

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020824\
 Data File : VV034092.D
 Acq On : 09 Feb 2024 04:57
 Operator : SY/MD
 Sample : P1402-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD3

Quant Time: Feb 09 05:43:00 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)

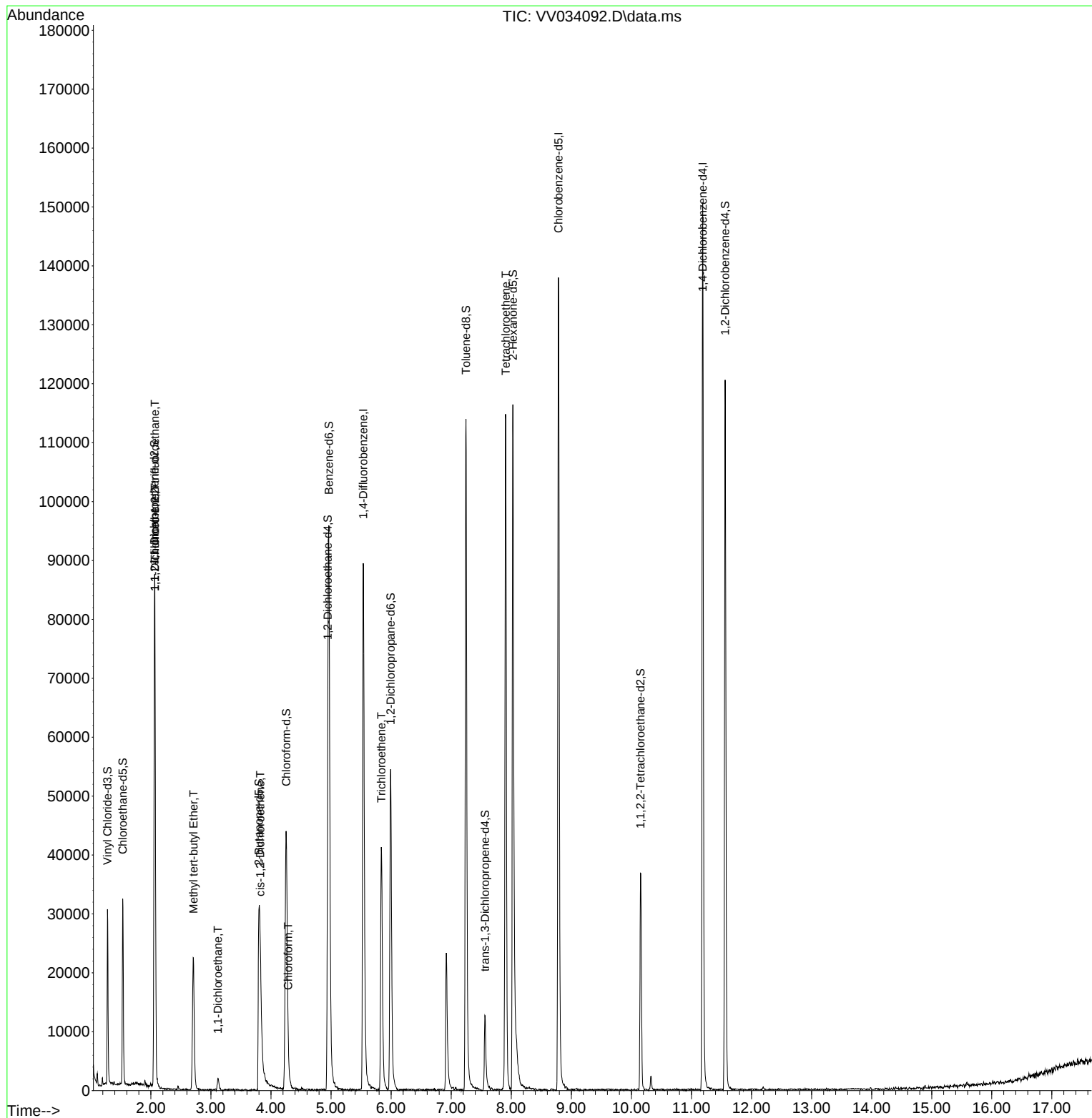
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	78059	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	74691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37948	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18968	3.138	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.800%	
7) Chloroethane-d5	1.532	69	19366	3.657	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.200%	
11) 1,1-Dichloroethene-d2	2.060	65	10311	3.537	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.800%	
20) 2-Butanone-d5	3.799	46	50321	49.562	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.120%	
24) Chloroform-d	4.252	84	46996	4.278	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
26) 1,2-Dichloroethane-d4	4.947	65	24471	4.767	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
32) Benzene-d6	4.963	84	85034	3.795	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.800%	
36) 1,2-Dichloropropane-d6	5.992	67	25013	3.993	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	79.800%	
41) Toluene-d8	7.246	98	77978	3.786	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.800%	
43) trans-1,3-Dichloroprop...	7.564	79	9150	3.868	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.400%	
46) 2-Hexanone-d5	8.027	63	41087	48.660	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.320%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	17408	4.584	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.600%	
66) 1,2-Dichlorobenzene-d4	11.561	152	30018	4.350	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.000%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	2300	0.409	ug/L #	88
12) 1,1-Dichloroethene	2.069	96	9137	1.676	ug/L #	39
17) Methyl tert-butyl Ether	2.709	73	23329	2.082	ug/L	98
19) 1,1-Dichloroethane	3.117	63	2341	0.229	ug/L	92
22) cis-1,2-Dichloroethene	3.821	96	5833	0.926	ug/L	93
25) Chloroform	4.288	83	1847	0.179	ug/L	93
34) Trichloroethene	5.838	95	14994	2.313	ug/L	97
47) Tetrachloroethene	7.908	164	24878	4.722	ug/L	96

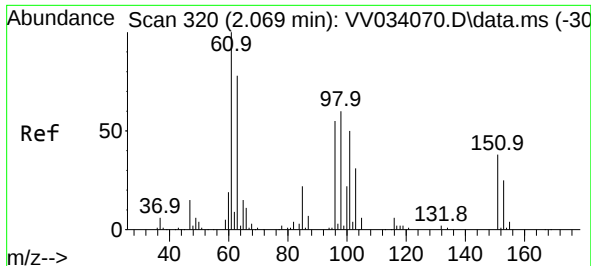
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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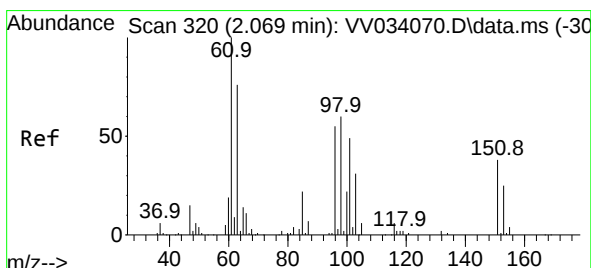
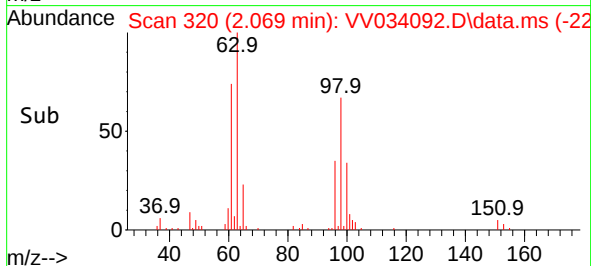
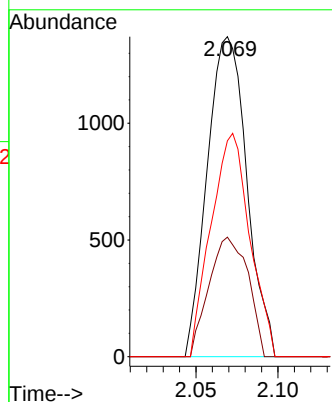
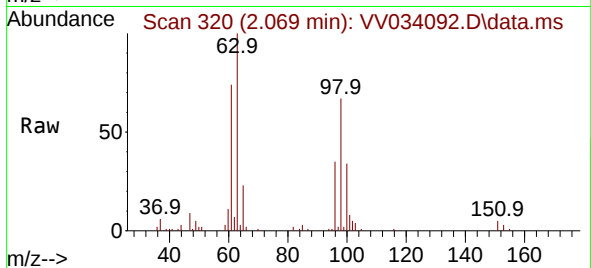




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.409 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034092.D
 Acq: 09 Feb 2024 04:57

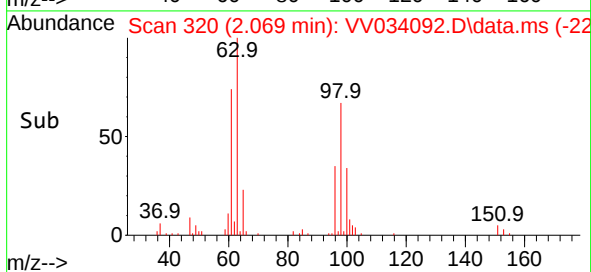
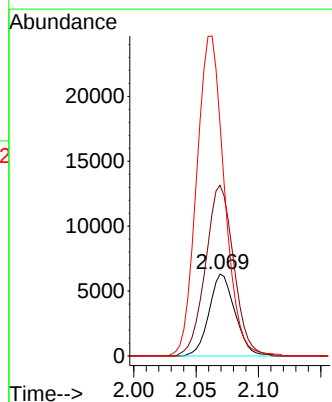
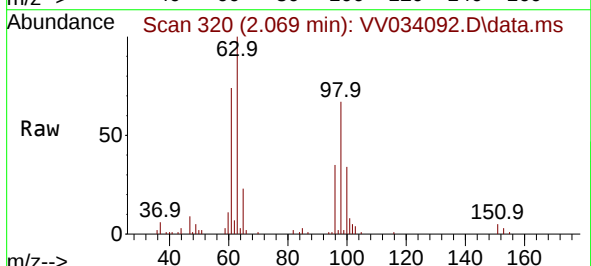
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD3

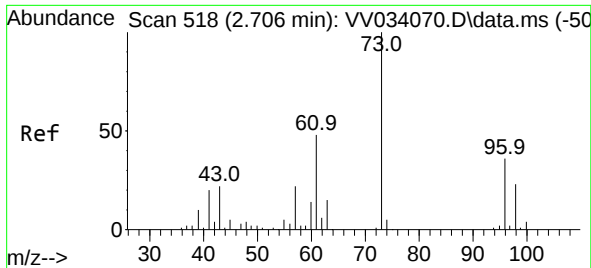
Tgt Ion:101 Resp: 2300
 Ion Ratio Lower Upper
 101 100
 85 36.9 37.1 55.7#
 151 68.3 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 1.676 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034092.D
 Acq: 09 Feb 2024 04:57

Tgt Ion: 96 Resp: 9137
 Ion Ratio Lower Upper
 96 100
 61 208.4 128.8 239.2
 63 283.3 97.9 181.9#

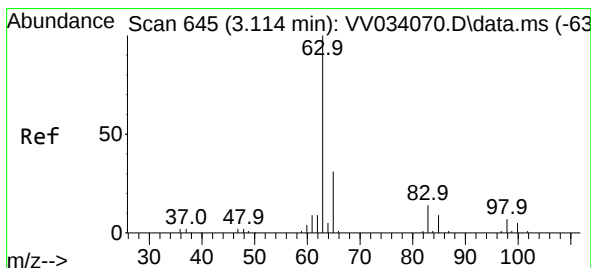
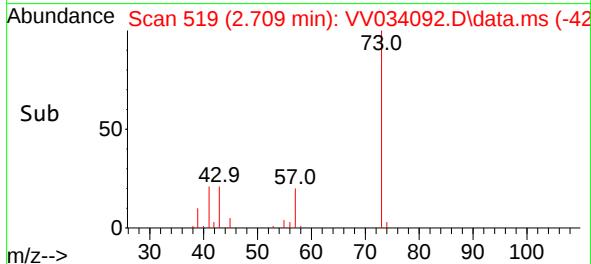
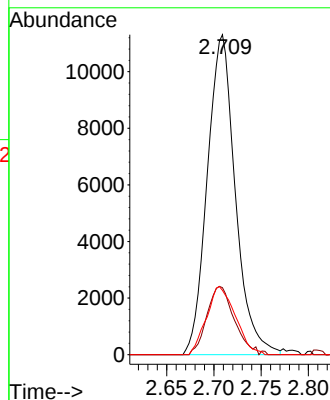
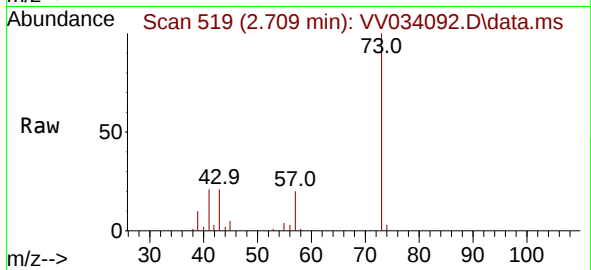




#17
Methyl tert-butyl Ether
Concen: 2.082 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV034092.D
Acq: 09 Feb 2024 04:57

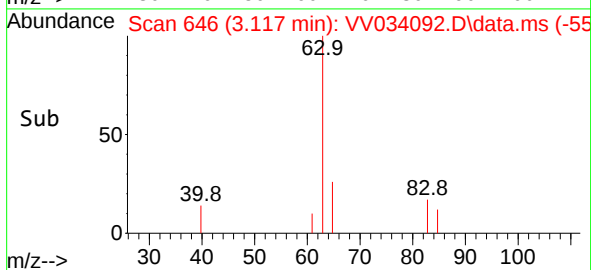
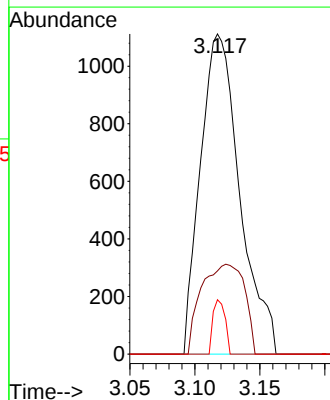
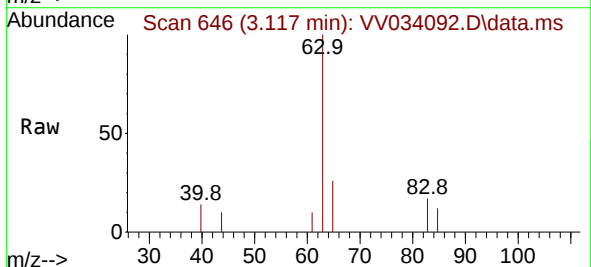
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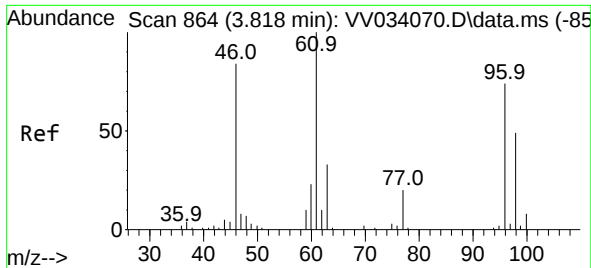
Tgt Ion: 73 Resp: 23329
Ion Ratio Lower Upper
73 100
43 20.9 17.7 26.5
57 21.9 17.9 26.9



#19
1,1-Dichloroethane
Concen: 0.229 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.003 min
Lab File: VV034092.D
Acq: 09 Feb 2024 04:57

Tgt Ion: 63 Resp: 2341
Ion Ratio Lower Upper
63 100
65 26.0 20.8 38.6
83 17.0 9.4 17.4

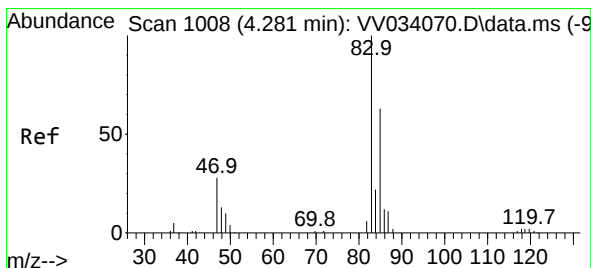
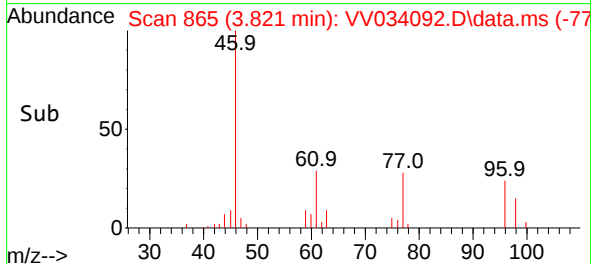
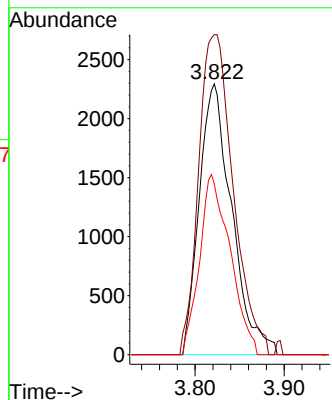
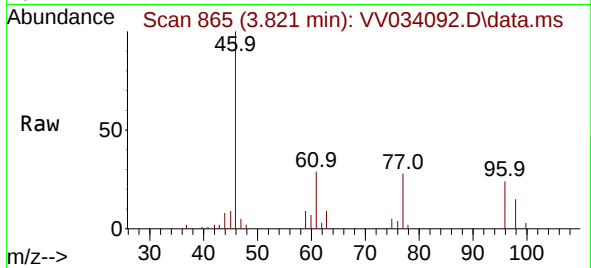




#22
 cis-1,2-Dichloroethene
 Concen: 0.926 ug/L
 RT: 3.821 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV034092.D
 Acq: 09 Feb 2024 04:57

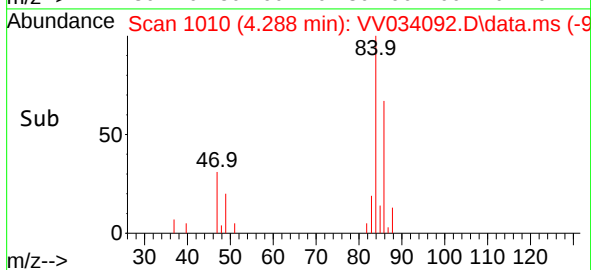
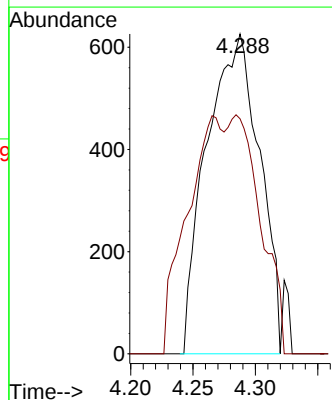
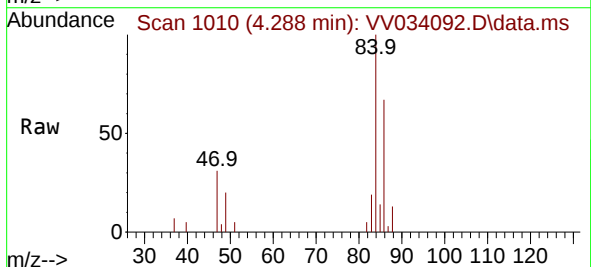
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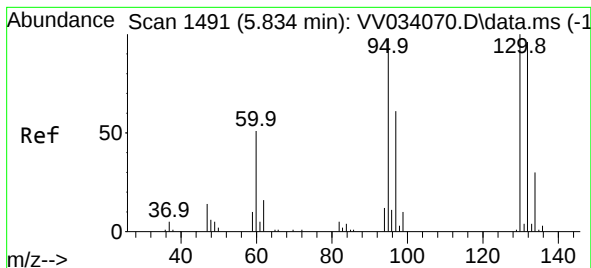
Tgt Ion: 96 Resp: 5833
 Ion Ratio Lower Upper
 96 100
 61 118.1 90.3 167.7
 98 63.1 43.2 80.2



#25
 Chloroform
 Concen: 0.179 ug/L
 RT: 4.288 min Scan# 1010
 Delta R.T. 0.006 min
 Lab File: VV034092.D
 Acq: 09 Feb 2024 04:57

Tgt Ion: 83 Resp: 1847
 Ion Ratio Lower Upper
 83 100
 85 73.5 47.5 88.1





#34

Trichloroethene

Concen: 2.313 ug/L

RT: 5.838 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV034092.D

Acq: 09 Feb 2024 04:57

Instrument :

MSVOA_V

ClientSampleId :

C0AD3

Tgt Ion: 95 Resp: 14994

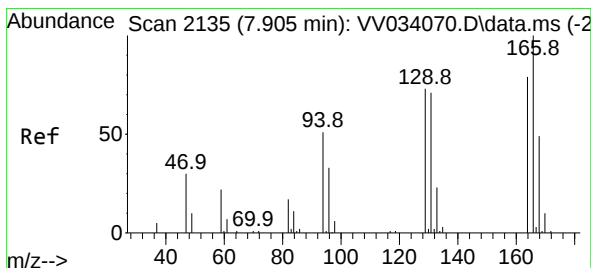
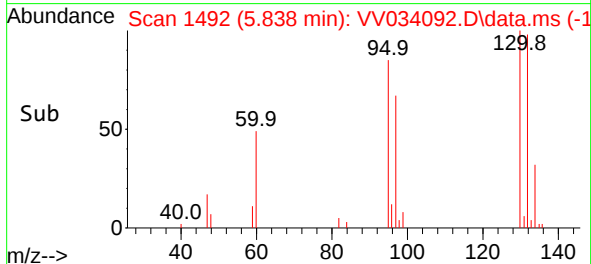
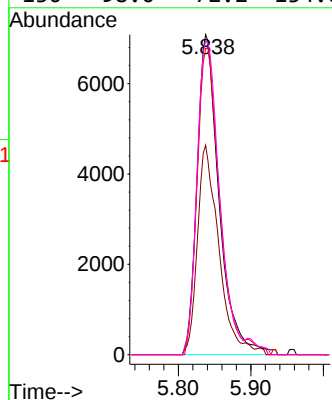
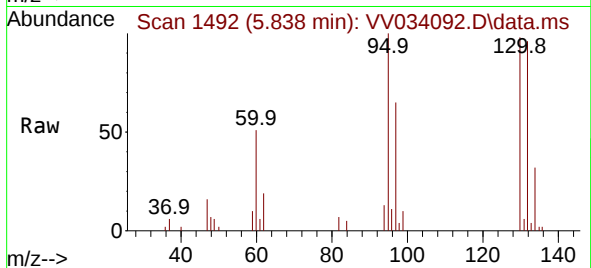
Ion Ratio Lower Upper

95 100

97 65.5 45.1 83.7

132 95.8 66.0 122.6

130 98.0 72.2 134.0



#47

Tetrachloroethene

Concen: 4.722 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV034092.D

Acq: 09 Feb 2024 04:57

Tgt Ion:164 Resp: 24878

Ion Ratio Lower Upper

164 100

129 91.4 67.8 125.8

131 83.8 63.0 117.0

166 130.7 92.6 172.0

