

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030595.D
 Acq On : 17 Apr 2023 17:46
 Operator : SY/MD
 Sample : 02360-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

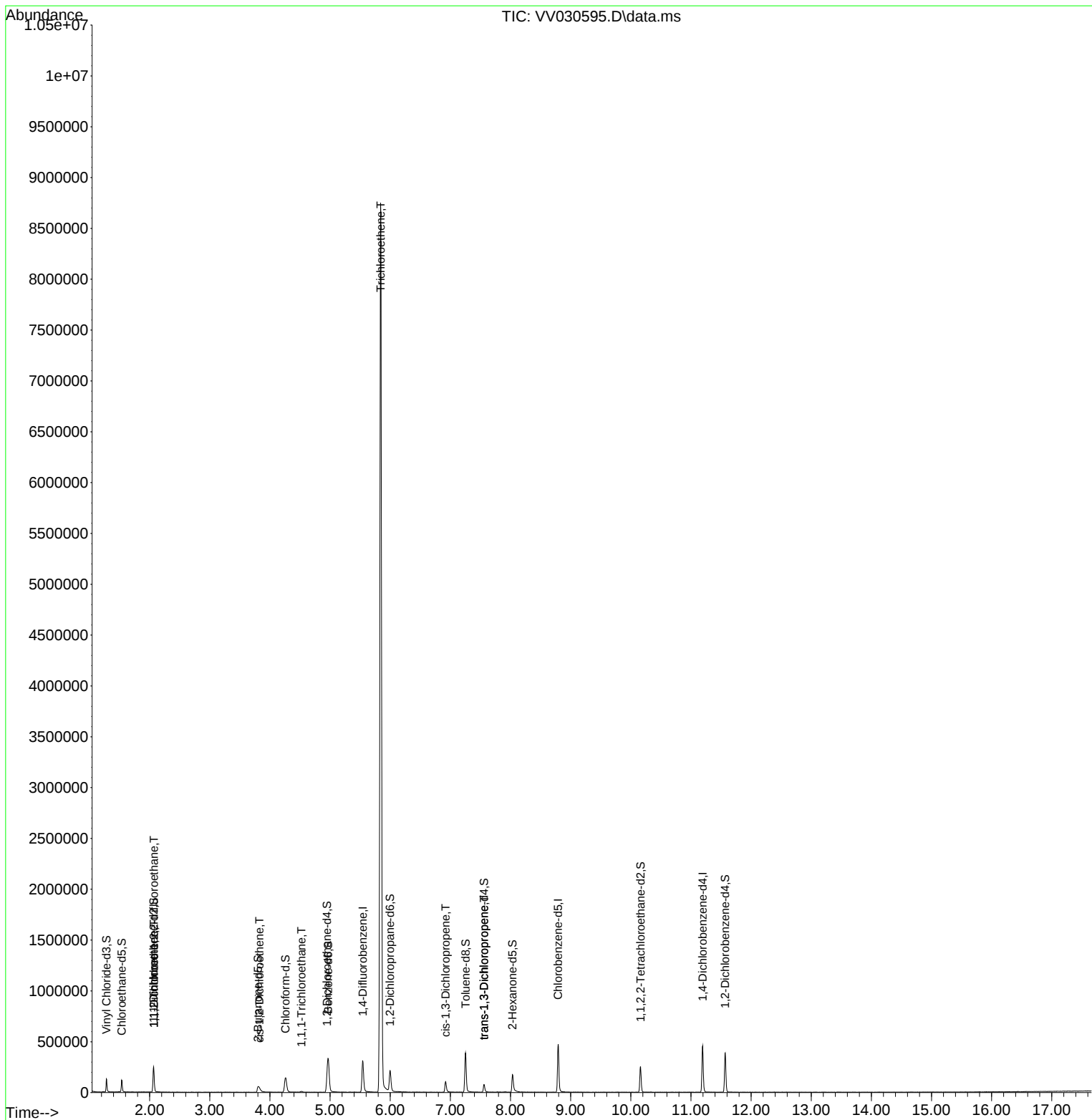
Quant Time: Apr 18 02:51:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

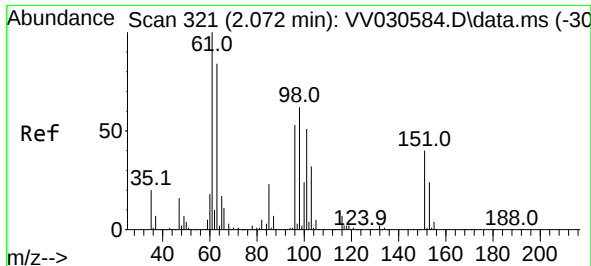
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	255107	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	246296	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	118258	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	86389	46.194	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	92.380%	
7) Chloroethane-d5	1.535	69	70236	44.817	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	89.640%	
11) 1,1-Dichloroethene-d2	2.066	65	39911	45.002	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.000%	
21) 2-Butanone-d5	3.802	46	90508	88.112	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	88.110%	
24) Chloroform-d	4.259	84	151254	44.629	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.260%	
26) 1,2-Dichloroethane-d4	4.950	65	102671	47.120	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.240%	
32) Benzene-d6	4.969	84	284005	48.772	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.540%	
36) 1,2-Dichloropropane-d6	5.998	67	91572	50.625	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	101.260%	
41) Toluene-d8	7.252	98	248618	45.473	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.940%	
43) trans-1,3-Dichloroprop...	7.561	79	42052	46.126	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.260%	
47) 2-Hexanone-d5	8.034	63	60924	85.500	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	85.500%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	115001	43.815	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	87.640%	
66) 1,2-Dichlorobenzene-d4	11.570	152	95174	50.633	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.260%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	4260	2.156	ug/L #	81
12) 1,1-Dichloroethene	2.072	96	2268	1.270	ug/L #	1
20) cis-1,2-Dichloroethene	3.825	96	8673	4.421	ug/L	97
30) 1,1,1-Trichloroethane	4.522	97	5485	1.585	ug/L #	85
34) Trichloroethene	5.841	95	2846927	1463.396	ug/L	97
39) cis-1,3-Dichloropropene	6.921	75	3525	1.167	ug/L	87
44) trans-1,3-Dichloropropene	7.561	75	2213	0.746	ug/L	85

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 18 02:45:56 2023
Response via : Initial Calibration

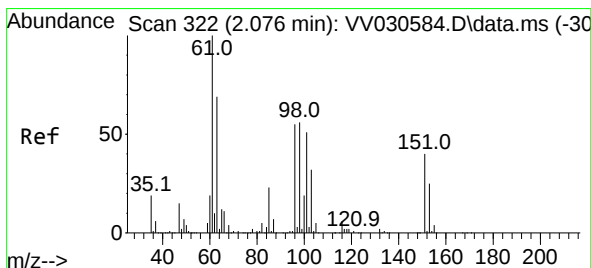
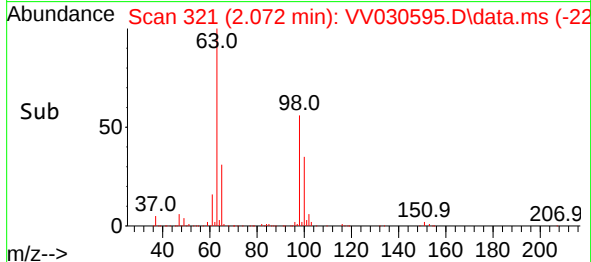
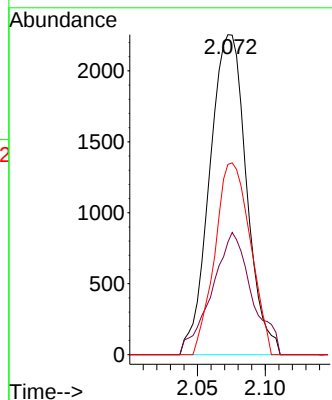
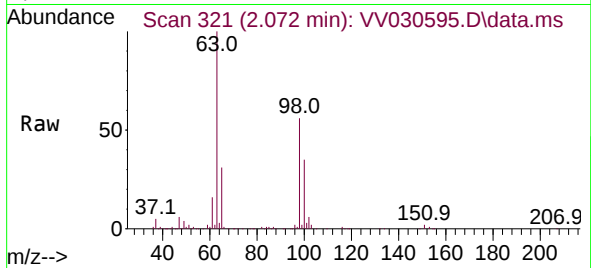




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.156 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV030595.D
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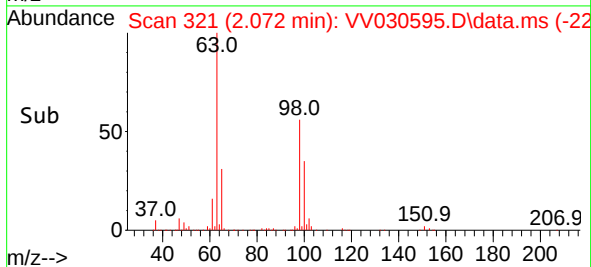
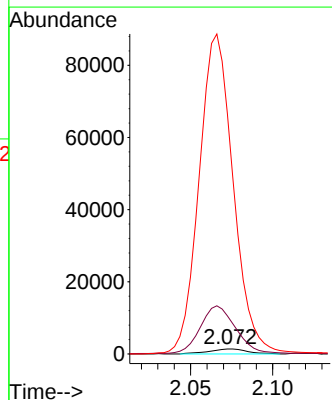
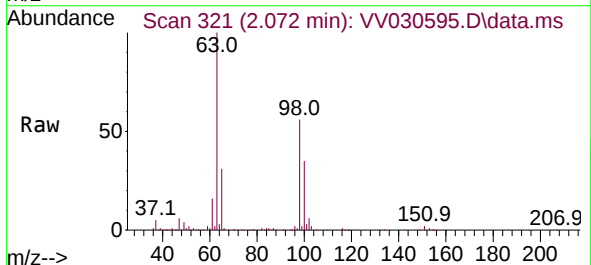
Instrument :
 MSVOA_V
 ClientSampleId :

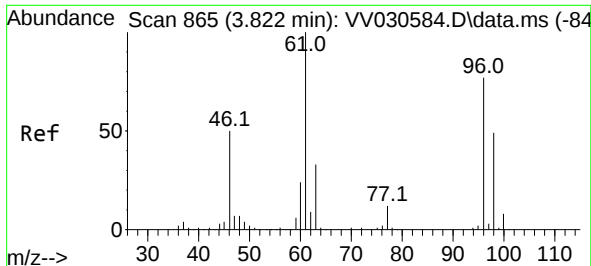
Tgt Ion:101 Resp: 4260
 Ion Ratio Lower Upper
 101 100
 85 41.5 37.5 56.3
 151 57.5 63.5 95.3#



#12
 1,1-Dichloroethene
 Concen: 1.270 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VV030595.D
 Acq: 17 Apr 2023 17:46

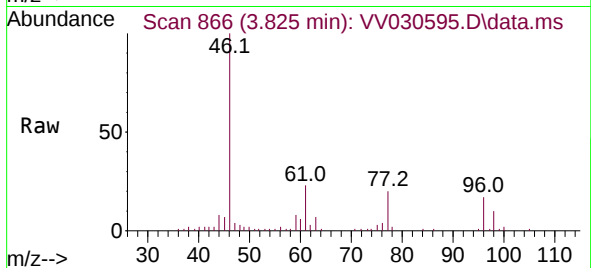
Tgt Ion: 96 Resp: 2268
 Ion Ratio Lower Upper
 96 100
 61 761.4 131.9 245.0#
 63 4797.1 99.8 185.3#





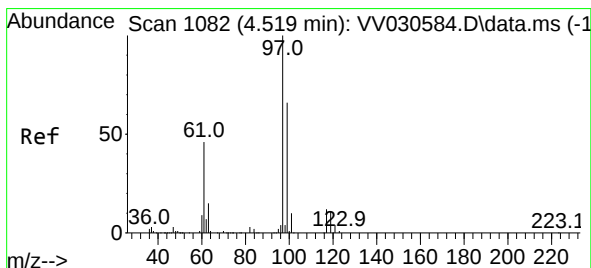
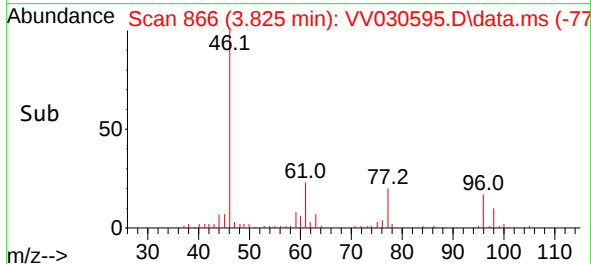
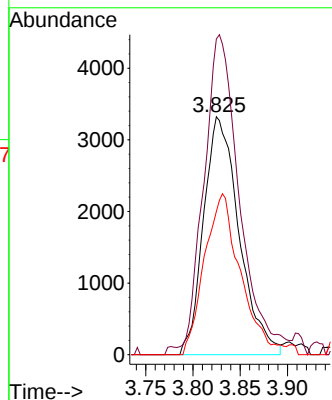
#20
 cis-1,2-Dichloroethene
 Concen: 4.421 ug/L
 RT: 3.825 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV030595.D
 Acq: 17 Apr 2023 17:46

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 8673

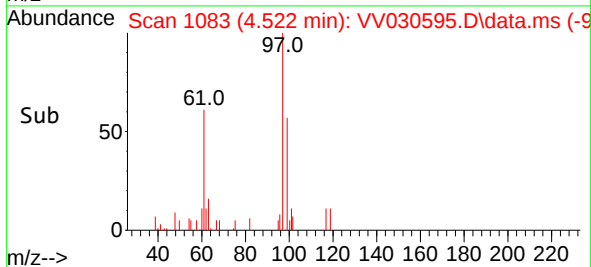
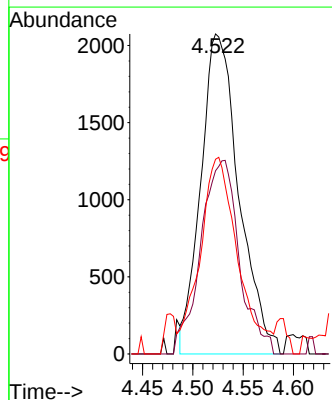
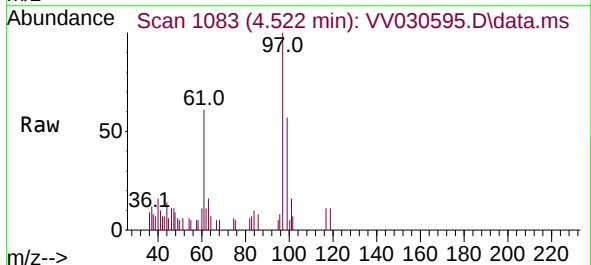
Ion	Ratio	Lower	Upper
96	100		
61	132.7	92.3	171.3
98	60.2	45.9	85.3

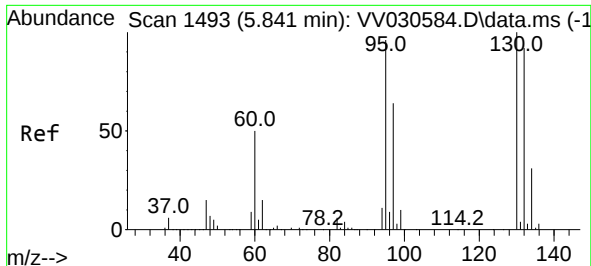


#30
 1,1,1-Trichloroethane
 Concen: 1.585 ug/L
 RT: 4.522 min Scan# 1083
 Delta R.T. 0.003 min
 Lab File: VV030595.D
 Acq: 17 Apr 2023 17:46

Tgt Ion: 97 Resp: 5485

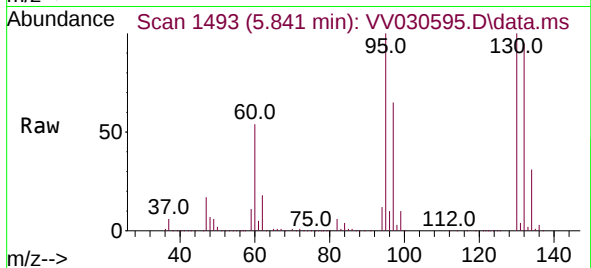
Ion	Ratio	Lower	Upper
97	100		
99	56.8	51.4	77.0
61	60.6	37.0	55.6





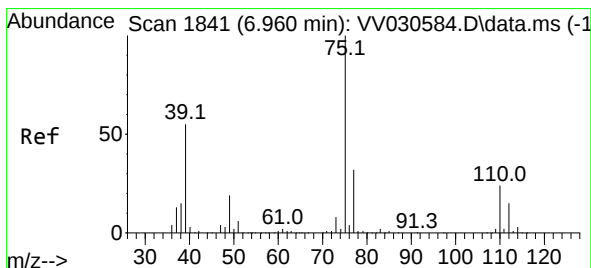
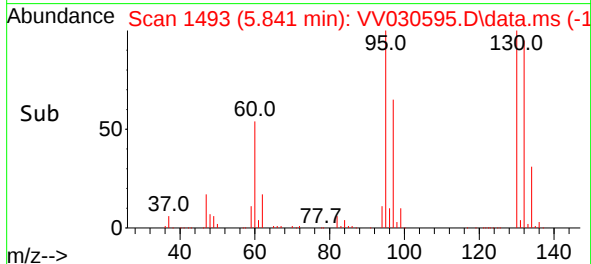
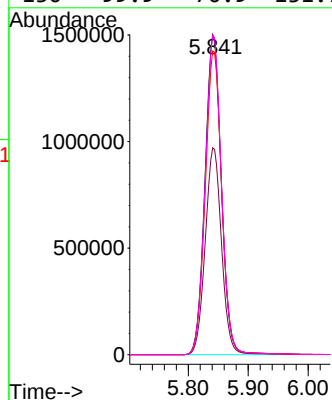
#34
Trichloroethene
Concen: 1463.396 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030595.D
Acq: 17 Apr 2023 17:46

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 2846927

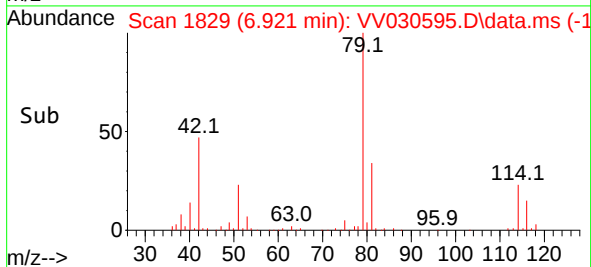
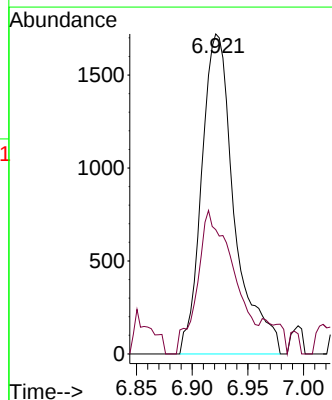
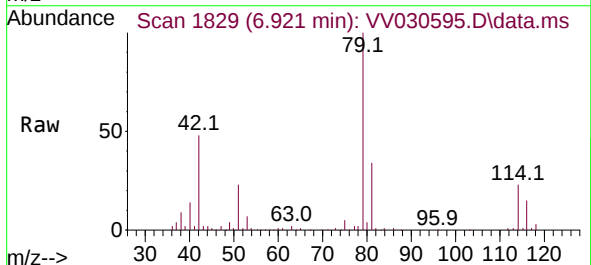
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.8	85.2
132	94.9	70.6	131.2
130	99.9	70.9	131.7

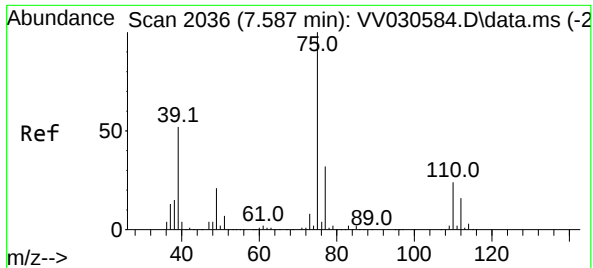


#39
cis-1,3-Dichloropropene
Concen: 1.167 ug/L
RT: 6.921 min Scan# 1829
Delta R.T. -0.039 min
Lab File: VV030595.D
Acq: 17 Apr 2023 17:46

Tgt Ion: 75 Resp: 3525

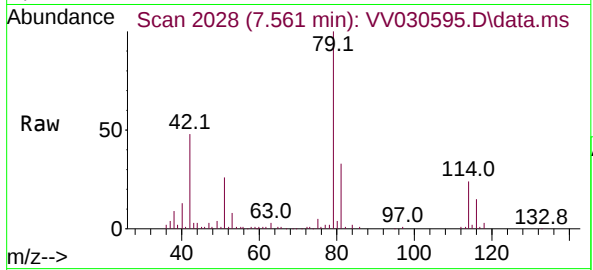
Ion	Ratio	Lower	Upper
75	100		
77	38.8	22.0	40.8





#44
 trans-1,3-Dichloropropene
 Concen: 0.746 ug/L
 RT: 7.561 min Scan# 2036
 Delta R.T. -0.026 min
 Lab File: VV030595.D
 Acq: 17 Apr 2023 17:46

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 2213
 Ion Ratio Lower Upper
 75 100
 77 40.1 22.1 41.1

