

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038262.D
 Acq On : 22 Nov 2024 11:20
 Operator : SY/MD
 Sample : P4883-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 23:59:37 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)

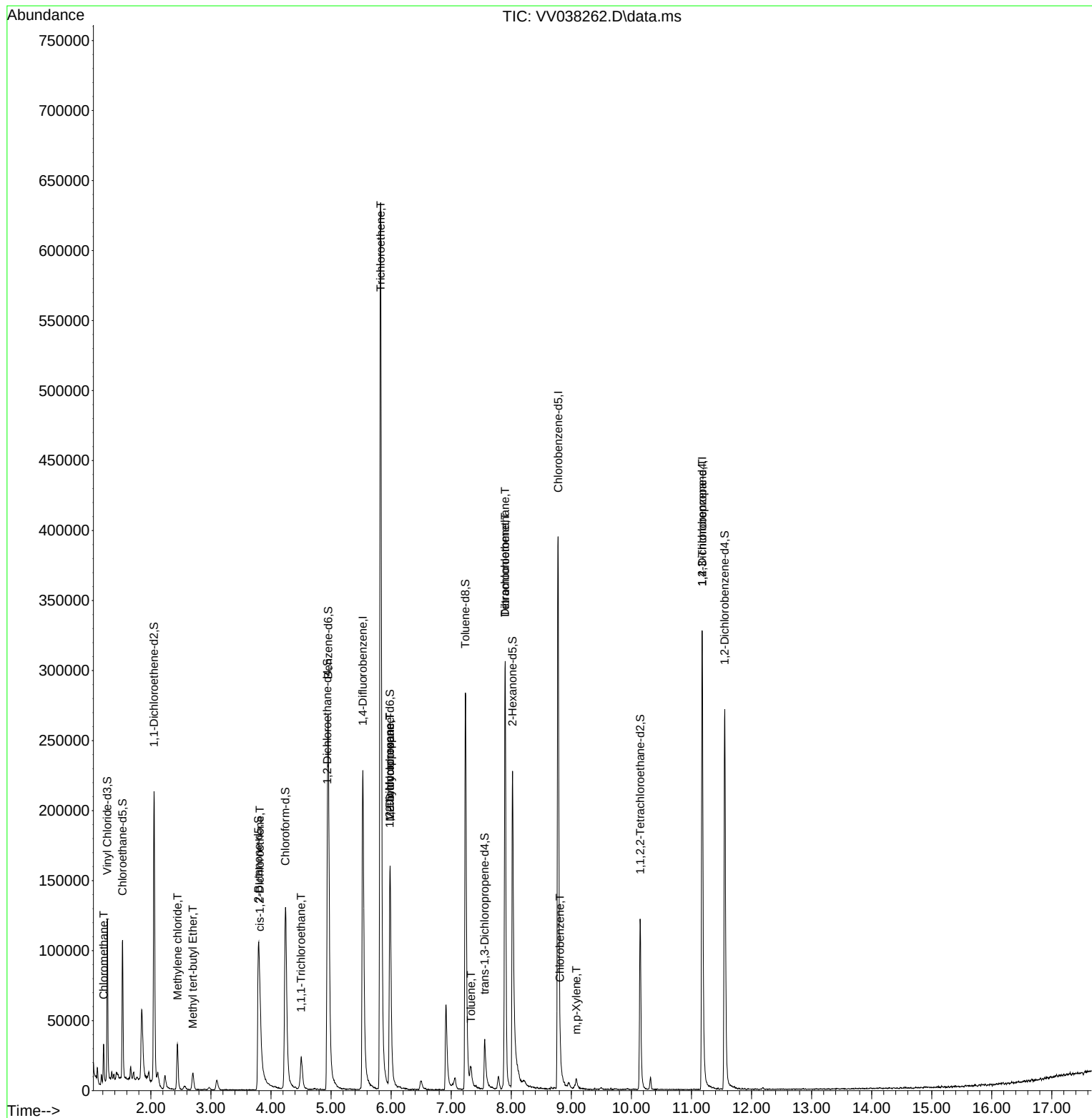
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	222826	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	235227	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	98709	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	74108	4.339	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.529	69	64097	4.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.053	65	35190	4.788	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	3.789	46	117981	34.531	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.060%
24) Chloroform-d	4.240	84	144703	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	4.937	65	65646	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	4.953	84	261266	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	5.982	67	84408	4.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.236	98	213995	3.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.558	79	27503	3.954	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.021	63	86583	32.024	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.040%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	63916	4.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	80654	4.796	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	18242	1.005	ug/L	95
16) Methylene chloride	2.442	84	14148	0.780	ug/L	92
17) Methyl tert-butyl Ether	2.699	73	9622	0.267	ug/L	95
22) cis-1,2-Dichloroethene	3.812	96	16639	0.960	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	20525	0.728	ug/L	97
34) Trichloroethene	5.825	95	238437	13.238	ug/L	98
35) Methylcyclohexane	5.982	83	20406	0.801	ug/L #	22
37) 1,2-Dichloropropane	5.979	63	9243	0.558	ug/L #	86
42) Toluene	7.330	91	12399	0.177	ug/L	99
47) Tetrachloroethene	7.899	164	71929	4.970	ug/L	98
49) Dibromochloromethane	7.899	129	63639	4.349	ug/L #	11
51) Chlorobenzene	8.812	112	7373	0.153	ug/L	95
53) m,p-Xylene	9.085	106	1671	0.060	ug/L	71
61) 1,2,3-Trichloropropane	11.178	75	10818	1.280	ug/L #	66

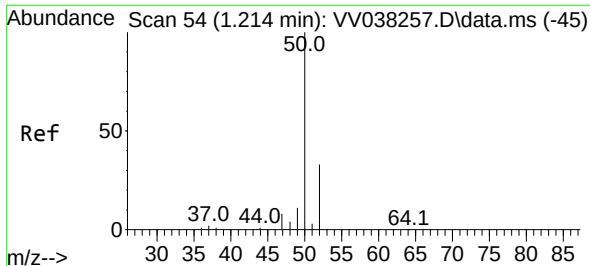
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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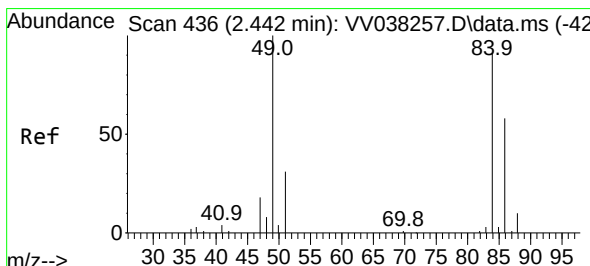
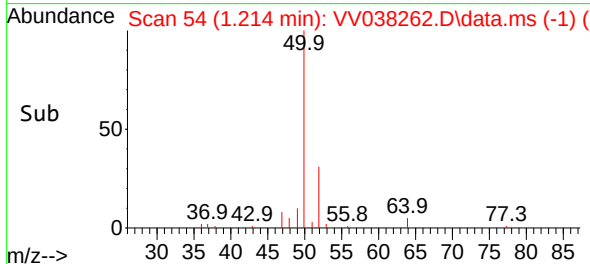
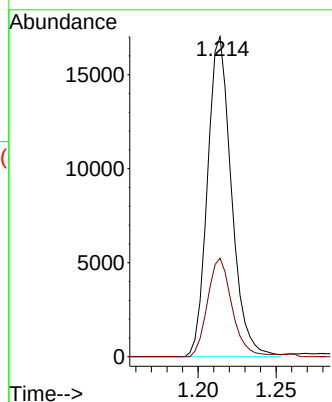
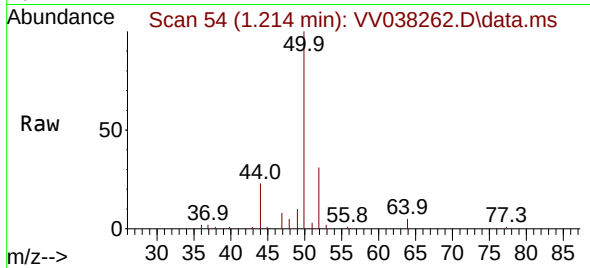




#3
Chloromethane
Concen: 1.005 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV038262.D
Acq: 22 Nov 2024 11:20

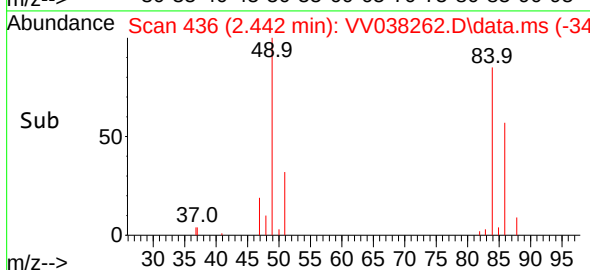
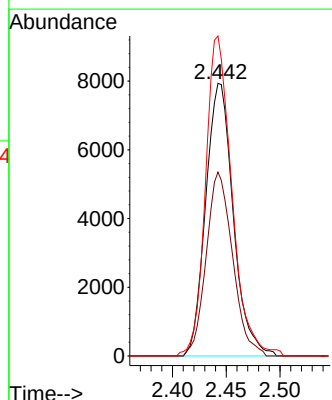
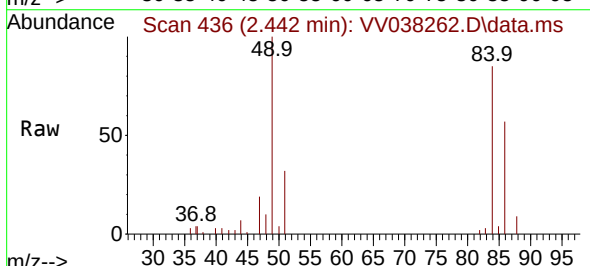
Instrument :
MSVOA_V
ClientSampleId :

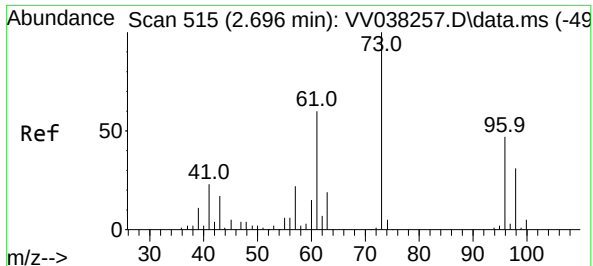
Tgt Ion: 50 Resp: 18242
Ion Ratio Lower Upper
50 100
52 30.7 23.5 43.7



#16
Methylene chloride
Concen: 0.780 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV038262.D
Acq: 22 Nov 2024 11:20

Tgt Ion: 84 Resp: 14148
Ion Ratio Lower Upper
84 100
86 67.5 44.2 82.2
49 117.4 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 0.267 ug/L

RT: 2.699 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV038262.D

Acq: 22 Nov 2024 11:20

Instrument :

MSVOA_V

ClientSampleId :

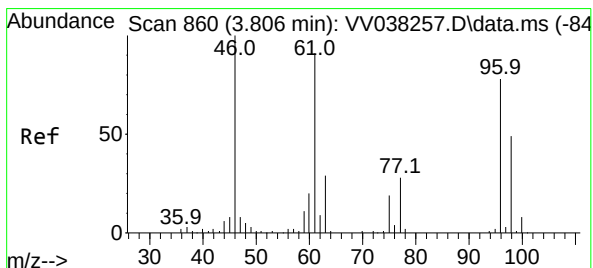
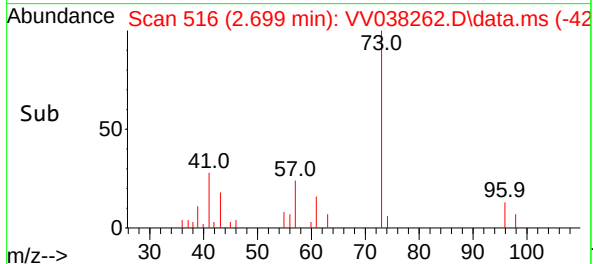
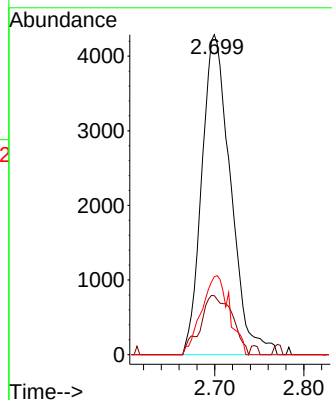
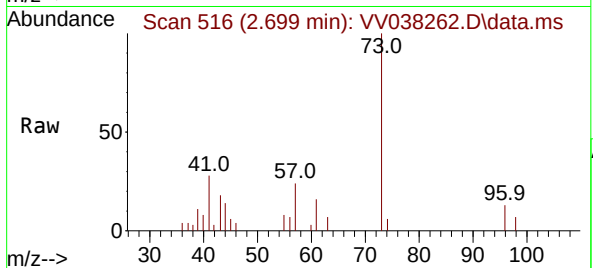
Tgt Ion: 73 Resp: 9622

Ion Ratio Lower Upper

73 100

43 20.4 14.2 21.2

57 23.8 17.6 26.4



#22

cis-1,2-Dichloroethene

Concen: 0.960 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.006 min

Lab File: VV038262.D

Acq: 22 Nov 2024 11:20

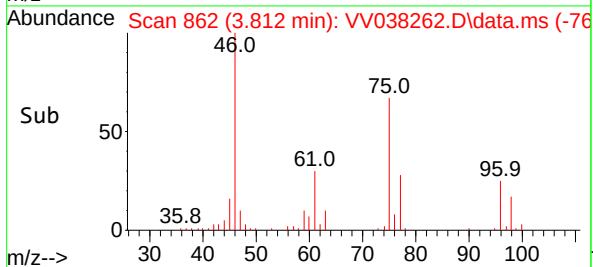
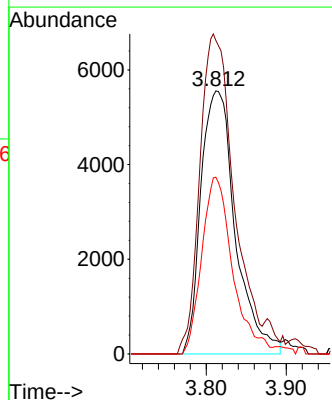
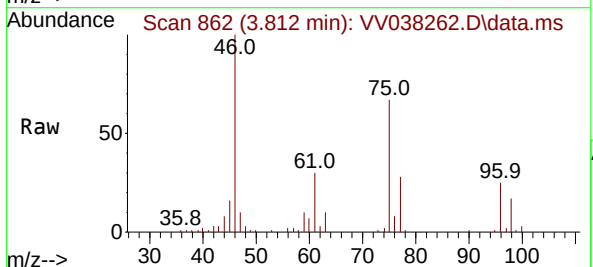
Tgt Ion: 96 Resp: 16639

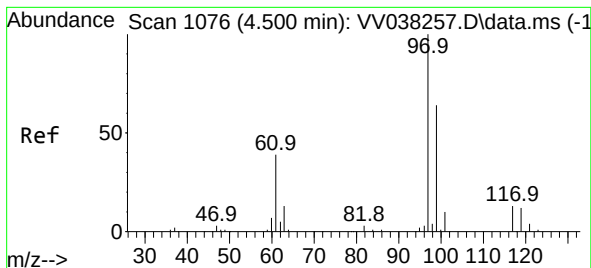
Ion Ratio Lower Upper

96 100

61 119.1 82.7 153.5

98 67.2 46.3 85.9





#29

1,1,1-Trichloroethane

Concen: 0.728 ug/L

RT: 4.503 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV038262.D

Acq: 22 Nov 2024 11:20

Instrument :

MSVOA_V

ClientSampleId :

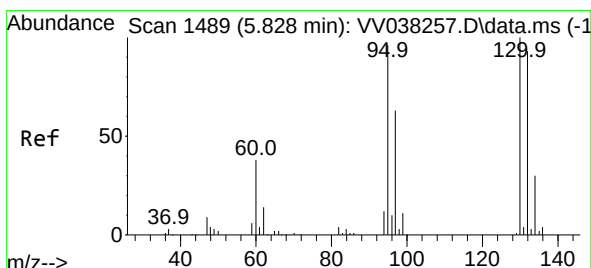
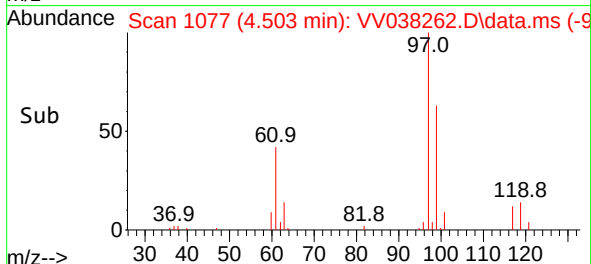
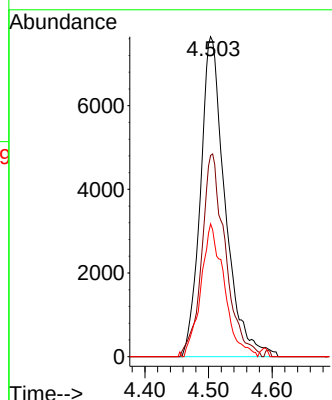
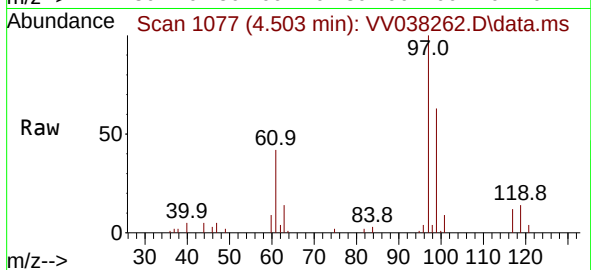
Tgt Ion: 97 Resp: 20525

Ion Ratio Lower Upper

97 100

99 61.0 51.8 77.8

61 39.5 32.2 48.2



#34

Trichloroethene

Concen: 13.238 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV038262.D

Acq: 22 Nov 2024 11:20

Tgt Ion: 95 Resp: 238437

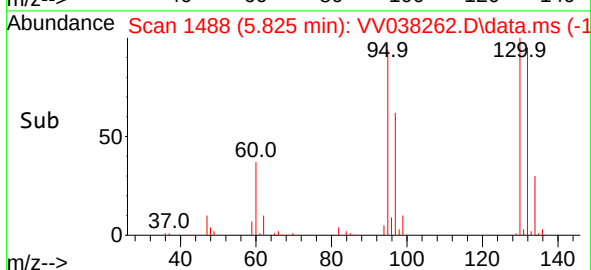
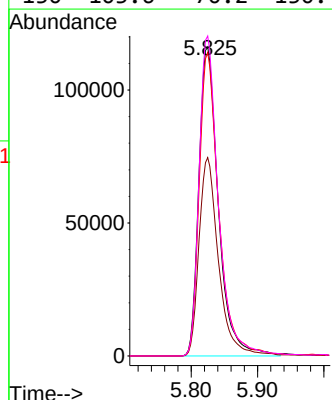
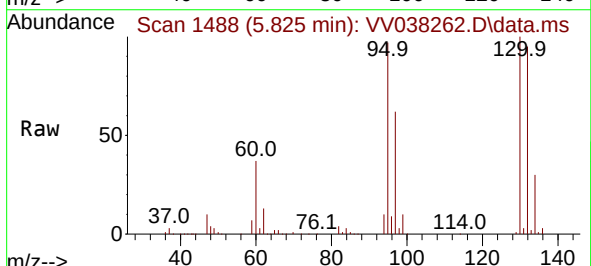
Ion Ratio Lower Upper

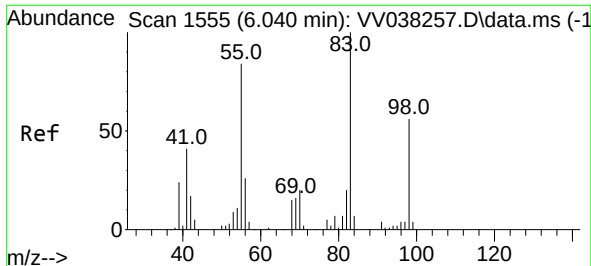
95 100

97 64.2 44.8 83.2

132 98.2 68.3 126.8

130 103.6 70.2 130.4

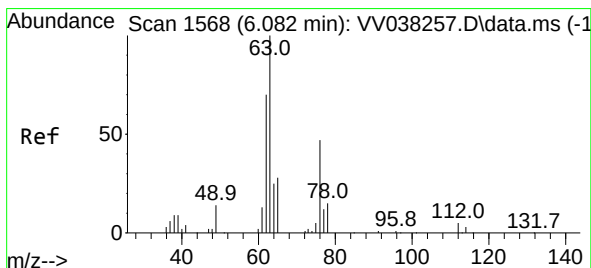
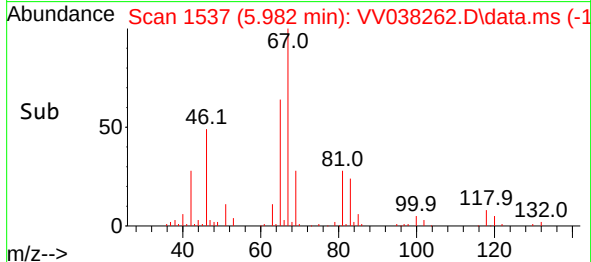
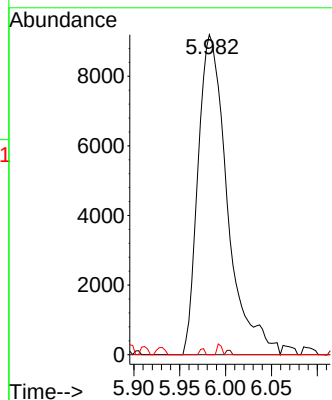
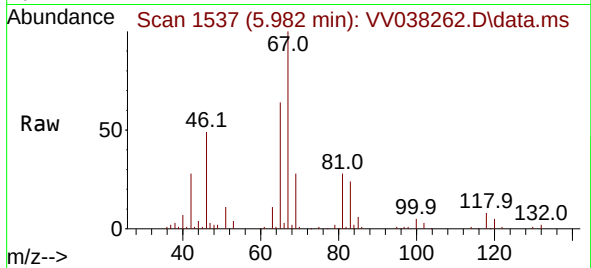




#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 5.982 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV038262.D
Acq: 22 Nov 2024 11:20

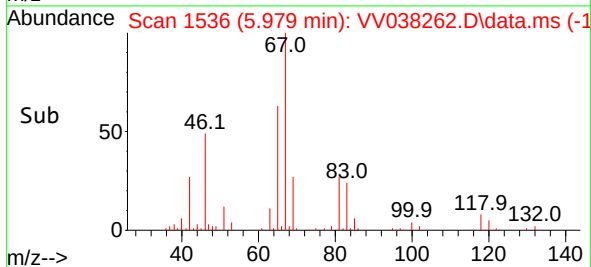
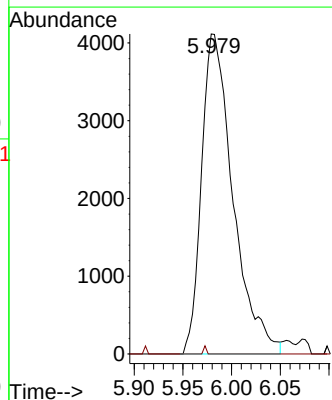
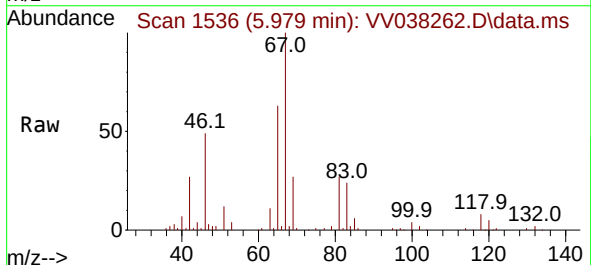
Instrument :
MSVOA_V
ClientSampleId :

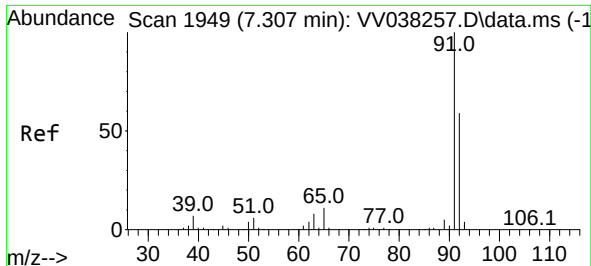
Tgt Ion	83	Resp	20406
Ion Ratio	Lower	Upper	
83	100		
55	0.2	59.7	89.5#
98	6.3	39.0	58.4#



#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 5.979 min Scan# 1536
Delta R.T. -0.103 min
Lab File: VV038262.D
Acq: 22 Nov 2024 11:20

Tgt Ion	63	Resp	9243
Ion Ratio	Lower	Upper	
63	100		
112	0.2	3.9	5.9#





#42

Toluene

Concen: 0.177 ug/L

RT: 7.330 min Scan# 1949

Delta R.T. 0.022 min

Lab File: VV038262.D

Acq: 22 Nov 2024 11:20

Instrument :

MSVOA_V

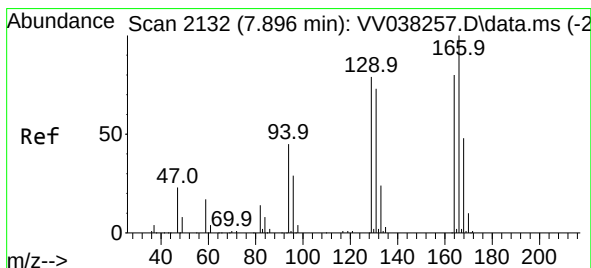
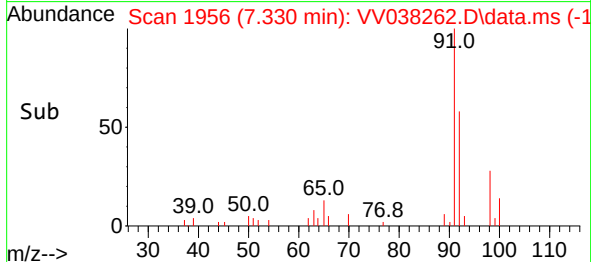
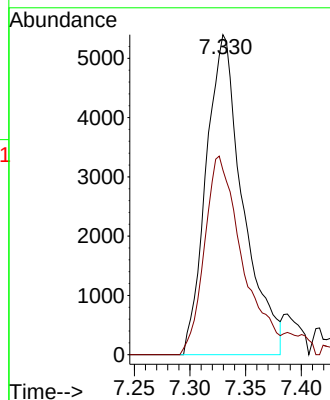
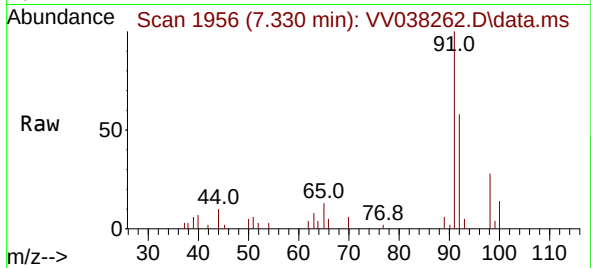
ClientSampleId :

Tgt Ion: 91 Resp: 12399

Ion Ratio Lower Upper

91 100

92 57.7 40.8 75.8



#47

Tetrachloroethene

Concen: 4.970 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038262.D

Acq: 22 Nov 2024 11:20

Tgt Ion:164 Resp: 71929

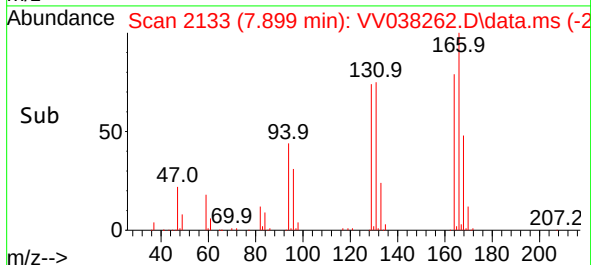
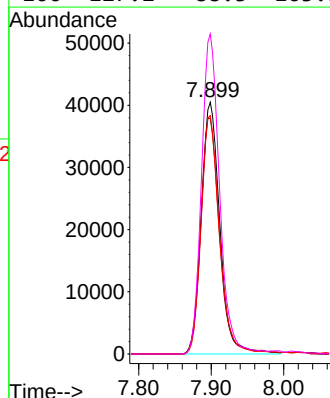
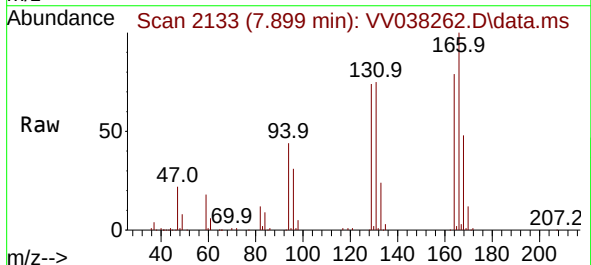
Ion Ratio Lower Upper

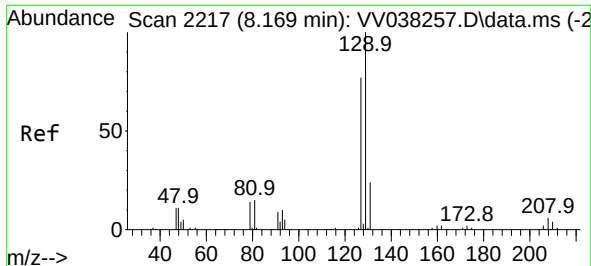
164 100

129 93.7 68.5 127.1

131 94.8 64.8 120.4

166 127.2 88.3 163.9





#49

Dibromochloromethane

Concen: 4.349 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.270 min

Lab File: VV038262.D

Acq: 22 Nov 2024 11:20

Instrument :

MSVOA_V

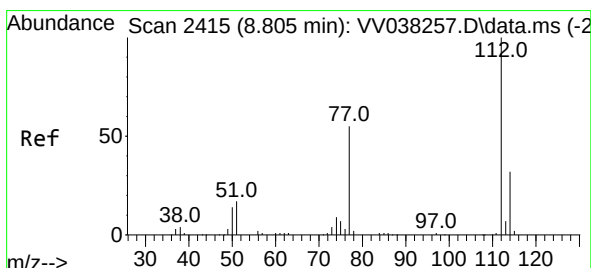
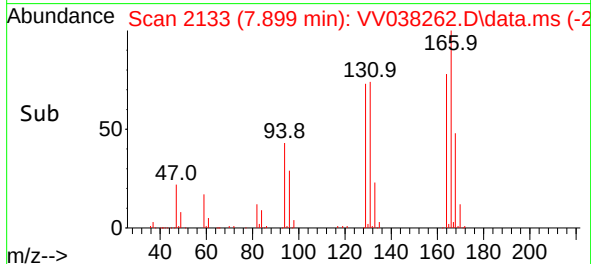
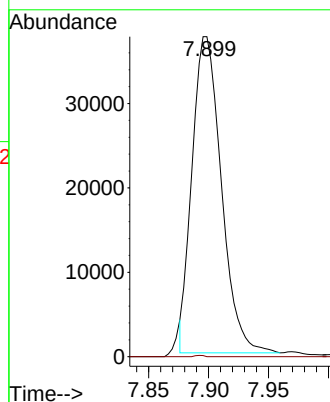
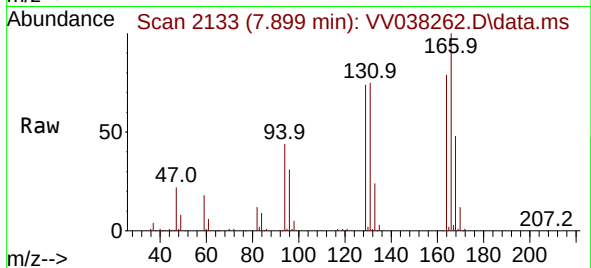
ClientSampleId :

Tgt Ion:129 Resp: 63639

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#51

Chlorobenzene

Concen: 0.153 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.006 min

Lab File: VV038262.D

Acq: 22 Nov 2024 11:20

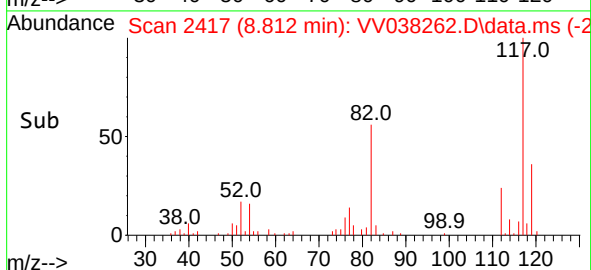
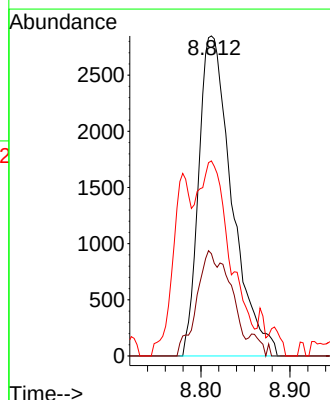
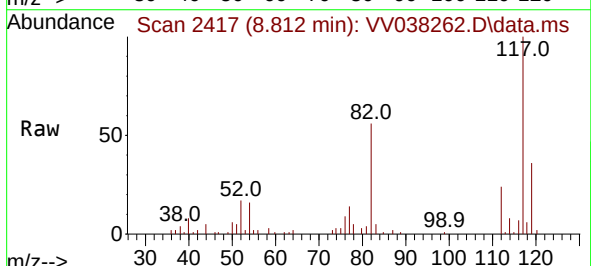
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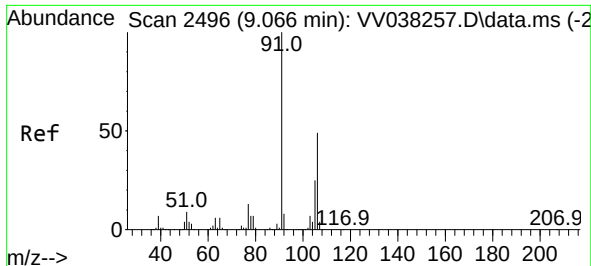
Ion Ratio Lower Upper

112 100

114 32.0 22.0 40.8

77 61.0 45.0 67.4

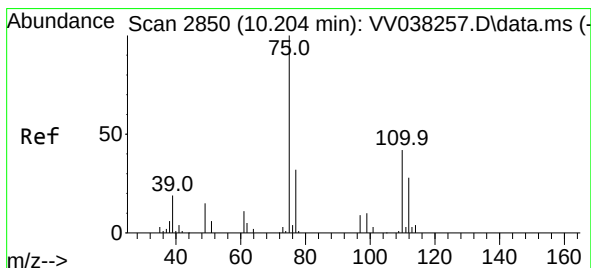
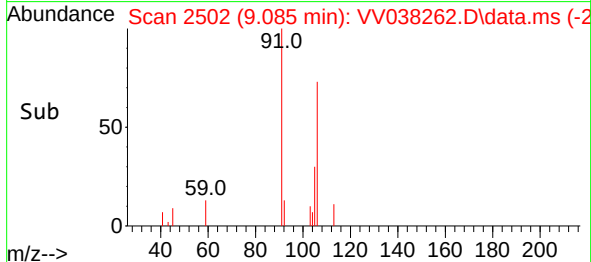
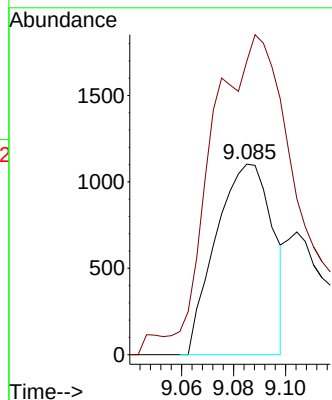
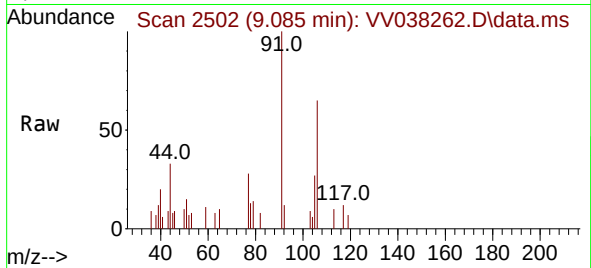




#53
m,p-Xylene
Concen: 0.060 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.019 min
Lab File: VV038262.D
Acq: 22 Nov 2024 11:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1671
Ion Ratio Lower Upper
106 100
91 153.9 138.7 257.5



#61
1,2,3-Trichloropropane
Concen: 1.280 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038262.D
Acq: 22 Nov 2024 11:20

Tgt Ion: 75 Resp: 10818
Ion Ratio Lower Upper
75 100
77 34.5 26.4 39.6
110 3.8 32.3 48.5#

