

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020824\
 Data File : VV034081.D
 Acq On : 09 Feb 2024 00:33
 Operator : SY/MD
 Sample : P1401-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 04:47:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 03:48:51 2024
 Response via : Initial Calibration

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

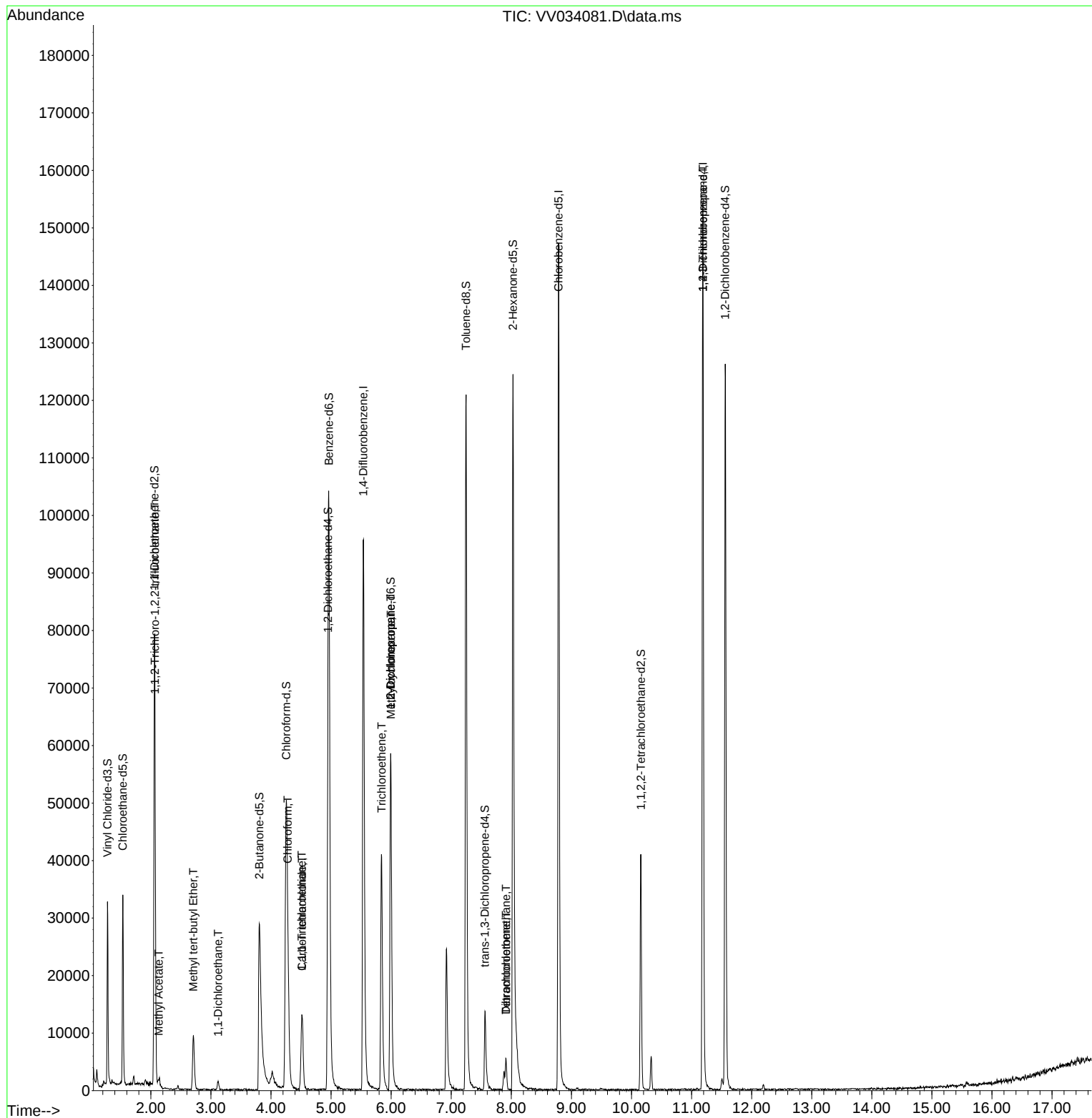
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	83662	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	78729	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	39241	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20892	3.224	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.532	69	20453	3.604	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.060	65	11141	3.565	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.806	46	52841	48.558	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.120%
24) Chloroform-d	4.253	84	49701	4.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	4.947	65	25717	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	4.963	84	91312	3.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	5.992	67	27553	4.173	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.246	98	80939	3.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	7.561	79	9778	3.922	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.027	63	44613	50.126	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.260%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18462	4.612	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	31872	4.466	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	7095	1.179	ug/L	96
15) Methyl Acetate	2.130	43	1347	0.689	ug/L #	53
17) Methyl tert-butyl Ether	2.706	73	9688	0.807	ug/L	98
19) 1,1-Dichloroethane	3.121	63	1842	0.168	ug/L #	90
25) Chloroform	4.278	83	17498	1.582	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	11254	1.065	ug/L	98
31) Carbon tetrachloride	4.516	117	1229	0.133	ug/L	96
34) Trichloroethene	5.841	95	15138	2.215	ug/L	94
35) Methylcyclohexane	5.995	83	6571	0.613	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3509	0.613	ug/L #	87
47) Tetrachloroethene	7.912	164	1087	0.196	ug/L	88
49) Dibromochloromethane	7.912	129	1101	0.262	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	4568	1.693	ug/L #	62

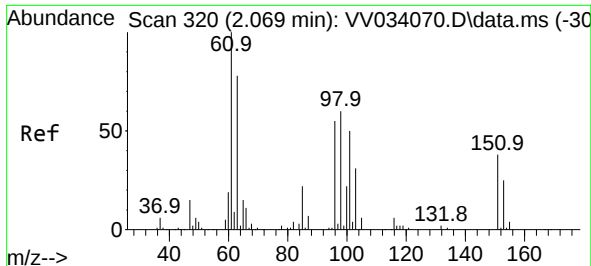
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.179 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034081.D

Acq: 09 Feb 2024 00:33

Instrument :

MSVOA_V

ClientSampleId :

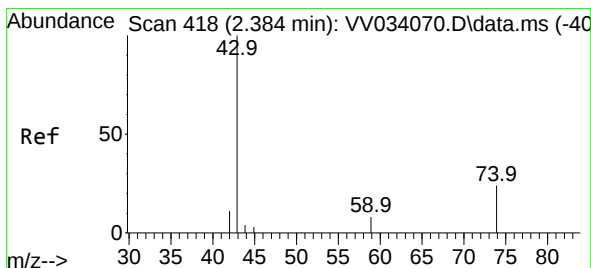
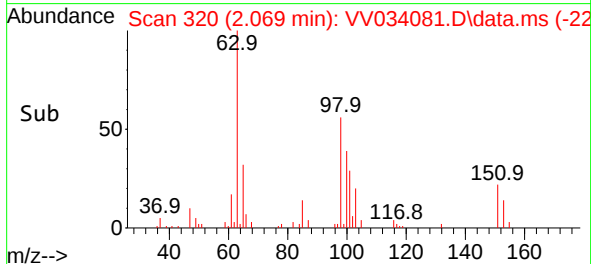
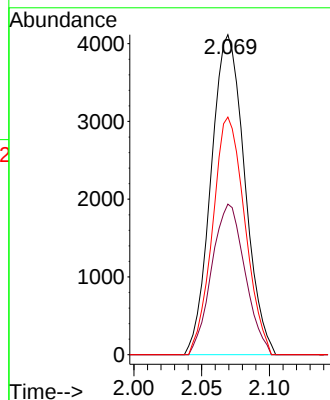
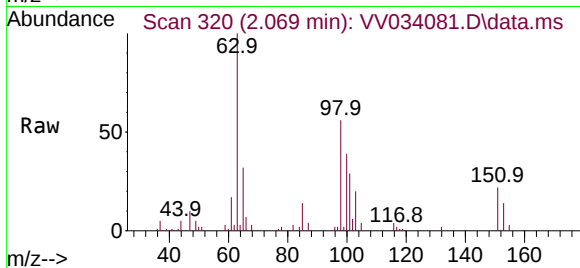
Tgt Ion:101 Resp: 7095

Ion Ratio Lower Upper

101 100

85 46.6 37.1 55.7

151 71.3 61.7 92.5



#15

Methyl Acetate

Concen: 0.689 ug/L

RT: 2.130 min Scan# 339

Delta R.T. -0.254 min

Lab File: VV034081.D

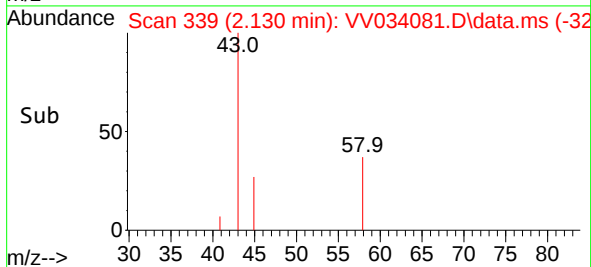
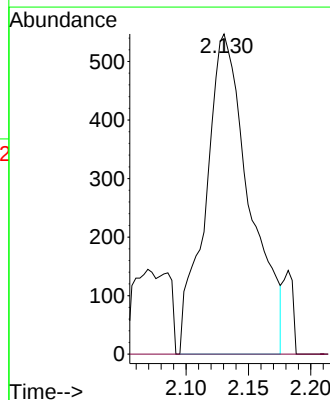
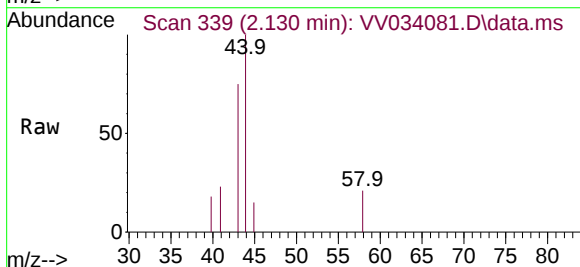
Acq: 09 Feb 2024 00:33

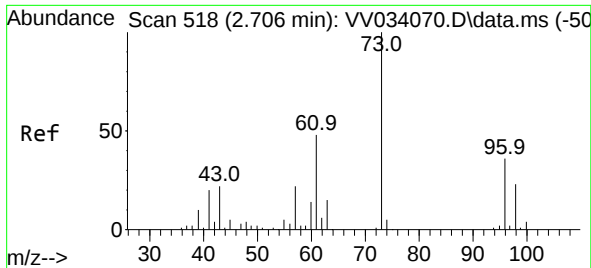
Tgt Ion: 43 Resp: 1347

Ion Ratio Lower Upper

43 100

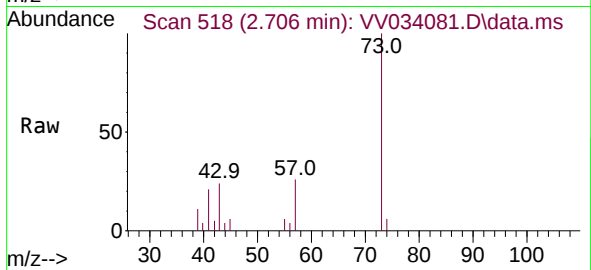
74 0.0 18.2 27.4#





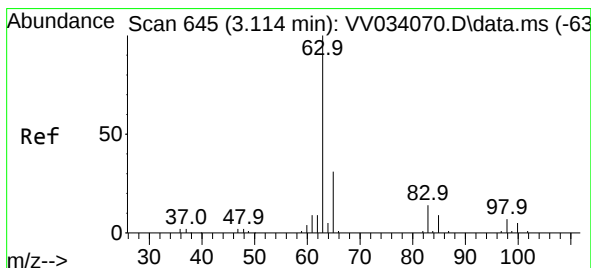
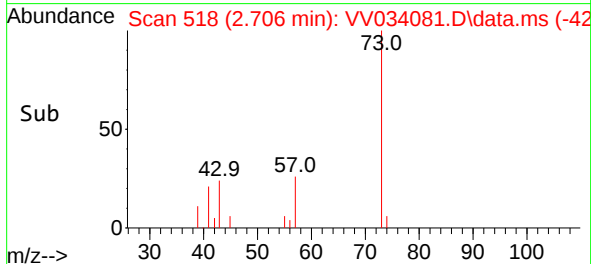
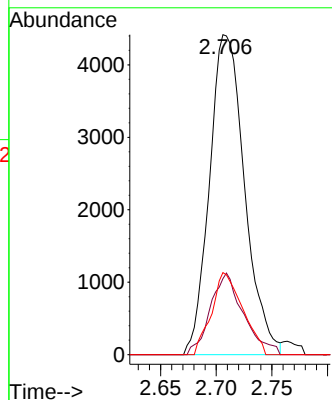
#17
Methyl tert-butyl Ether
Concen: 0.807 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034081.D
Acq: 09 Feb 2024 00:33

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 73 Resp: 9688

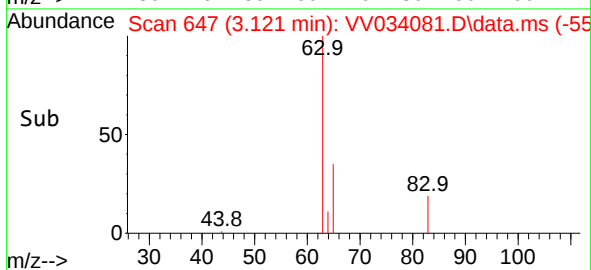
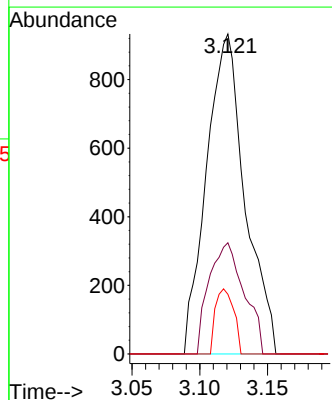
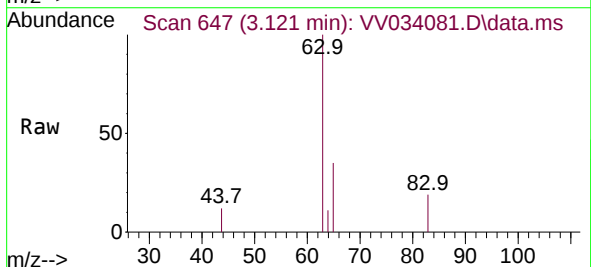
Ion	Ratio	Lower	Upper
73	100		
43	24.0	17.7	26.5
57	22.7	17.9	26.9

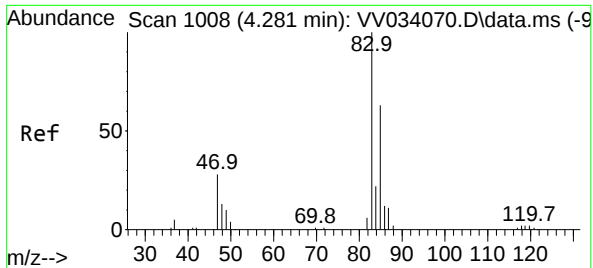


#19
1,1-Dichloroethane
Concen: 0.168 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.006 min
Lab File: VV034081.D
Acq: 09 Feb 2024 00:33

Tgt Ion: 63 Resp: 1842

Ion	Ratio	Lower	Upper
63	100		
65	34.7	20.8	38.6
83	18.6	9.4	17.4

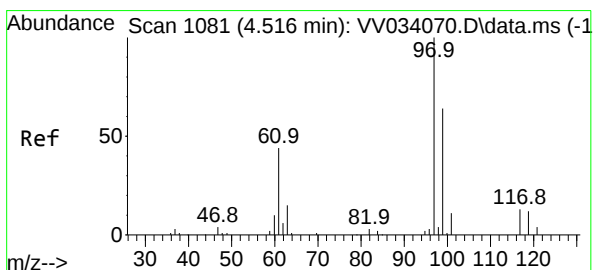
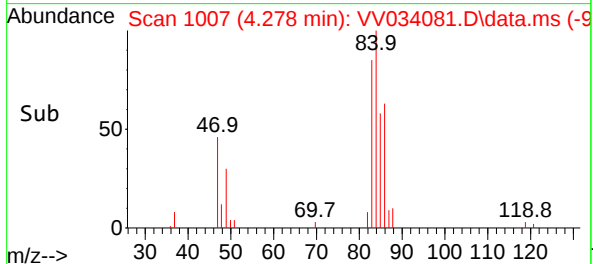
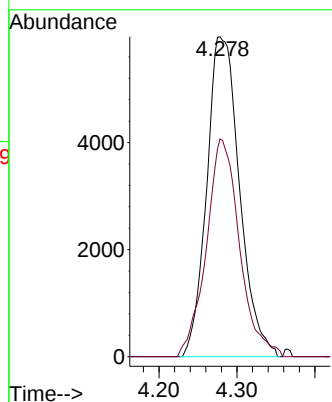
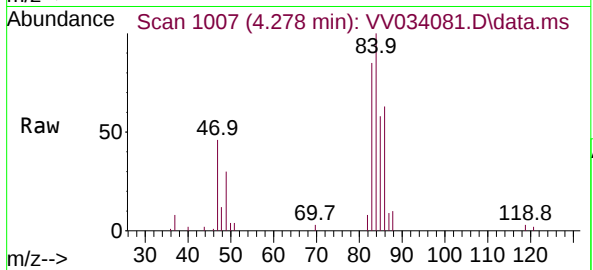




#25
Chloroform
Concen: 1.582 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.003 min
Lab File: VV034081.D
Acq: 09 Feb 2024 00:33

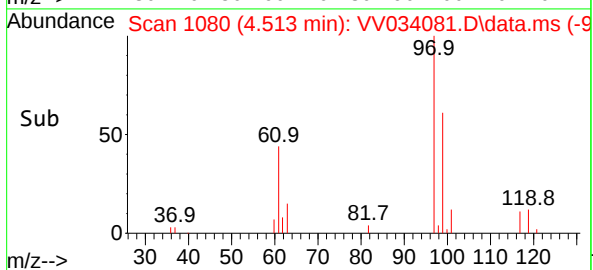
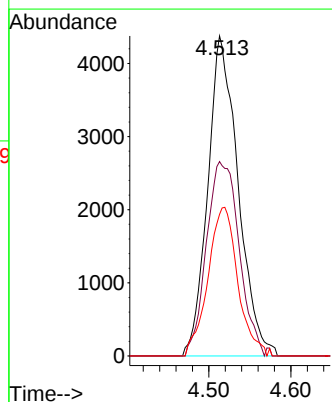
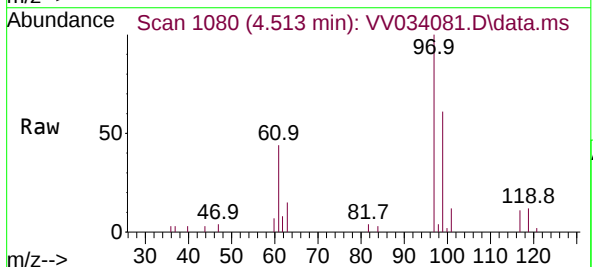
Instrument :
MSVOA_V
ClientSampleId :

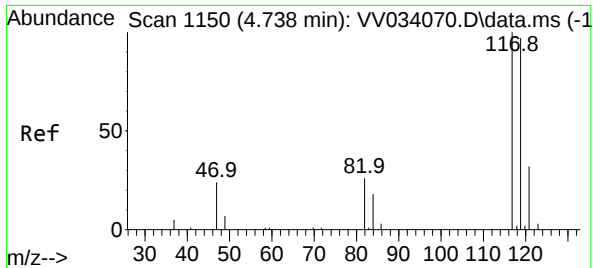
Tgt Ion: 83 Resp: 17498
Ion Ratio Lower Upper
83 100
85 68.1 47.5 88.1



#29
1,1,1-Trichloroethane
Concen: 1.065 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.003 min
Lab File: VV034081.D
Acq: 09 Feb 2024 00:33

Tgt Ion: 97 Resp: 11254
Ion Ratio Lower Upper
97 100
99 65.4 50.6 75.8
61 45.8 36.8 55.2

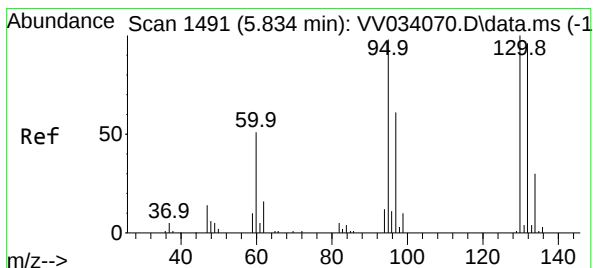
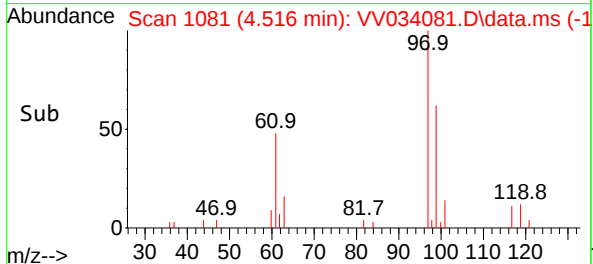
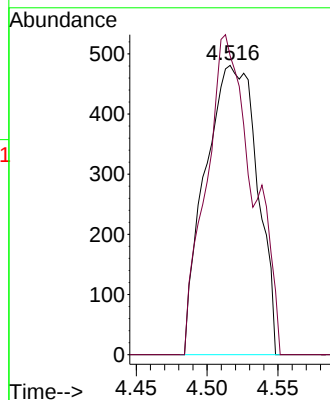
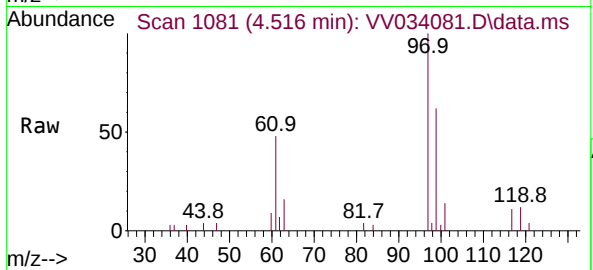




#31
Carbon tetrachloride
Concen: 0.133 ug/L
RT: 4.516 min Scan# 1150
Delta R.T. -0.222 min
Lab File: VV034081.D
Acq: 09 Feb 2024 00:33

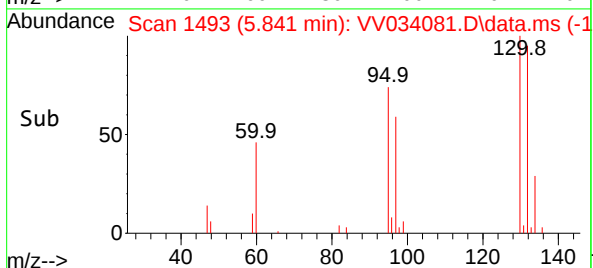
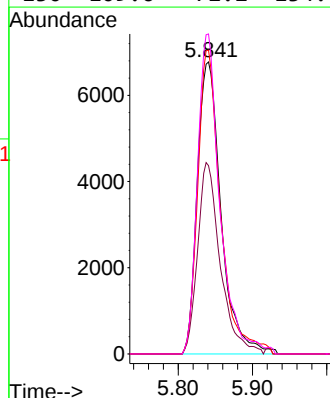
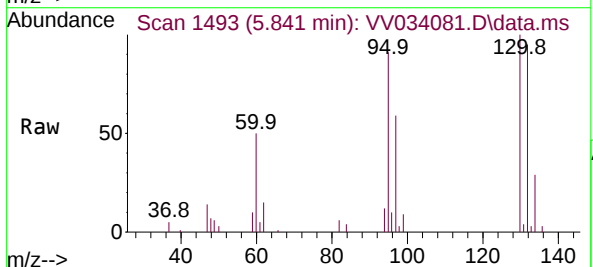
Instrument :
MSVOA_V
ClientSampleId :

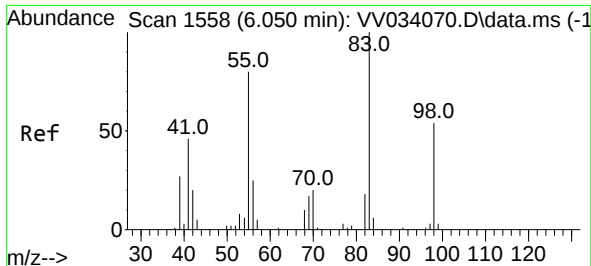
Tgt Ion:117 Resp: 1229
Ion Ratio Lower Upper
117 100
119 98.6 76.1 114.1



#34
Trichloroethene
Concen: 2.215 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV034081.D
Acq: 09 Feb 2024 00:33

Tgt Ion: 95 Resp: 15138
Ion Ratio Lower Upper
95 100
97 64.5 45.1 83.7
132 104.1 66.0 122.6
130 109.6 72.2 134.0

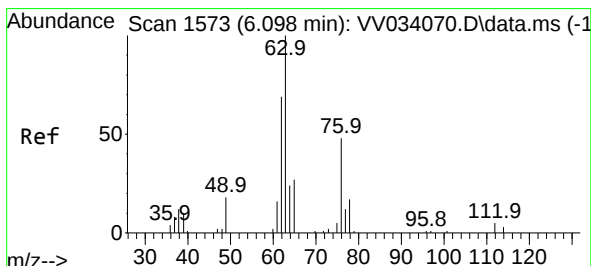
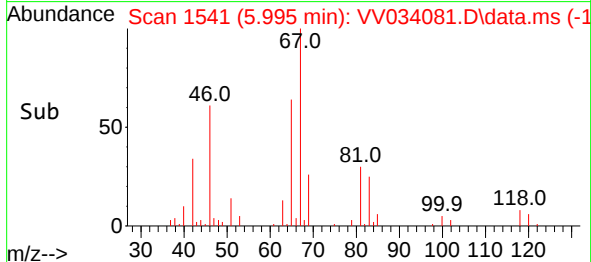
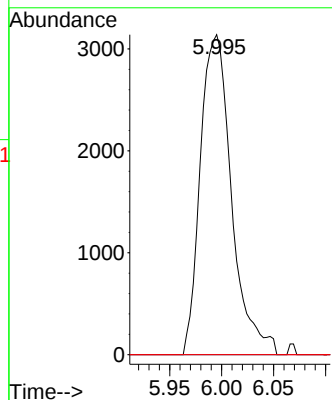
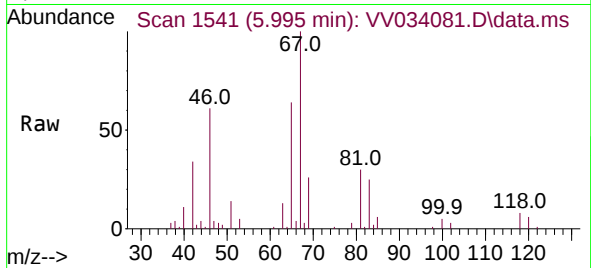




#35
Methylcyclohexane
Concen: 0.613 ug/L
RT: 5.995 min Scan# 11
Delta R.T. -0.055 min
Lab File: VV034081.D
Acq: 09 Feb 2024 00:33

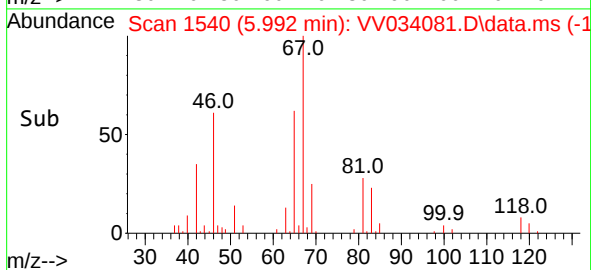
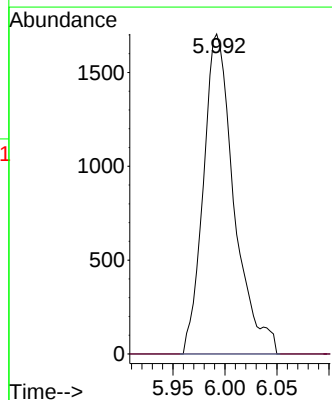
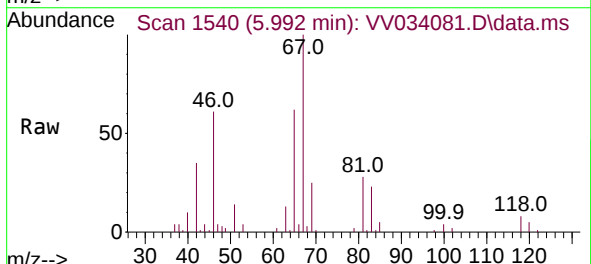
Instrument :
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ClientSampleId :

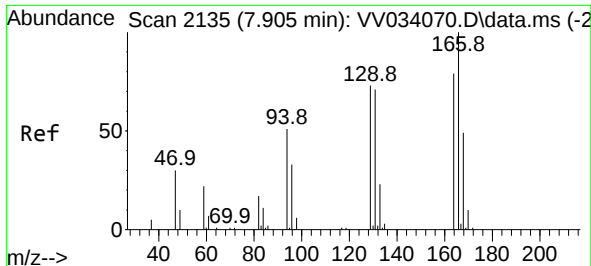
Tgt Ion: 83 Resp: 6571
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.106 min
Lab File: VV034081.D
Acq: 09 Feb 2024 00:33

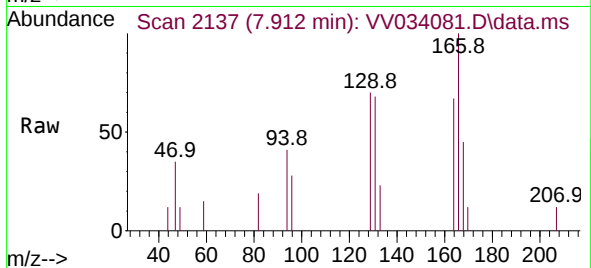
Tgt Ion: 63 Resp: 3509
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



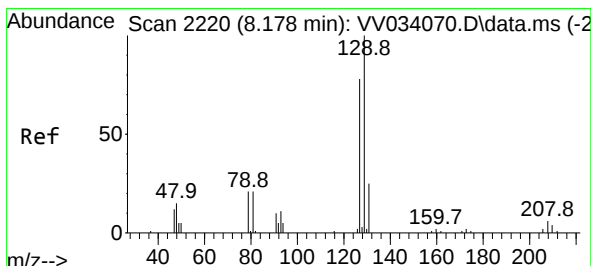
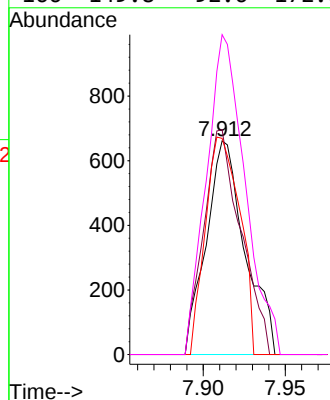
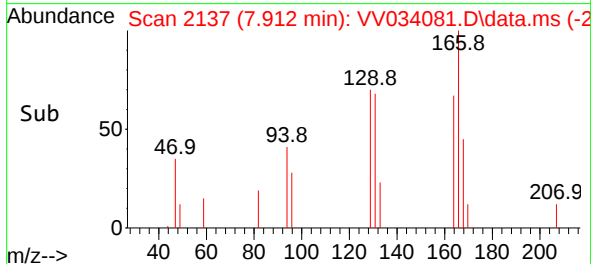


#47
Tetrachloroethene
Concen: 0.196 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VV034081.D
Acq: 09 Feb 2024 00:33

Instrument :
MSVOA_V
ClientSampleId :

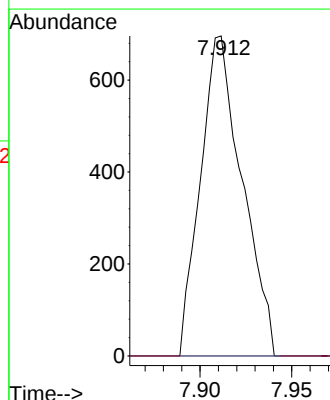
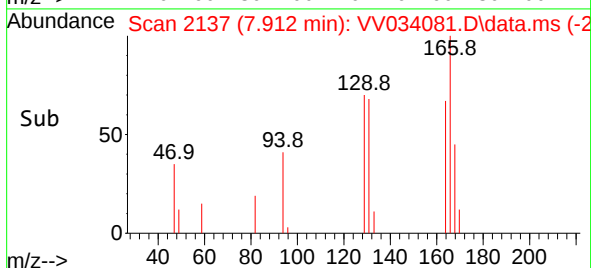
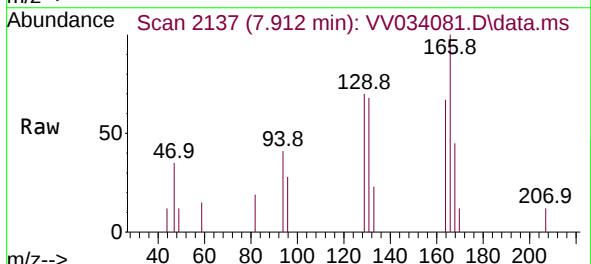


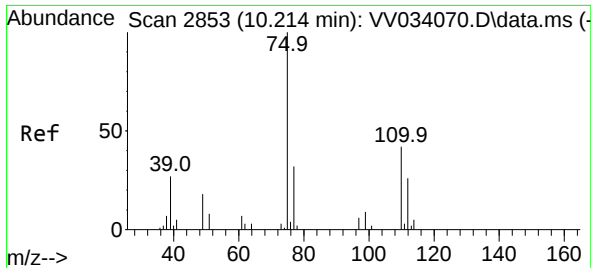
Tgt Ion:164 Resp: 1087
Ion Ratio Lower Upper
164 100
129 105.3 67.8 125.8
131 101.2 63.0 117.0
166 149.8 92.6 172.0



#49
Dibromochloromethane
Concen: 0.262 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.267 min
Lab File: VV034081.D
Acq: 09 Feb 2024 00:33

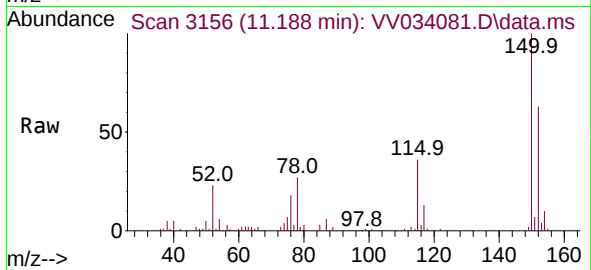
Tgt Ion:129 Resp: 1101
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.693 ug/L
 RT: 11.188 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV034081.D
 Acq: 09 Feb 2024 00:33

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 4568
 Ion Ratio Lower Upper
 75 100
 77 38.9 26.9 40.3
 110 2.7 33.3 49.9#

