

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042723\
 Data File : VV030900.D
 Acq On : 27 Apr 2023 12:25
 Operator : SY/MD
 Sample : 02475-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 28 00:52:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 27 04:45:18 2023
 Response via : Initial Calibration

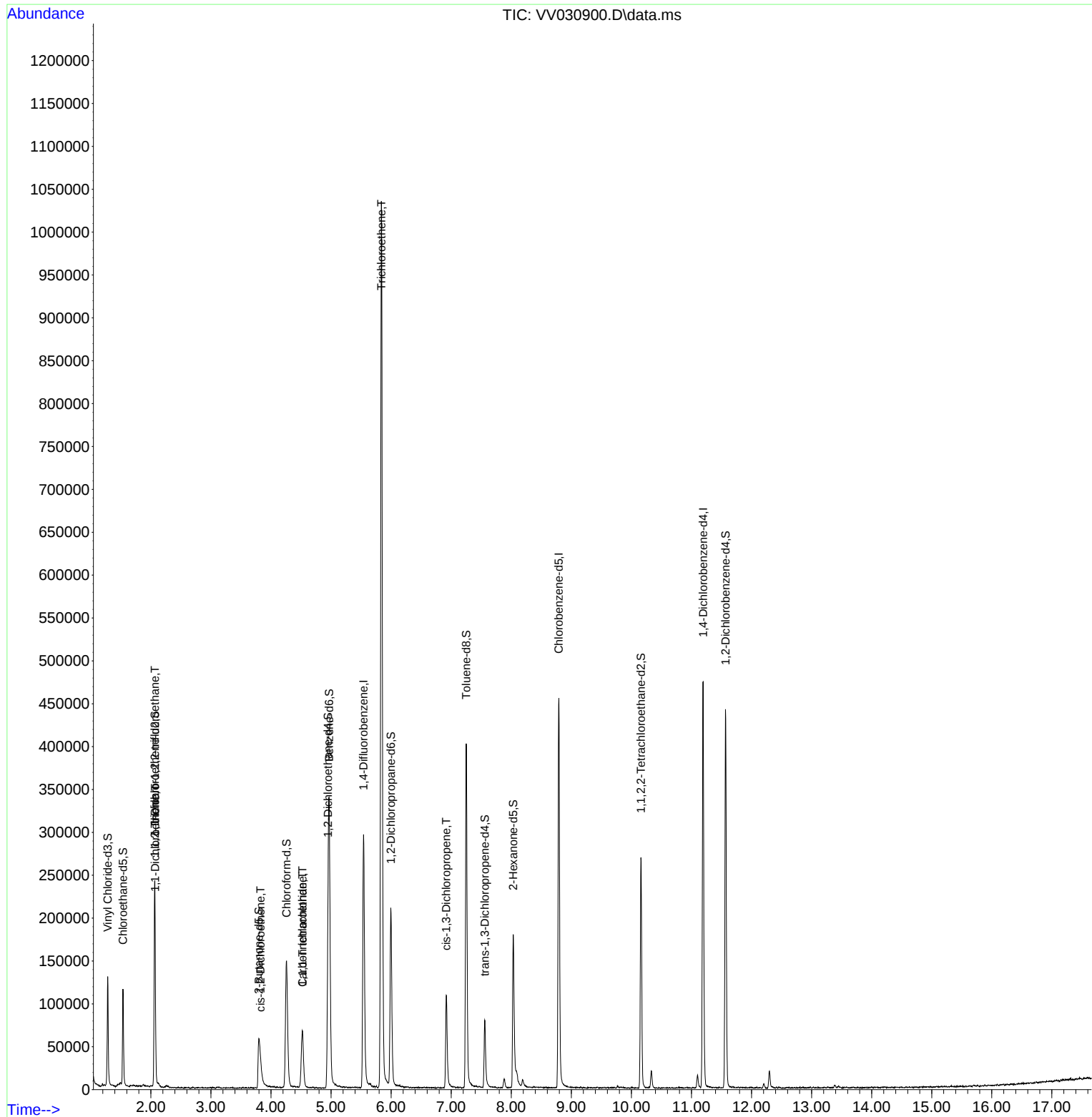
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	247267	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	243892	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	126955	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	81696	45.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.140%
7) Chloroethane-d5	1.536	69	66942	44.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.140%
11) 1,1-Dichloroethene-d2	2.066	65	39108	45.494	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.980%
21) 2-Butanone-d5	3.799	46	90494	90.892	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.890%
24) Chloroform-d	4.256	84	153460	46.716	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.440%
26) 1,2-Dichloroethane-d4	4.950	65	109714	51.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.900%
32) Benzene-d6	4.970	84	285142	49.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.900%
36) 1,2-Dichloropropane-d6	5.995	67	83191	46.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.900%
41) Toluene-d8	7.249	98	260661	48.146	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.300%
43) trans-1,3-Dichloroprop...	7.561	79	43277	47.938	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.880%
47) 2-Hexanone-d5	8.034	63	60194	85.308	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.310%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	112810	43.404	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	110309	54.665	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.340%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	2186	1.141	ug/L #	67
12) 1,1-Dichloroethene	2.073	96	2589	1.495	ug/L #	1
20) cis-1,2-Dichloroethene	3.825	96	5493	2.889	ug/L	94
30) 1,1,1-Trichloroethane	4.523	97	53706	15.671	ug/L	99
31) Carbon tetrachloride	4.526	117	6496	2.120	ug/L	97
34) Trichloroethene	5.838	95	336615	174.735	ug/L	98
39) cis-1,3-Dichloropropene	6.918	75	3187	1.065	ug/L #	44

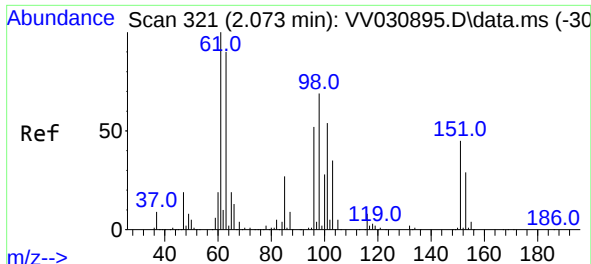
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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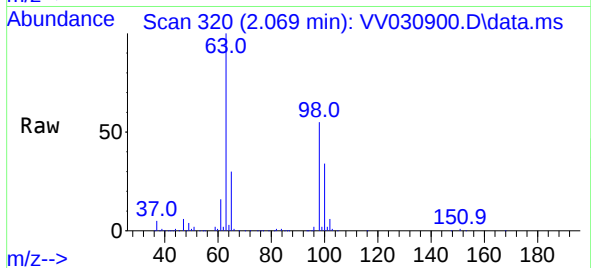
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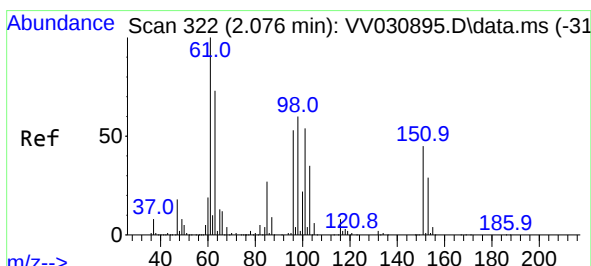
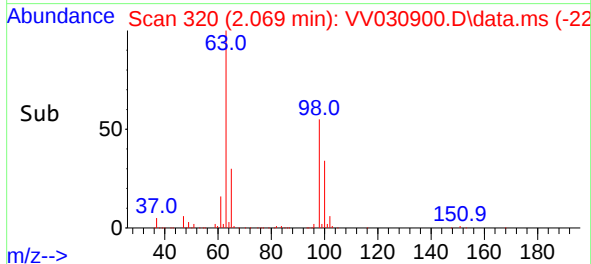
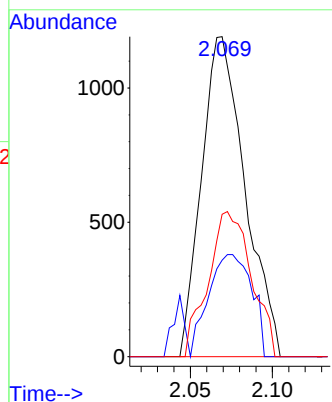


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.141 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV030900.D
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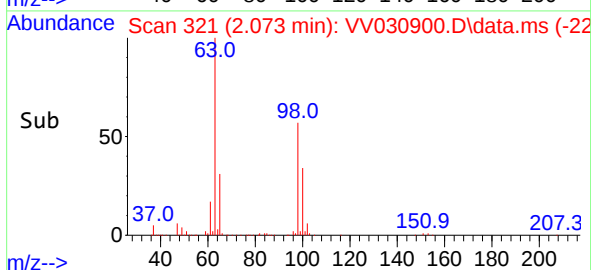
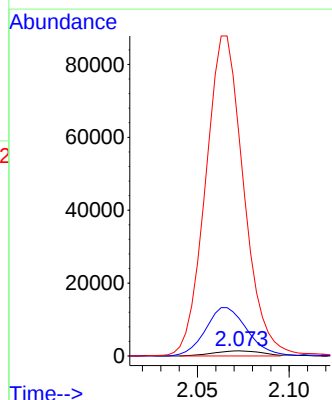
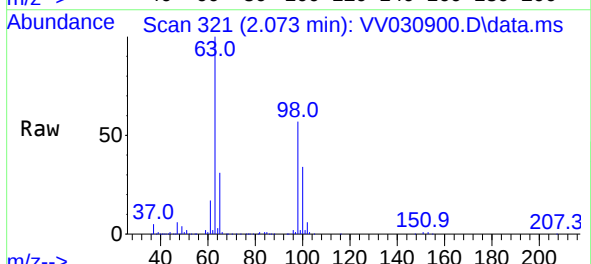


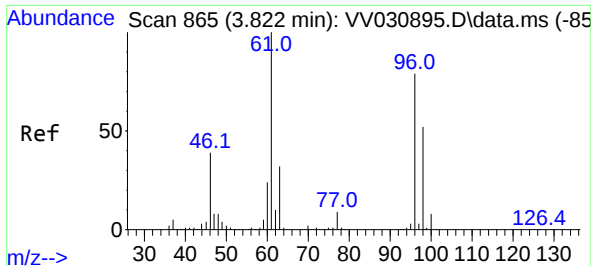
Tgt Ion:101 Resp: 2186
 Ion Ratio Lower Upper
 101 100
 85 31.8 37.5 56.3#
 151 45.3 63.5 95.3#



#12
 1,1-Dichloroethene
 Concen: 1.495 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV030900.D
 Acq: 27 Apr 2023 12:25

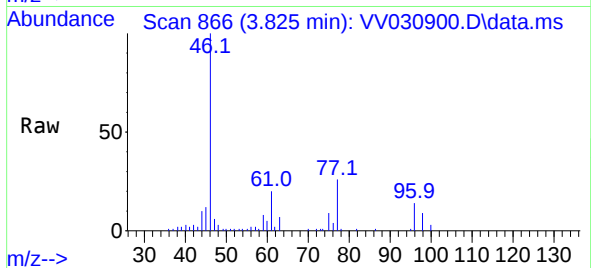
Tgt Ion: 96 Resp: 2589
 Ion Ratio Lower Upper
 96 100
 61 735.8 131.9 245.0#
 63 4312.2 99.8 185.3#



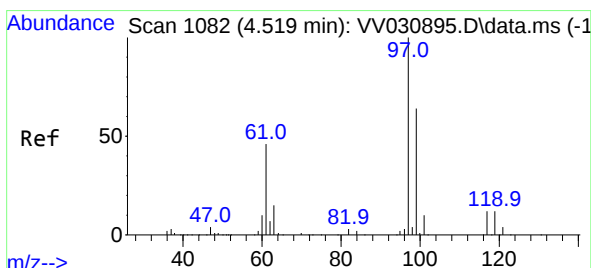
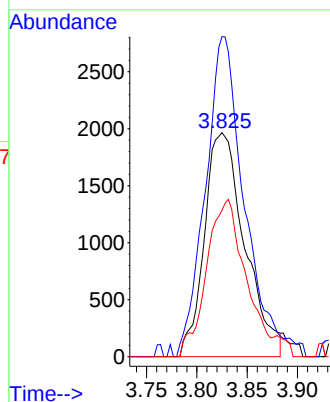
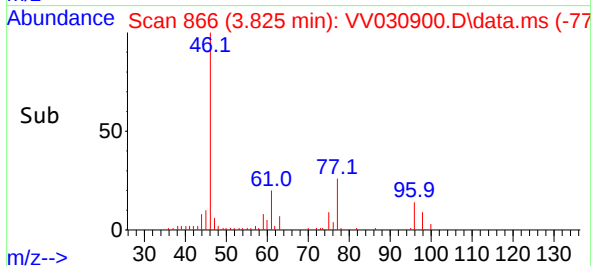


#20
cis-1,2-Dichloroethene
Concen: 2.889 ug/L
RT: 3.825 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV030900.D
Acq: 27 Apr 2023 12:25

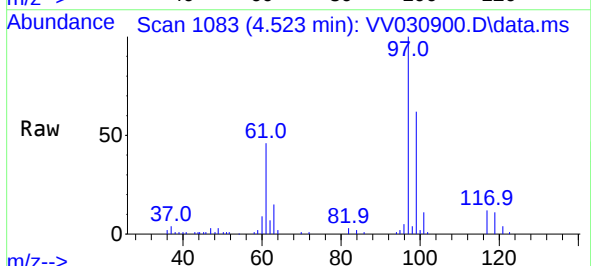
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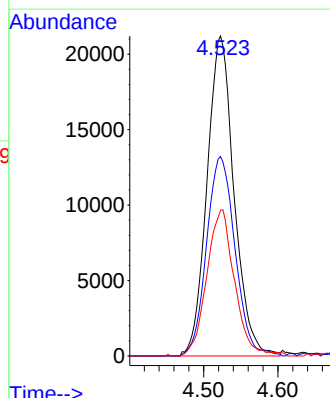
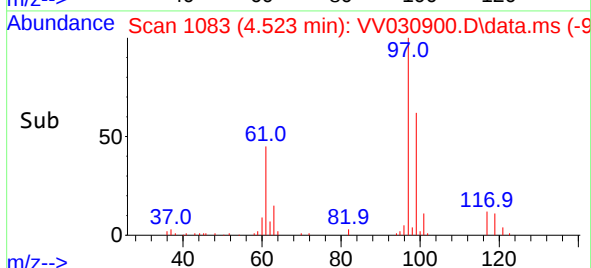
Tgt Ion: 96 Resp: 5493
Ion Ratio Lower Upper
96 100
61 142.8 92.3 171.3
98 65.3 45.9 85.3

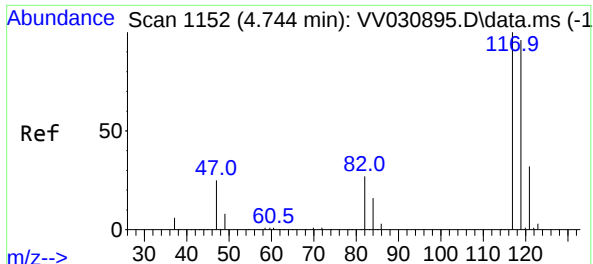


#30
1,1,1-Trichloroethane
Concen: 15.671 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. 0.003 min
Lab File: VV030900.D
Acq: 27 Apr 2023 12:25



Tgt Ion: 97 Resp: 53706
Ion Ratio Lower Upper
97 100
99 65.6 51.4 77.0
61 45.9 37.0 55.6

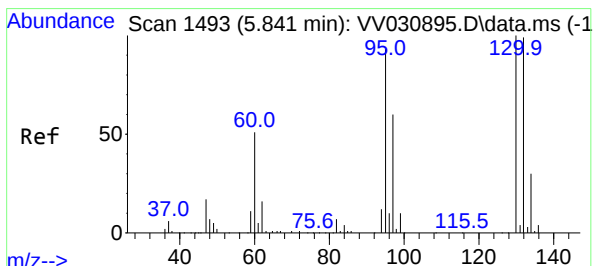
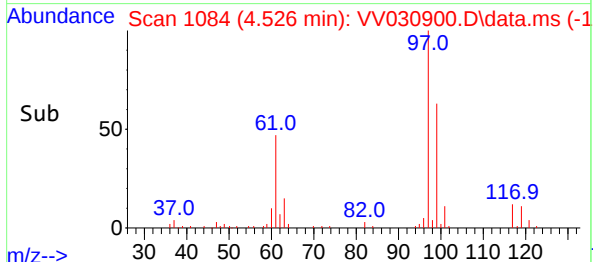
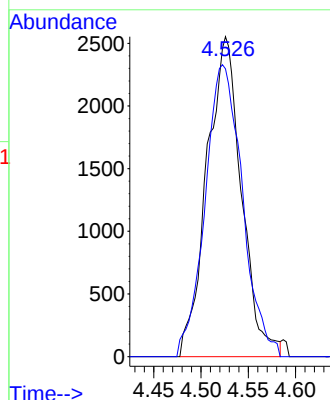
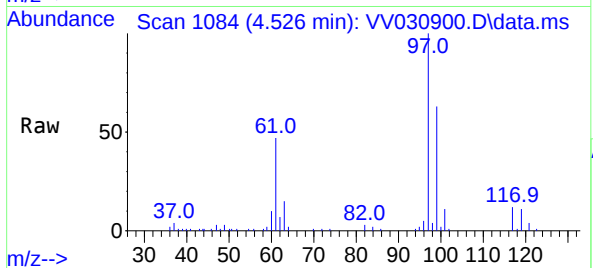




#31
Carbon tetrachloride
Concen: 2.120 ug/L
RT: 4.526 min Scan# 1084
Delta R.T. -0.218 min
Lab File: VV030900.D
Acq: 27 Apr 2023 12:25

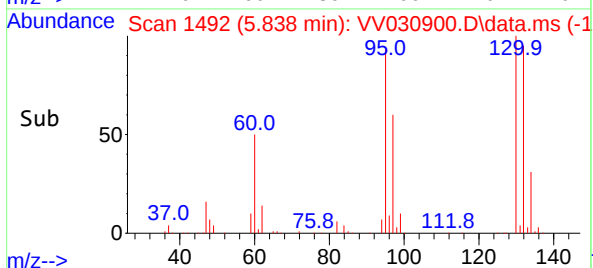
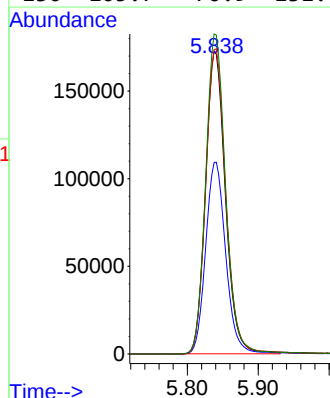
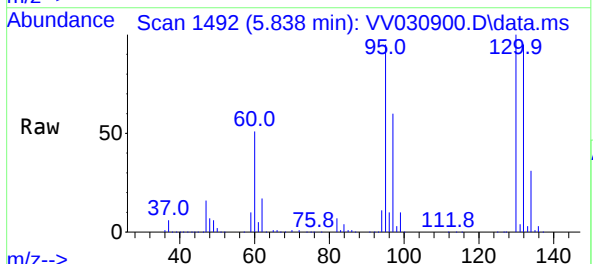
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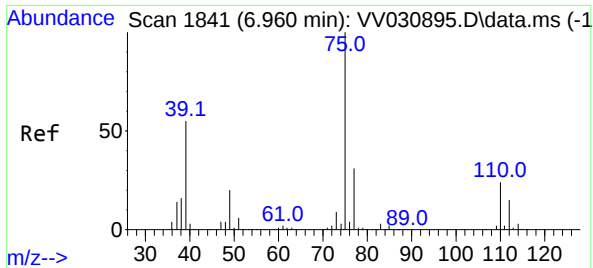
Tgt Ion:117 Resp: 6496
Ion Ratio Lower Upper
117 100
119 97.7 75.9 113.9



#34
Trichloroethene
Concen: 174.735 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VV030900.D
Acq: 27 Apr 2023 12:25

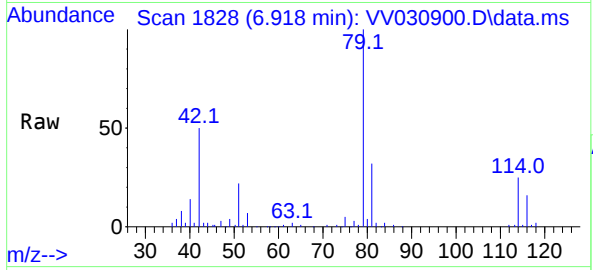
Tgt Ion: 95 Resp: 336615
Ion Ratio Lower Upper
95 100
97 63.2 45.8 85.2
132 100.5 70.6 131.2
130 105.7 70.9 131.7





#39
 cis-1,3-Dichloropropene
 Concen: 1.065 ug/L
 RT: 6.918 min Scan# 11
 Delta R.T. -0.042 min
 Lab File: VV030900.D
 Acq: 27 Apr 2023 12:25

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 3187

Ion	Ratio	Lower	Upper
75	100		
77	62.2	22.0	40.8#

