

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
 Data File : VV033397.D
 Acq On : 15 Dec 2023 23:03
 Operator : SY/MD
 Sample : 05846-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 00:22:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 15 23:24:47 2023
 Response via : Initial Calibration

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

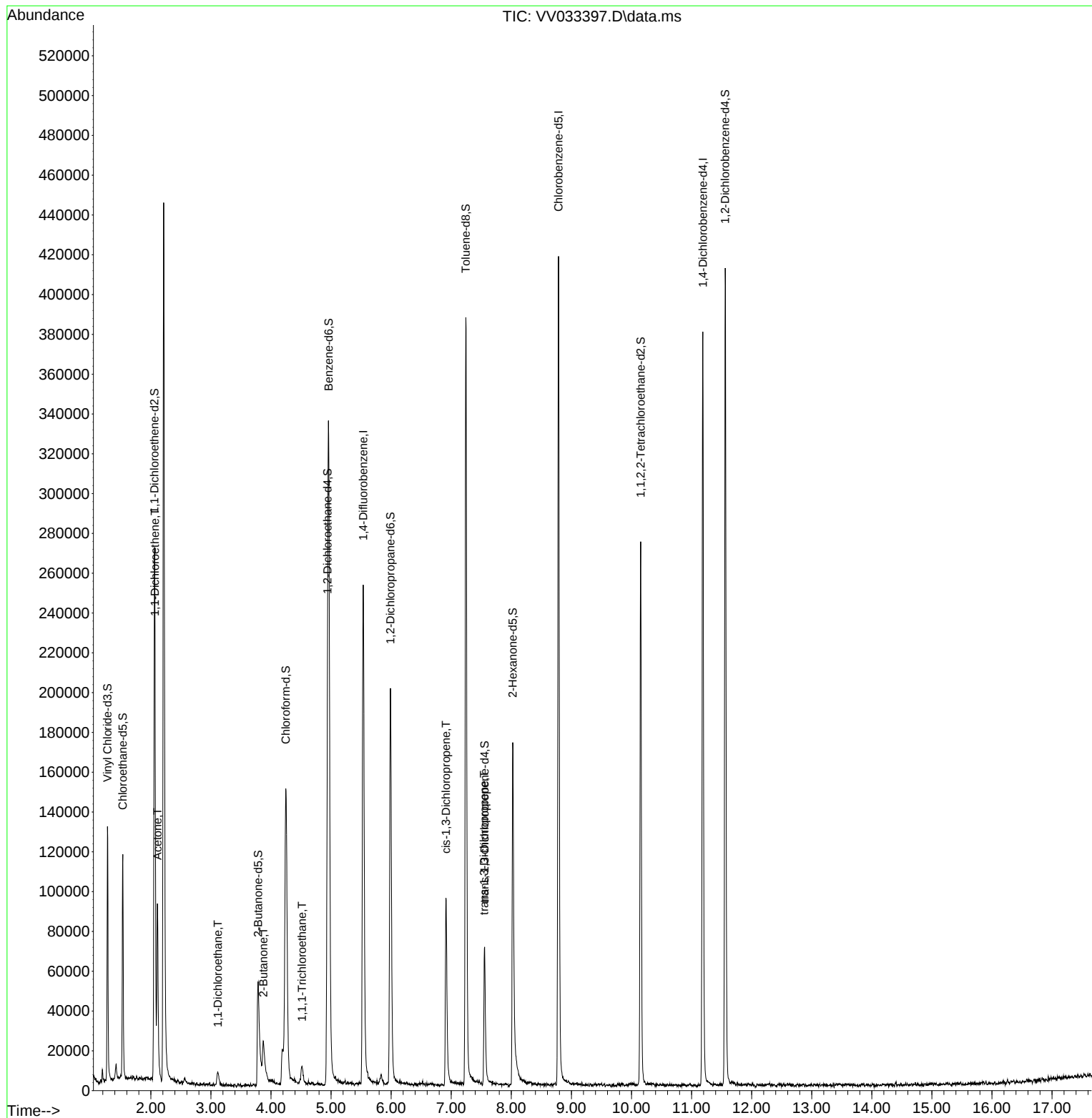
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	216758	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	226986	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	94192	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78316	46.917	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.840%		
7) Chloroethane-d5	1.532	69	71602	47.799	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.600%		
11) 1,1-Dichloroethene-d2	2.060	65	39024	46.964	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.920%		
21) 2-Butanone-d5	3.786	46	84658	100.631	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.630%		
24) Chloroform-d	4.246	84	159189	48.211	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.420%		
26) 1,2-Dichloroethane-d4	4.941	65	100141	49.370	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.740%		
32) Benzene-d6	4.960	84	292352	47.821	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.640%		
36) 1,2-Dichloropropane-d6	5.989	67	90586	48.822	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.640%		
41) Toluene-d8	7.243	98	247646	44.271	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.540%		
43) trans-1,3-Dichloroprop...	7.555	79	39685	43.642	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.280%		
47) 2-Hexanone-d5	8.024	63	55524	88.971	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.970%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	125732	47.148	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.300%		
66) 1,2-Dichlorobenzene-d4	11.561	152	101043	57.086	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.180%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	20998	13.747	ug/L #	1
13) Acetone	2.111	43	87253	89.350	ug/L	98
19) 1,1-Dichloroethane	3.114	63	6136	2.217	ug/L #	94
22) 2-Butanone	3.873	43	34557	35.919	ug/L	79
30) 1,1,1-Trichloroethane	4.516	97	6806	2.429	ug/L #	79
39) cis-1,3-Dichloropropene	6.912	75	3147	1.318	ug/L	95
44) trans-1,3-Dichloropropene	7.548	75	2170	0.906	ug/L	89

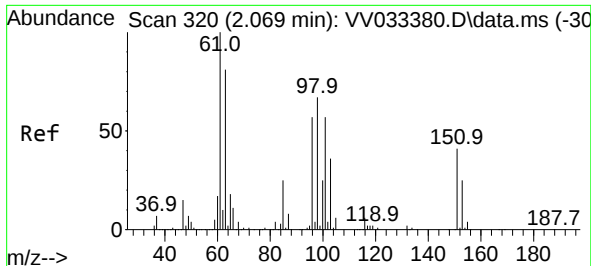
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 13.747 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

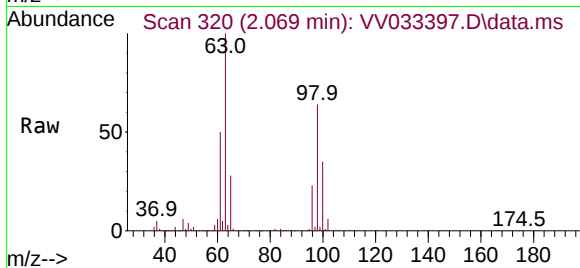
Lab File: VV033397.D

Acq: 15 Dec 2023 23:03

Instrument :

MSVOA_V

ClientSampleId :



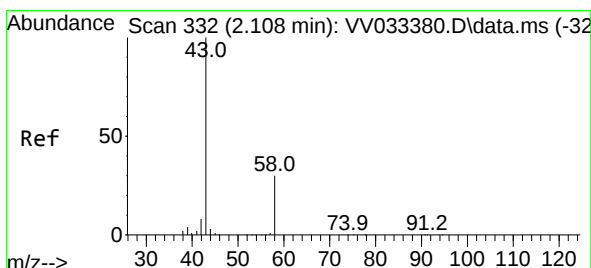
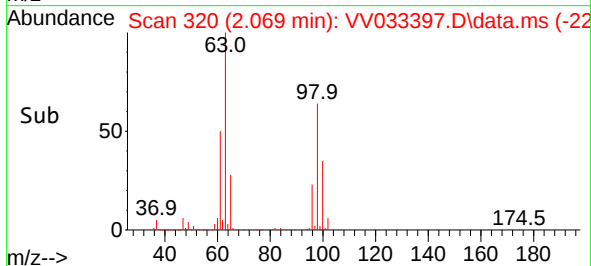
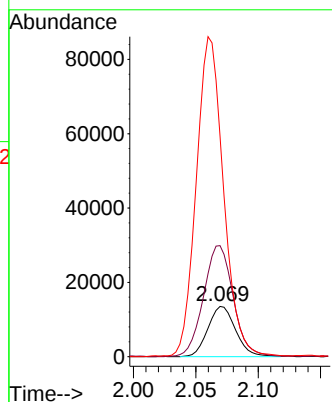
Tgt Ion: 96 Resp: 20998

Ion Ratio Lower Upper

96 100

61 221.1 124.3 230.8

63 438.5 108.1 200.7#



#13

Acetone

Concen: 89.350 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV033397.D

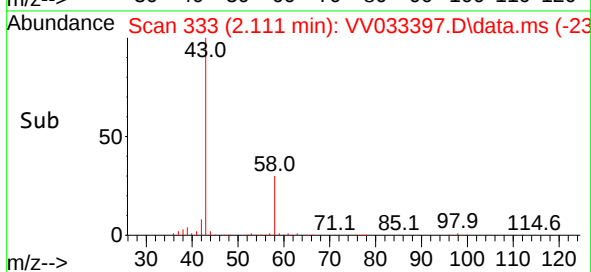
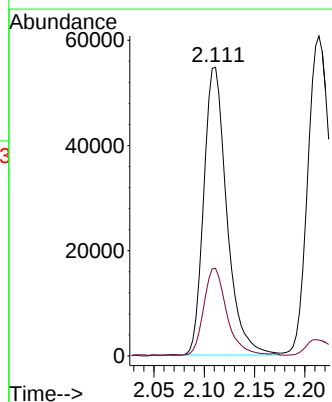
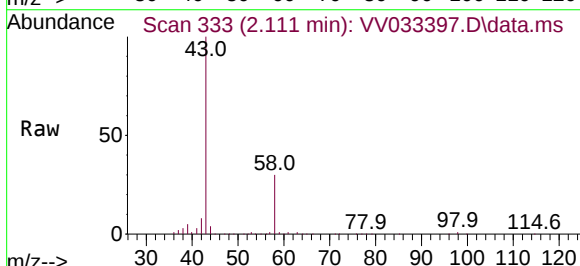
Acq: 15 Dec 2023 23:03

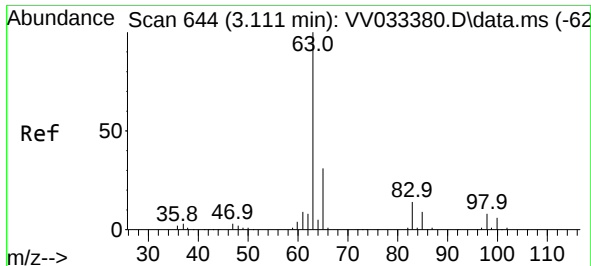
Tgt Ion: 43 Resp: 87253

Ion Ratio Lower Upper

43 100

58 30.5 0.0 59.2

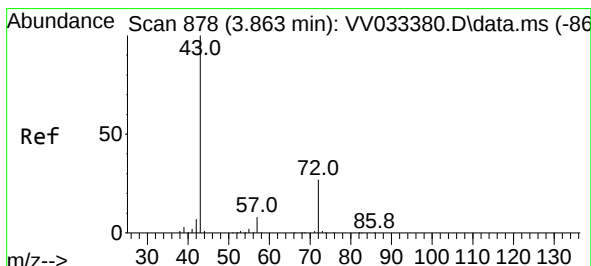
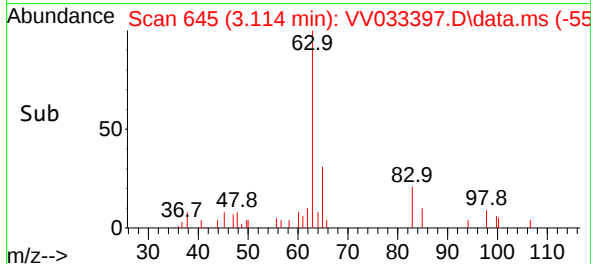
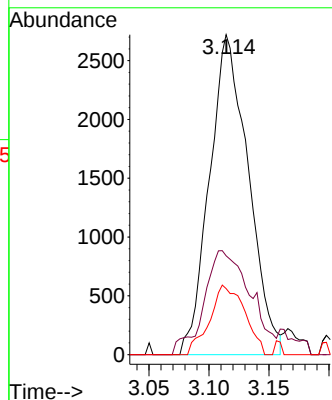
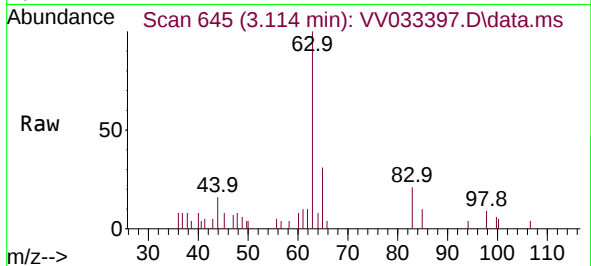




#19
1,1-Dichloroethane
Concen: 2.217 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV033397.D
Acq: 15 Dec 2023 23:03

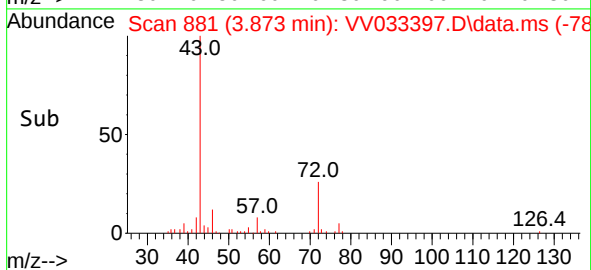
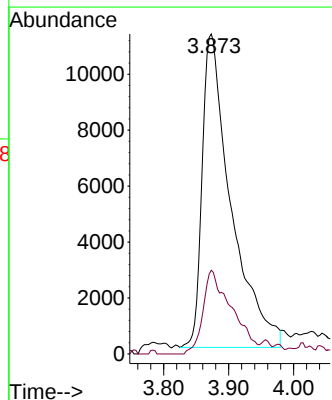
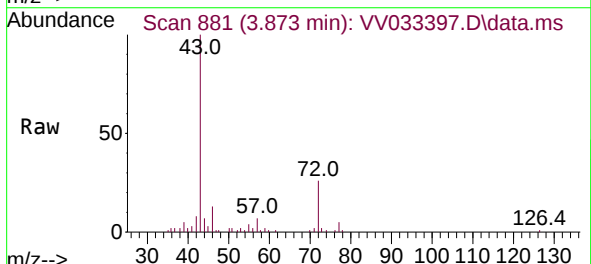
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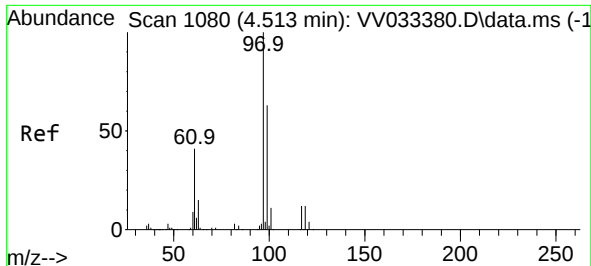
Tgt Ion: 63 Resp: 6136
Ion Ratio Lower Upper
63 100
65 30.9 21.1 39.3
83 20.6 9.7 17.9#



#22
2-Butanone
Concen: 35.919 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.010 min
Lab File: VV033397.D
Acq: 15 Dec 2023 23:03

Tgt Ion: 43 Resp: 34557
Ion Ratio Lower Upper
43 100
72 14.2 12.4 37.4

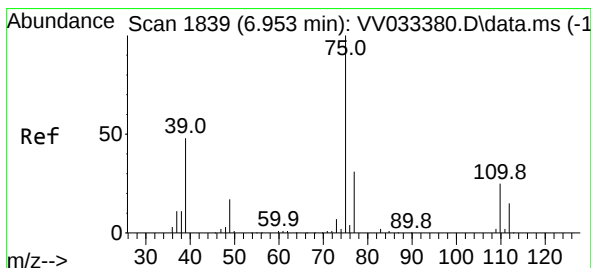
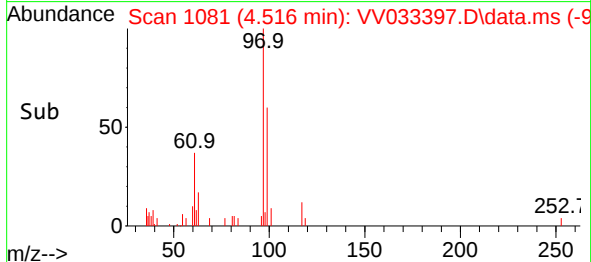
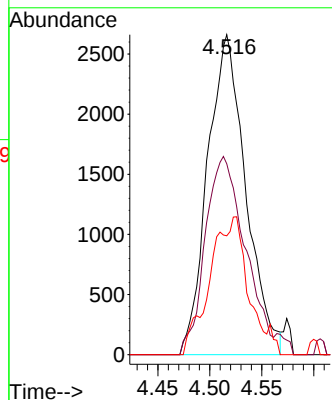
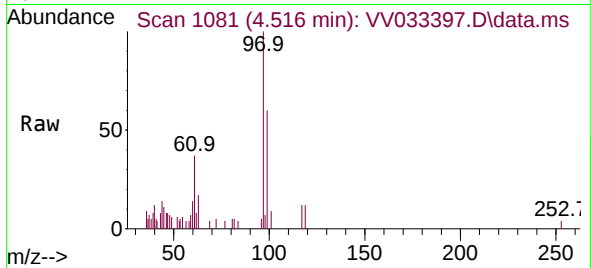




#30
1,1,1-Trichloroethane
Concen: 2.429 ug/L
RT: 4.516 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV033397.D
Acq: 15 Dec 2023 23:03

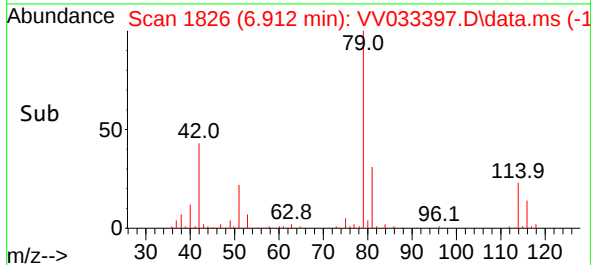
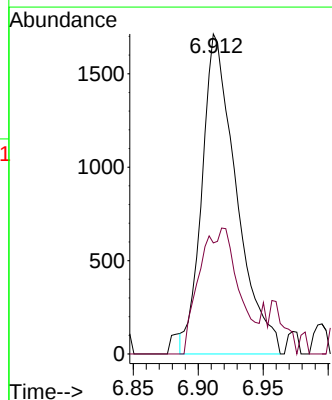
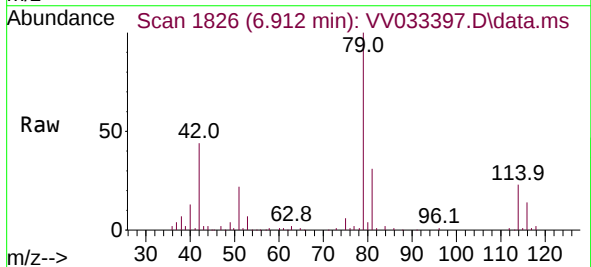
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MSVOA_V
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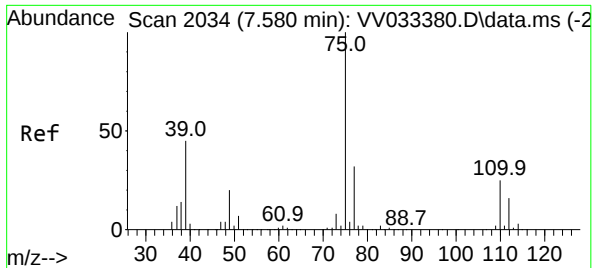
Tgt Ion: 97 Resp: 6806
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 10.7 34.8 52.2#



#39
cis-1,3-Dichloropropene
Concen: 1.318 ug/L
RT: 6.912 min Scan# 1826
Delta R.T. -0.042 min
Lab File: VV033397.D
Acq: 15 Dec 2023 23:03

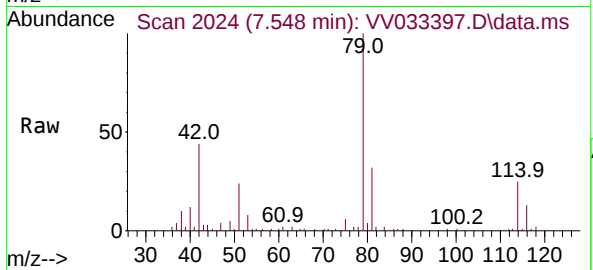
Tgt Ion: 75 Resp: 3147
Ion Ratio Lower Upper
75 100
77 34.7 22.3 41.3





#44
 trans-1,3-Dichloropropene
 Concen: 0.906 ug/L
 RT: 7.548 min Scan# 20
 Delta R.T. -0.032 min
 Lab File: VV033397.D
 Acq: 15 Dec 2023 23:03

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 2170
 Ion Ratio Lower Upper
 75 100
 77 38.3 22.4 41.6

