

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038260.D
 Acq On : 22 Nov 2024 10:22
 Operator : SY/MD
 Sample : P4883-16DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 23:58:57 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)

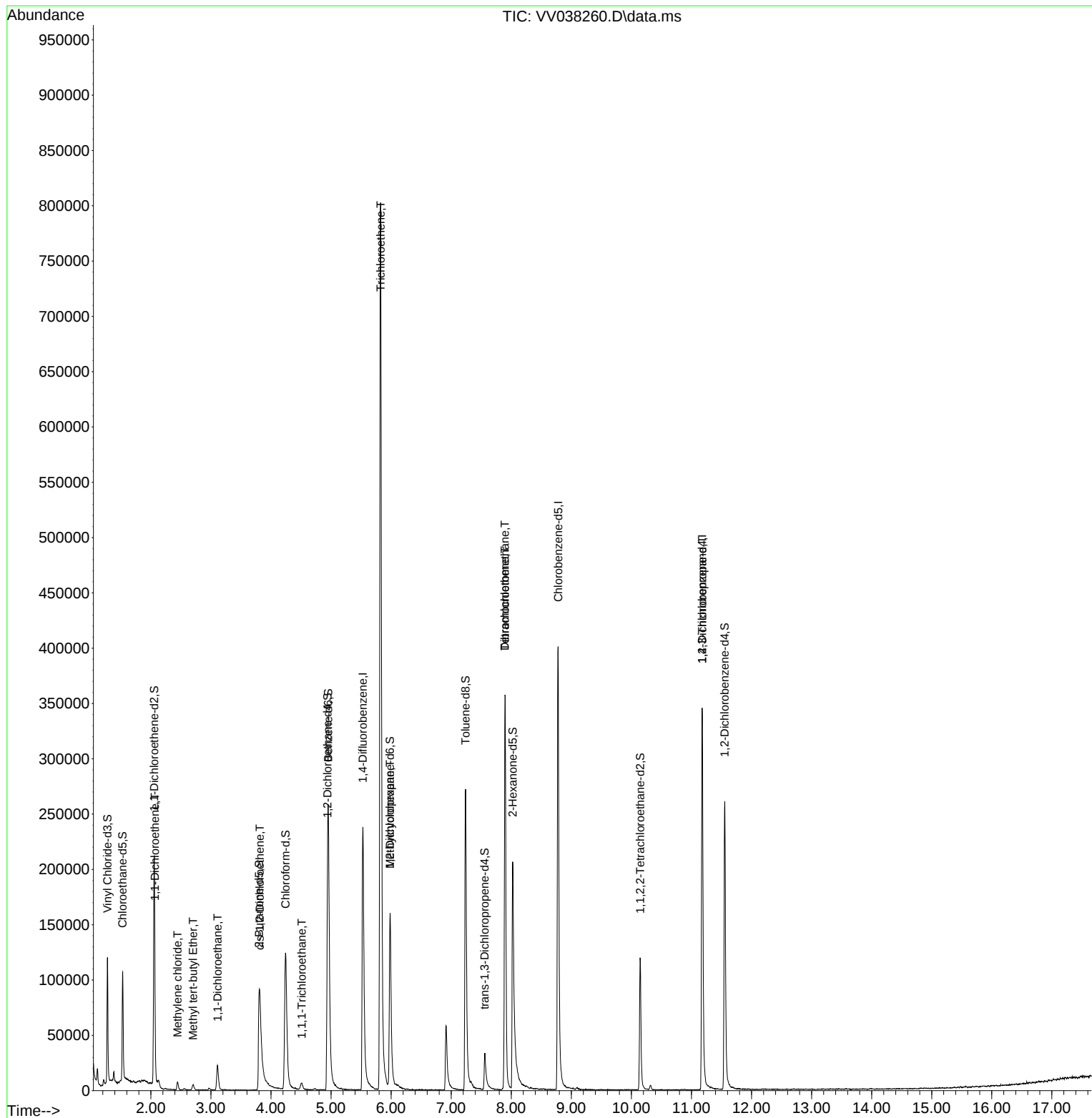
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	223753	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	250986	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	102604	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	74743	4.358	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.529	69	64341	4.638	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.056	65	33350	4.519	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	3.802	46	120126	35.014	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.020%
24) Chloroform-d	4.243	84	143507	4.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	4.941	65	64323	4.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	4.953	84	254526	3.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	5.982	67	81956	4.106	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.200%
41) Toluene-d8	7.240	98	209008	3.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	7.558	79	25994	3.503	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.000%
46) 2-Hexanone-d5	8.024	63	85417	29.610	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.220%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	63740	3.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	75199	4.302	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.066	96	5491	0.344	ug/L #	1
16) Methylene chloride	2.446	84	3257	0.179	ug/L	92
17) Methyl tert-butyl Ether	2.703	73	4704	0.130	ug/L #	88
19) 1,1-Dichloroethane	3.111	63	22377	0.732	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	13478	0.774	ug/L	91
29) 1,1,1-Trichloroethane	4.513	97	5537	0.184	ug/L #	93
34) Trichloroethene	5.825	95	303474	15.791	ug/L	97
35) Methylcyclohexane	5.982	83	20782	0.764	ug/L #	20
47) Tetrachloroethene	7.895	164	86466	5.599	ug/L	97
49) Dibromochloromethane	7.895	129	77119	4.939	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	11432	1.301	ug/L #	64

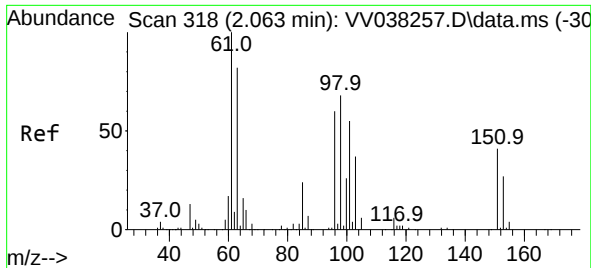
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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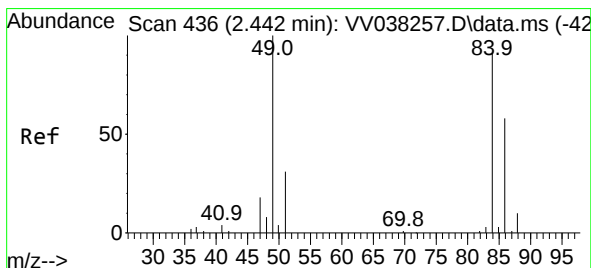
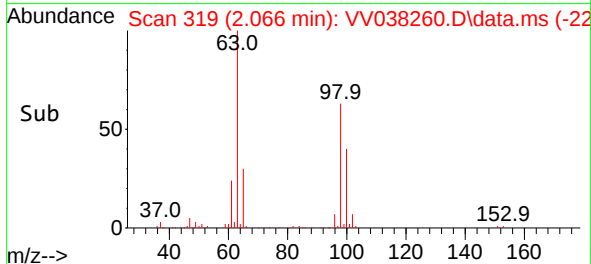
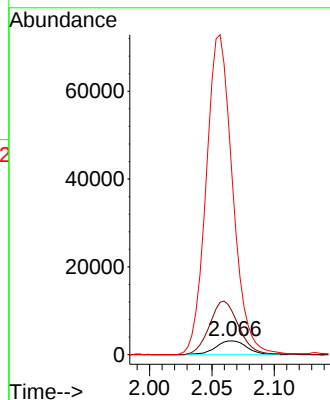
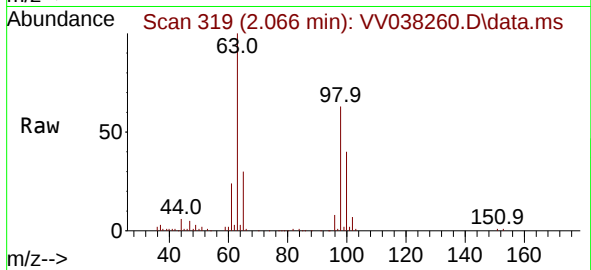




#12
1,1-Dichloroethene
Concen: 0.344 ug/L
RT: 2.066 min Scan# 318
Delta R.T. 0.003 min
Lab File: VV038260.D
Acq: 22 Nov 2024 10:22

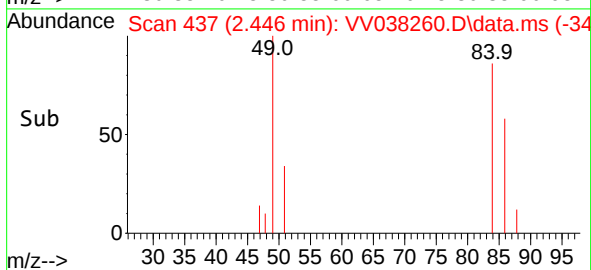
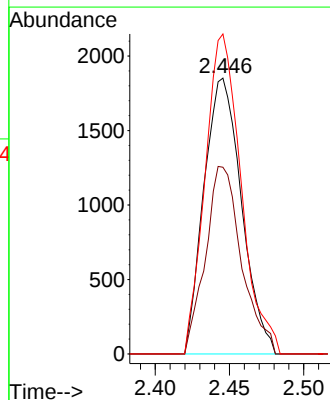
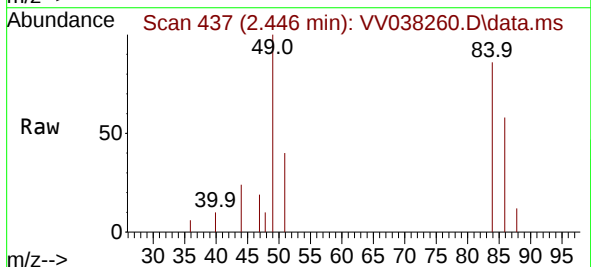
Instrument :
MSVOA_V
ClientSampleId :

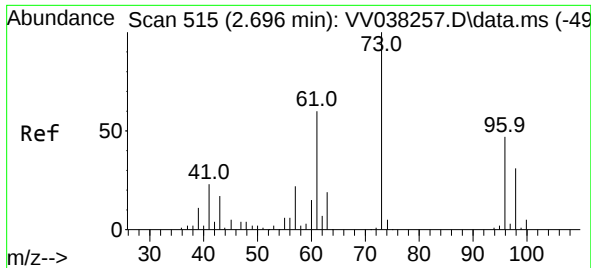
Tgt Ion: 96 Resp: 5491
Ion Ratio Lower Upper
96 100
61 315.6 115.7 214.9#
63 1295.5 101.1 187.7#



#16
Methylene chloride
Concen: 0.179 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV038260.D
Acq: 22 Nov 2024 10:22

Tgt Ion: 84 Resp: 3257
Ion Ratio Lower Upper
84 100
86 67.7 44.2 82.2
49 116.0 74.9 139.1

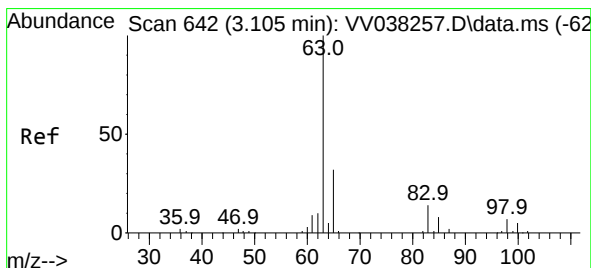
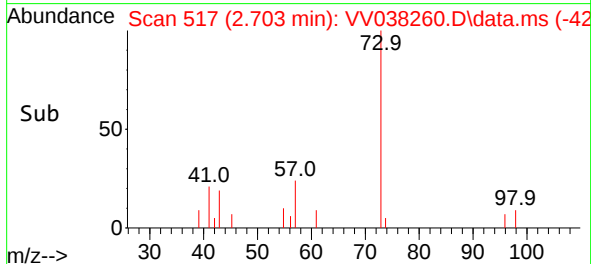
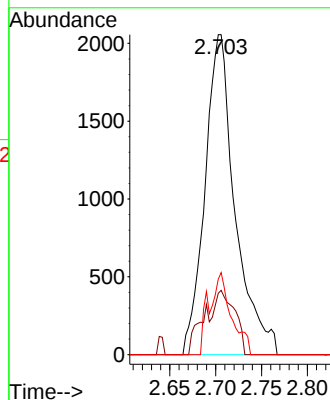
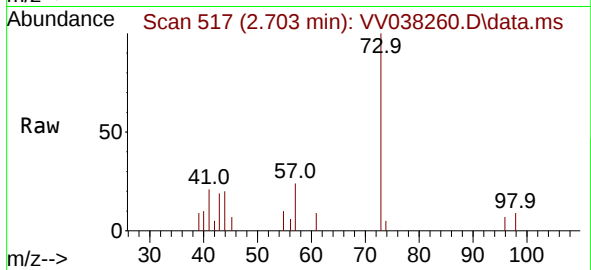




#17
Methyl tert-butyl Ether
Concen: 0.130 ug/L
RT: 2.703 min Scan# 515
Delta R.T. 0.006 min
Lab File: VV038260.D
Acq: 22 Nov 2024 10:22

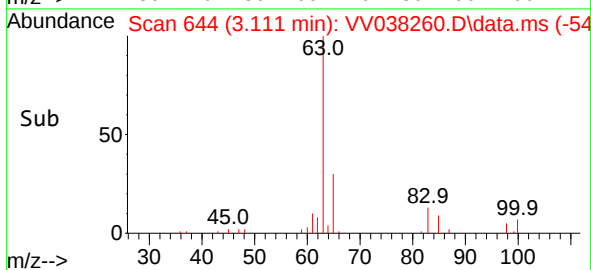
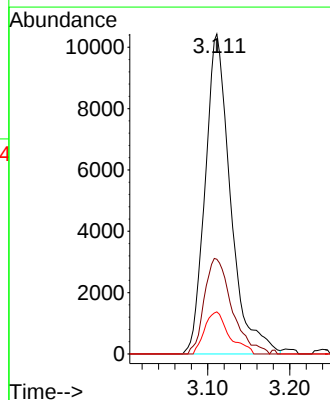
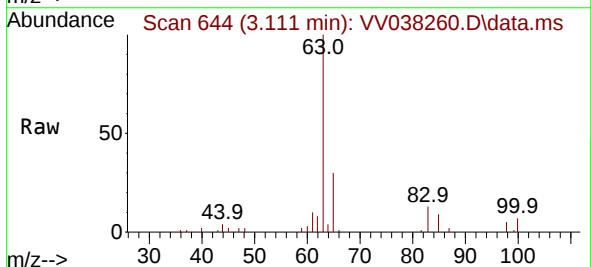
Instrument :
MSVOA_V
ClientSampleId :

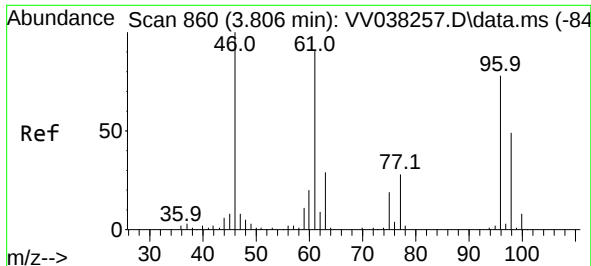
Tgt Ion: 73 Resp: 4704
Ion Ratio Lower Upper
73 100
43 13.8 14.2 21.2#
57 15.0 17.6 26.4#



#19
1,1-Dichloroethane
Concen: 0.732 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV038260.D
Acq: 22 Nov 2024 10:22

Tgt Ion: 63 Resp: 22377
Ion Ratio Lower Upper
63 100
65 29.6 22.5 41.7
83 13.2 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 0.774 ug/L

RT: 3.815 min Scan# 80

Delta R.T. 0.010 min

Lab File: VV038260.D

Acq: 22 Nov 2024 10:22

Instrument :

MSVOA_V

ClientSampleId :

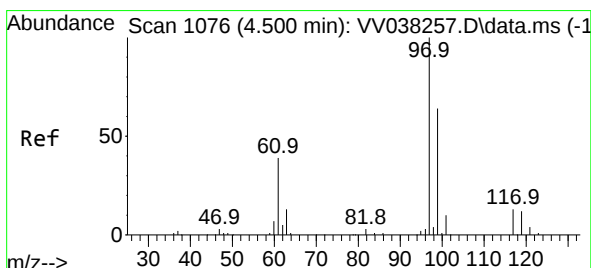
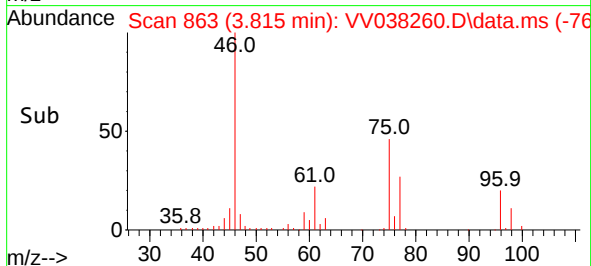
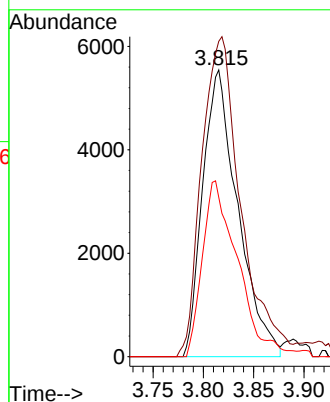
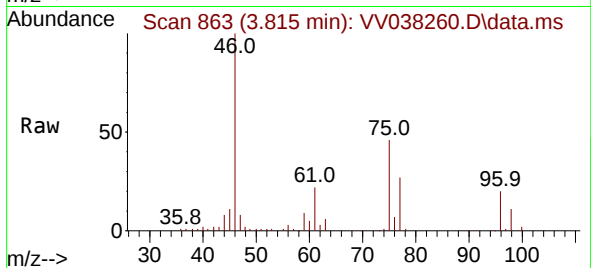
Tgt Ion: 96 Resp: 13478

Ion Ratio Lower Upper

96 100

61 110.0 82.7 153.5

98 55.6 46.3 85.9



#29

1,1,1-Trichloroethane

Concen: 0.184 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.013 min

Lab File: VV038260.D

Acq: 22 Nov 2024 10:22

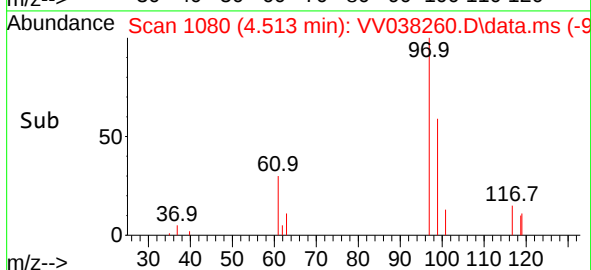
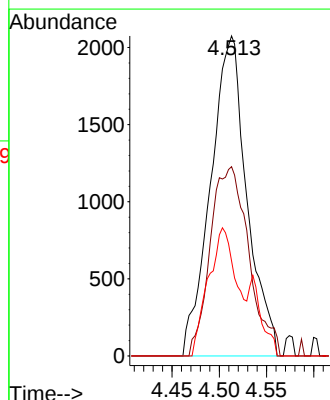
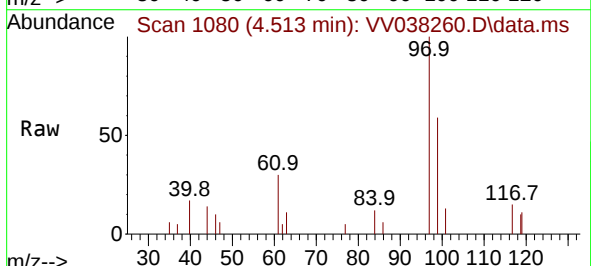
Tgt Ion: 97 Resp: 5537

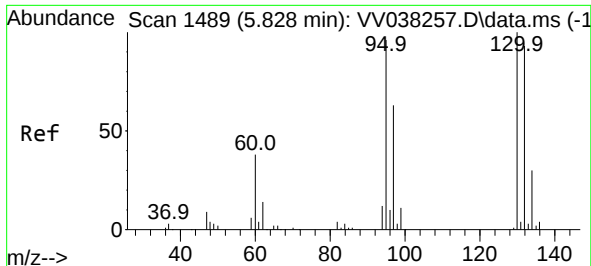
Ion Ratio Lower Upper

97 100

99 62.8 51.8 77.8

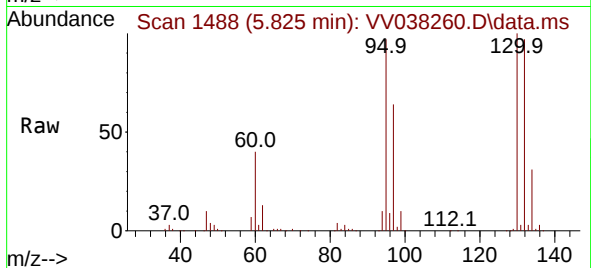
61 31.7 32.2 48.2#



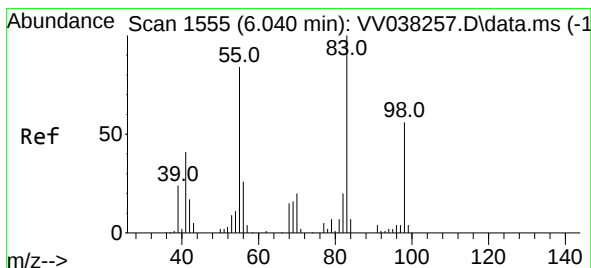
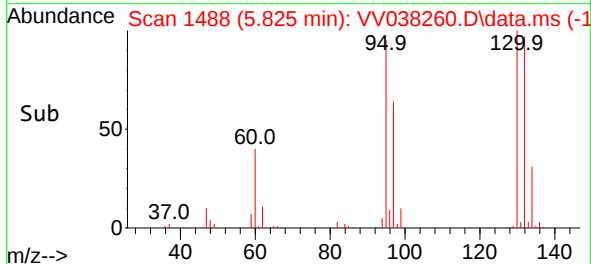
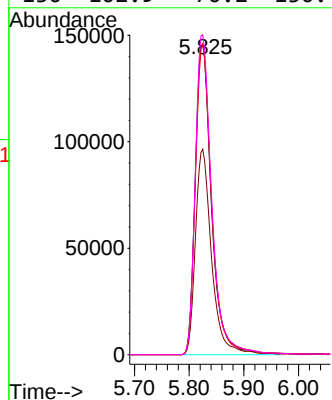


#34
Trichloroethene
Concen: 15.791 ug/L
RT: 5.825 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV038260.D
Acq: 22 Nov 2024 10:22

Instrument :
MSVOA_V
ClientSampleId :

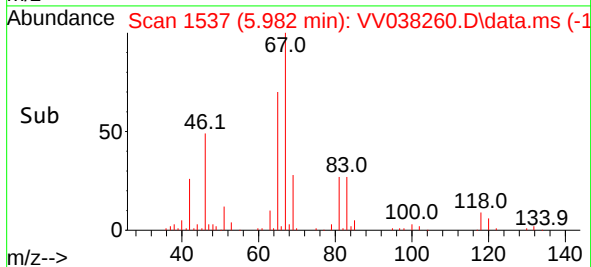
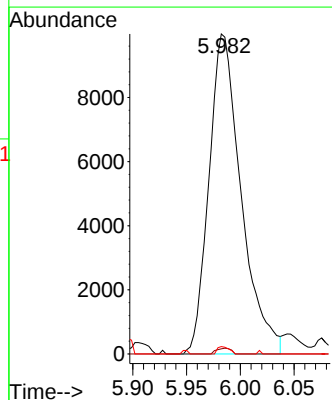
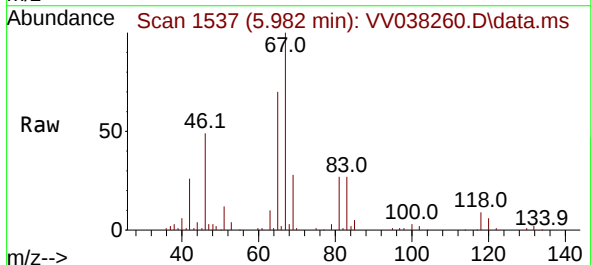


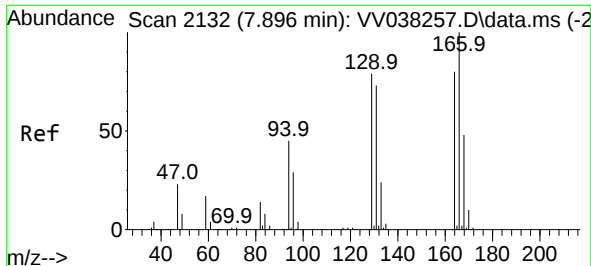
Tgt Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.8	83.2
132	99.9	68.3	126.8
130	102.9	70.2	130.4



#35
Methylcyclohexane
Concen: 0.764 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038260.D
Acq: 22 Nov 2024 10:22

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.8	59.7	89.5#
98	1.5	39.0	58.4#





#47

Tetrachloroethene

Concen: 5.599 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

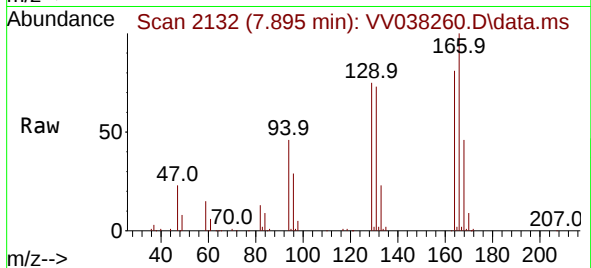
Lab File: VV038260.D

Acq: 22 Nov 2024 10:22

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 86466

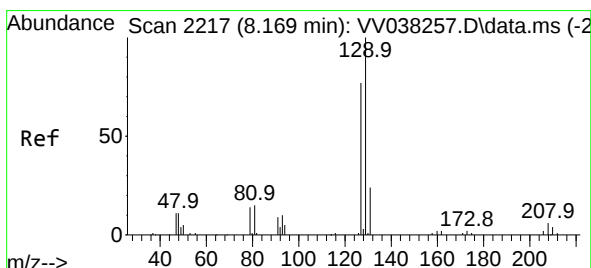
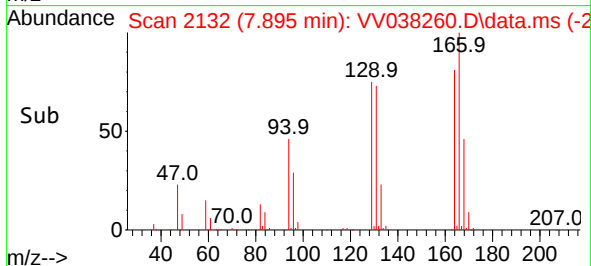
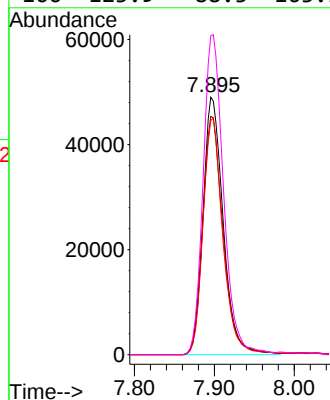
Ion Ratio Lower Upper

164 100

129 92.5 68.5 127.1

131 90.9 64.8 120.4

166 123.9 88.3 163.9



#49

Dibromochloromethane

Concen: 4.939 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.273 min

Lab File: VV038260.D

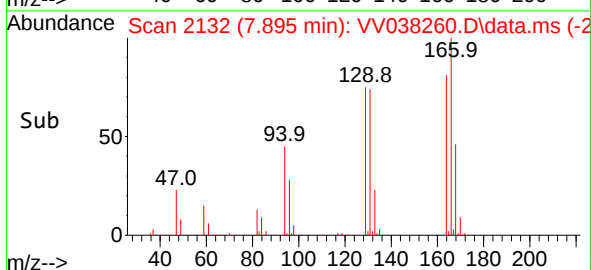
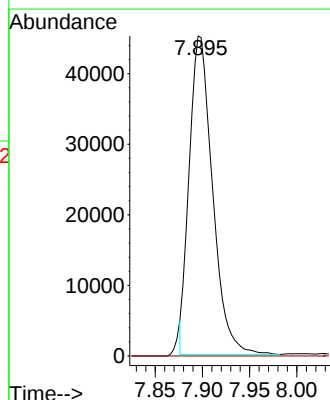
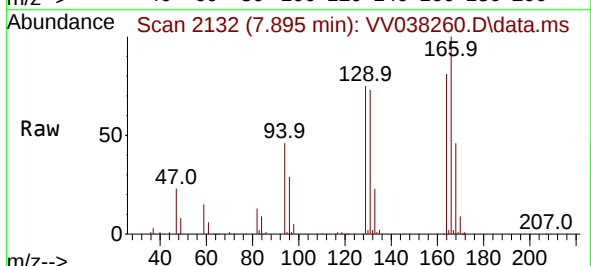
Acq: 22 Nov 2024 10:22

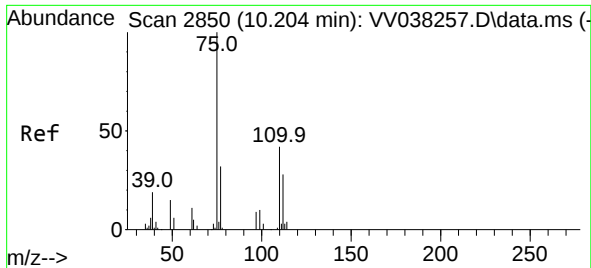
Tgt Ion:129 Resp: 77119

Ion Ratio Lower Upper

129 100

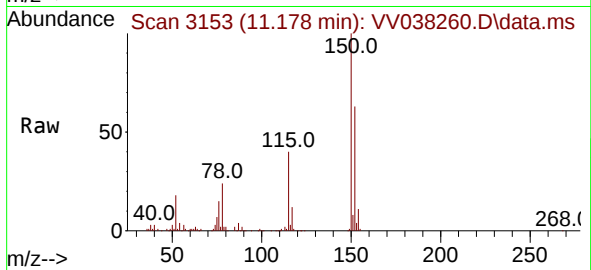
127 0.0 53.5 99.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.301 ug/L
 RT: 11.178 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV038260.D
 Acq: 22 Nov 2024 10:22

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 11432
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.4 39.6
 110 1.0 32.3 48.5#

