

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038268.D
 Acq On : 22 Nov 2024 14:19
 Operator : SY/MD
 Sample : P4884-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 00:01:41 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)

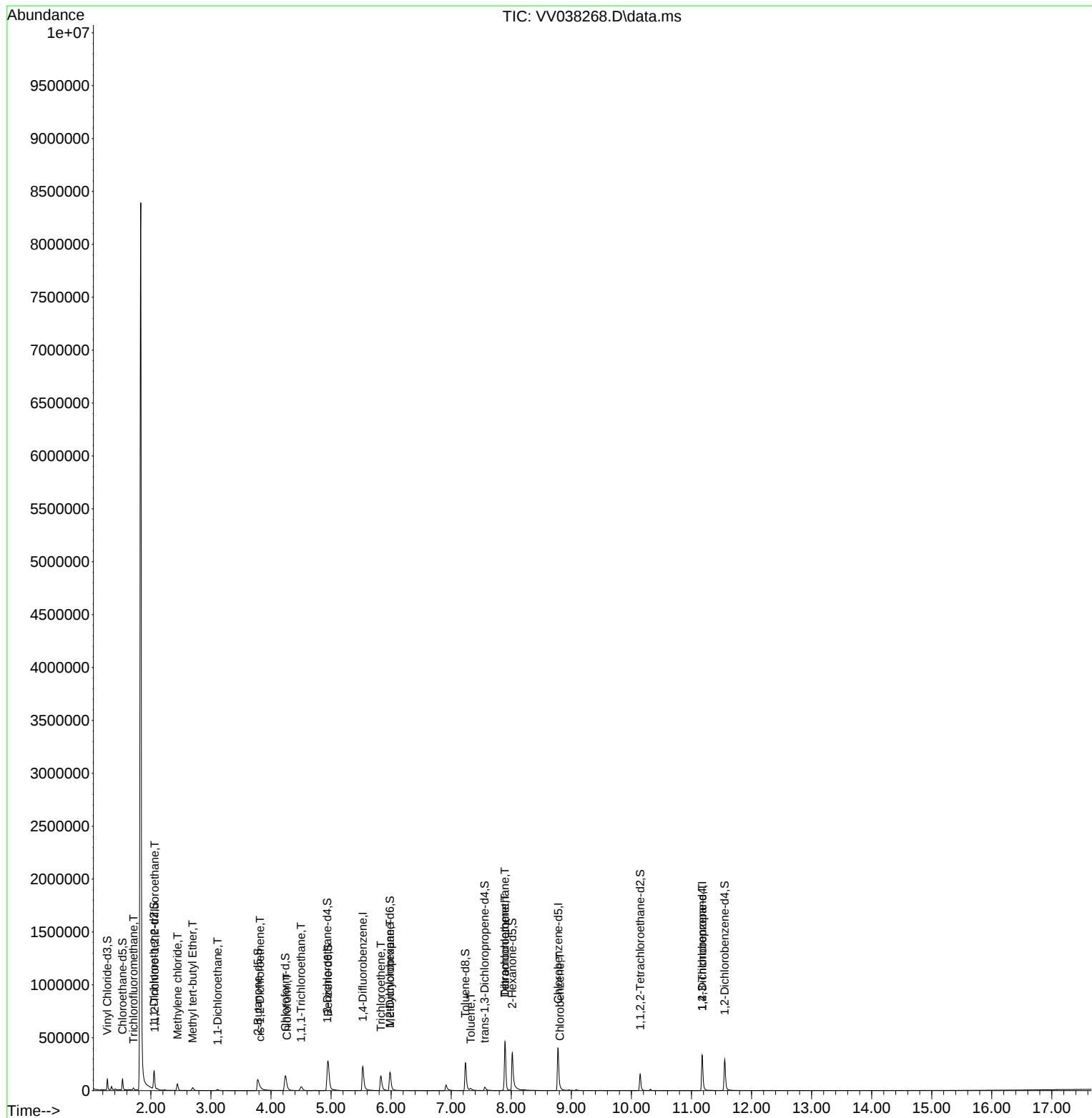
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	215142	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	242928	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	94286	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	63704	3.863	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.200%	
7) Chloroethane-d5	1.529	69	65975	4.946	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.000%	
11) 1,1-Dichloroethene-d2	2.053	65	27652	3.897	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.000%	
20) 2-Butanone-d5	3.780	46	165220	50.085	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.160%	
24) Chloroform-d	4.240	84	154481	4.827	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	4.937	65	78391	5.459	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.200%	
32) Benzene-d6	4.950	84	265826	4.234	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
36) 1,2-Dichloropropane-d6	5.982	67	94232	4.877	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.236	98	196082	3.375	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.600%#	
43) trans-1,3-Dichloroprop...	7.558	79	23846	3.320	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	66.400%	
46) 2-Hexanone-d5	8.018	63	130009	46.562	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.120%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	79837	4.868	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.400%	
66) 1,2-Dichlorobenzene-d4	11.554	152	82715	5.149	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.709	101	10525	0.372	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	4681	0.290	ug/L #	85
16) Methylene chloride	2.442	84	26410	1.507	ug/L	95
17) Methyl tert-butyl Ether	2.696	73	24525	0.706	ug/L #	91
19) 1,1-Dichloroethane	3.111	63	11189	0.381	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	5420	0.324	ug/L	81
25) Chloroform	4.268	83	12493	0.397	ug/L	96
29) 1,1,1-Trichloroethane	4.503	97	32384	1.111	ug/L	100
34) Trichloroethene	5.831	95	56113	3.017	ug/L	98
35) Methylcyclohexane	5.982	83	22852	0.868	ug/L #	19
42) Toluene	7.326	91	17799	0.246	ug/L	80
47) Tetrachloroethene	7.895	164	106112	7.099	ug/L	99
49) Dibromochloromethane	7.895	129	97238	6.434	ug/L #	12
51) Chlorobenzene	8.812	112	11914	0.239	ug/L #	88
61) 1,2,3-Trichloropropane	11.178	75	11087	1.373	ug/L #	62

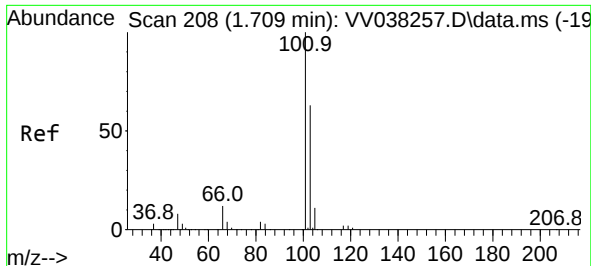
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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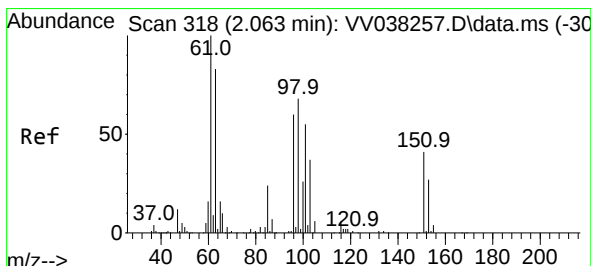
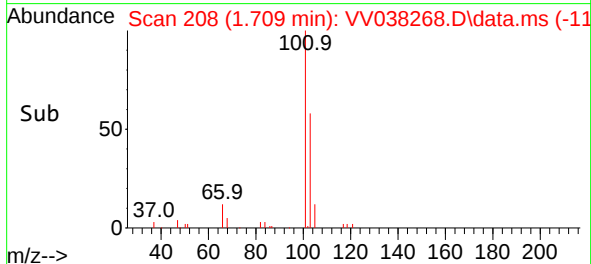
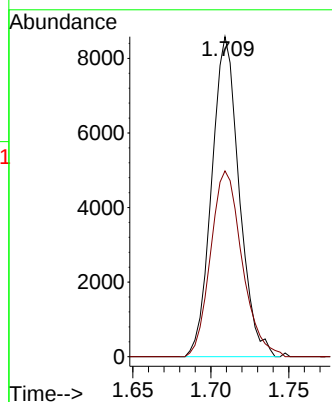
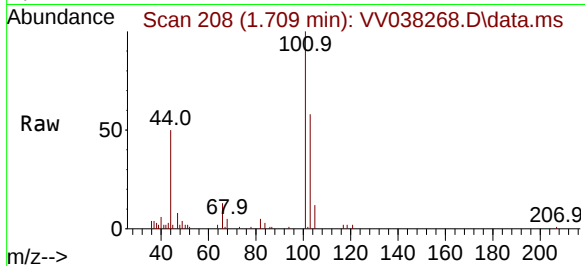




#9
Trichlorofluoromethane
Concen: 0.372 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038268.D
Acq: 22 Nov 2024 14:19

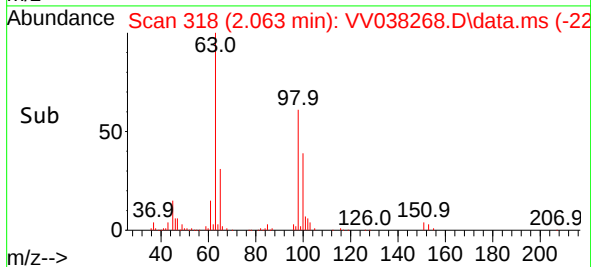
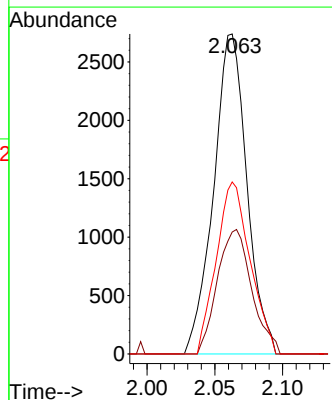
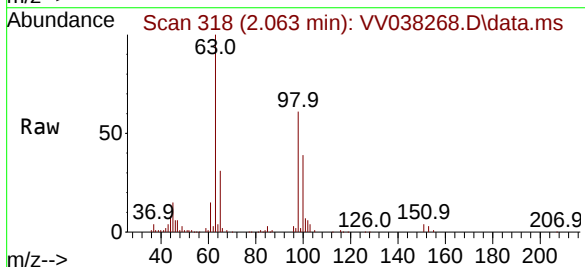
Instrument :
MSVOA_V
ClientSampleId :

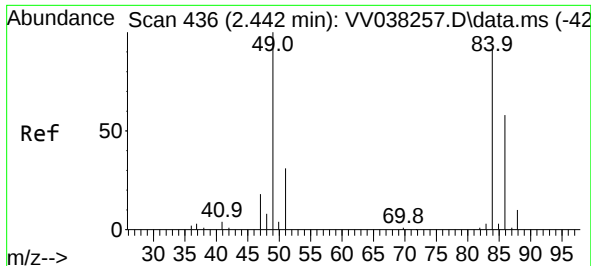
Tgt Ion:101 Resp: 10525
Ion Ratio Lower Upper
101 100
103 66.5 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.290 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038268.D
Acq: 22 Nov 2024 14:19

Tgt Ion:101 Resp: 4681
Ion Ratio Lower Upper
101 100
85 40.2 33.4 50.0
151 54.5 58.8 88.2#

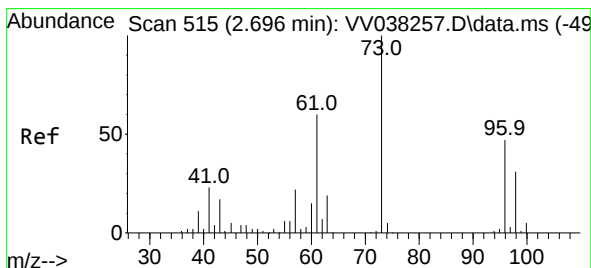
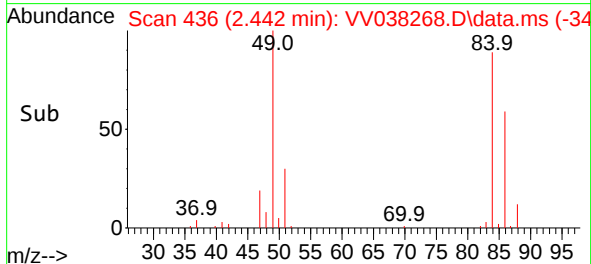
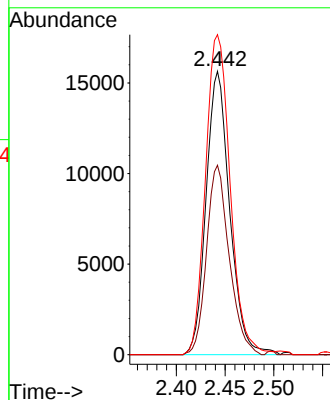
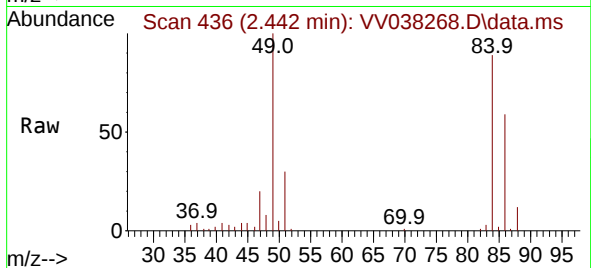




#16
Methylene chloride
Concen: 1.507 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV038268.D
Acq: 22 Nov 2024 14:19

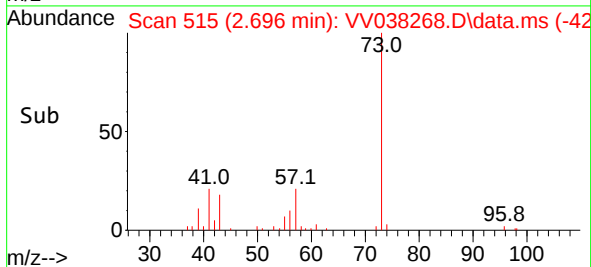
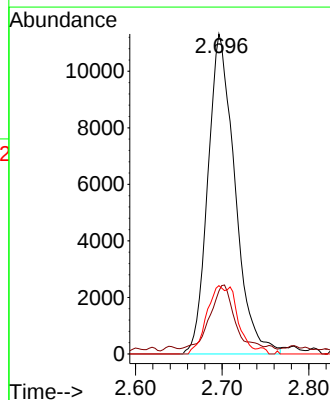
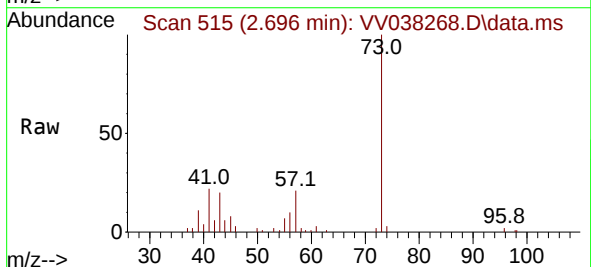
Instrument :
MSVOA_V
ClientSampleId :

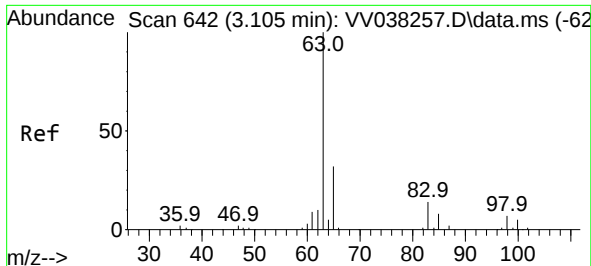
Tgt Ion: 84 Resp: 26410
Ion Ratio Lower Upper
84 100
86 66.8 44.2 82.2
49 112.9 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 0.706 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV038268.D
Acq: 22 Nov 2024 14:19

Tgt Ion: 73 Resp: 24525
Ion Ratio Lower Upper
73 100
43 18.0 14.2 21.2
57 14.1 17.6 26.4#





#19

1,1-Dichloroethane

Concen: 0.381 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV038268.D

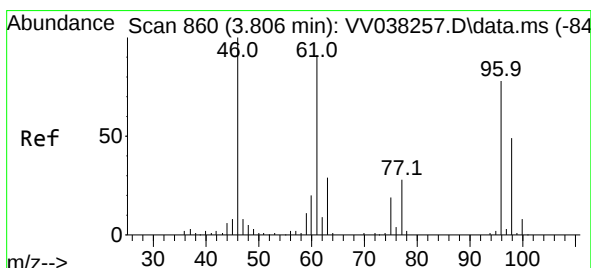
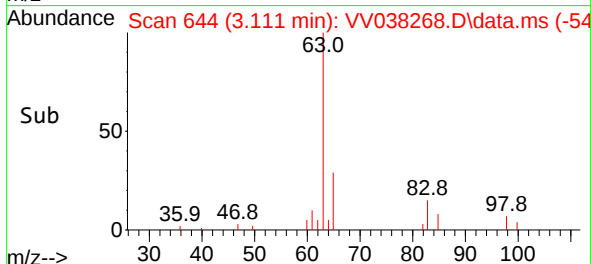
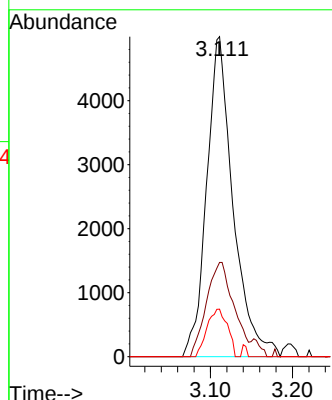
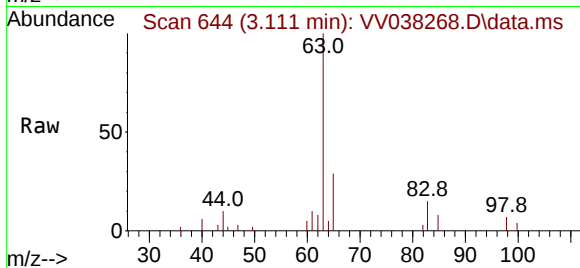
Acq: 22 Nov 2024 14:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	11189
Ion	Ratio	Lower	Upper
63	100		
65	29.5	22.5	41.7
83	14.9	10.1	18.9



#22

cis-1,2-Dichloroethene

Concen: 0.324 ug/L

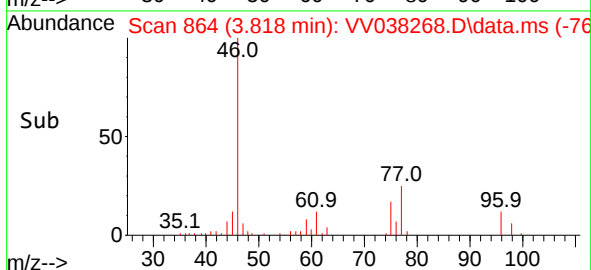
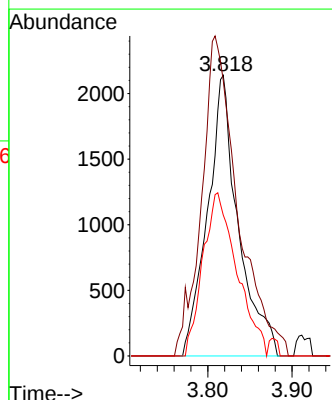
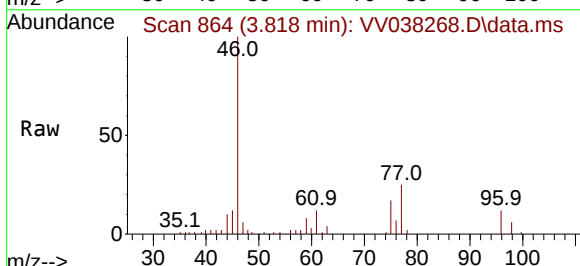
RT: 3.818 min Scan# 864

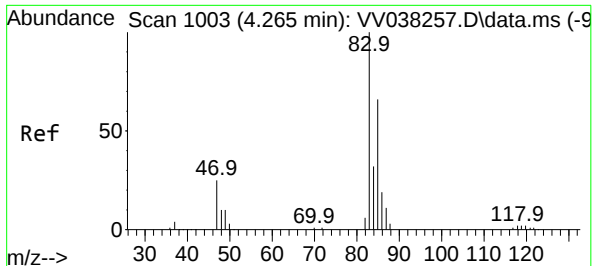
Delta R.T. 0.013 min

Lab File: VV038268.D

Acq: 22 Nov 2024 14:19

Tgt Ion:	96	Resp:	5420
Ion	Ratio	Lower	Upper
96	100		
61	98.2	82.7	153.5
98	50.2	46.3	85.9





#25

Chloroform

Concen: 0.397 ug/L

RT: 4.268 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV038268.D

Acq: 22 Nov 2024 14:19

Instrument :

MSVOA_V

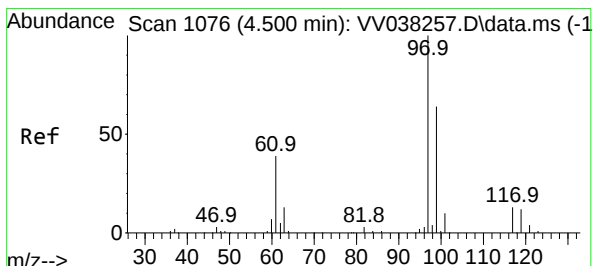
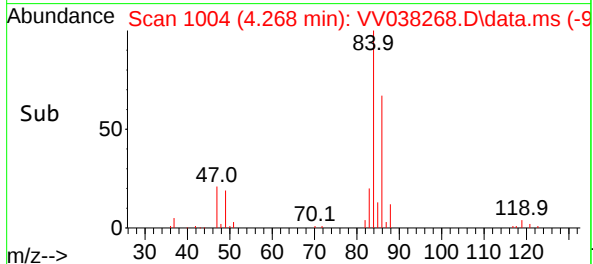
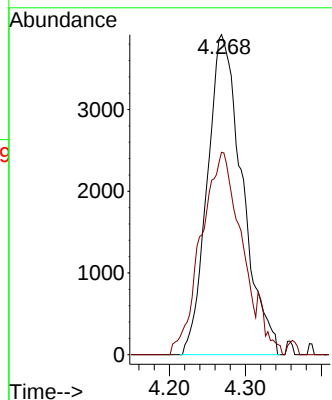
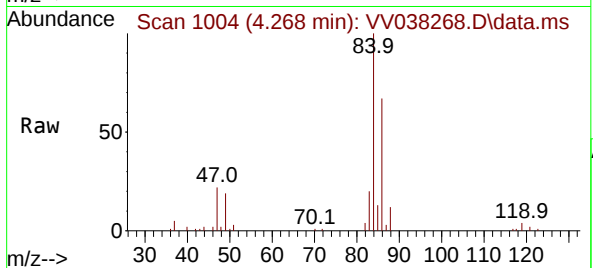
ClientSampleId :

Tgt Ion: 83 Resp: 12493

Ion Ratio Lower Upper

83 100

85 63.3 46.5 86.3



#29

1,1,1-Trichloroethane

Concen: 1.111 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV038268.D

Acq: 22 Nov 2024 14:19

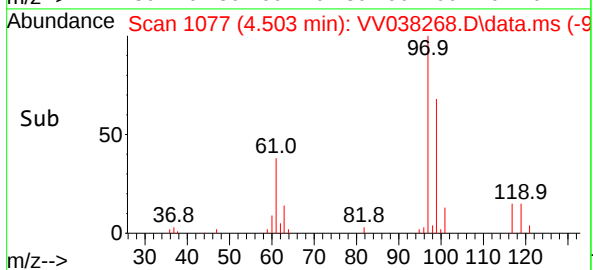
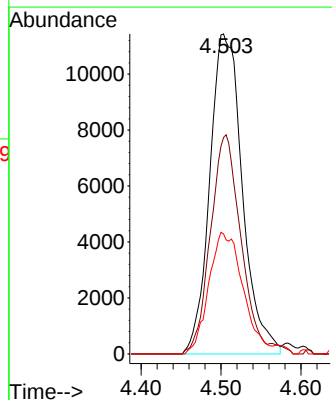
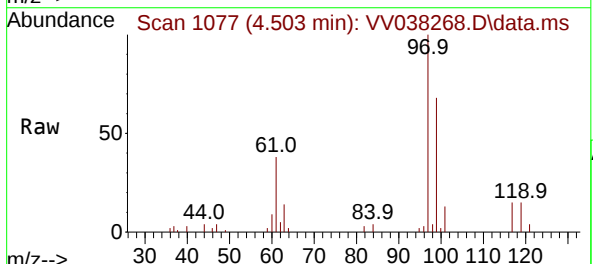
Tgt Ion: 97 Resp: 32384

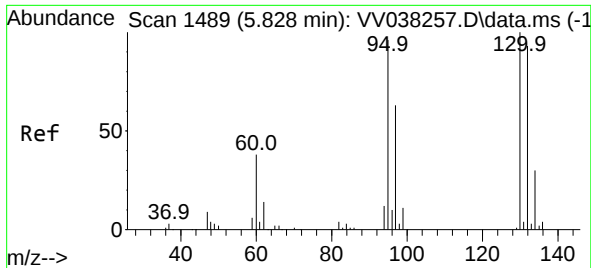
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.8

61 39.9 32.2 48.2

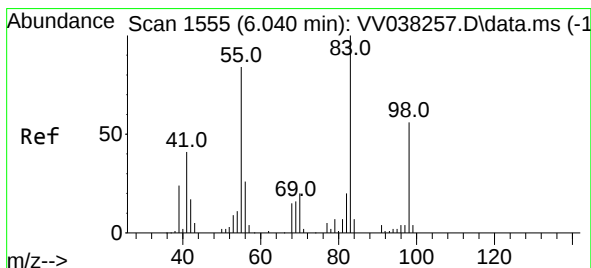
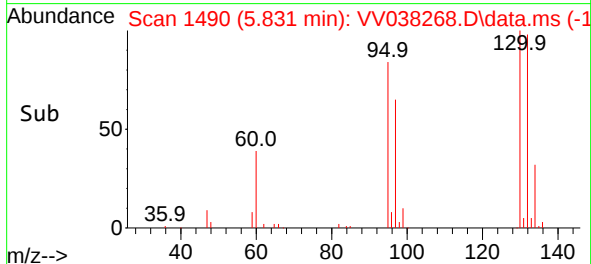
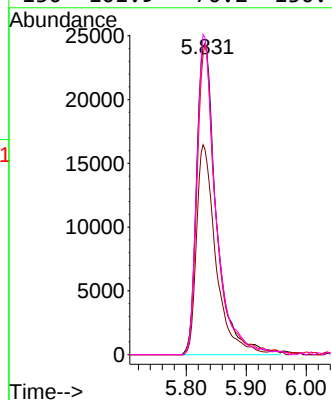
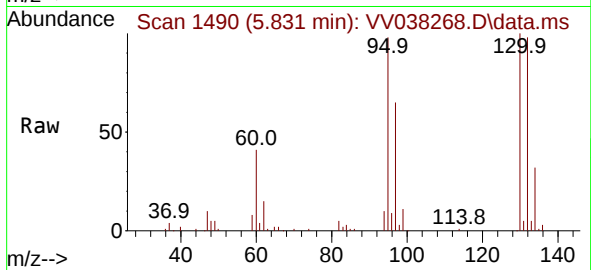




#34
Trichloroethene
Concen: 3.017 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV038268.D
Acq: 22 Nov 2024 14:19

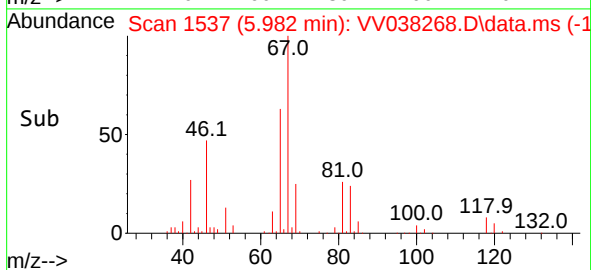
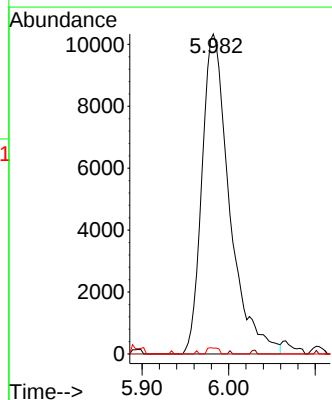
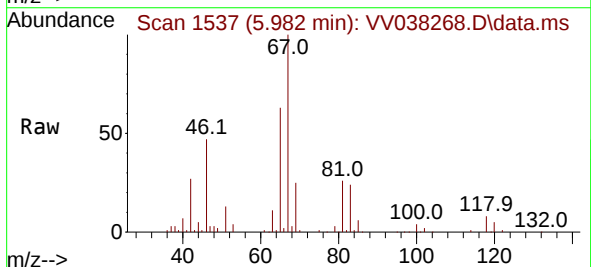
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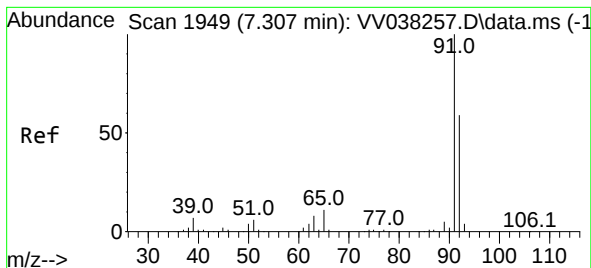
Tgt Ion: 95 Resp: 56113
Ion Ratio Lower Upper
95 100
97 66.0 44.8 83.2
132 99.7 68.3 126.8
130 101.9 70.2 130.4



#35
Methylcyclohexane
Concen: 0.868 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038268.D
Acq: 22 Nov 2024 14:19

Tgt Ion: 83 Resp: 22852
Ion Ratio Lower Upper
83 100
55 0.1 59.7 89.5#
98 0.8 39.0 58.4#





#42

Toluene

Concen: 0.246 ug/L

RT: 7.326 min Scan# 1949

Delta R.T. 0.019 min

Lab File: VV038268.D

Acq: 22 Nov 2024 14:19

Instrument :

MSVOA_V

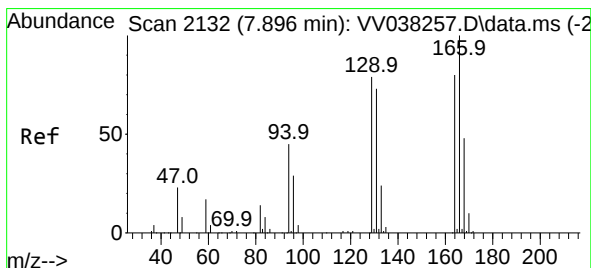
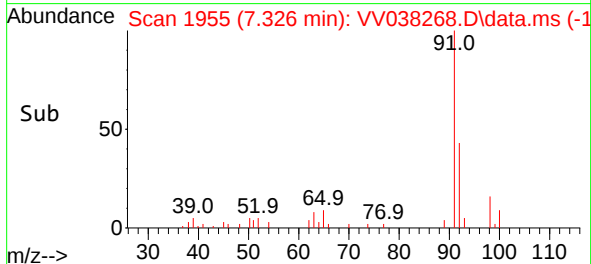
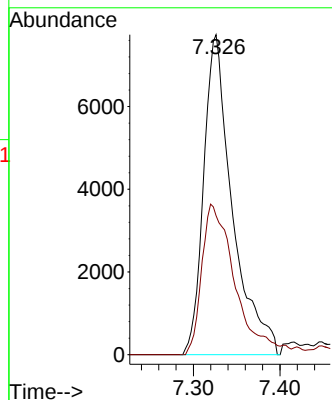
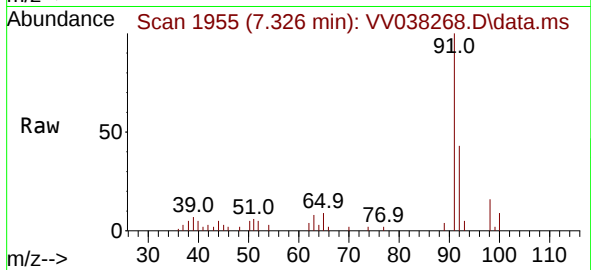
ClientSampleId :

Tgt Ion: 91 Resp: 17799

Ion Ratio Lower Upper

91 100

92 43.5 40.8 75.8



#47

Tetrachloroethene

Concen: 7.099 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV038268.D

Acq: 22 Nov 2024 14:19

Tgt Ion: 164 Resp: 106112

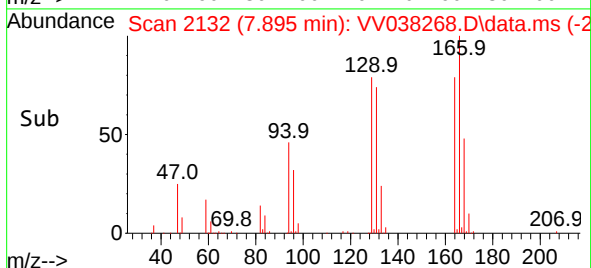
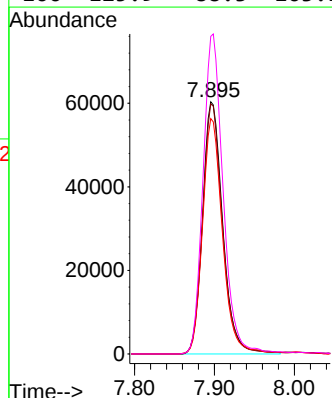
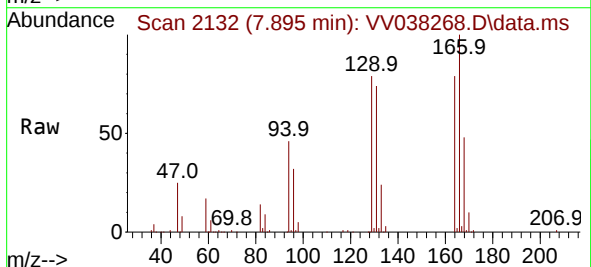
Ion Ratio Lower Upper

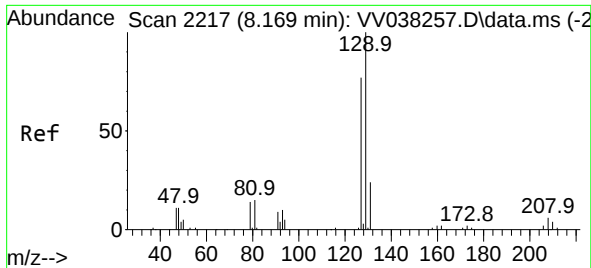
164 100

129 99.2 68.5 127.1

131 93.3 64.8 120.4

166 125.9 88.3 163.9

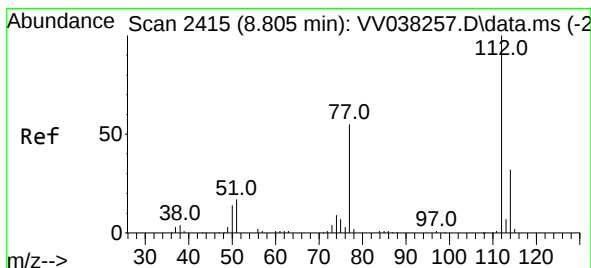
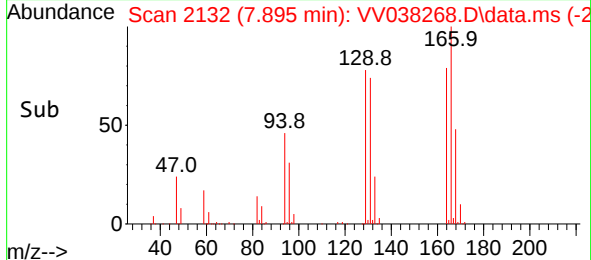
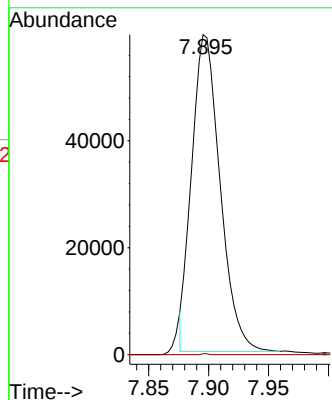
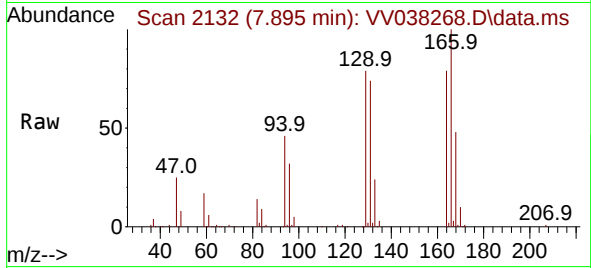




#49
Dibromochloromethane
Concen: 6.434 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.273 min
Lab File: VV038268.D
Acq: 22 Nov 2024 14:19

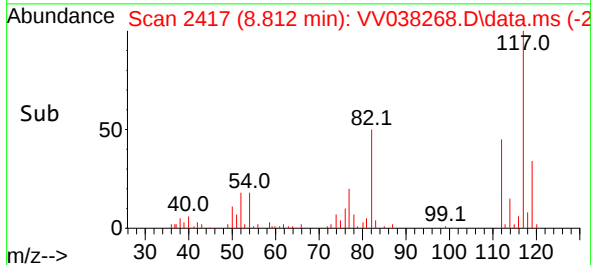
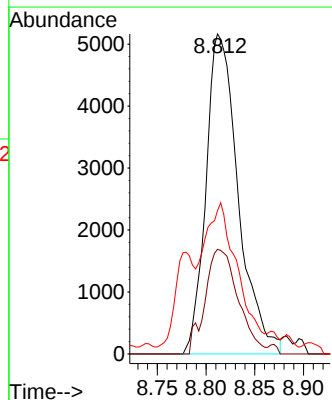
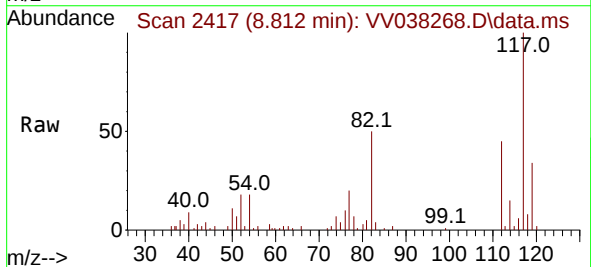
Instrument :
MSVOA_V
ClientSampleId :

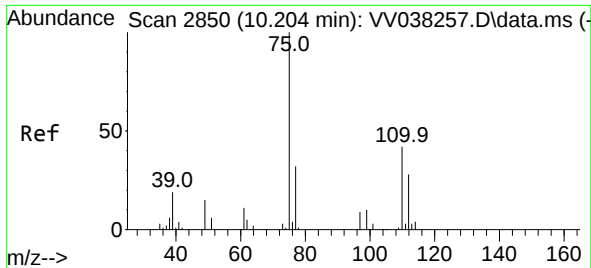
Tgt Ion:129 Resp: 97238
Ion Ratio Lower Upper
129 100
127 0.3 53.5 99.3#



#51
Chlorobenzene
Concen: 0.239 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV038268.D
Acq: 22 Nov 2024 14:19

Tgt Ion:112 Resp: 11914
Ion Ratio Lower Upper
112 100
114 31.2 22.0 40.8
77 42.7 45.0 67.4#





#61

1,2,3-Trichloropropane

Concen: 1.373 ug/L

RT: 11.178 min Scan# 31

Delta R.T. 0.974 min

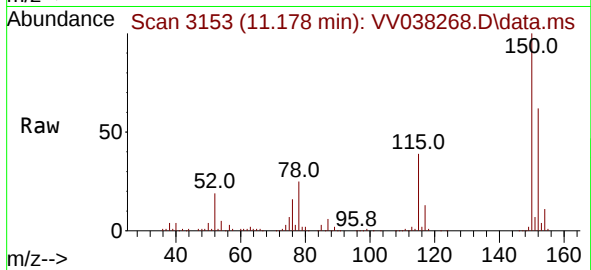
Lab File: VV038268.D

Acq: 22 Nov 2024 14:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 11087

Ion Ratio Lower Upper

75 100

77 38.8 26.4 39.6

110 2.5 32.3 48.5#

