

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120623\
 Data File : VW033122.D
 Acq On : 06 Dec 2023 17:26
 Operator : SY/MD
 Sample : 05644-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 07 03:46:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 01:18:11 2023
 Response via : Initial Calibration

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

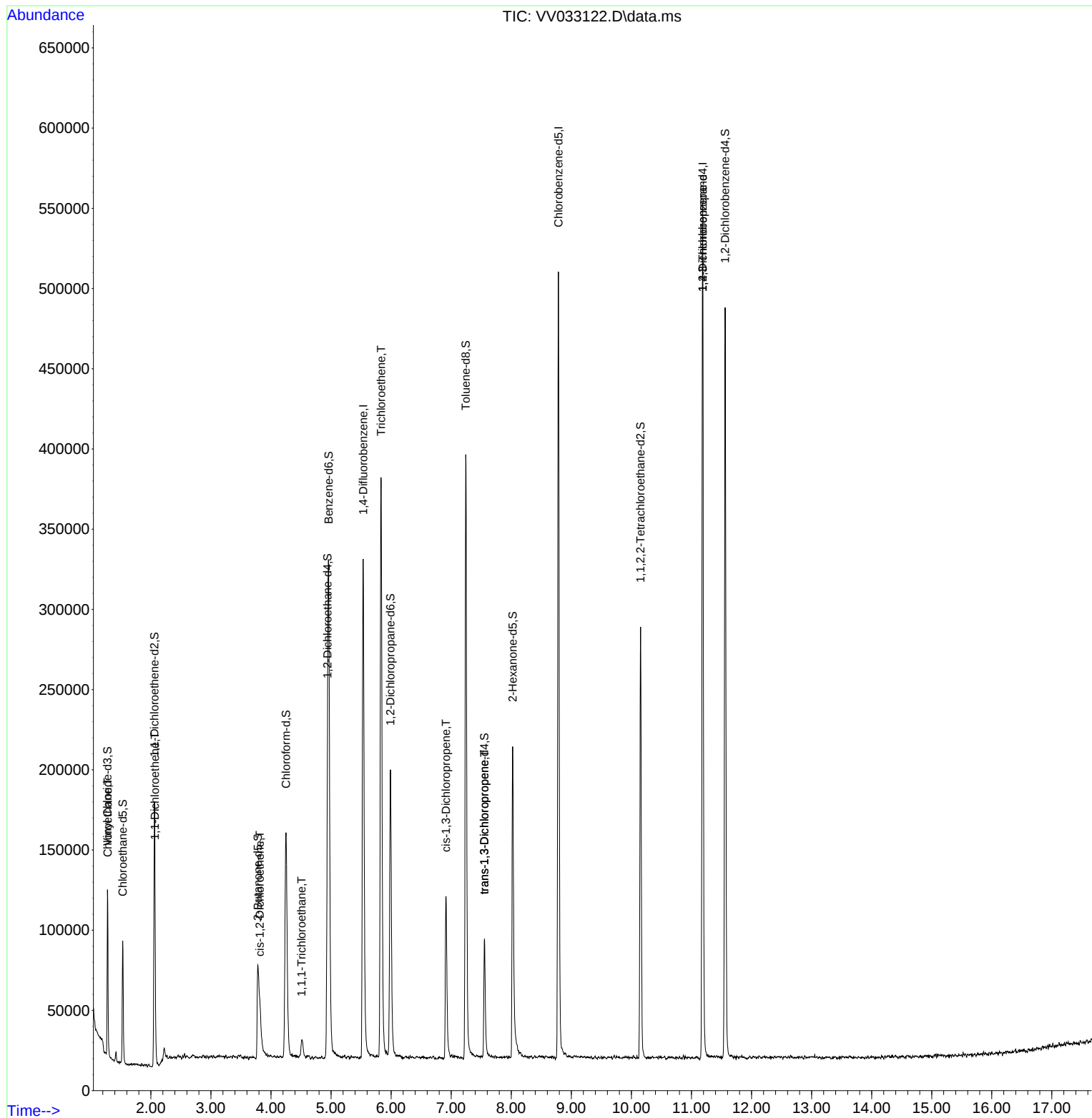
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	288404	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	282945	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	149151	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	63322	36.728	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.460%		
7) Chloroethane-d5	1.532	69	48826	40.645	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.300%		
11) 1,1-Dichloroethene-d2	2.060	65	25869	39.442	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.880%		
21) 2-Butanone-d5	3.780	46	77920	90.994	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.990%		
24) Chloroform-d	4.249	84	154640	42.265	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.520%		
26) 1,2-Dichloroethane-d4	4.941	65	101119	44.452	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.900%		
32) Benzene-d6	4.960	84	281774	42.580	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.160%		
36) 1,2-Dichloropropane-d6	5.989	67	80737	45.376	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.760%		
41) Toluene-d8	7.243	98	257046	40.719	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.440%		
43) trans-1,3-Dichloroprop...	7.555	79	43196	38.393	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.780%		
47) 2-Hexanone-d5	8.024	63	67771	94.812	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.810%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	119630	47.298	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.600%		
66) 1,2-Dichlorobenzene-d4	11.561	152	126871	47.808	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.620%		
Target Compounds						Qvalue
8) Chloroethane	1.282	64	1182	1.113	ug/L #	1
12) 1,1-Dichloroethene	2.069	96	4672	3.231	ug/L #	1
20) cis-1,2-Dichloroethene	3.815	96	10497	5.211	ug/L	88
30) 1,1,1-Trichloroethane	4.510	97	9351	2.674	ug/L #	81
34) Trichloroethene	5.834	95	119538	55.805	ug/L	97
39) cis-1,3-Dichloropropene	6.912	75	3493	1.160	ug/L	83
44) trans-1,3-Dichloropropene	7.555	75	2412	0.792	ug/L	92
61) 1,2,3-Trichloropropane	11.188	75	13466	7.240	ug/L #	60

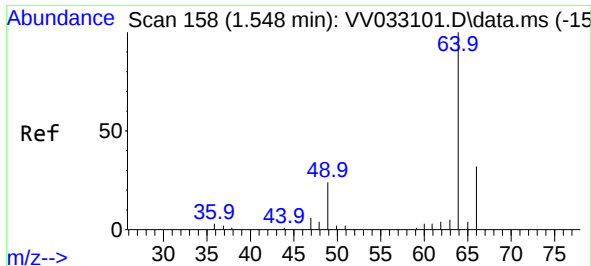
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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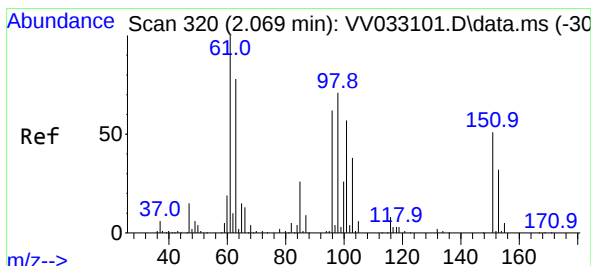
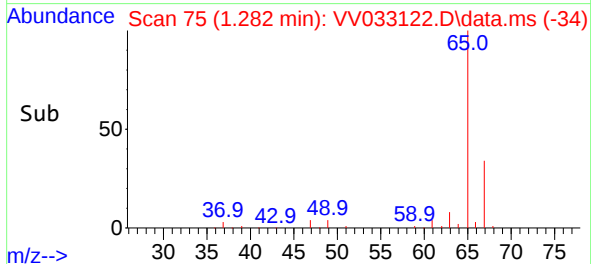
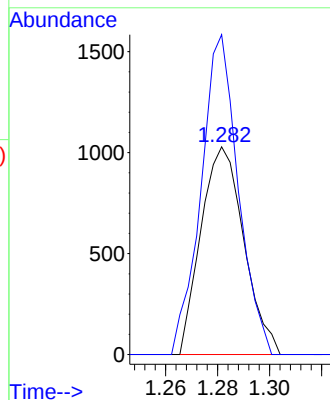
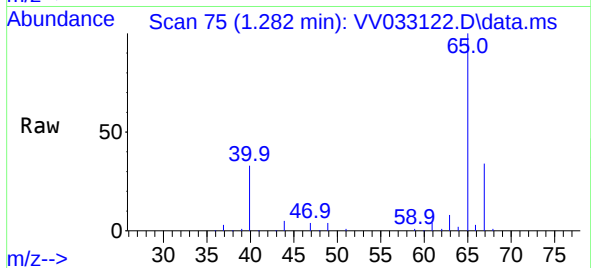




#8
Chloroethane
Concen: 1.113 ug/L
RT: 1.282 min Scan# 71
Delta R.T. -0.267 min
Lab File: VV033122.D
Acq: 06 Dec 2023 17:26

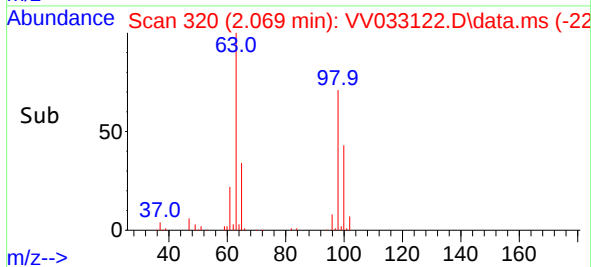
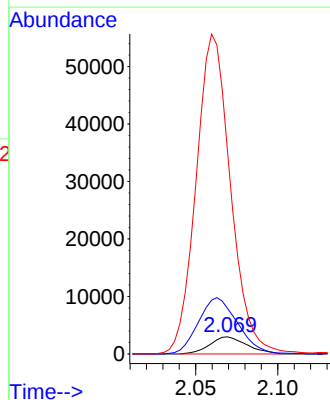
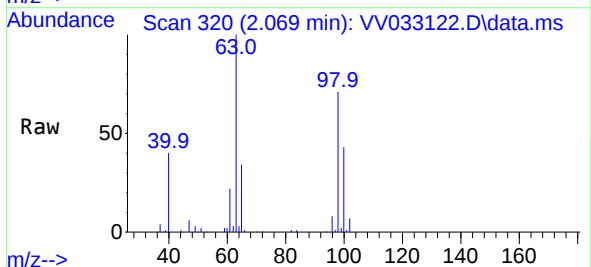
Instrument :
MSVOA_V
ClientSampleId :

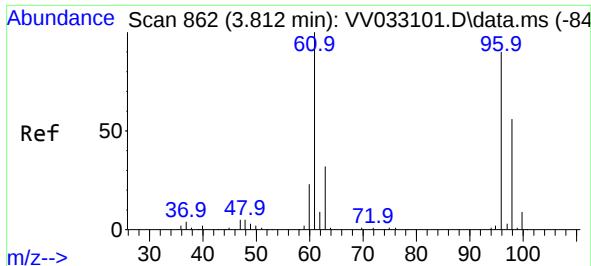
Tgt Ion: 64 Resp: 1182
Ion Ratio Lower Upper
64 100
66 153.9 22.3 41.5#



#12
1,1-Dichloroethene
Concen: 3.231 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV033122.D
Acq: 06 Dec 2023 17:26

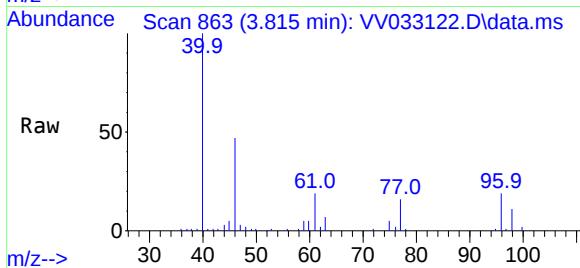
Tgt Ion: 96 Resp: 4672
Ion Ratio Lower Upper
96 100
61 266.6 109.1 202.7#
63 1186.6 85.3 158.3#



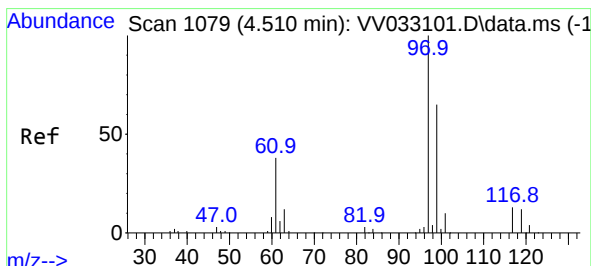
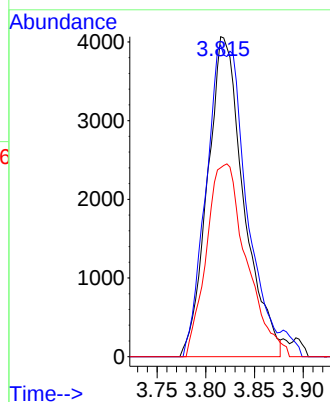
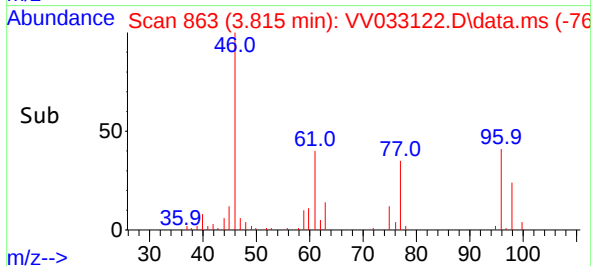


#20
cis-1,2-Dichloroethene
Concen: 5.211 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV033122.D
Acq: 06 Dec 2023 17:26

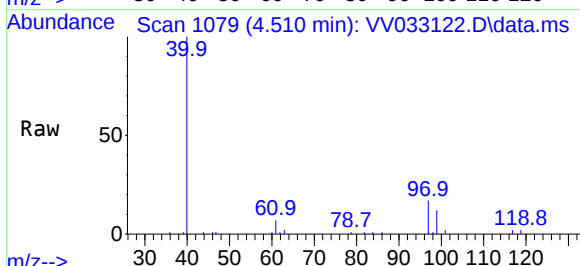
Instrument :
MSVOA_V
ClientSampleId :



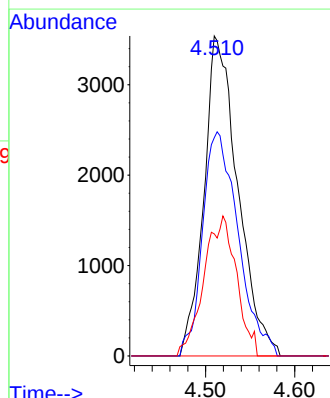
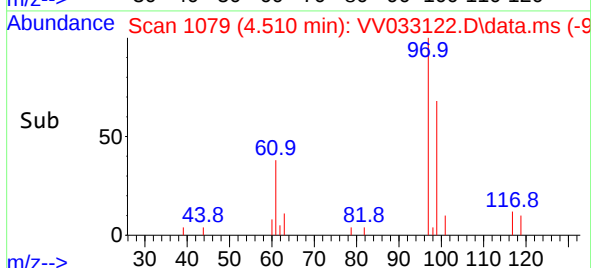
Tgt Ion: 96 Resp: 10497
Ion Ratio Lower Upper
96 100
61 97.3 79.1 146.9
98 59.0 45.1 83.7

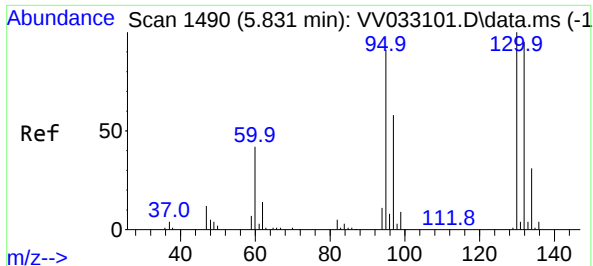


#30
1,1,1-Trichloroethane
Concen: 2.674 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV033122.D
Acq: 06 Dec 2023 17:26



Tgt Ion: 97 Resp: 9351
Ion Ratio Lower Upper
97 100
99 72.1 51.3 76.9
61 19.4 31.8 47.8#

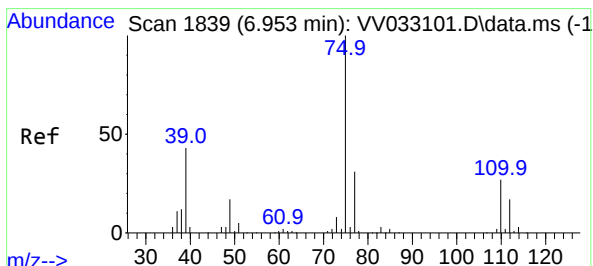
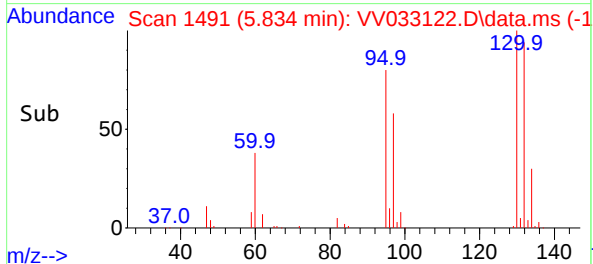
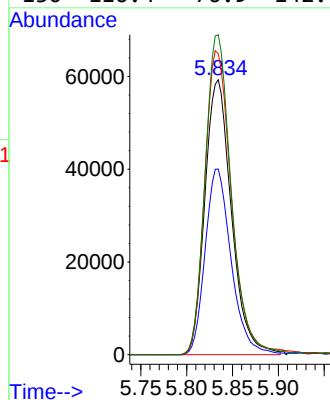
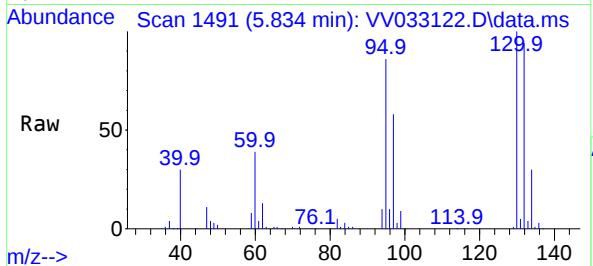




#34
Trichloroethene
Concen: 55.805 ug/L
RT: 5.834 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV033122.D
Acq: 06 Dec 2023 17:26

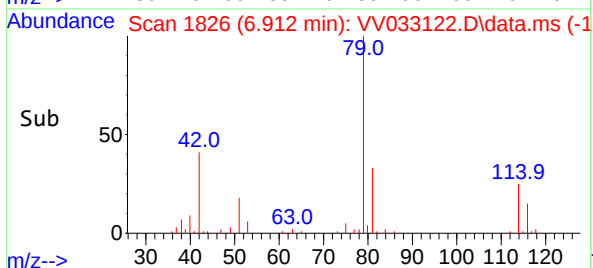
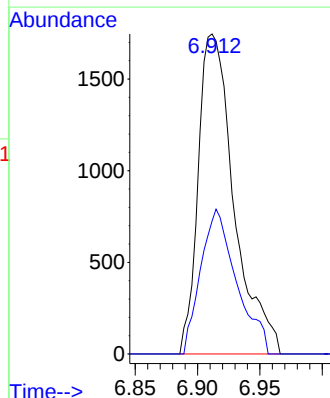
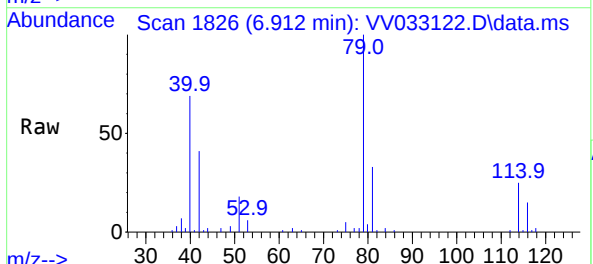
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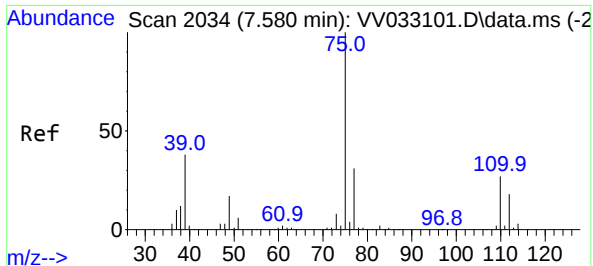
Tgt Ion: 95 Resp: 119538
Ion Ratio Lower Upper
95 100
97 67.6 45.8 85.0
132 109.6 77.4 143.8
130 116.4 76.9 142.7



#39
cis-1,3-Dichloropropene
Concen: 1.160 ug/L
RT: 6.912 min Scan# 1826
Delta R.T. -0.038 min
Lab File: VV033122.D
Acq: 06 Dec 2023 17:26

Tgt Ion: 75 Resp: 3493
Ion Ratio Lower Upper
75 100
77 41.5 22.4 41.6

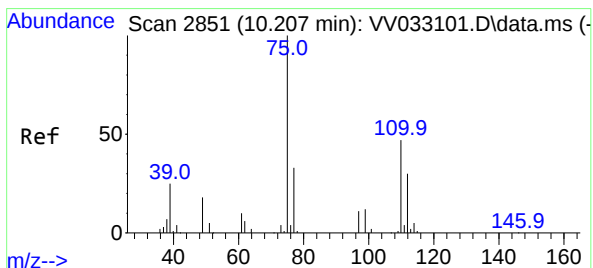
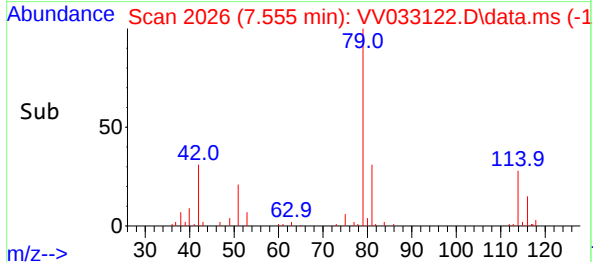
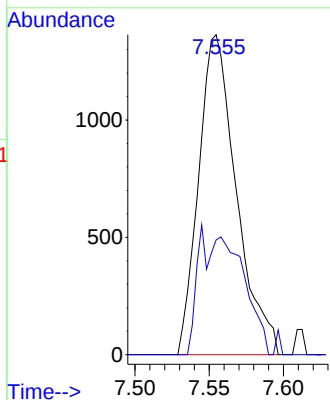
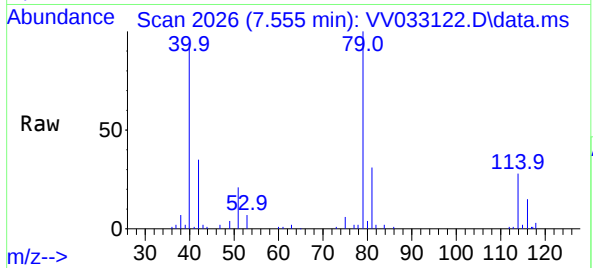




#44
trans-1,3-Dichloropropene
Concen: 0.792 ug/L
RT: 7.555 min Scan# 2034
Delta R.T. -0.022 min
Lab File: VV033122.D
Acq: 06 Dec 2023 17:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 2412
Ion Ratio Lower Upper
75 100
77 35.9 22.0 41.0



#61
1,2,3-Trichloropropane
Concen: 7.240 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.981 min
Lab File: VV033122.D
Acq: 06 Dec 2023 17:26

Tgt Ion: 75 Resp: 13466
Ion Ratio Lower Upper
75 100
77 37.4 27.0 40.6
110 4.4 38.1 57.1#

