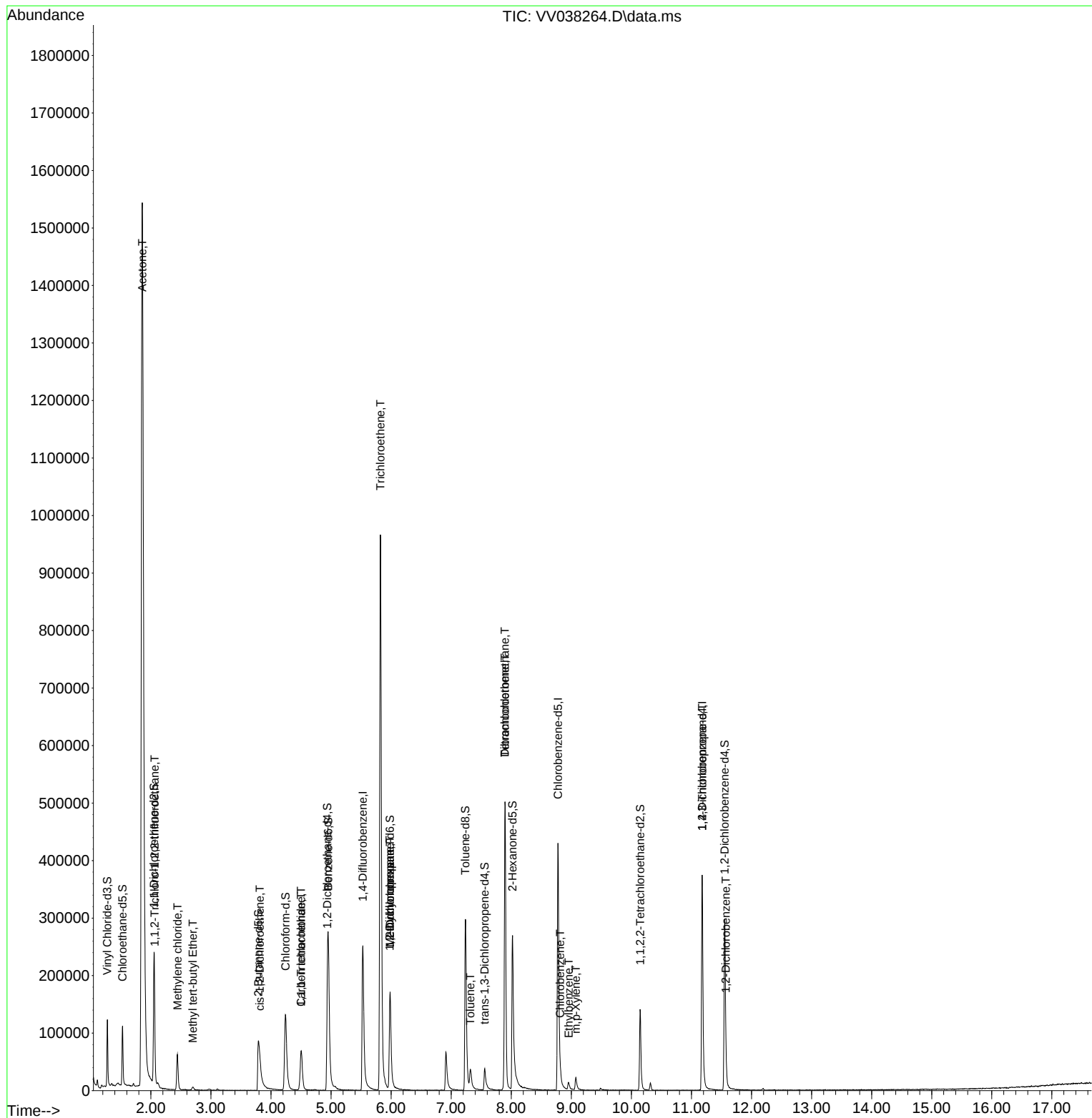
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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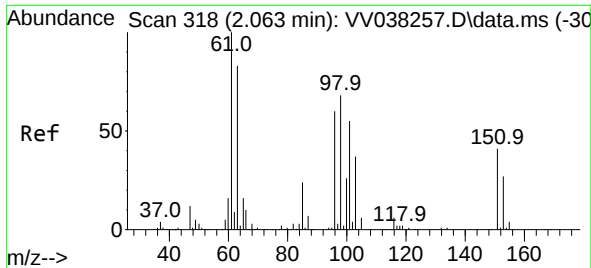
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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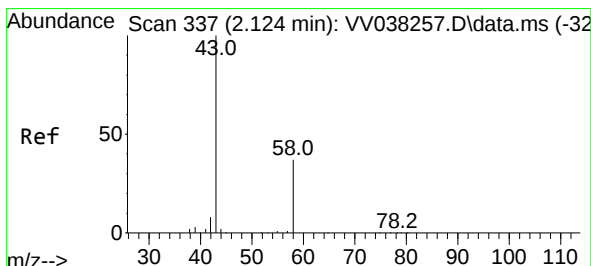
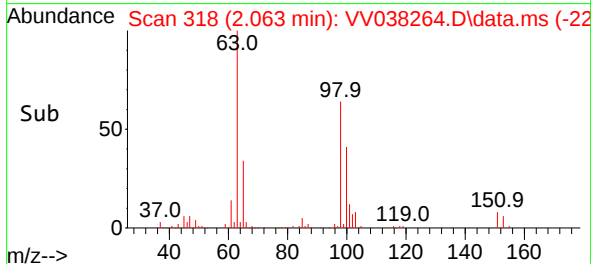
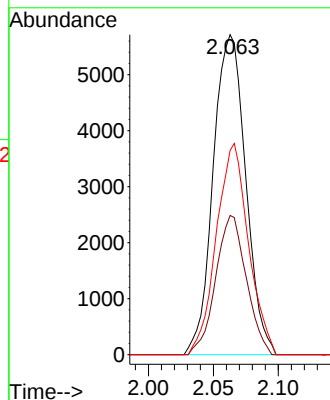
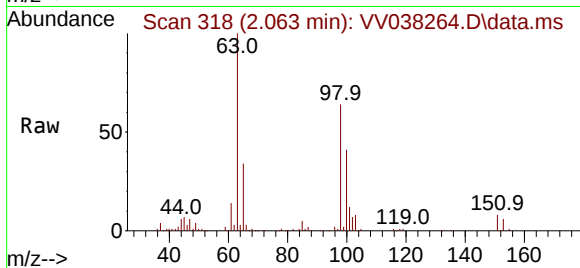




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.548 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038264.D
 Acq: 22 Nov 2024 12:08

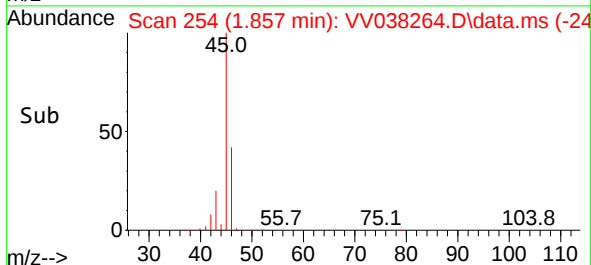
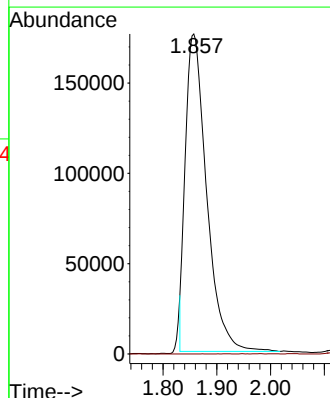
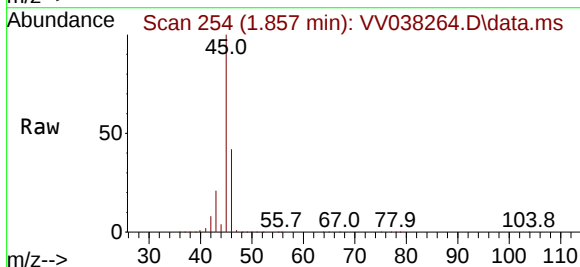
Instrument :
 MSVOA_V
 ClientSampleId :

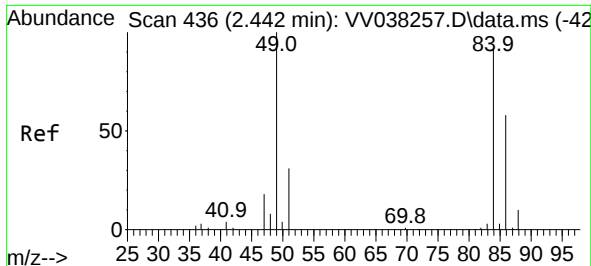
Tgt Ion:	101	Resp:	9945
Ion	Ratio	Lower	Upper
101	100		
85	41.0	33.4	50.0
151	65.3	58.8	88.2



#13
 Acetone
 Concen: 175.678 ug/L
 RT: 1.857 min Scan# 254
 Delta R.T. -0.267 min
 Lab File: VV038264.D
 Acq: 22 Nov 2024 12:08

Tgt Ion:	43	Resp:	482164
Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	67.2

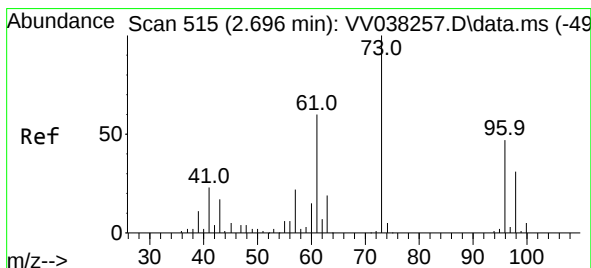
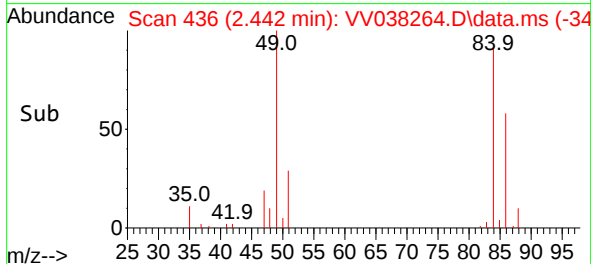
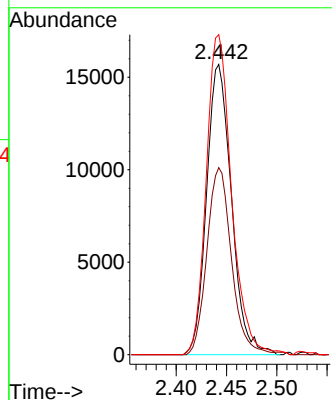
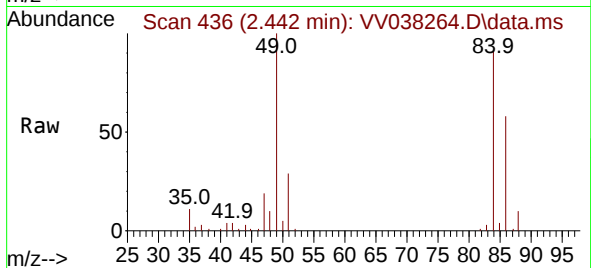




#16
Methylene chloride
Concen: 1.371 ug/L
RT: 2.442 min Scan# 411
Delta R.T. -0.000 min
Lab File: VV038264.D
Acq: 22 Nov 2024 12:08

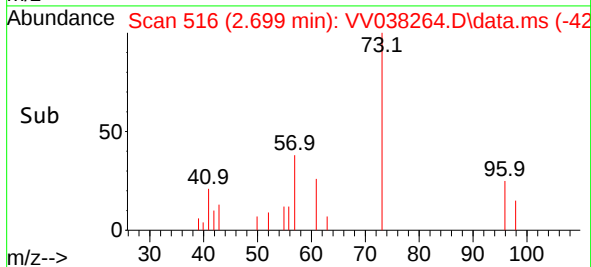
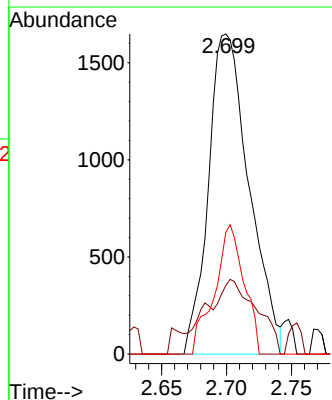
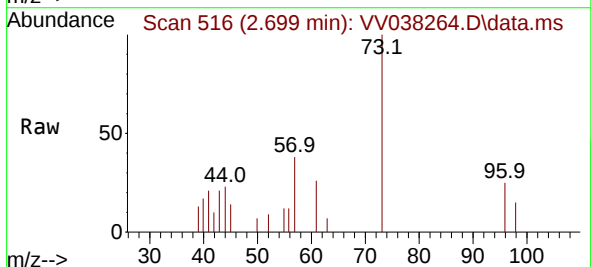
Instrument :
MSVOA_V
ClientSampleId :

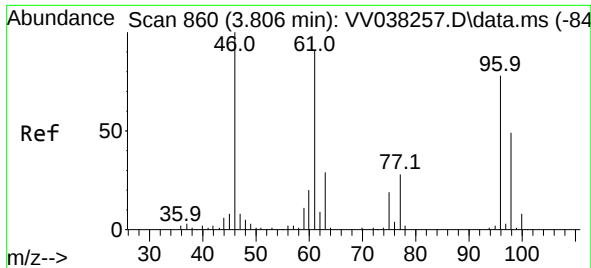
Tgt Ion: 84 Resp: 27019
Ion Ratio Lower Upper
84 100
86 64.5 44.2 82.2
49 110.2 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 0.092 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038264.D
Acq: 22 Nov 2024 12:08

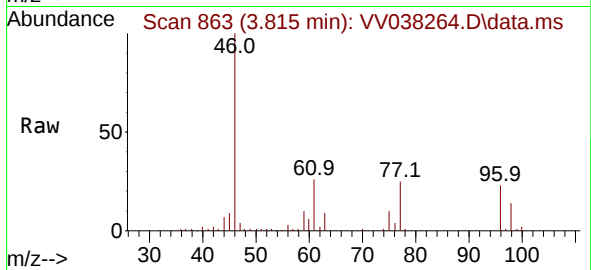
Tgt Ion: 73 Resp: 3592
Ion Ratio Lower Upper
73 100
43 21.2 14.2 21.2
57 29.3 17.6 26.4#



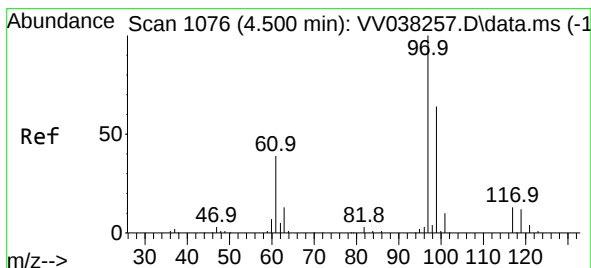
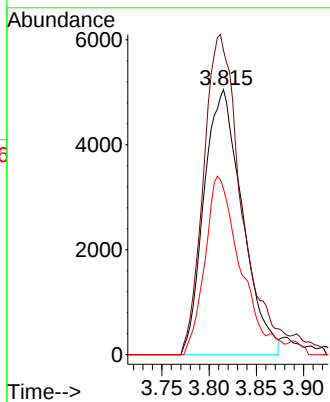
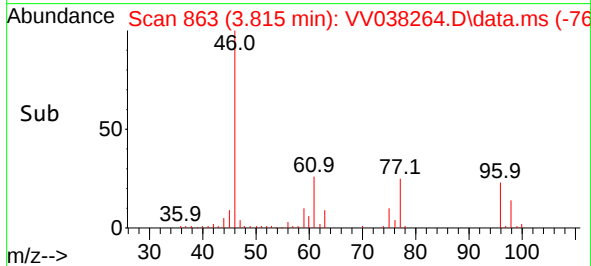


#22
 cis-1,2-Dichloroethene
 Concen: 0.756 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.010 min
 Lab File: VV038264.D
 Acq: 22 Nov 2024 12:08

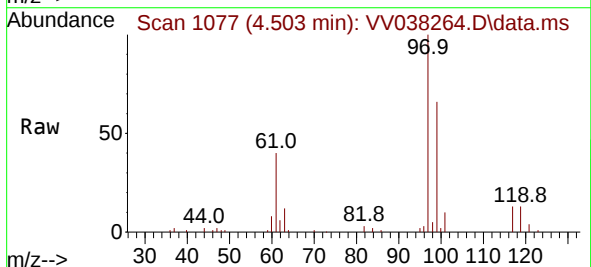
Instrument :
 MSVOA_V
 ClientSampleId :



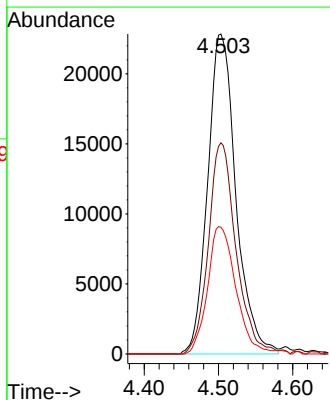
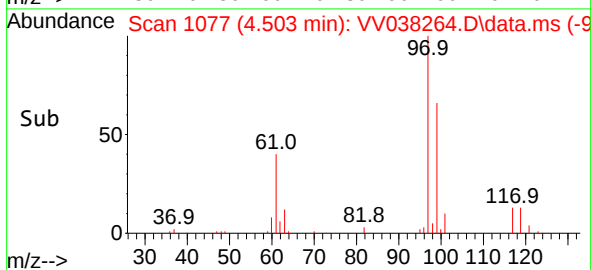
Tgt Ion: 96 Resp: 14232
 Ion Ratio Lower Upper
 96 100
 61 114.8 82.7 153.5
 98 62.6 46.3 85.9

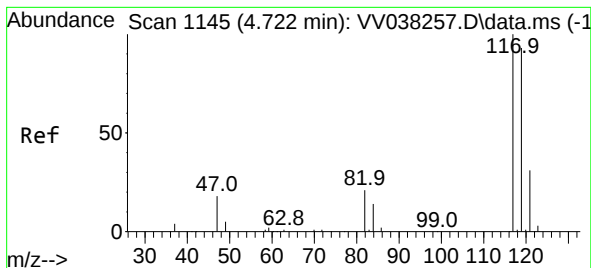


#29
 1,1,1-Trichloroethane
 Concen: 1.950 ug/L
 RT: 4.503 min Scan# 1077
 Delta R.T. 0.003 min
 Lab File: VV038264.D
 Acq: 22 Nov 2024 12:08



Tgt Ion: 97 Resp: 60448
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.8 77.8
 61 40.1 32.2 48.2





#31

Carbon tetrachloride

Concen: 0.282 ug/L

RT: 4.500 min Scan# 1145

Delta R.T. -0.222 min

Lab File: VV038264.D

Acq: 22 Nov 2024 12:08

Instrument :

MSVOA_V

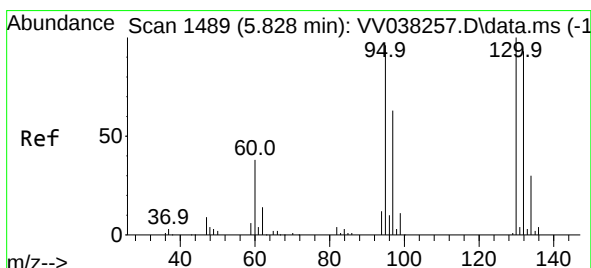
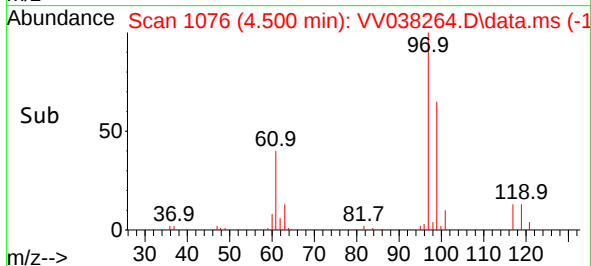
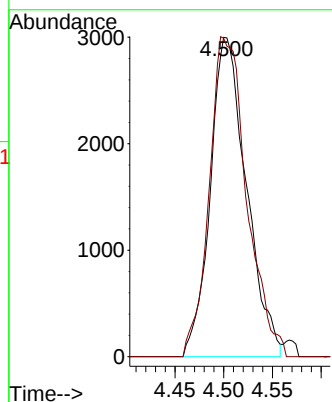
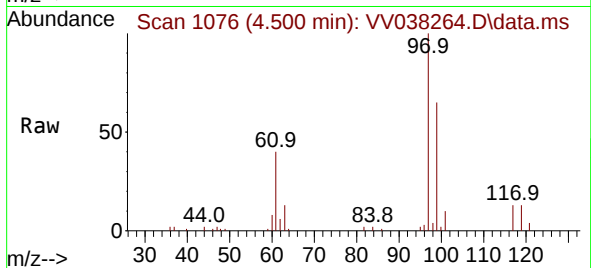
ClientSampleId :

Tgt Ion:117 Resp: 7716

Ion Ratio Lower Upper

117 100

119 103.8 77.4 116.2



#34

Trichloroethene

Concen: 18.073 ug/L

RT: 5.822 min Scan# 1487

Delta R.T. -0.007 min

Lab File: VV038264.D

Acq: 22 Nov 2024 12:08

Tgt Ion: 95 Resp: 357627

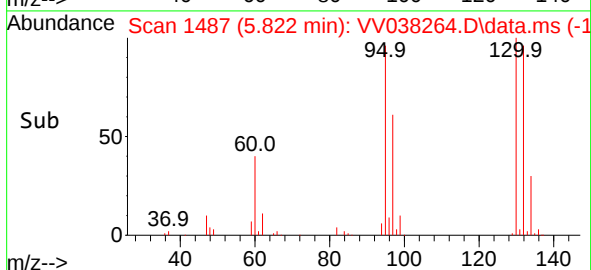
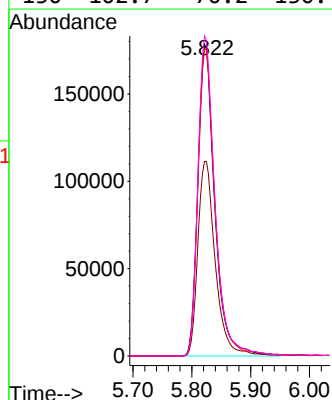
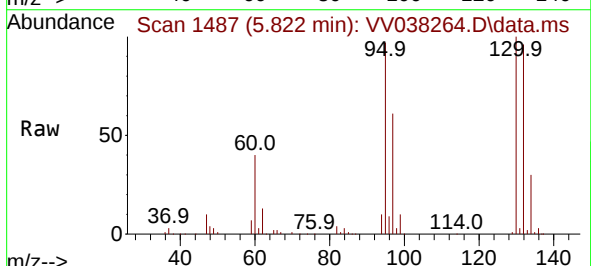
Ion Ratio Lower Upper

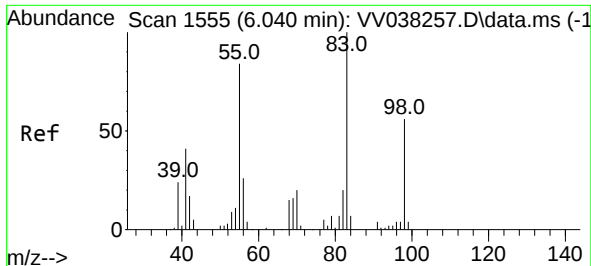
95 100

97 62.4 44.8 83.2

132 98.6 68.3 126.8

130 102.7 70.2 130.4

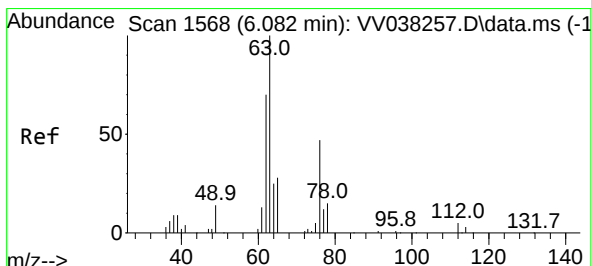
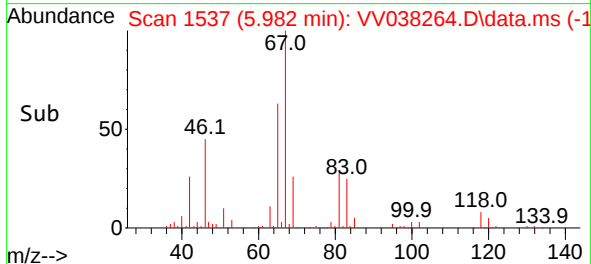
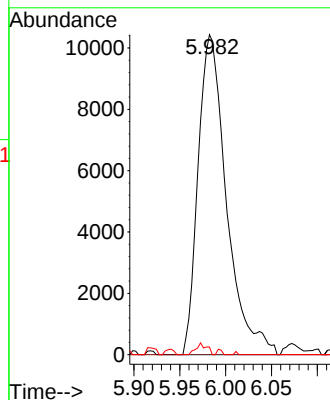
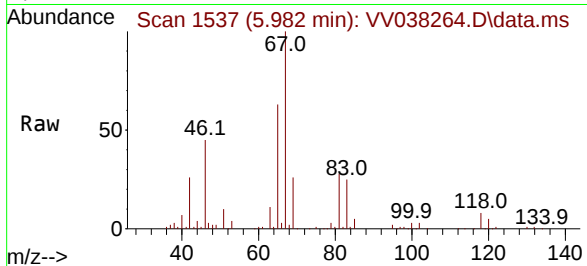




#35
Methylcyclohexane
Concen: 0.803 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038264.D
Acq: 22 Nov 2024 12:08

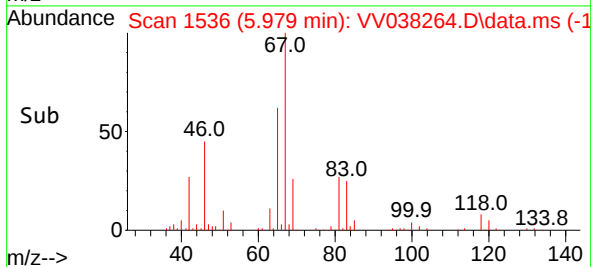
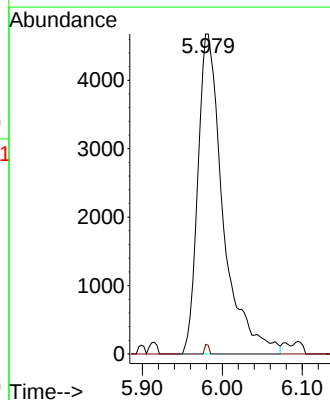
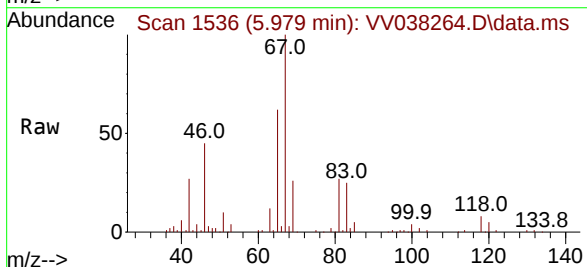
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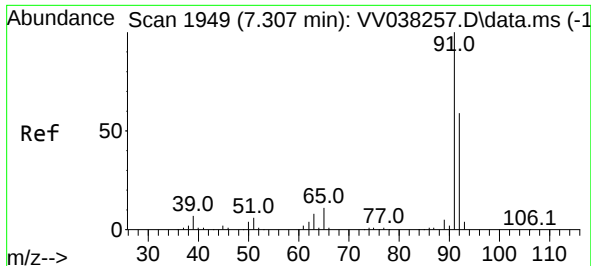
Tgt Ion: 83 Resp: 22475
Ion Ratio Lower Upper
83 100
55 0.0 59.7 89.5#
98 1.4 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 5.979 min Scan# 1536
Delta R.T. -0.103 min
Lab File: VV038264.D
Acq: 22 Nov 2024 12:08

Tgt Ion: 63 Resp: 10273
Ion Ratio Lower Upper
63 100
112 0.5 3.9 5.9#





#42

Toluene

Concen: 0.398 ug/L

RT: 7.320 min Scan# 1949

Delta R.T. 0.013 min

Lab File: VV038264.D

Acq: 22 Nov 2024 12:08

Instrument :

MSVOA_V

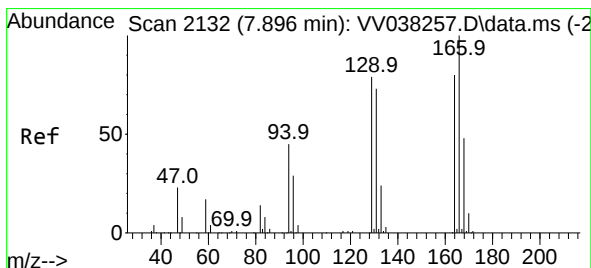
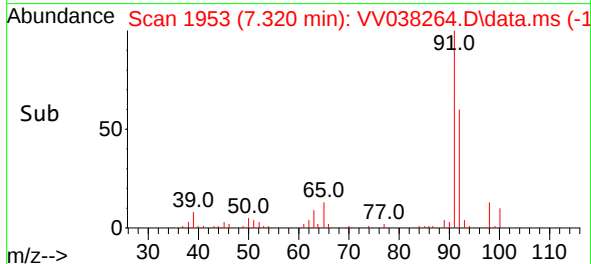
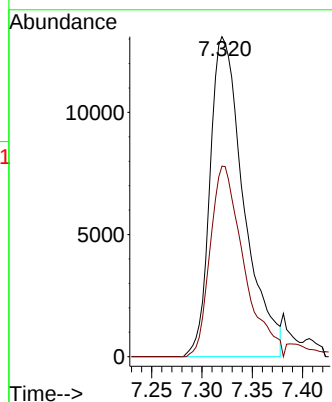
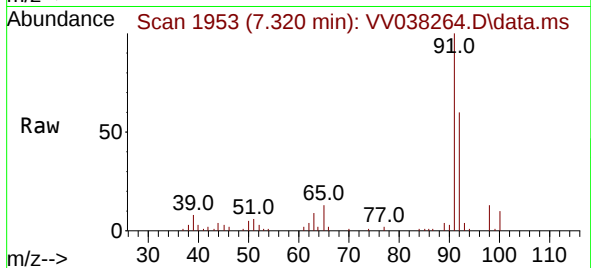
ClientSampleId :

Tgt Ion: 91 Resp: 30582

Ion Ratio Lower Upper

91 100

92 59.6 40.8 75.8



#47

Tetrachloroethene

Concen: 7.363 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV038264.D

Acq: 22 Nov 2024 12:08

Tgt Ion: 164 Resp: 117079

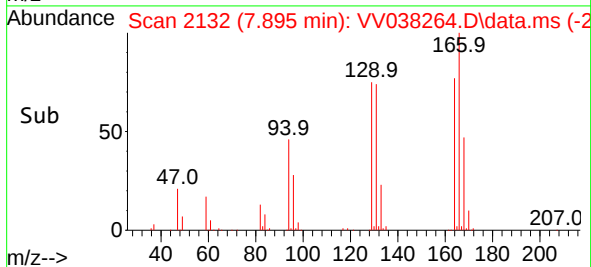
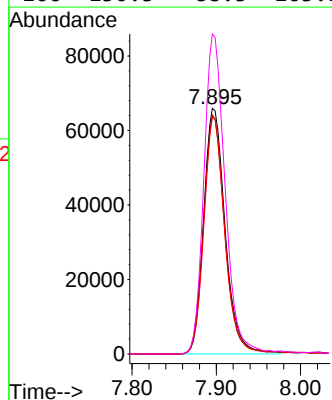
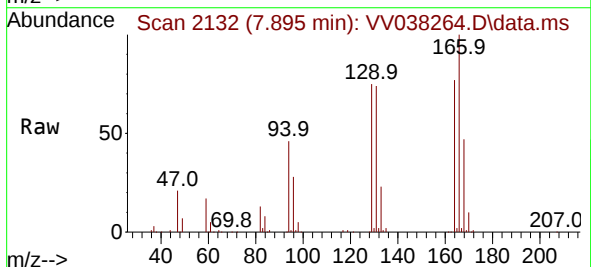
Ion Ratio Lower Upper

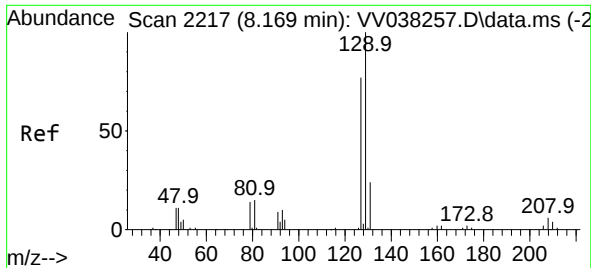
164 100

129 97.3 68.5 127.1

131 96.3 64.8 120.4

166 130.3 88.3 163.9

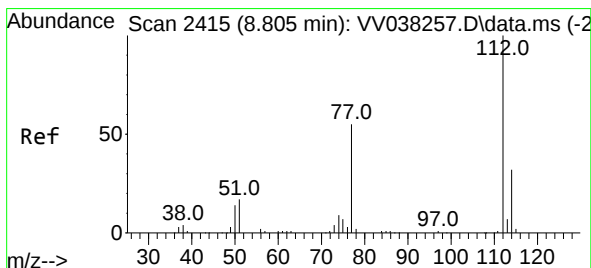
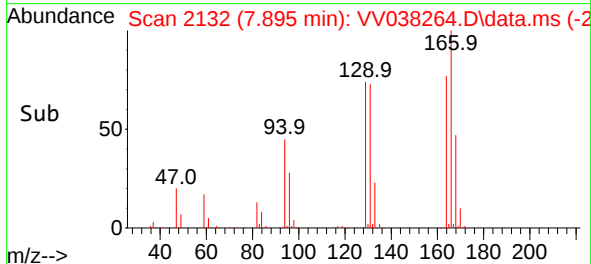
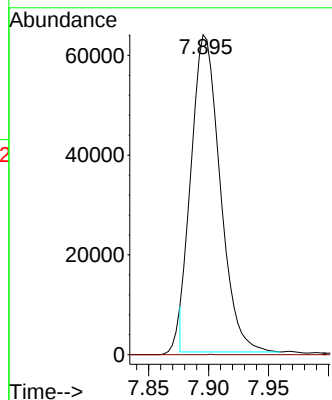
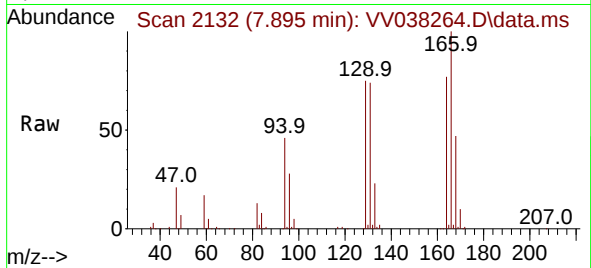




#49
Dibromochloromethane
Concen: 6.603 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.273 min
Lab File: VV038264.D
Acq: 22 Nov 2024 12:08

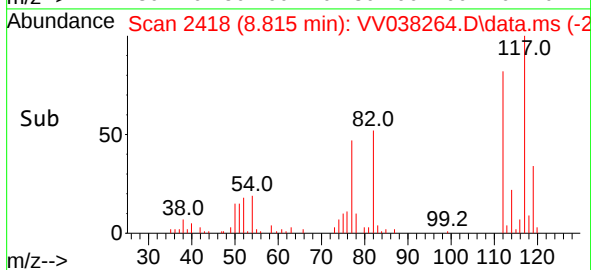
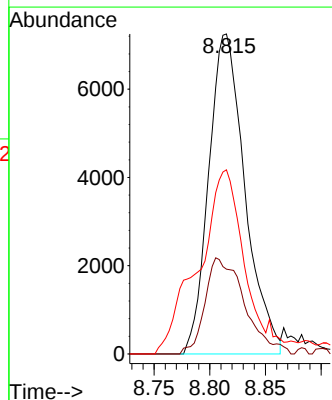
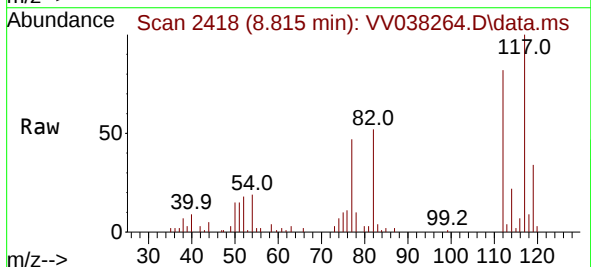
Instrument :
MSVOA_V
ClientSampleId :

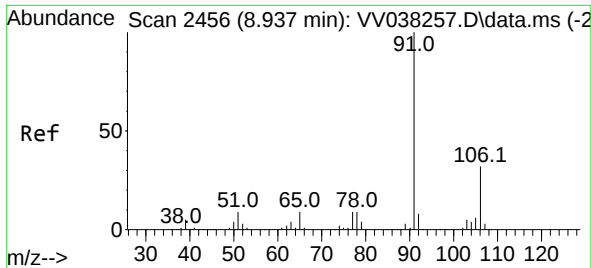
Tgt Ion:129 Resp: 106150
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#51
Chlorobenzene
Concen: 0.309 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.010 min
Lab File: VV038264.D
Acq: 22 Nov 2024 12:08

Tgt Ion:112 Resp: 16382
Ion Ratio Lower Upper
112 100
114 26.5 22.0 40.8
77 57.6 45.0 67.4

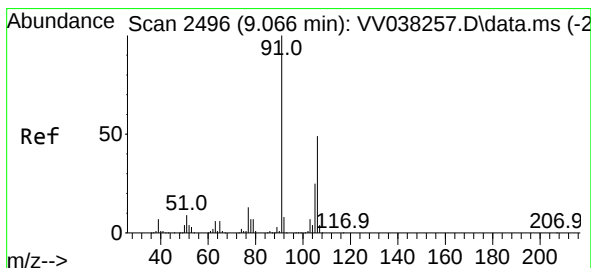
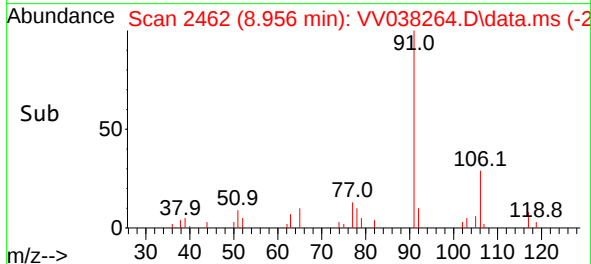
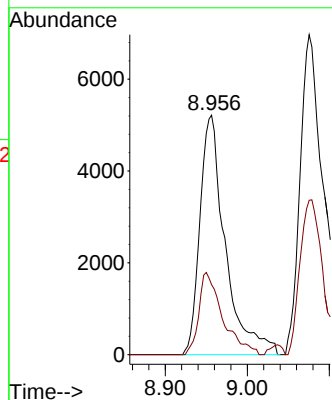
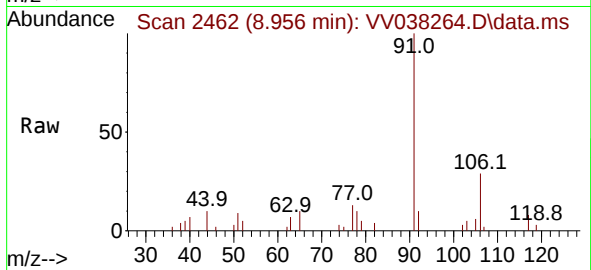




#52
Ethylbenzene
Concen: 0.137 ug/L
RT: 8.956 min Scan# 2456
Delta R.T. 0.019 min
Lab File: VV038264.D
Acq: 22 Nov 2024 12:08

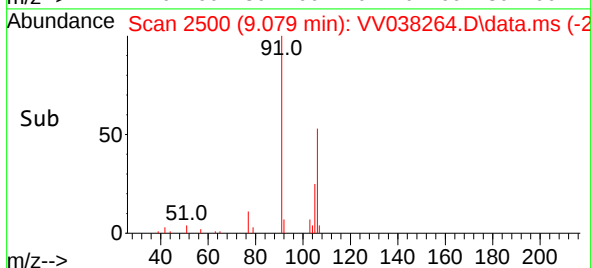
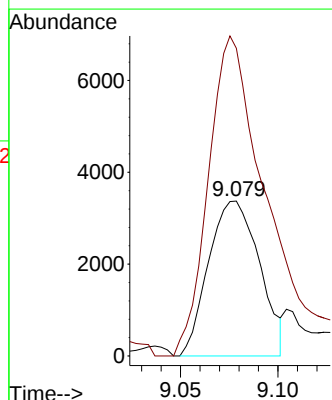
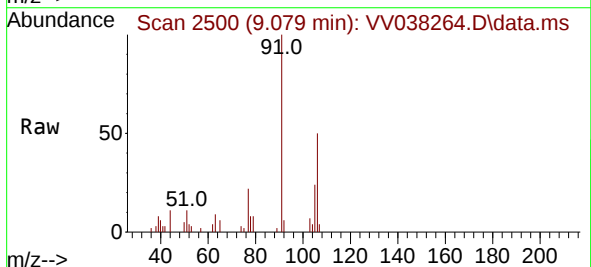
Instrument :
MSVOA_V
ClientSampleId :

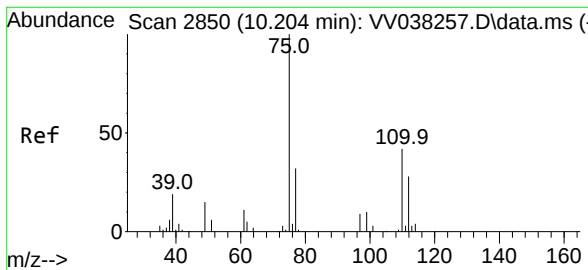
Tgt Ion: 91 Resp: 11189
Ion Ratio Lower Upper
91 100
106 29.2 21.8 40.4



#53
m,p-Xylene
Concen: 0.200 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.013 min
Lab File: VV038264.D
Acq: 22 Nov 2024 12:08

Tgt Ion: 106 Resp: 6144
Ion Ratio Lower Upper
106 100
91 198.5 138.7 257.5





#61

1,2,3-Trichloropropane

Concen: 1.310 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.974 min

Lab File: VV038264.D

Acq: 22 Nov 2024 12:08

Instrument :

MSVOA_V

ClientSampleId :

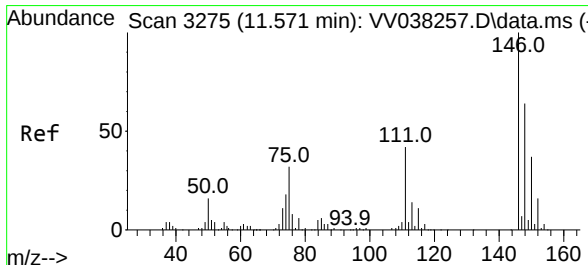
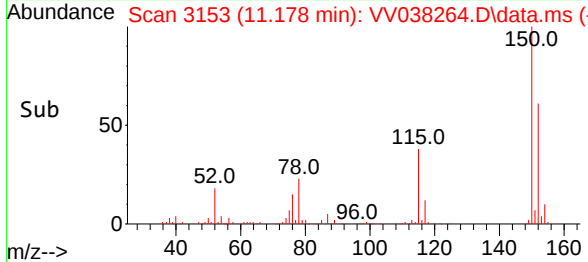
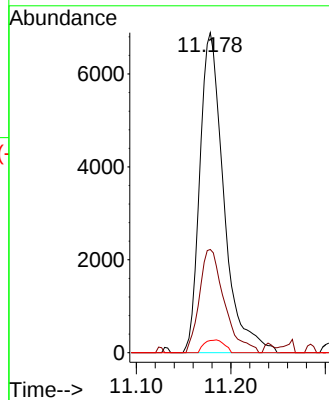
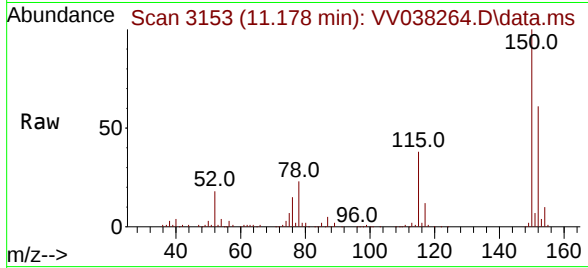
Tgt Ion: 75 Resp: 12133

Ion Ratio Lower Upper

75 100

77 33.5 26.4 39.6

110 3.3 32.3 48.5#



#67

1,2-Dichlorobenzene

Concen: 0.258 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV038264.D

Acq: 22 Nov 2024 12:08

Tgt Ion:146 Resp: 7988

Ion Ratio Lower Upper

146 100

111 41.5 34.2 51.2

148 64.7 51.0 76.4

