

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029490.D
 Acq On : 08 Dec 2022 22:06
 Operator : SY/MD
 Sample : N5929-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ98

Quant Time: Dec 09 04:16:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

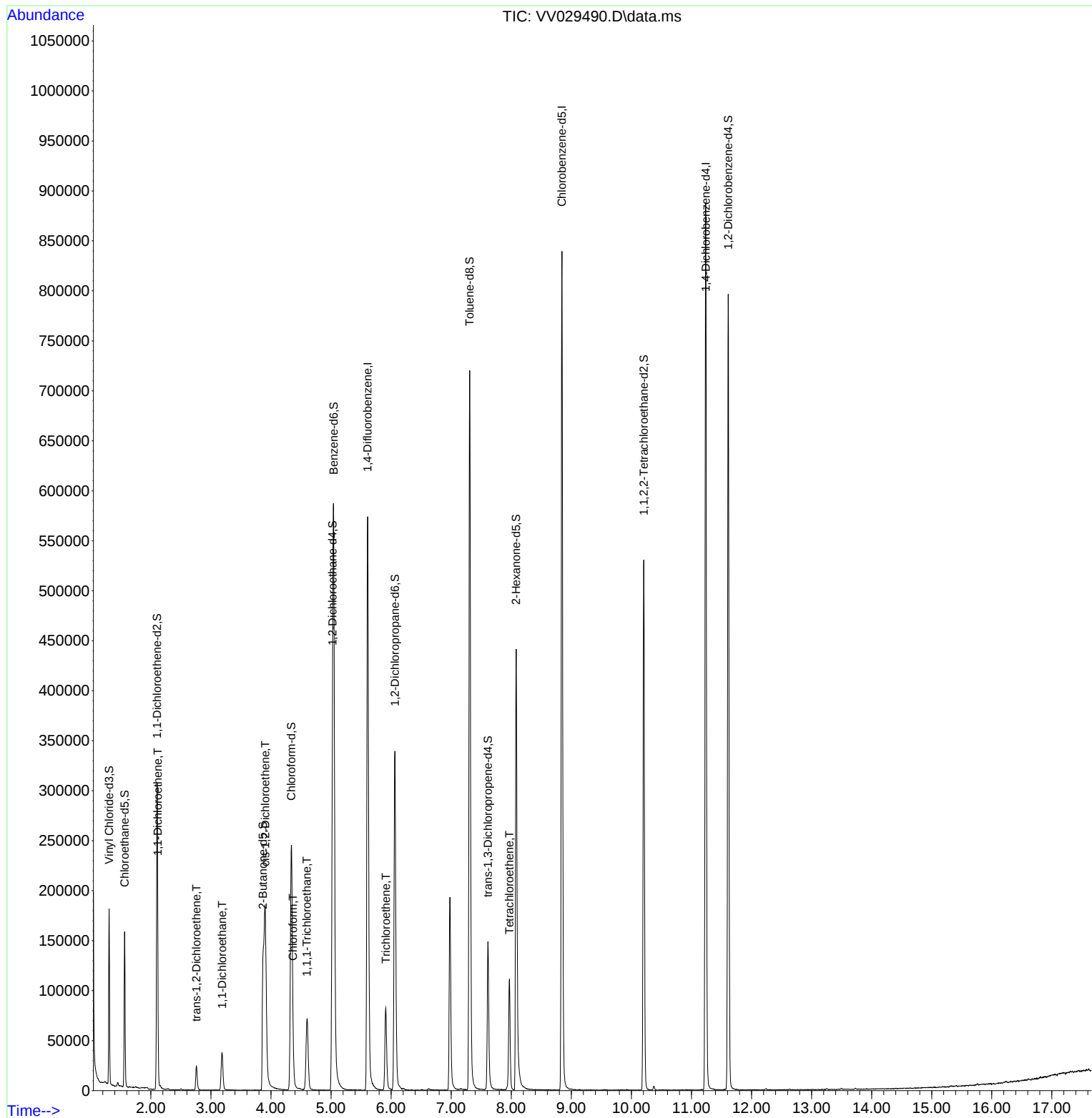
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	532092	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	489729	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	246169	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	109451	33.591	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	67.180%	
7) Chloroethane-d5	1.565	69	100795	40.569	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	81.140%	
11) 1,1-Dichloroethene-d2	2.105	63	153950	30.293	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	60.580%	
21) 2-Butanone-d5	3.867	46	201449	101.350	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	101.350%	
24) Chloroform-d	4.339	84	269019	43.875	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.740%	
26) 1,2-Dichloroethane-d4	5.024	65	163709	46.748	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.500%	
32) Benzene-d6	5.043	84	561241	43.372	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.740%	
36) 1,2-Dichloropropane-d6	6.063	67	175565	44.417	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	88.840%	
41) Toluene-d8	7.307	98	508655	41.718	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.440%	
43) trans-1,3-Dichloroprop...	7.613	79	84377	42.274	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.540%	
47) 2-Hexanone-d5	8.082	63	167224	99.073	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	99.070%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	265986	47.091	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	94.180%	
66) 1,2-Dichlorobenzene-d4	11.612	152	210216	44.859	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.720%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	4681	1.646	ug/L	# 1
17) trans-1,2-Dichloroethene	2.757	96	9011	2.750	ug/L	96
19) 1,1-Dichloroethane	3.185	63	39445	7.026	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	94381	26.191	ug/L	92
25) Chloroform	4.365	83	6872	1.181	ug/L	84
30) 1,1,1-Trichloroethane	4.597	97	61125	11.456	ug/L	99
34) Trichloroethene	5.912	95	29680	8.580	ug/L	98
46) Tetrachloroethene	7.969	164	27038	9.722	ug/L	98

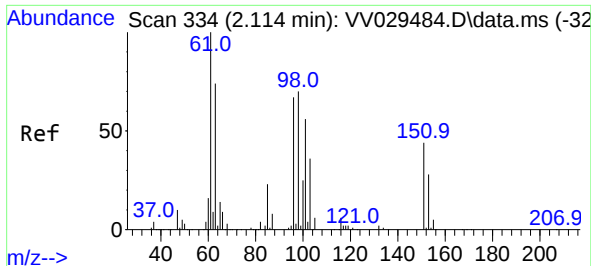
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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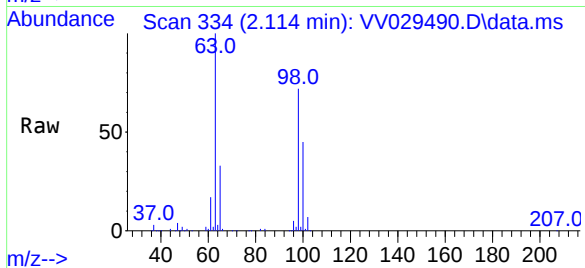
Quant Time: Dec 09 04:16:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
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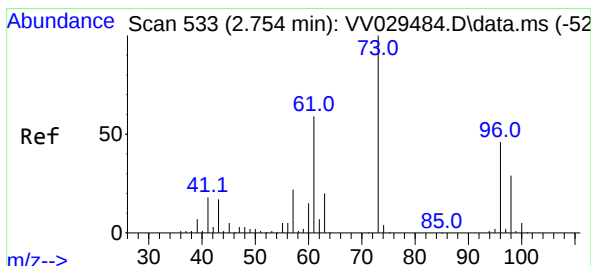
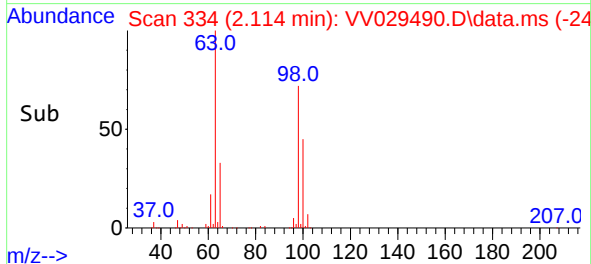
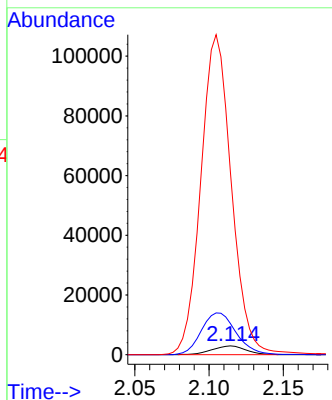


#12
1,1-Dichloroethene
Concen: 1.646 ug/L
RT: 2.114 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029490.D
Acq: 08 Dec 2022 22:06

Instrument :
MSVOA_V
ClientSampleId :
EXZ98

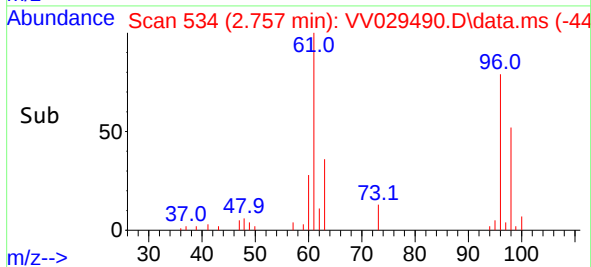
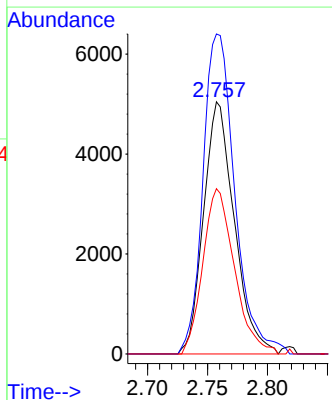
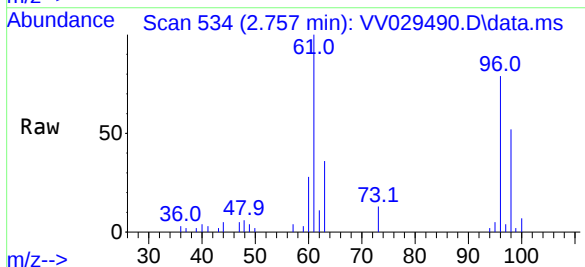


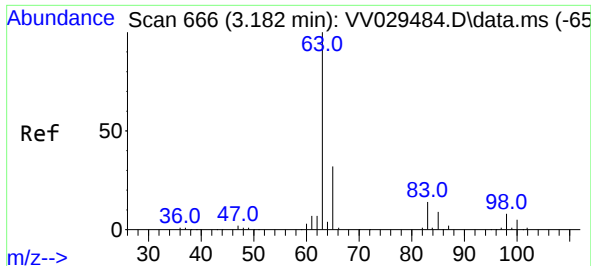
Tgt Ion: 96 Resp: 4681
Ion Ratio Lower Upper
96 100
61 352.4 103.3 191.9#
63 2065.3 77.3 143.7#



#17
trans-1,2-Dichloroethene
Concen: 2.750 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV029490.D
Acq: 08 Dec 2022 22:06

Tgt Ion: 96 Resp: 9011
Ion Ratio Lower Upper
96 100
61 126.9 86.4 160.4
98 65.5 43.4 80.6

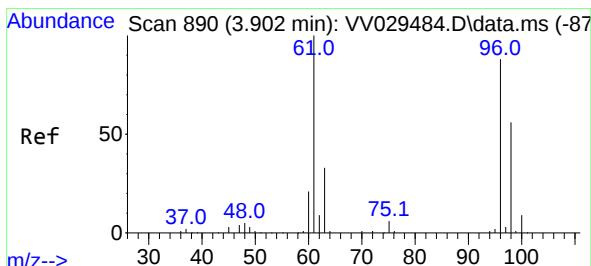
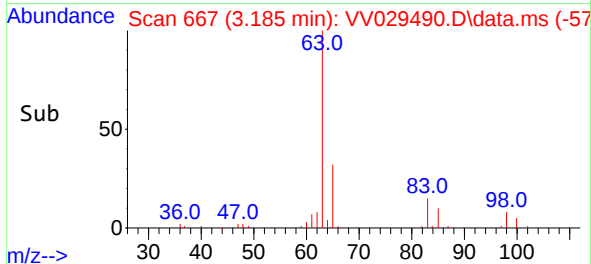
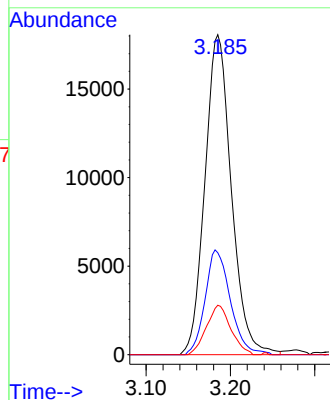
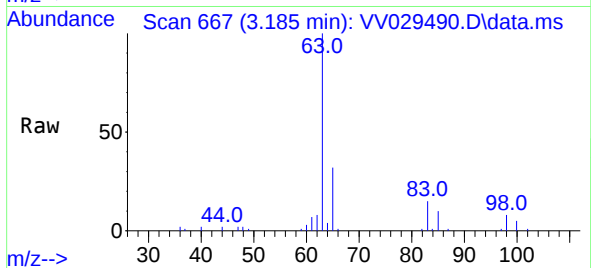




#19
1,1-Dichloroethane
Concen: 7.026 ug/L
RT: 3.185 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029490.D
Acq: 08 Dec 2022 22:06

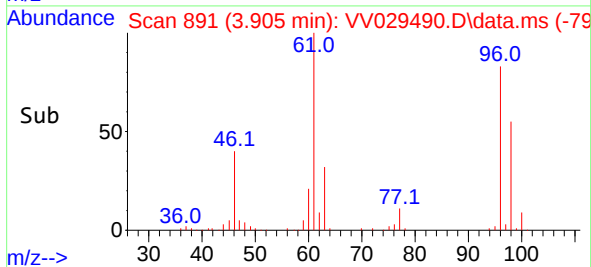
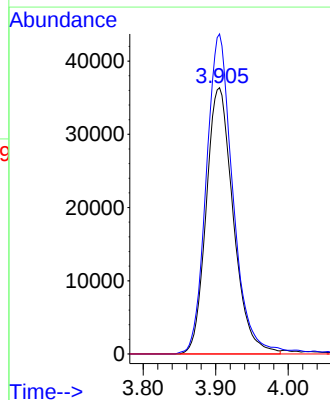
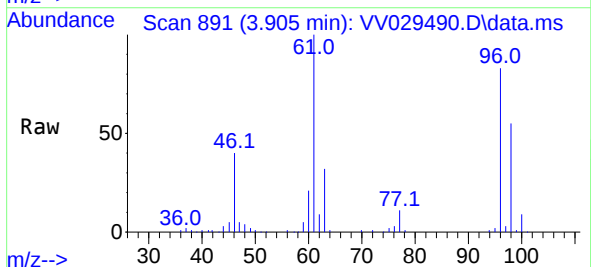
Instrument :
MSVOA_V
ClientSampleId :
EXZ98

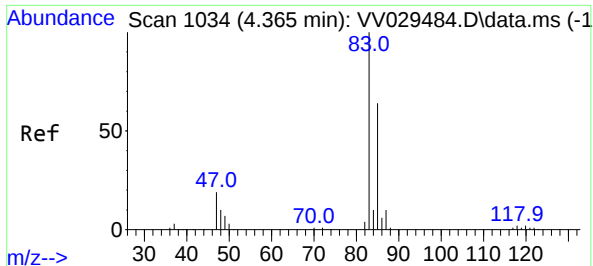
Tgt Ion: 63 Resp: 39445
Ion Ratio Lower Upper
63 100
65 31.8 22.5 41.7
83 15.5 10.4 19.2



#20
cis-1,2-Dichloroethene
Concen: 26.191 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV029490.D
Acq: 08 Dec 2022 22:06

Tgt Ion: 96 Resp: 94381
Ion Ratio Lower Upper
96 100
61 120.2 78.0 144.9
68 0.0 0.0 0.0

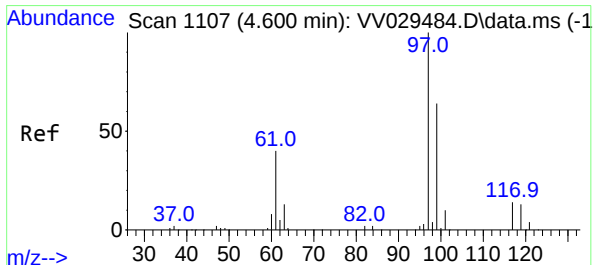
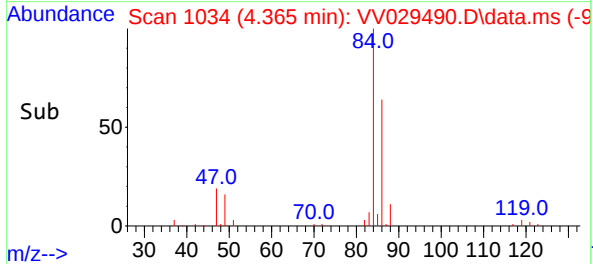
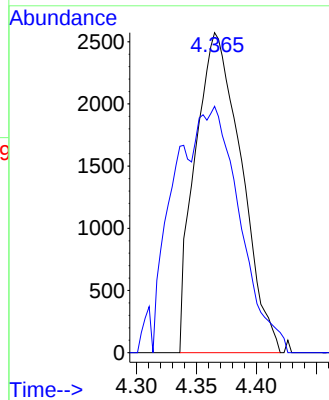
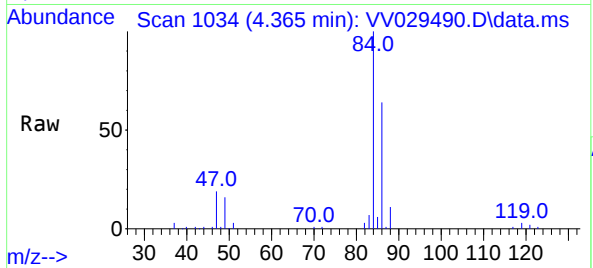




#25
Chloroform
Concen: 1.181 ug/L
RT: 4.365 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VV029490.D
Acq: 08 Dec 2022 22:06

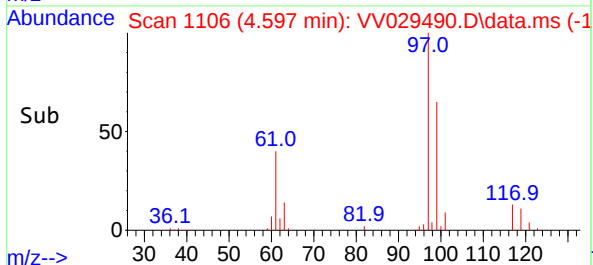
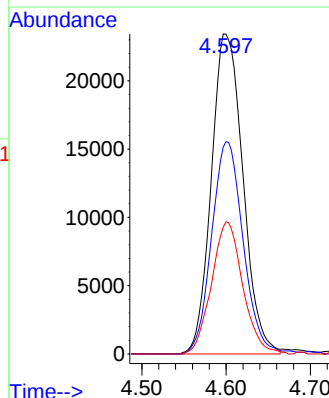
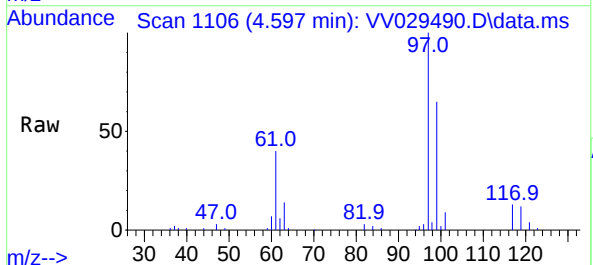
Instrument :
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ClientSampleId :
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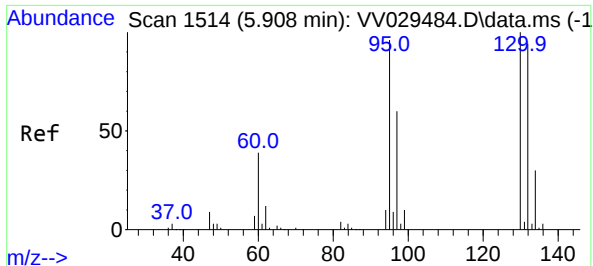
Tgt Ion: 83 Resp: 6872
Ion Ratio Lower Upper
83 100
85 77.0 45.1 83.9



#30
1,1,1-Trichloroethane
Concen: 11.456 ug/L
RT: 4.597 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VV029490.D
Acq: 08 Dec 2022 22:06

Tgt Ion: 97 Resp: 61125
Ion Ratio Lower Upper
97 100
99 65.8 52.1 78.1
61 40.7 31.8 47.8



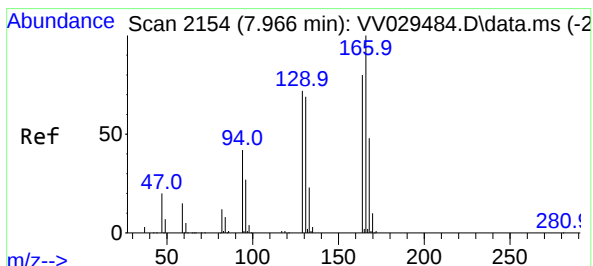
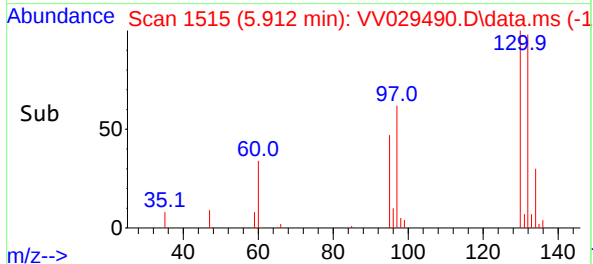
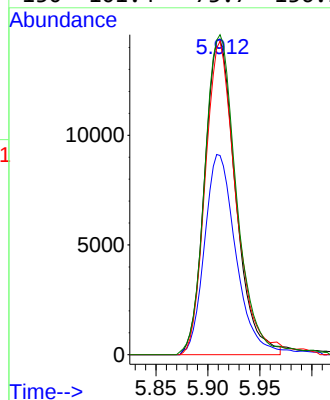
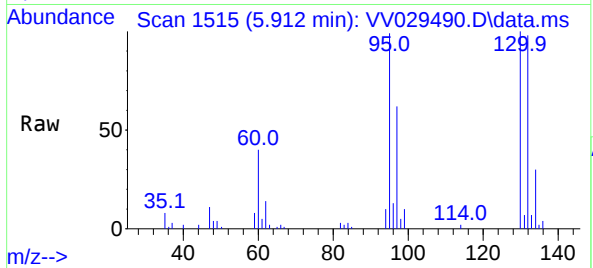


#34
Trichloroethene
Concen: 8.580 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029490.D
Acq: 08 Dec 2022 22:06

Instrument :
MSVOA_V
ClientSampleId :
EXZ98

Tgt Ion: 95 Resp: 29680

Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.0	81.8
132	99.3	69.9	129.9
130	101.4	73.7	136.9



#46
Tetrachloroethene
Concen: 9.722 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV029490.D
Acq: 08 Dec 2022 22:06

Tgt Ion: 164 Resp: 27038

Ion	Ratio	Lower	Upper
164	100		
129	93.6	65.3	121.3
131	88.4	63.1	117.1
166	125.5	90.8	168.6

