

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060823\
 Data File : VX036084.D
 Acq On : 08 Jun 2023 20:35
 Operator : JC/MD
 Sample : 03097-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EZEN7

Quant Time: Jun 09 02:24:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:37:48 2023
 Response via : Initial Calibration

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

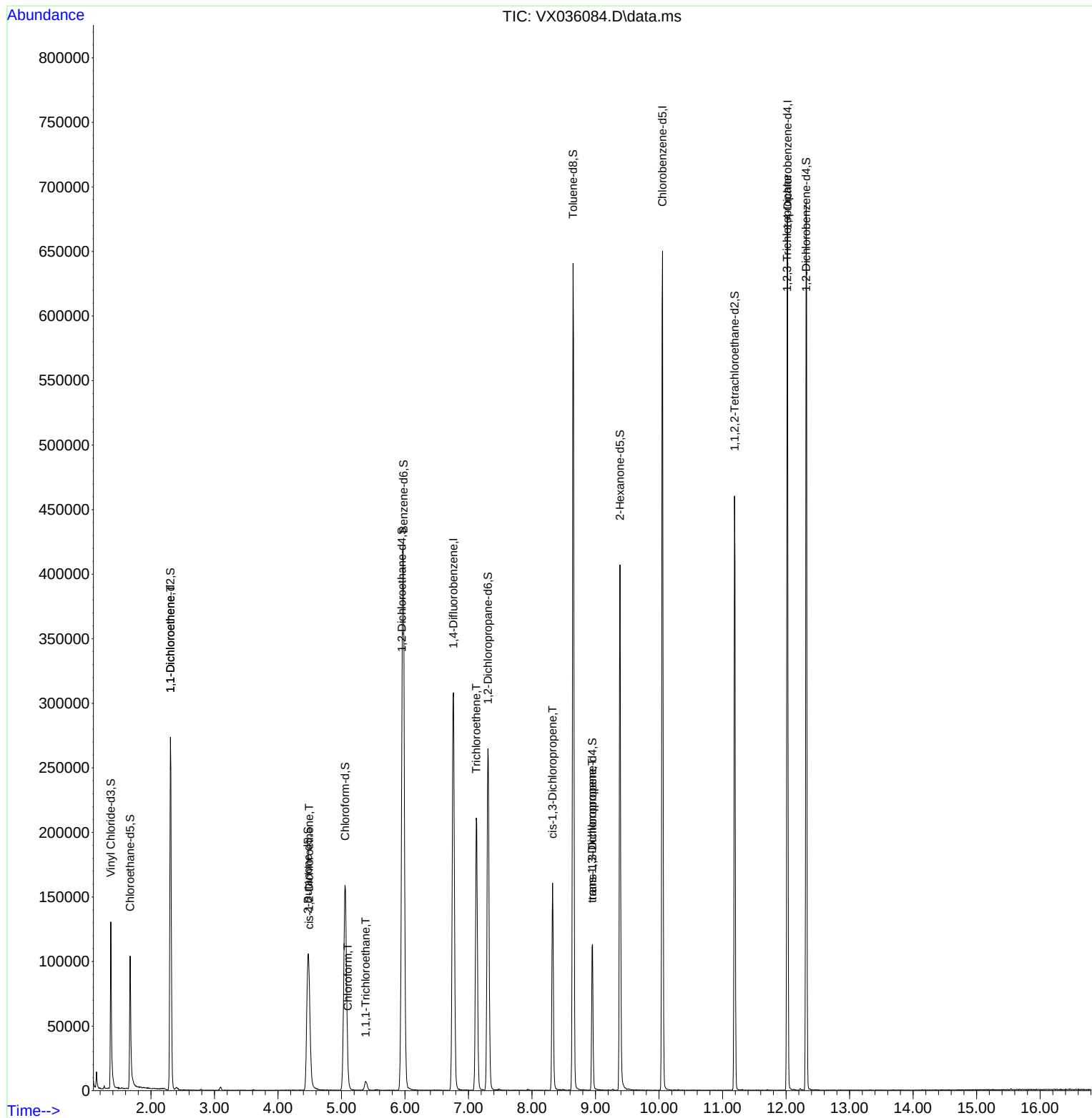
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	297657	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	277210	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	128406	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	95508	47.227	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.460%		
7) Chloroethane-d5	1.672	69	76296	49.192	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.380%		
11) 1,1-Dichloroethene-d2	2.306	65	50717	49.463	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.920%		
21) 2-Butanone-d5	4.471	46	160606	96.889	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.890%		
24) Chloroform-d	5.056	84	201595	47.805	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.600%		
26) 1,2-Dichloroethane-d4	5.952	65	153136	49.765	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.540%		
32) Benzene-d6	5.976	84	406035	48.690	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.380%		
36) 1,2-Dichloropropane-d6	7.305	67	127813	49.311	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.620%		
41) Toluene-d8	8.647	98	364956	47.550	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.100%		
43) trans-1,3-Dichloroprop...	8.952	79	52589	42.267	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.540%		
47) 2-Hexanone-d5	9.384	63	113777	98.578	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.580%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	170666	48.205	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.420%		
66) 1,2-Dichlorobenzene-d4	12.317	152	129780	52.057	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.120%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	1354	0.685	ug/L #	1
20) cis-1,2-Dichloroethene	4.489	96	24184	9.946	ug/L	97
25) Chloroform	5.099	83	6567	1.429	ug/L	84
30) 1,1,1-Trichloroethane	5.379	97	6129	1.595	ug/L	96
34) Trichloroethene	7.123	95	80400	32.323	ug/L	99
39) cis-1,3-Dichloropropene	8.324	75	3971	1.049	ug/L #	79
44) trans-1,3-Dichloropropene	8.945	75	2600	0.733	ug/L	97
61) 1,2,3-Trichloropropane	12.018	75	16913	6.159	ug/L #	64

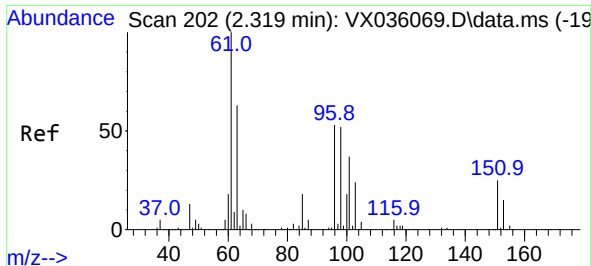
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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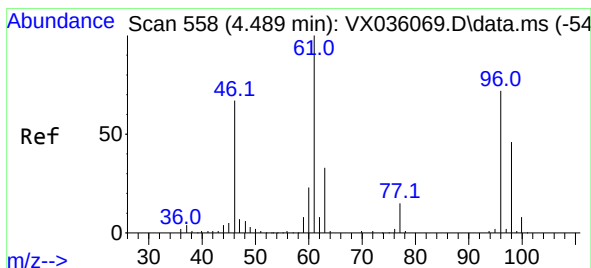
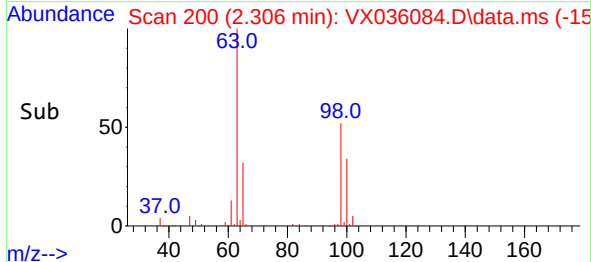
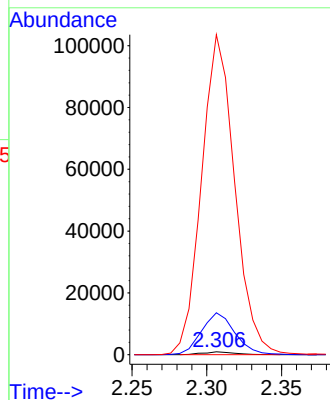
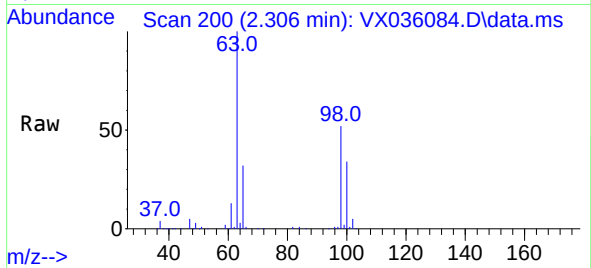




#12
1,1-Dichloroethene
Concen: 0.685 ug/L
RT: 2.306 min Scan# 20
Delta R.T. -0.012 min
Lab File: VX036084.D
Acq: 08 Jun 2023 20:35

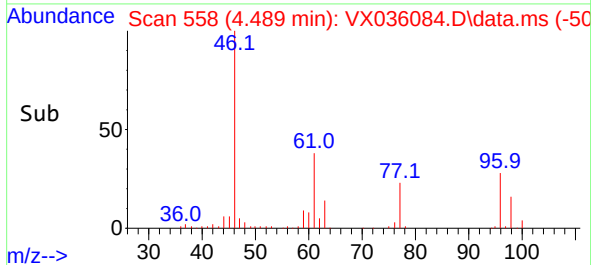
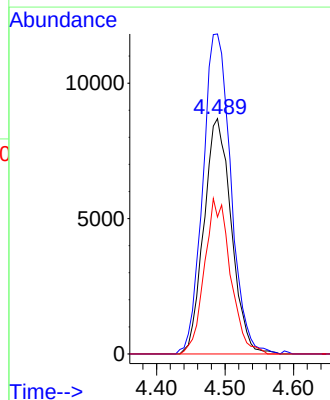
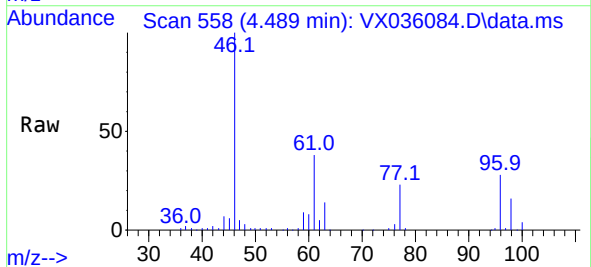
Instrument :
MSVOA_X
ClientSampleId :
EZEN7

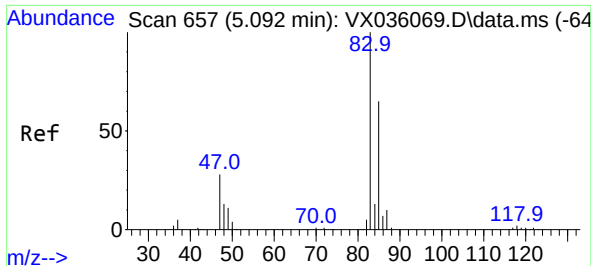
Tgt Ion: 96 Resp: 1354
Ion Ratio Lower Upper
96 100
61 1488.4 132.5 246.1#
63 11343.7 95.1 176.7#



#20
cis-1,2-Dichloroethene
Concen: 9.946 ug/L
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX036084.D
Acq: 08 Jun 2023 20:35

Tgt Ion: 96 Resp: 24184
Ion Ratio Lower Upper
96 100
61 135.9 94.7 175.9
98 58.2 45.4 84.4

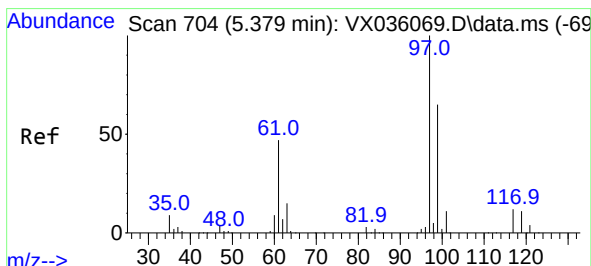
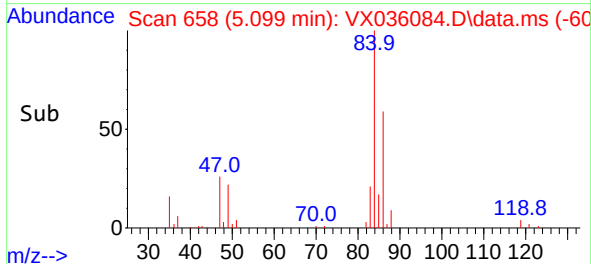
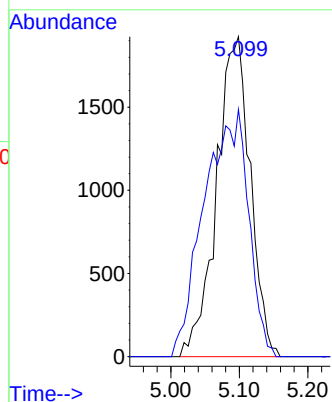
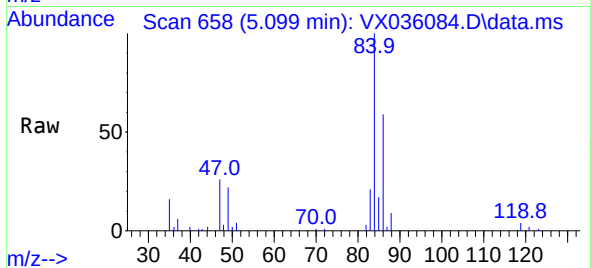




#25
Chloroform
Concen: 1.429 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036084.D
Acq: 08 Jun 2023 20:35

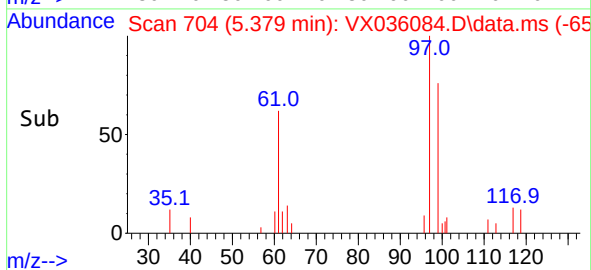
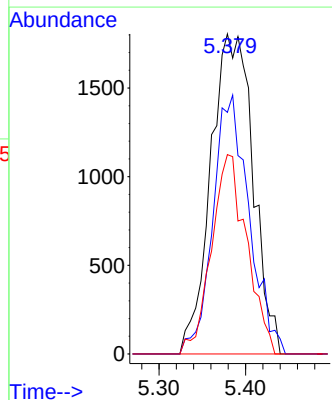
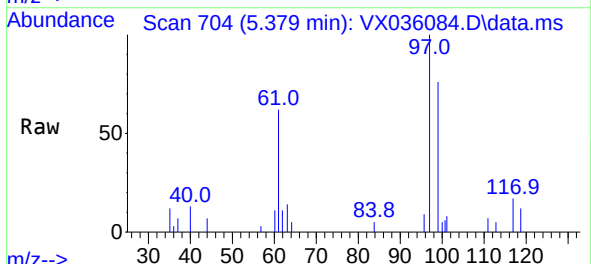
Instrument :
MSVOA_X
ClientSampleId :
EZEN7

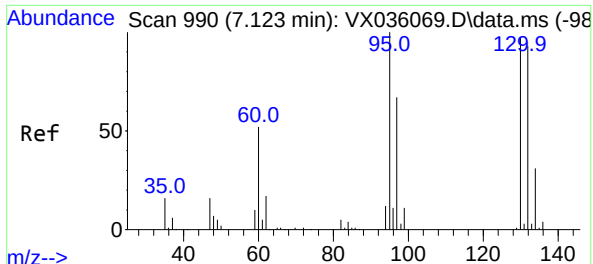
Tgt Ion: 83 Resp: 6567
Ion Ratio Lower Upper
83 100
85 77.2 45.0 83.6



#30
1,1,1-Trichloroethane
Concen: 1.595 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036084.D
Acq: 08 Jun 2023 20:35

Tgt Ion: 97 Resp: 6129
Ion Ratio Lower Upper
97 100
99 67.8 51.9 77.9
61 51.0 38.0 57.0

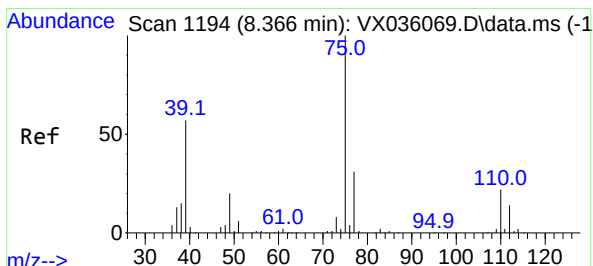
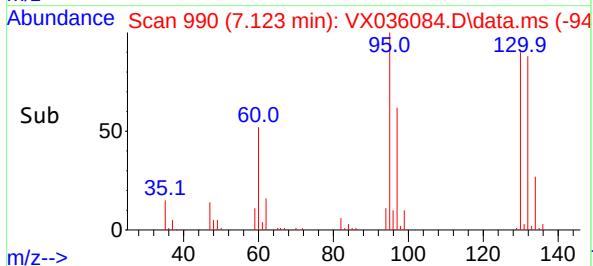
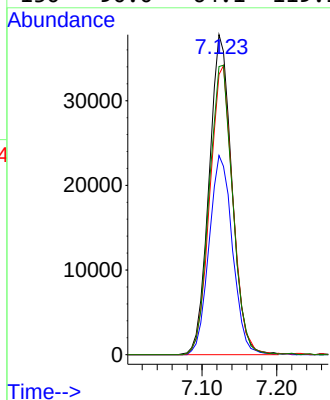
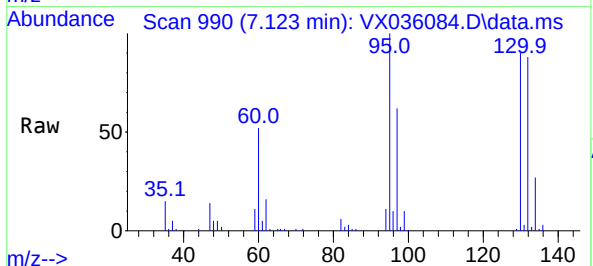




#34
Trichloroethene
Concen: 32.323 ug/L
RT: 7.123 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036084.D
Acq: 08 Jun 2023 20:35

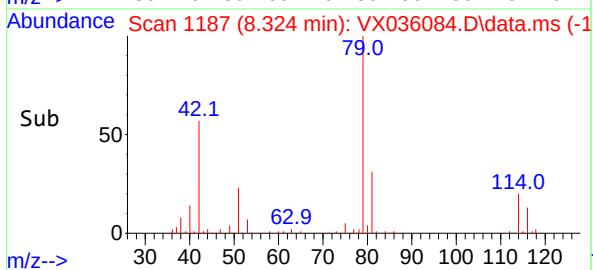
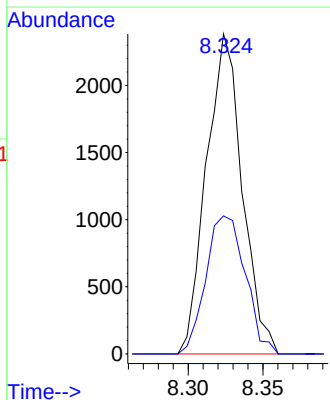
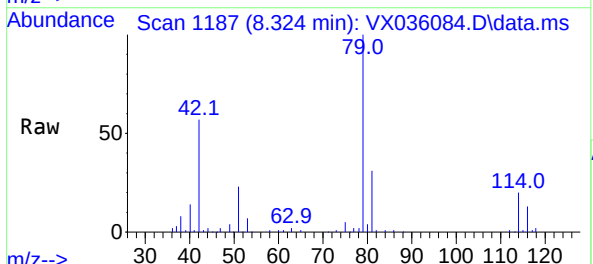
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MSVOA_X
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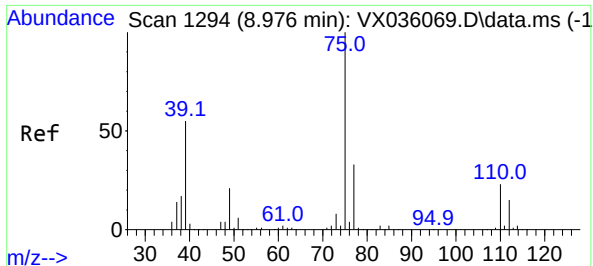
Tgt Ion: 95 Resp: 80400
Ion Ratio Lower Upper
95 100
97 62.2 43.6 81.0
132 87.6 59.9 111.3
130 90.0 64.1 119.1



#39
cis-1,3-Dichloropropene
Concen: 1.049 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX036084.D
Acq: 08 Jun 2023 20:35

Tgt Ion: 75 Resp: 3971
Ion Ratio Lower Upper
75 100
77 43.2 21.9 40.7#

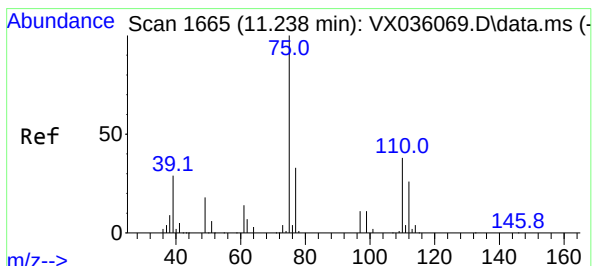
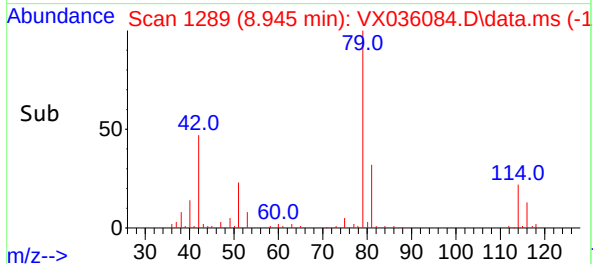
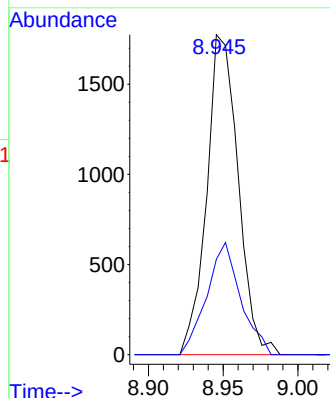
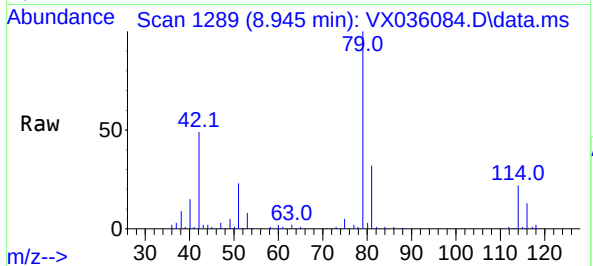




#44
trans-1,3-Dichloropropene
Concen: 0.733 ug/L
RT: 8.945 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX036084.D
Acq: 08 Jun 2023 20:35

Instrument :
MSVOA_X
ClientSampleId :
EZEN7

Tgt Ion: 75 Resp: 2600
Ion Ratio Lower Upper
75 100
77 29.8 22.0 41.0



#61
1,2,3-Trichloropropane
Concen: 6.159 ug/L
RT: 12.018 min Scan# 1793
Delta R.T. 0.780 min
Lab File: VX036084.D
Acq: 08 Jun 2023 20:35

Tgt Ion: 75 Resp: 16913
Ion Ratio Lower Upper
75 100
77 34.9 25.2 37.8
110 3.2 31.8 47.6#

