

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038261.D
 Acq On : 22 Nov 2024 10:56
 Operator : SY/MD
 Sample : P4883-17DL 2X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 23:59:17 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)

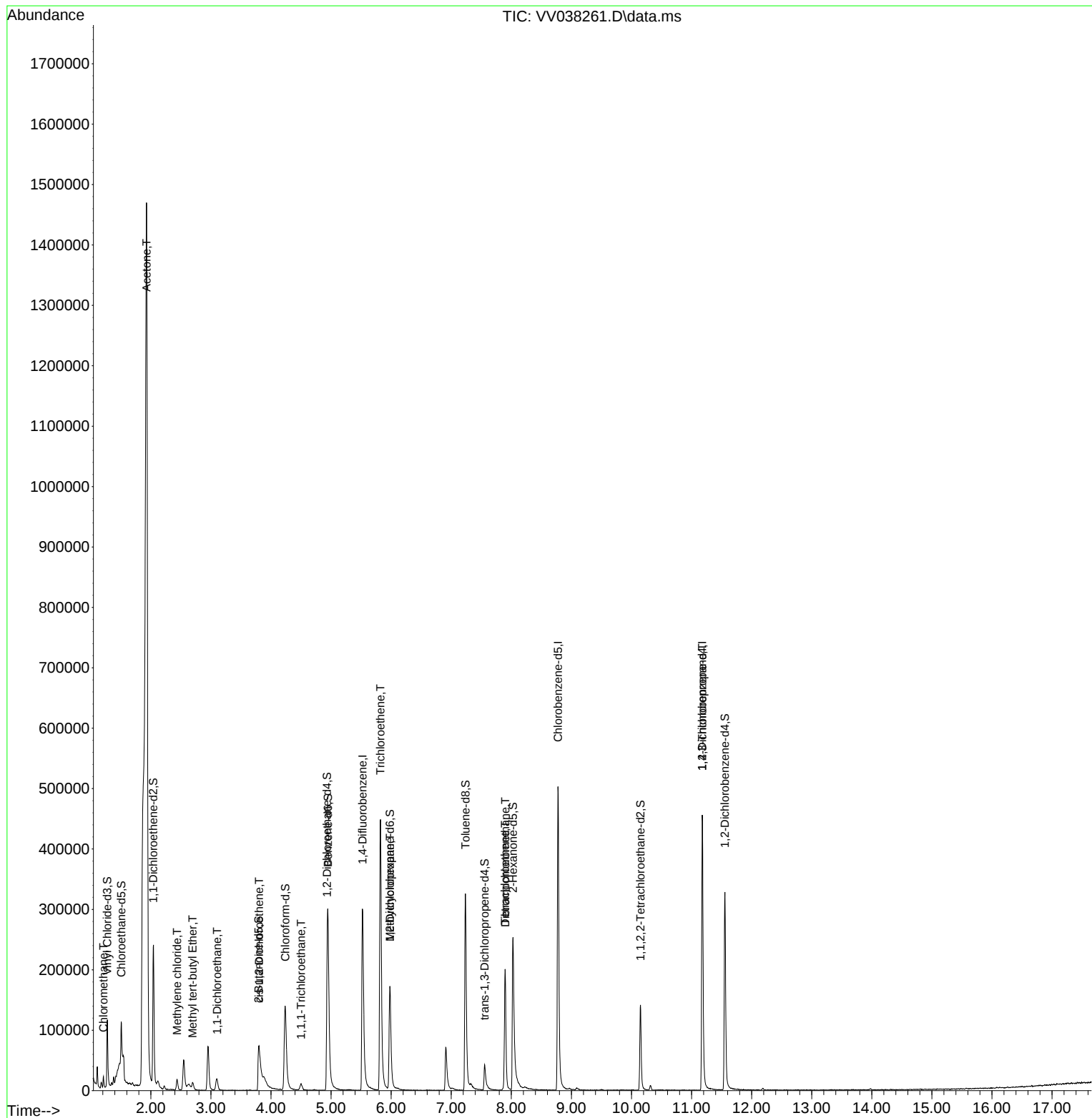
Internal Standards						
1) 1,4-Difluorobenzene	5.522	114	290219	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	306507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	126574	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	80610	3.624	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.507	69	39112	2.174	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	43.400%#
11) 1,1-Dichloroethene-d2	2.040	65	36384	3.801	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.793	46	136478	30.669	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.340%
24) Chloroform-d	4.236	84	159400	3.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
26) 1,2-Dichloroethane-d4	4.934	65	71918	3.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
32) Benzene-d6	4.947	84	291091	3.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
36) 1,2-Dichloropropane-d6	5.979	67	91609	3.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.200%
41) Toluene-d8	7.236	98	244236	3.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.600%#
43) trans-1,3-Dichloroprop...	7.555	79	31984	3.529	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.027	63	104386	29.630	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.260%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	72449	3.501	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	92371	4.283	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
3) Chloromethane	1.211	50	10927	0.462	ug/L	98
13) Acetone	1.928	43	595249	180.862	ug/L	41
16) Methylene chloride	2.436	84	8091	0.342	ug/L	96
17) Methyl tert-butyl Ether	2.696	73	11980	0.256	ug/L	97
19) 1,1-Dichloroethane	3.101	63	13958	0.352	ug/L	99
22) cis-1,2-Dichloroethene	3.802	96	7831	0.347	ug/L	91
29) 1,1,1-Trichloroethane	4.500	97	8960	0.244	ug/L	98
34) Trichloroethene	5.821	95	170022	7.244	ug/L	99
35) Methylcyclohexane	5.979	83	22564	0.680	ug/L #	19
47) Tetrachloroethene	7.895	164	49016	2.599	ug/L	96
49) Dibromochloromethane	7.899	129	42750	2.242	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	14112	1.302	ug/L #	64

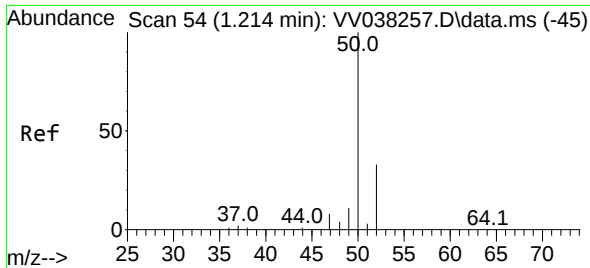
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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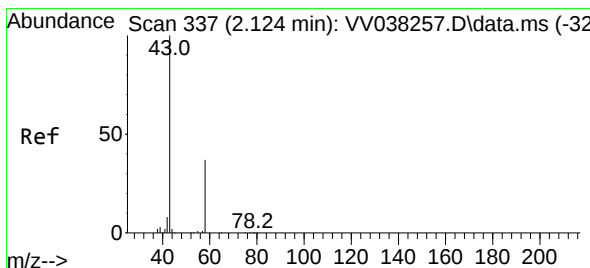
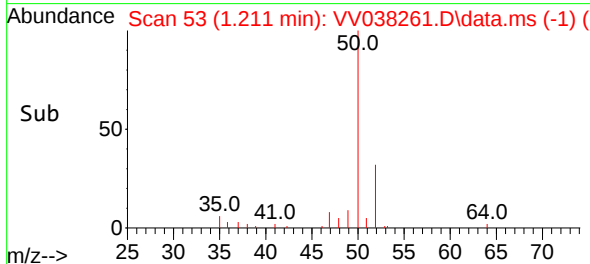
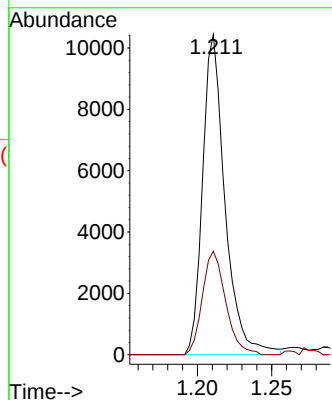
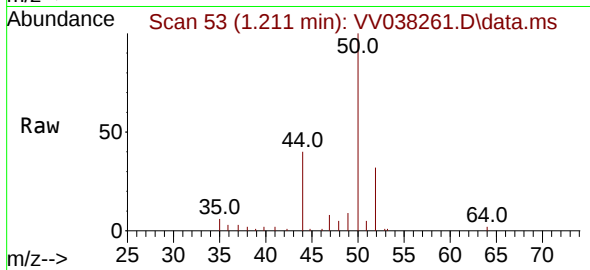




#3
Chloromethane
Concen: 0.462 ug/L
RT: 1.211 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV038261.D
Acq: 22 Nov 2024 10:56

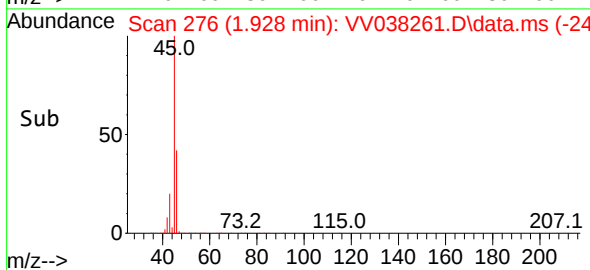
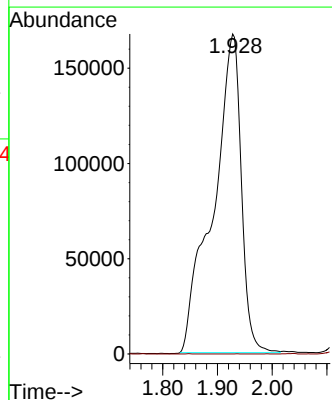
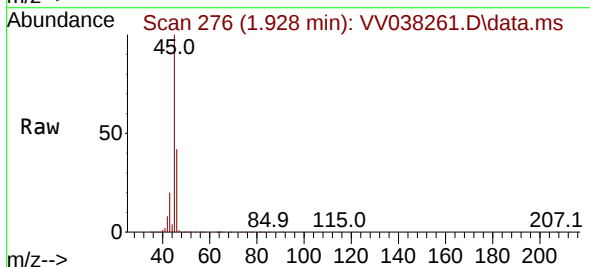
Instrument :
MSVOA_V
ClientSampleId :

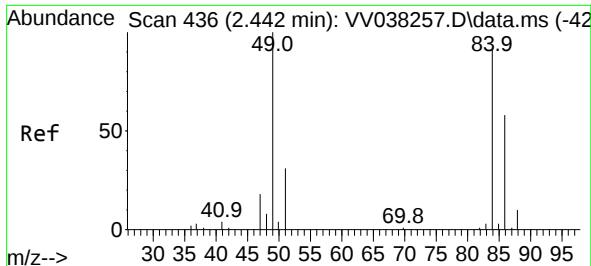
Tgt Ion: 50 Resp: 10927
Ion Ratio Lower Upper
50 100
52 32.3 23.5 43.7



#13
Acetone
Concen: 180.862 ug/L
RT: 1.928 min Scan# 276
Delta R.T. -0.196 min
Lab File: VV038261.D
Acq: 22 Nov 2024 10:56

Tgt Ion: 43 Resp: 595249
Ion Ratio Lower Upper
43 100
58 0.0 0.0 67.2

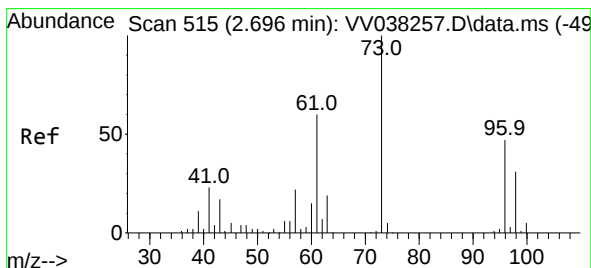
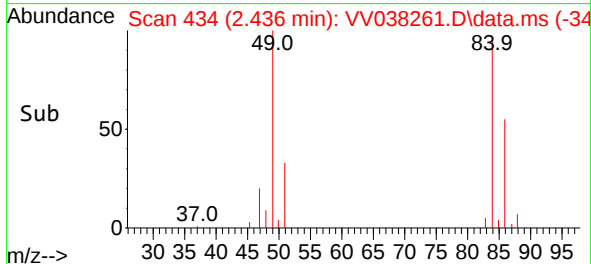
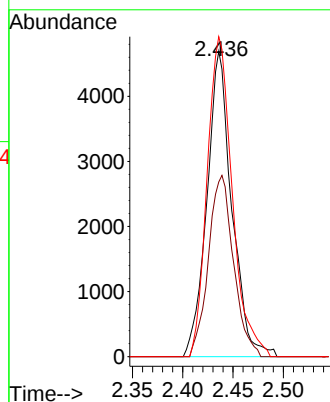
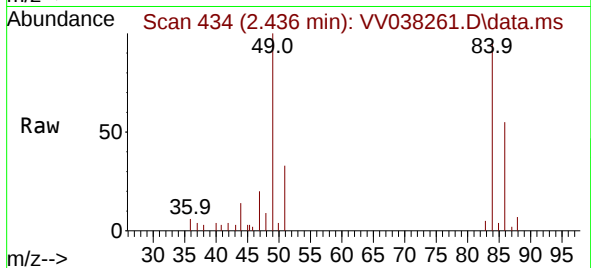




#16
Methylene chloride
Concen: 0.342 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV038261.D
Acq: 22 Nov 2024 10:56

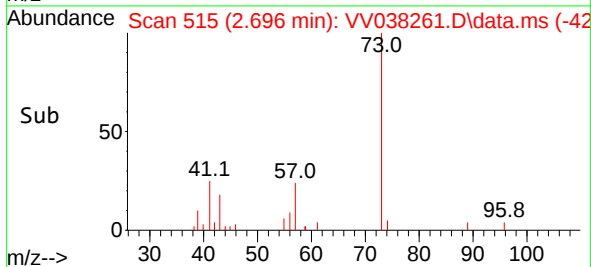
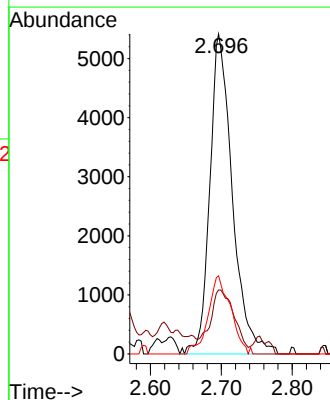
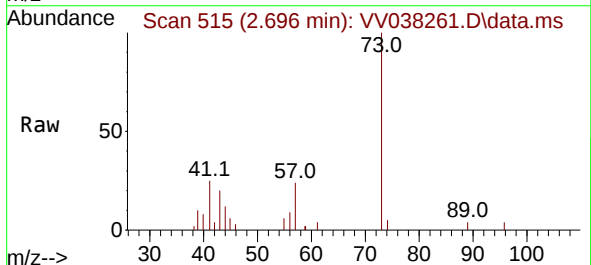
Instrument :
MSVOA_V
ClientSampleId :

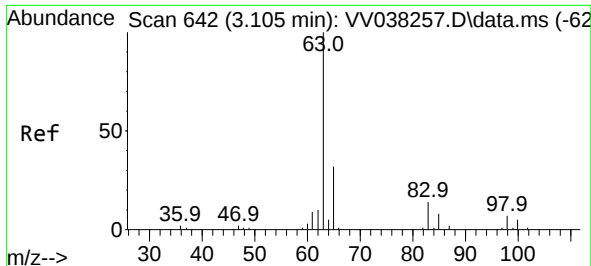
Tgt Ion: 84 Resp: 8091
Ion Ratio Lower Upper
84 100
86 57.2 44.2 82.2
49 104.8 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 0.256 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV038261.D
Acq: 22 Nov 2024 10:56

Tgt Ion: 73 Resp: 11980
Ion Ratio Lower Upper
73 100
43 18.1 14.2 21.2
57 24.4 17.6 26.4





#19

1,1-Dichloroethane

Concen: 0.352 ug/L

RT: 3.101 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV038261.D

Acq: 22 Nov 2024 10:56

Instrument :

MSVOA_V

ClientSampleId :

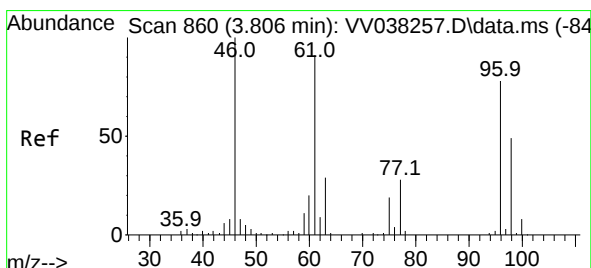
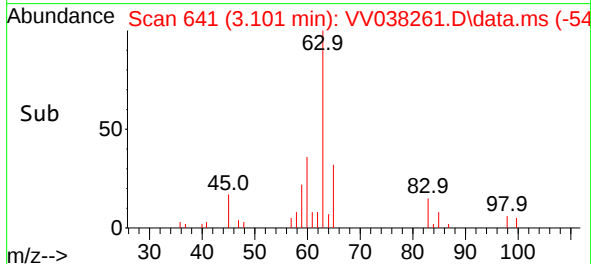
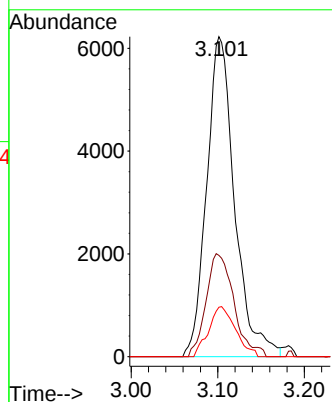
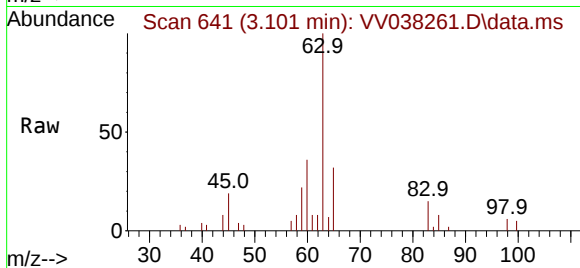
Tgt Ion: 63 Resp: 13958

Ion Ratio Lower Upper

63 100

65 31.6 22.5 41.7

83 15.5 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 0.347 ug/L

RT: 3.802 min Scan# 859

Delta R.T. -0.003 min

Lab File: VV038261.D

Acq: 22 Nov 2024 10:56

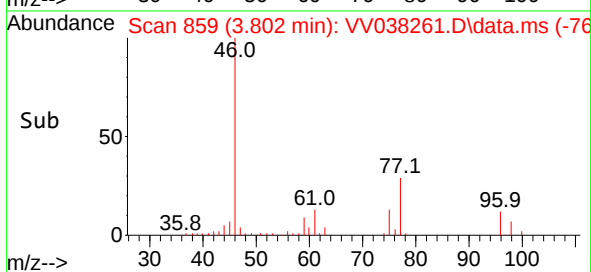
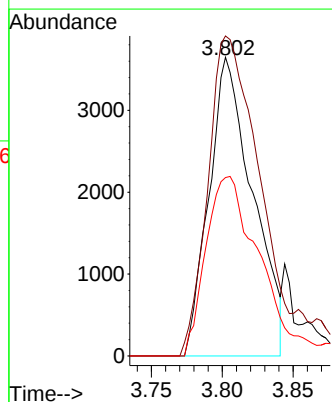
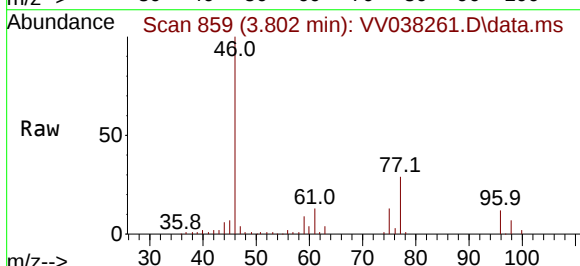
Tgt Ion: 96 Resp: 7831

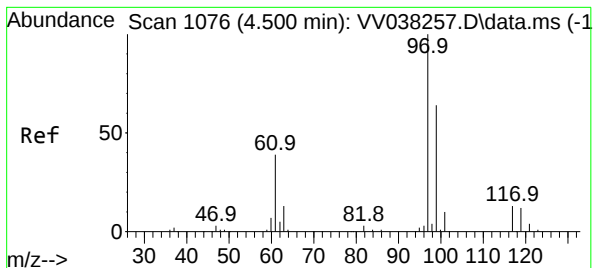
Ion Ratio Lower Upper

96 100

61 107.1 82.7 153.5

98 59.7 46.3 85.9





#29

1,1,1-Trichloroethane

Concen: 0.244 ug/L

RT: 4.500 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038261.D

Acq: 22 Nov 2024 10:56

Instrument :

MSVOA_V

ClientSampleId :

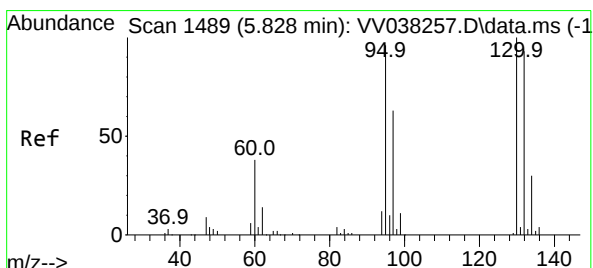
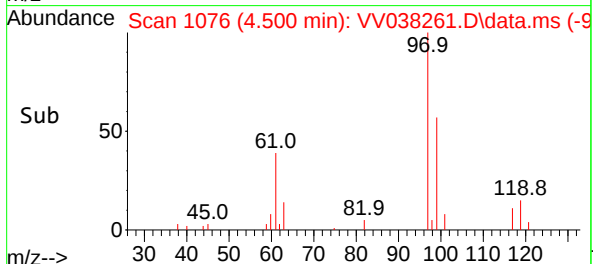
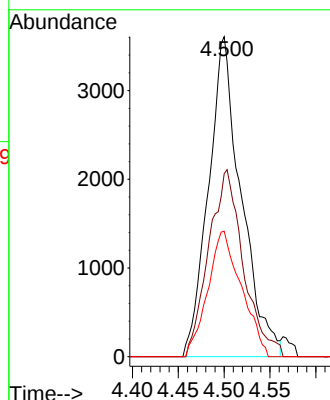
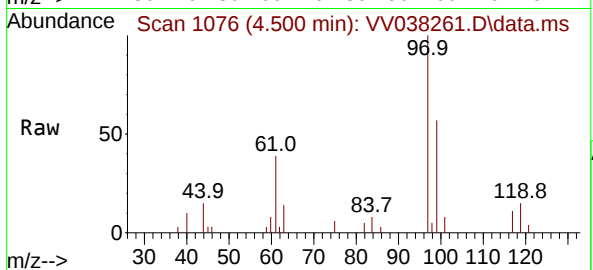
Tgt Ion: 97 Resp: 8960

Ion Ratio Lower Upper

97 100

99 61.9 51.8 77.8

61 40.3 32.2 48.2



#34

Trichloroethene

Concen: 7.244 ug/L

RT: 5.821 min Scan# 1487

Delta R.T. -0.007 min

Lab File: VV038261.D

Acq: 22 Nov 2024 10:56

Tgt Ion: 95 Resp: 170022

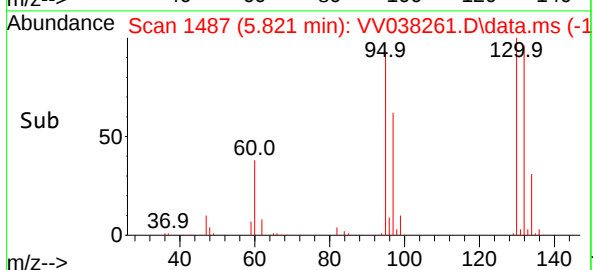
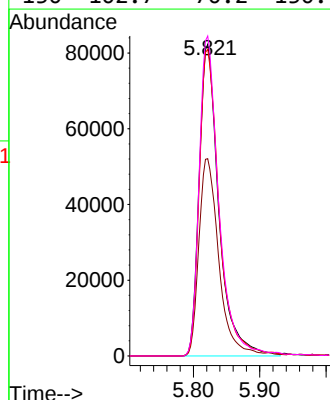
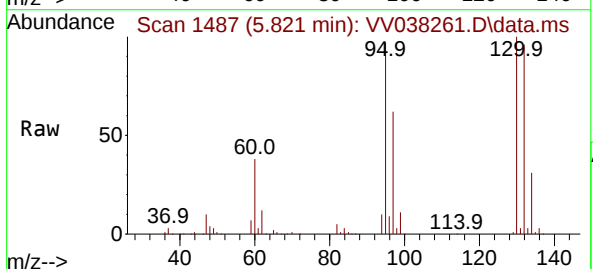
Ion Ratio Lower Upper

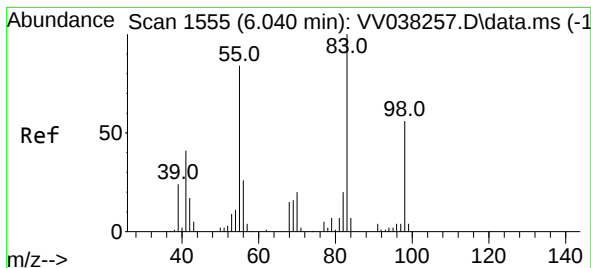
95 100

97 63.3 44.8 83.2

132 98.4 68.3 126.8

130 102.7 70.2 130.4





#35

Methylcyclohexane

Concen: 0.680 ug/L

RT: 5.979 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV038261.D

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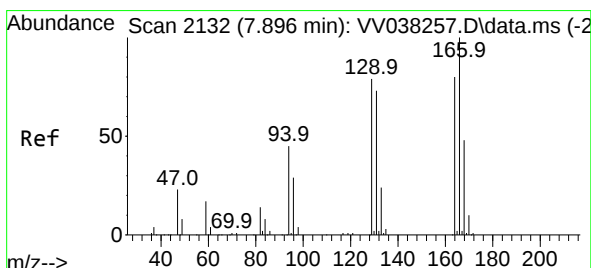
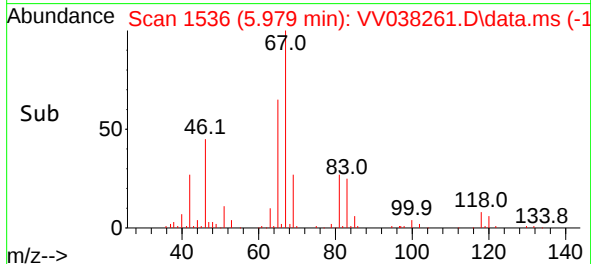
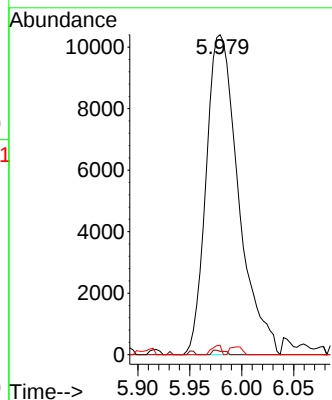
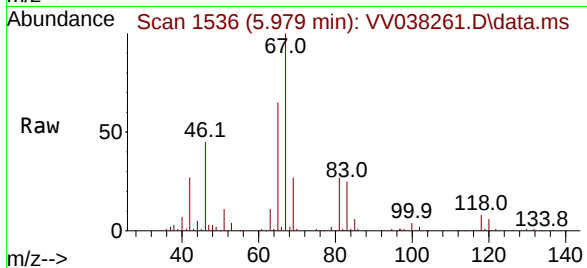
Tgt Ion: 83 Resp: 22564

Ion Ratio Lower Upper

83 100

55 0.5 59.7 89.5#

98 0.8 39.0 58.4#



#47

Tetrachloroethene

Concen: 2.599 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV038261.D

Acq: 22 Nov 2024 10:56

Tgt Ion:164 Resp: 49016

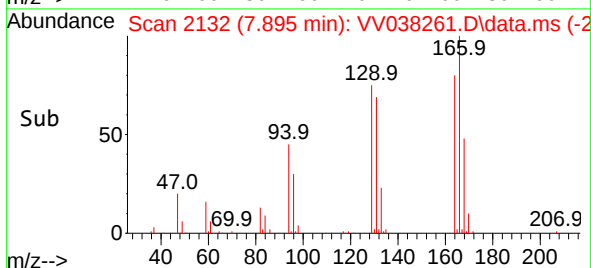
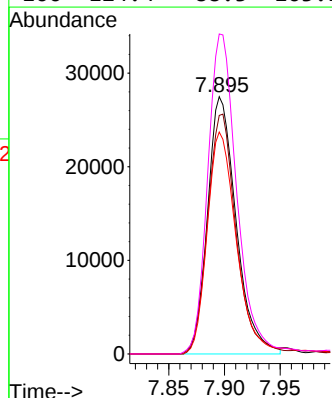
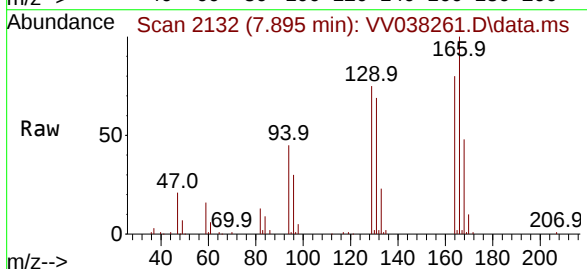
Ion Ratio Lower Upper

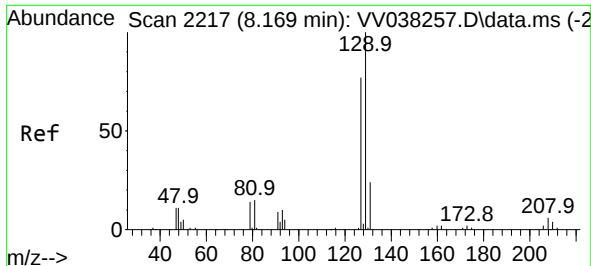
164 100

129 92.7 68.5 127.1

131 86.3 64.8 120.4

166 124.4 88.3 163.9

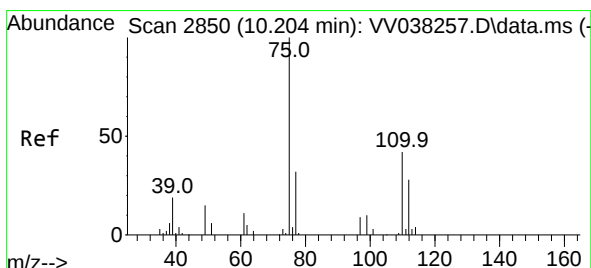
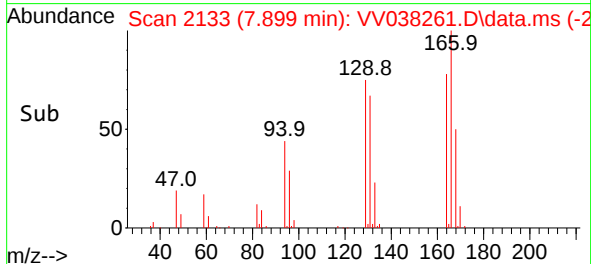
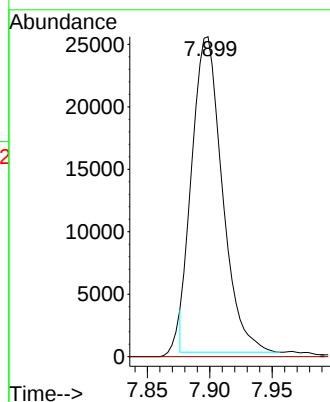
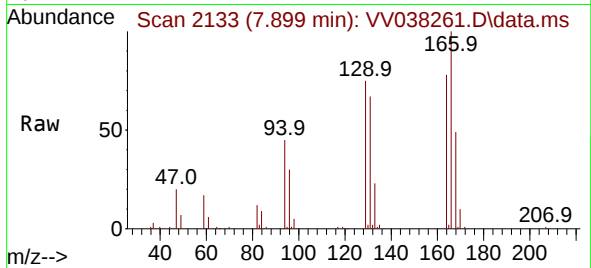




#49
Dibromochloromethane
Concen: 2.242 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038261.D
Acq: 22 Nov 2024 10:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 42750
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#61
1,2,3-Trichloropropane
Concen: 1.302 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038261.D
Acq: 22 Nov 2024 10:56

Tgt Ion: 75 Resp: 14112
Ion Ratio Lower Upper
75 100
77 37.5 26.4 39.6
110 3.4 32.3 48.5#

