

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033229.D
 Acq On : 11 Dec 2023 21:56
 Operator : SY/MD
 Sample : 05730-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 03:27:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

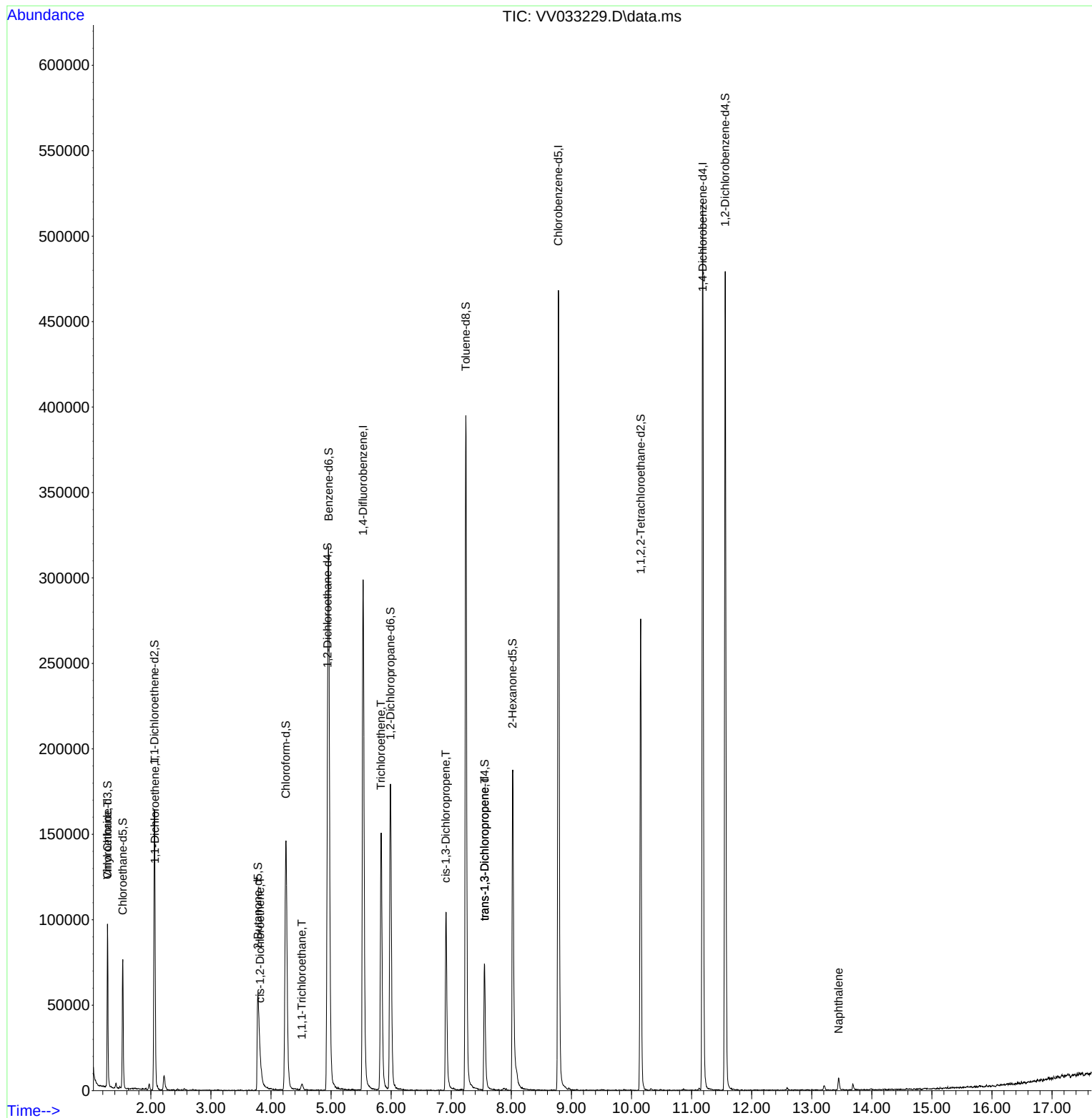
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	280481	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	281439	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	143697	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	58737	35.031	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.060%		
7) Chloroethane-d5	1.532	69	47968	41.059	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.120%		
11) 1,1-Dichloroethene-d2	2.060	65	25939	40.665	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.340%		
21) 2-Butanone-d5	3.780	46	79329	95.257	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.260%		
24) Chloroform-d	4.246	84	159864	44.927	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.860%		
26) 1,2-Dichloroethane-d4	4.941	65	105158	47.533	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.060%		
32) Benzene-d6	4.960	84	287033	43.607	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.220%		
36) 1,2-Dichloropropane-d6	5.989	67	80527	45.501	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.000%		
41) Toluene-d8	7.243	98	266085	42.376	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.760%		
43) trans-1,3-Dichloroprop...	7.555	79	46520	41.568	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.140%		
47) 2-Hexanone-d5	8.021	63	65092	91.551	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.550%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	119149	47.359	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.720%		
66) 1,2-Dichlorobenzene-d4	11.561	152	129362	50.597	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.200%		
Target Compounds					Qvalue	
8) Chloroethane	1.278	64	940	0.910	ug/L #	1
12) 1,1-Dichloroethene	2.069	96	3346	2.379	ug/L #	1
20) cis-1,2-Dichloroethene	3.815	96	4547	2.321	ug/L	82
30) 1,1,1-Trichloroethane	4.513	97	2409	0.693	ug/L #	82
34) Trichloroethene	5.831	95	49951	23.444	ug/L	96
39) cis-1,3-Dichloropropene	6.908	75	3105	1.037	ug/L #	61
44) trans-1,3-Dichloropropene	7.555	75	2285	0.754	ug/L #	57
71) Naphthalene	13.448	128	7084	0.887	ug/L #	96

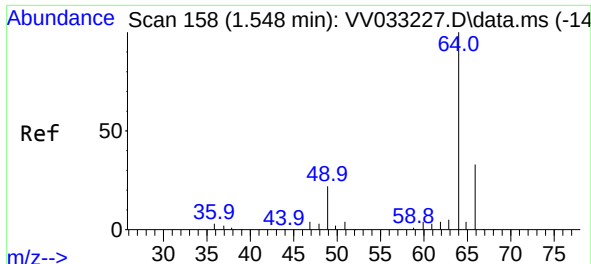
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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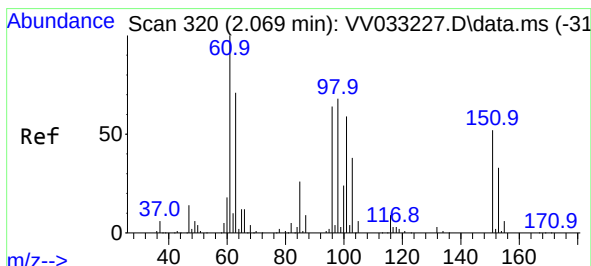
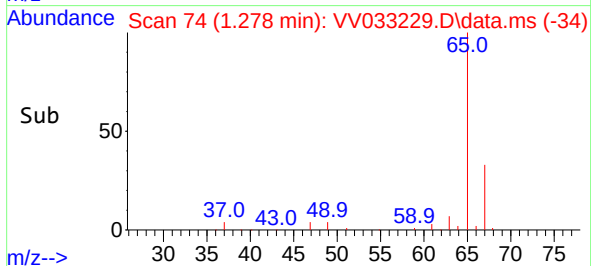
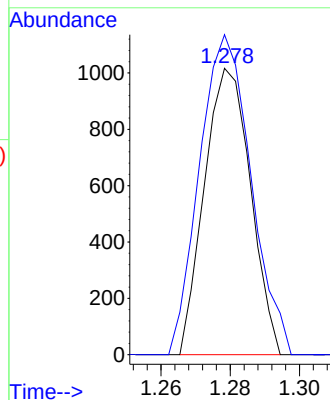
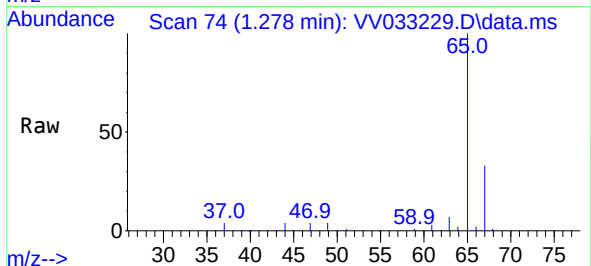




#8
Chloroethane
Concen: 0.910 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.270 min
Lab File: VV033229.D
Acq: 11 Dec 2023 21:56

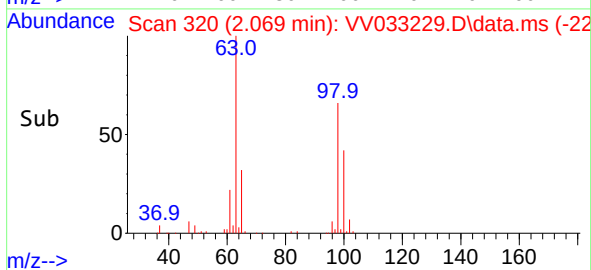
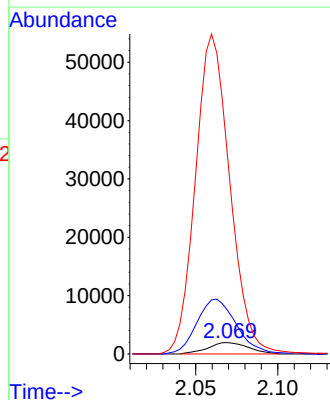
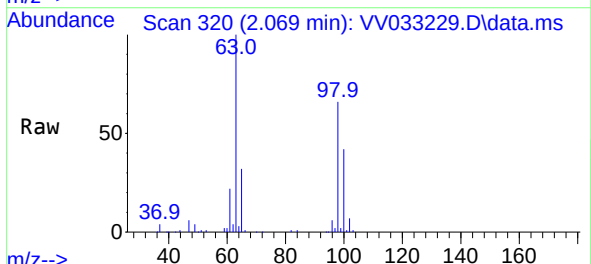
Instrument :
MSVOA_V
ClientSampleId :

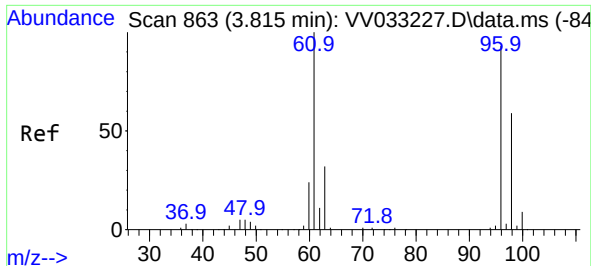
Tgt Ion: 64 Resp: 940
Ion Ratio Lower Upper
64 100
66 111.7 22.3 41.5#



#12
1,1-Dichloroethene
Concen: 2.379 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV033229.D
Acq: 11 Dec 2023 21:56

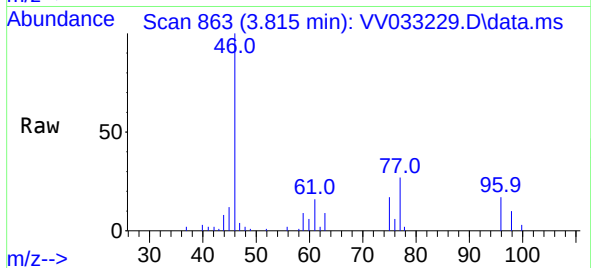
Tgt Ion: 96 Resp: 3346
Ion Ratio Lower Upper
96 100
61 386.2 109.1 202.7#
63 1754.6 85.3 158.3#



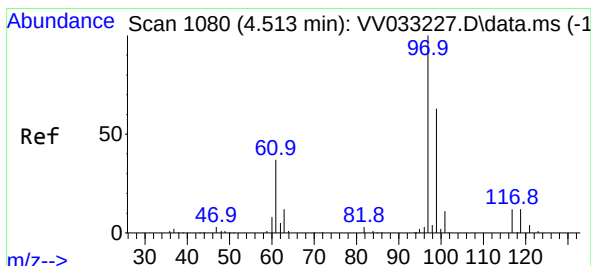
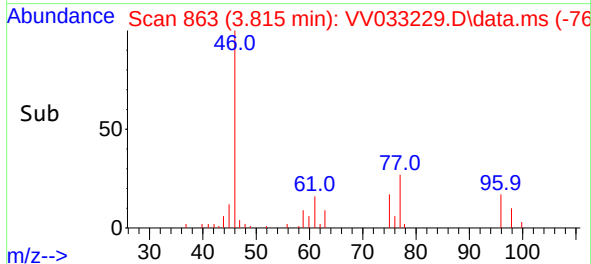
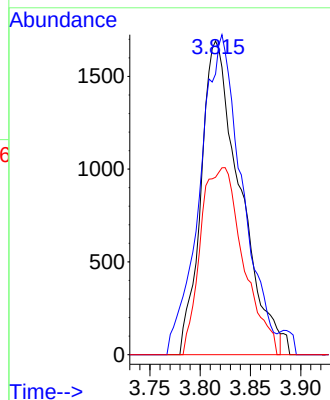


#20
 cis-1,2-Dichloroethene
 Concen: 2.321 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV033229.D
 Acq: 11 Dec 2023 21:56

Instrument :
 MSVOA_V
 ClientSampleId :

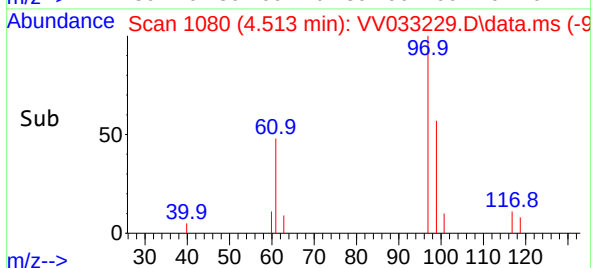
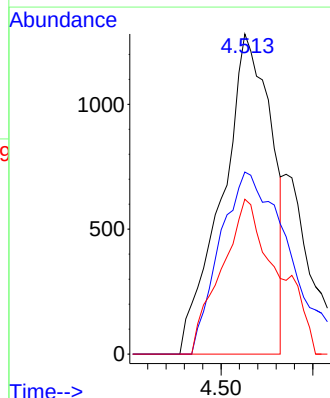
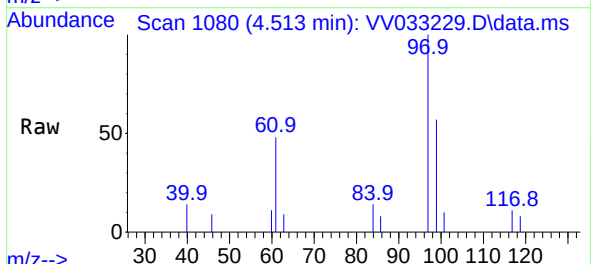


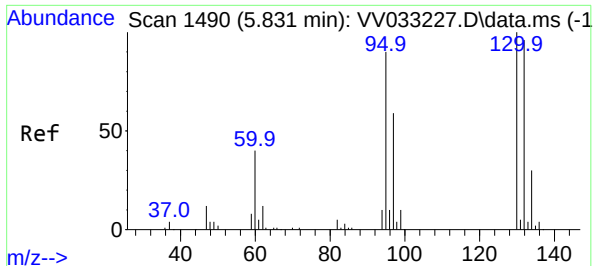
Tgt Ion: 96 Resp: 4547
 Ion Ratio Lower Upper
 96 100
 61 89.5 79.1 146.9
 98 56.5 45.1 83.7



#30
 1,1,1-Trichloroethane
 Concen: 0.693 ug/L
 RT: 4.513 min Scan# 1080
 Delta R.T. 0.003 min
 Lab File: VV033229.D
 Acq: 11 Dec 2023 21:56

Tgt Ion: 97 Resp: 2409
 Ion Ratio Lower Upper
 97 100
 99 47.4 51.3 76.9#
 61 47.9 31.8 47.8#

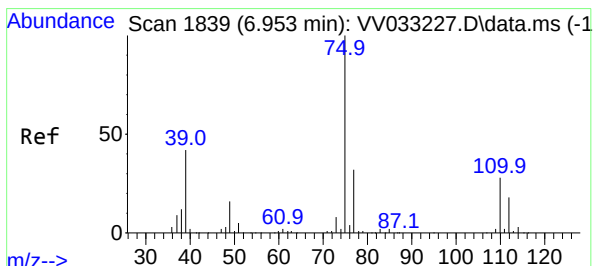
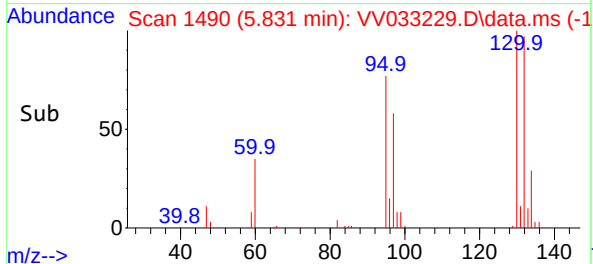
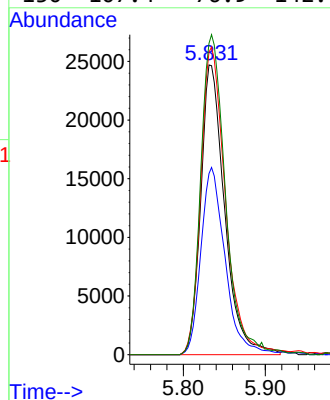
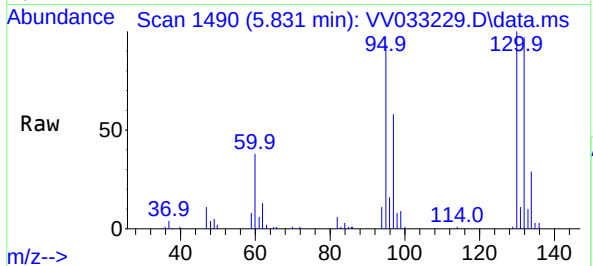




#34
Trichloroethene
Concen: 23.444 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV033229.D
Acq: 11 Dec 2023 21:56

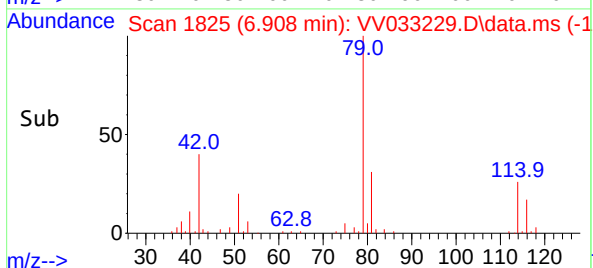
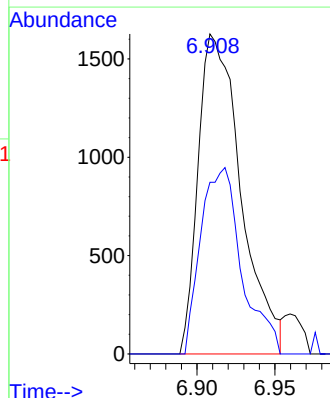
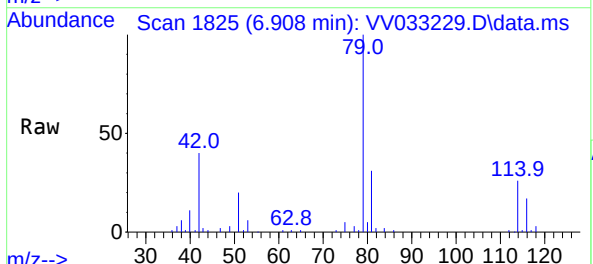
Instrument :
MSVOA_V
ClientSampleId :

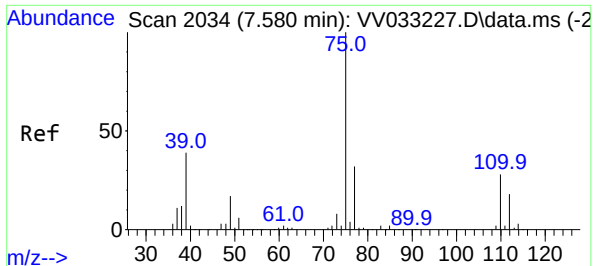
Tgt Ion: 95 Resp: 49951
Ion Ratio Lower Upper
95 100
97 62.5 45.8 85.0
132 104.4 77.4 143.8
130 107.4 76.9 142.7



#39
cis-1,3-Dichloropropene
Concen: 1.037 ug/L
RT: 6.908 min Scan# 1825
Delta R.T. -0.042 min
Lab File: VV033229.D
Acq: 11 Dec 2023 21:56

Tgt Ion: 75 Resp: 3105
Ion Ratio Lower Upper
75 100
77 53.7 22.4 41.6#

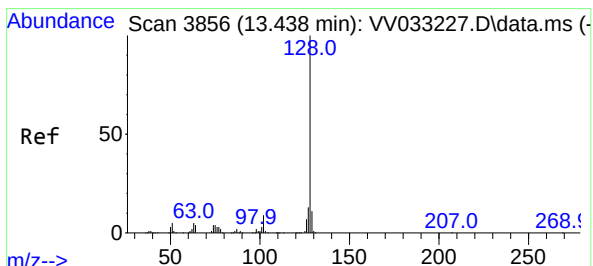
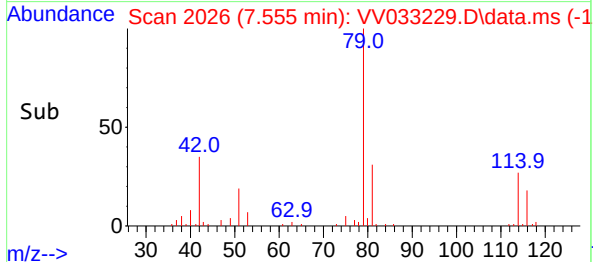
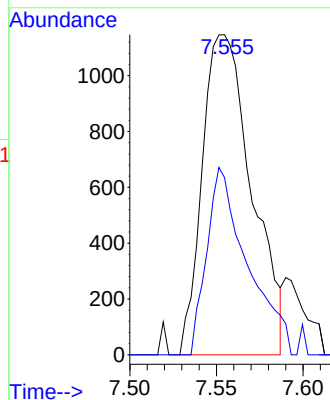
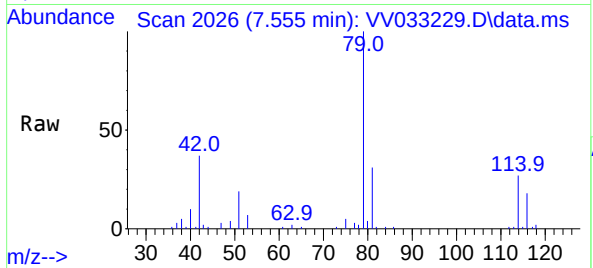




#44
trans-1,3-Dichloropropene
Concen: 0.754 ug/L
RT: 7.555 min Scan# 2034
Delta R.T. -0.026 min
Lab File: VV033229.D
Acq: 11 Dec 2023 21:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 2285
Ion Ratio Lower Upper
75 100
77 55.4 22.0 41.0#



#71
Naphthalene
Concen: 0.887 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.010 min
Lab File: VV033229.D
Acq: 11 Dec 2023 21:56

Tgt Ion: 128 Resp: 7084
Ion Ratio Lower Upper
128 100
127 14.5 10.6 16.0
129 8.6 8.6 13.0#

