

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\Not Reviewed Data\
 Data File : VX036032.D
 Acq On : 06 Jun 2023 15:01
 Operator : JC/MD
 Sample : 02991-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C05

Quant Time: Jun 08 15:27:18 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)

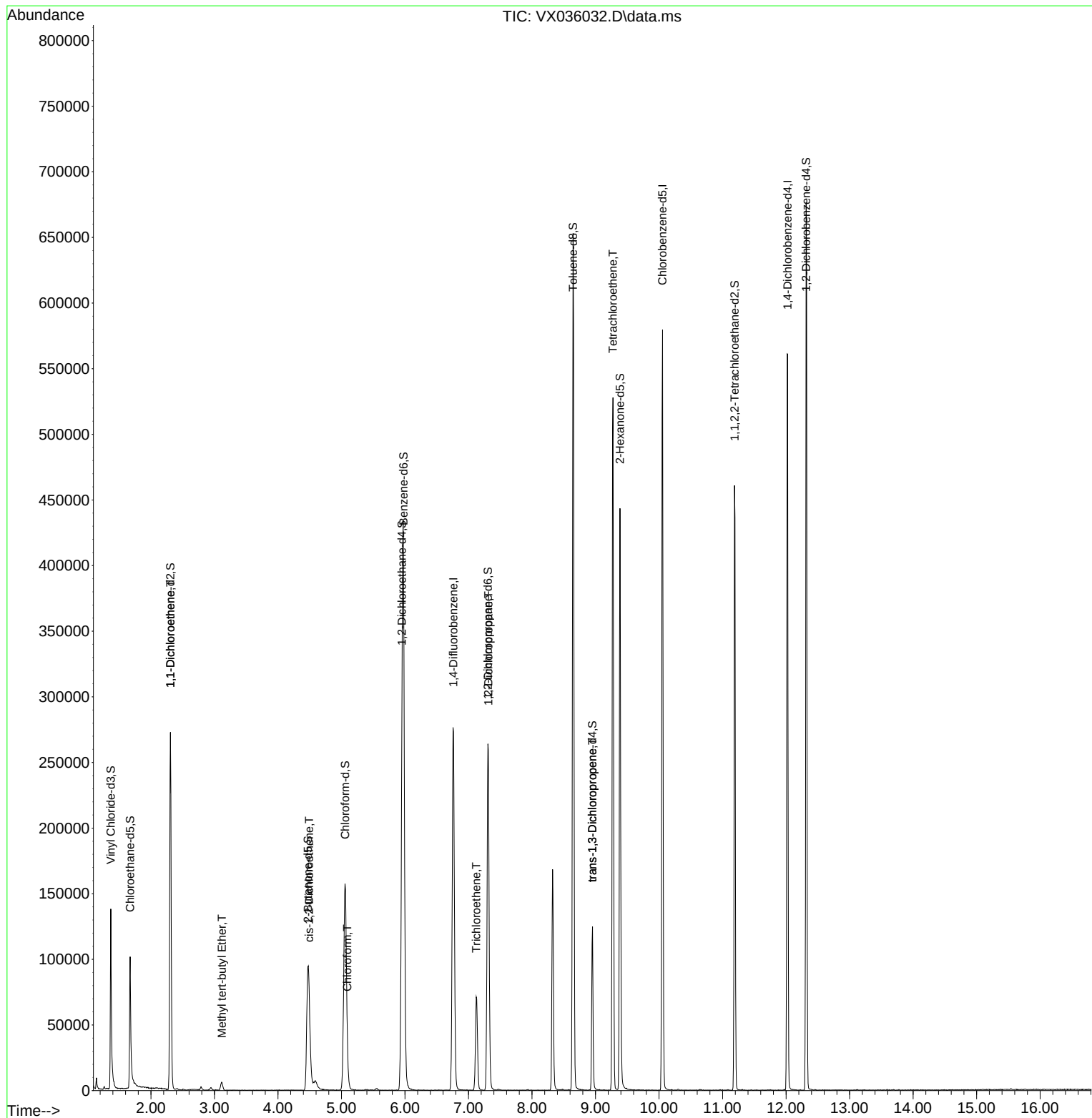
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	274870	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	239103	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	108081	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	100237	53.674	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 107.340%		
7) Chloroethane-d5	1.672	69	78573	54.860	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 109.720%		
11) 1,1-Dichloroethene-d2	2.306	65	50191	53.008	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 106.020%		
21) 2-Butanone-d5	4.471	46	175215	114.465	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 114.460%		
24) Chloroform-d	5.056	84	201913	51.850	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 103.700%		
26) 1,2-Dichloroethane-d4	5.952	65	148501	52.260	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 104.520%		
32) Benzene-d6	5.976	84	419126	58.271	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 116.540%		
36) 1,2-Dichloropropane-d6	7.305	67	129722	58.024	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 116.040%		
41) Toluene-d8	8.647	98	360309	54.426	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 108.860%		
43) trans-1,3-Dichloroprop...	8.951	79	55174	51.412	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 102.820%		
47) 2-Hexanone-d5	9.384	63	121934	122.483	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 122.480%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	167994	55.013	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 110.020%		
66) 1,2-Dichlorobenzene-d4	12.317	152	123891	59.041	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 118.080%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	1072	0.587	ug/L #	1
18) Methyl tert-butyl Ether	3.117	73	6218	0.893	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	10993	4.896	ug/L	90
25) Chloroform	5.092	83	8098	1.908	ug/L	96
34) Trichloroethene	7.123	95	27494	12.815	ug/L	97
37) 1,2-Dichloropropane	7.312	63	15831	7.572	ug/L #	87
44) trans-1,3-Dichloropropene	8.951	75	2951	0.965	ug/L #	74
46) Tetrachloroethene	9.275	164	91386	60.911	ug/L	98

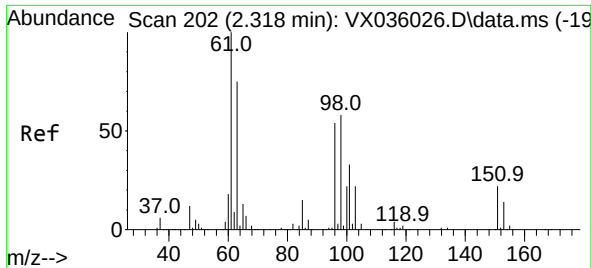
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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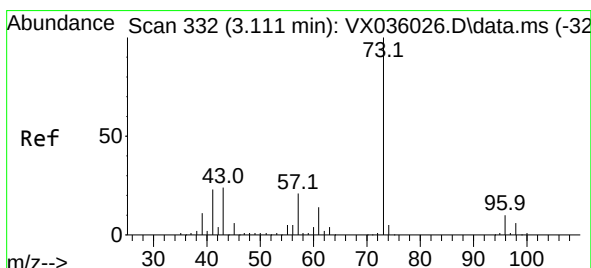
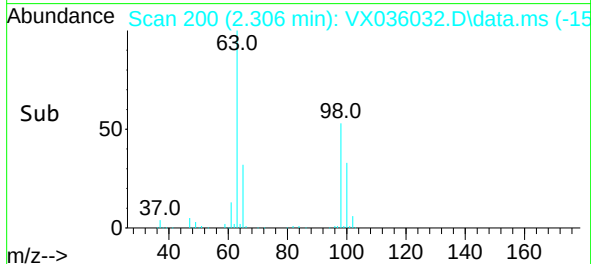
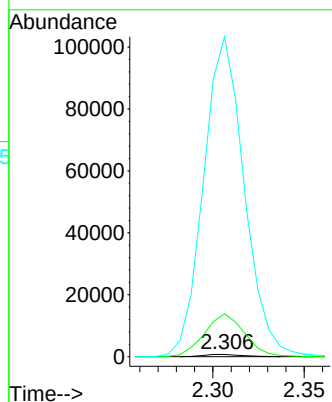
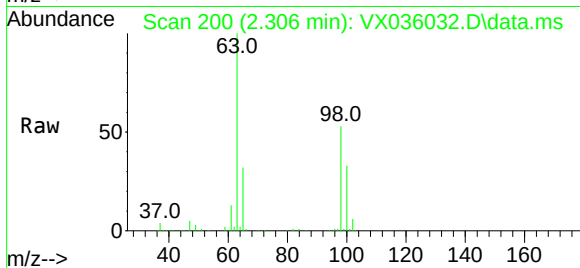




#12
1,1-Dichloroethene
Concen: 0.587 ug/L
RT: 2.306 min Scan# 202
Delta R.T. -0.012 min
Lab File: VX036032.D
Acq: 06 Jun 2023 15:01

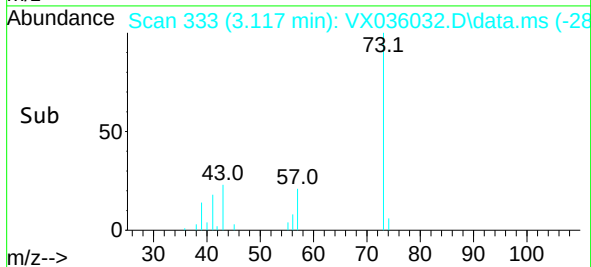
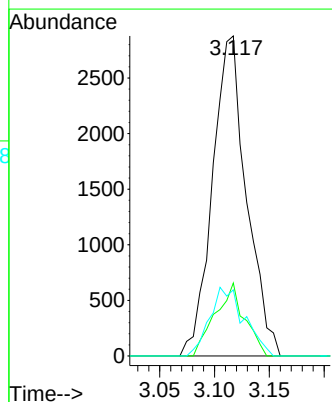
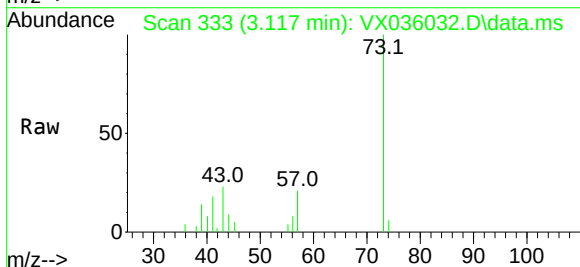
Instrument :
MSVOA_X
ClientSampleId :
F6C05

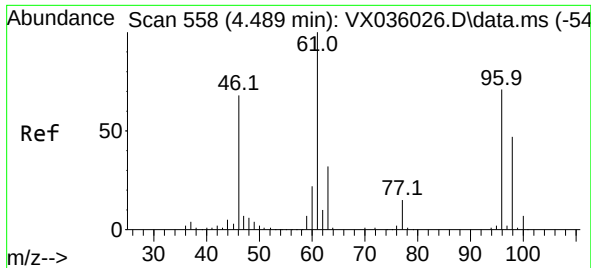
Tgt Ion: 96 Resp: 1072
Ion Ratio Lower Upper
96 100
61 1880.5 132.5 246.1#
63 14004.3 95.1 176.7#



#18
Methyl tert-butyl Ether
Concen: 0.893 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX036032.D
Acq: 06 Jun 2023 15:01

Tgt Ion: 73 Resp: 6218
Ion Ratio Lower Upper
73 100
43 19.6 19.4 29.0
57 21.9 17.5 26.3

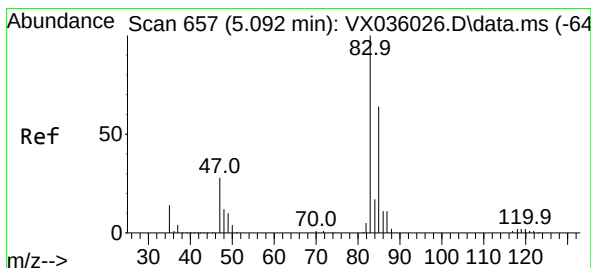
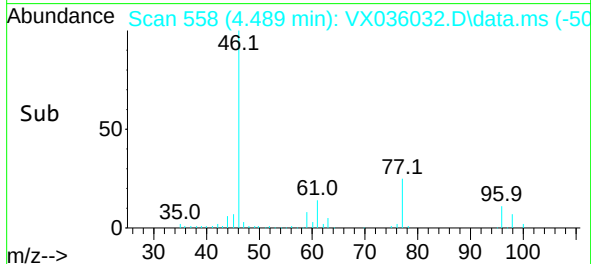
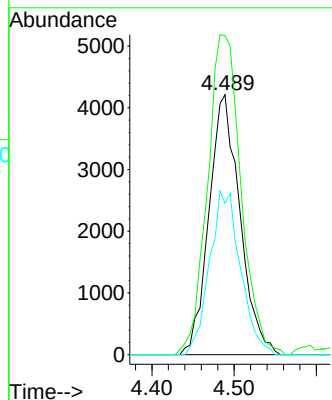
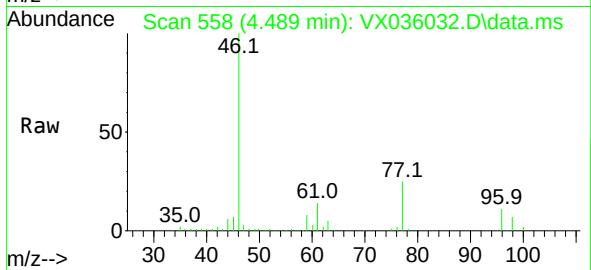




#20
 cis-1,2-Dichloroethene
 Concen: 4.896 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX036032.D
 Acq: 06 Jun 2023 15:01

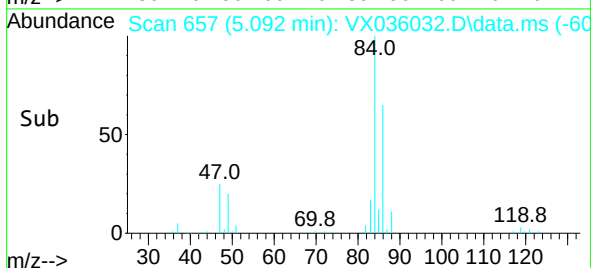
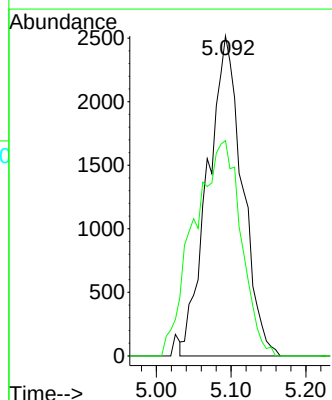
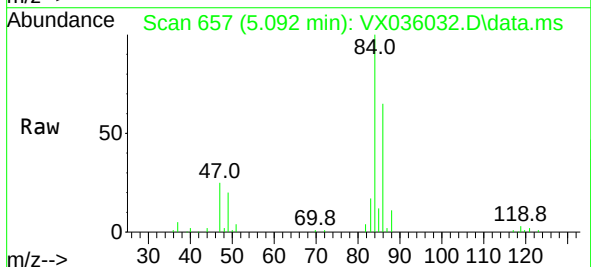
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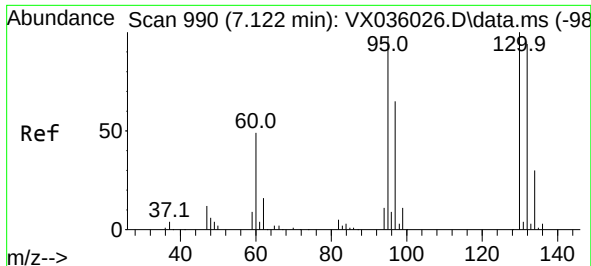
Tgt Ion:	96	Resp:	10993
Ion	Ratio	Lower	Upper
96	100		
61	122.7	94.7	175.9
98	58.1	45.4	84.4



#25
 Chloroform
 Concen: 1.908 ug/L
 RT: 5.092 min Scan# 657
 Delta R.T. 0.000 min
 Lab File: VX036032.D
 Acq: 06 Jun 2023 15:01

Tgt Ion:	83	Resp:	8098
Ion	Ratio	Lower	Upper
83	100		
85	67.3	45.0	83.6

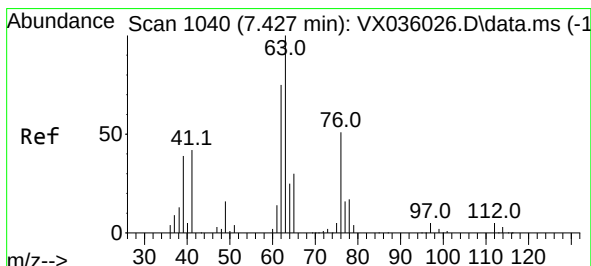
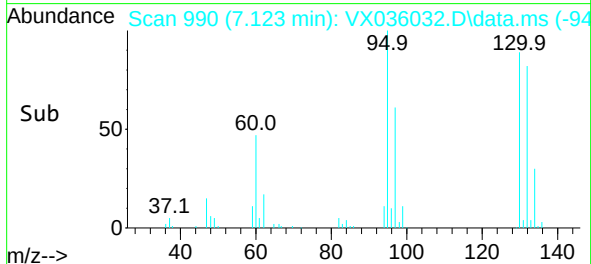
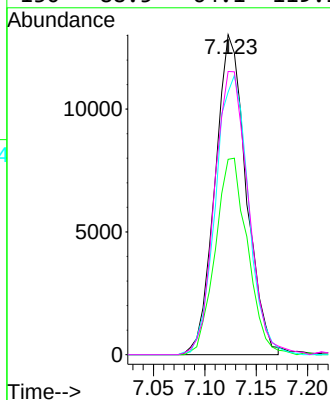
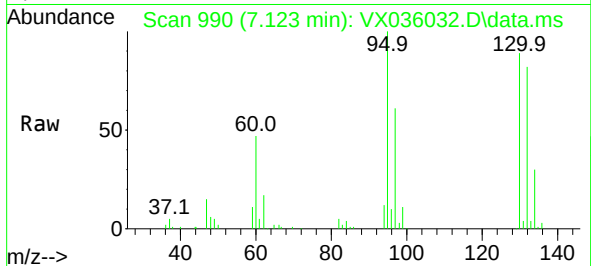




#34
Trichloroethene
Concen: 12.815 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036032.D
Acq: 06 Jun 2023 15:01

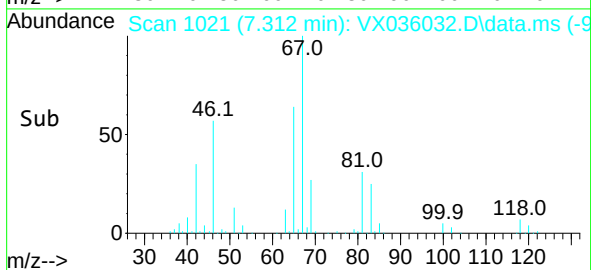
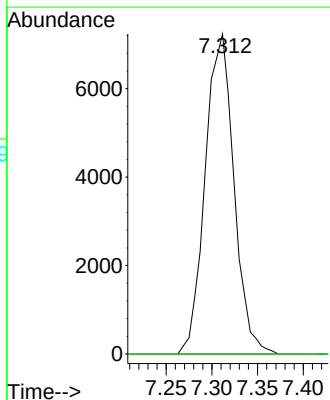
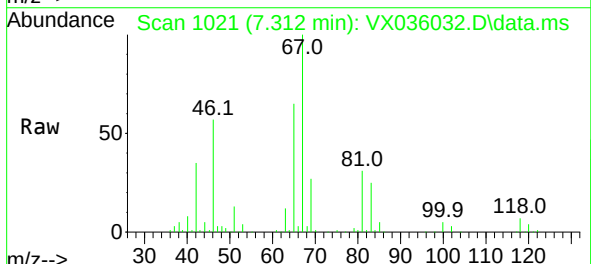
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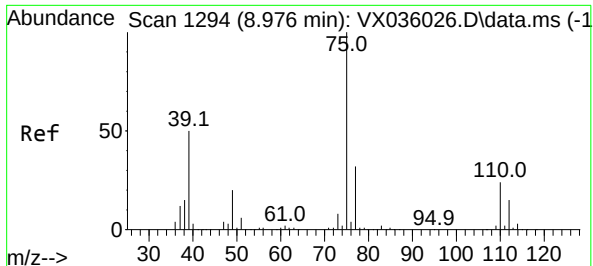
Tgt Ion: 95 Resp: 27494
Ion Ratio Lower Upper
95 100
97 61.0 43.6 81.0
132 82.0 59.9 111.3
130 88.5 64.1 119.1



#37
1,2-Dichloropropane
Concen: 7.572 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.116 min
Lab File: VX036032.D
Acq: 06 Jun 2023 15:01

Tgt Ion: 63 Resp: 15831
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

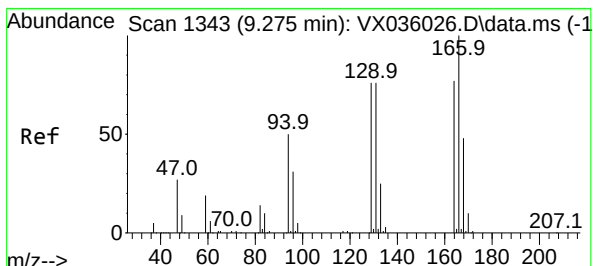
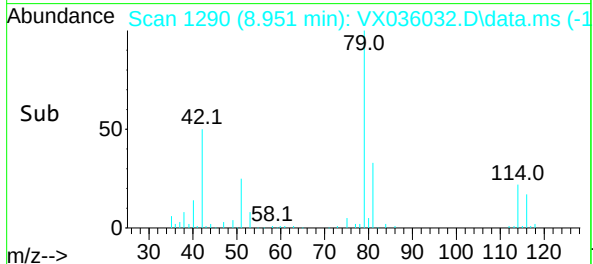
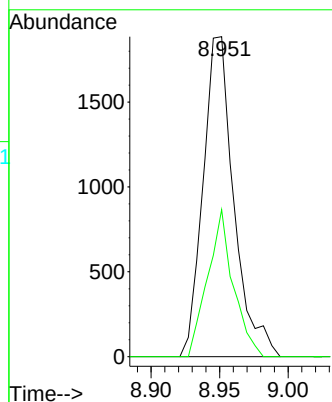
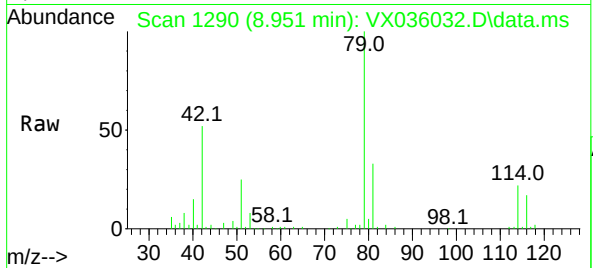




#44
trans-1,3-Dichloropropene
Concen: 0.965 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX036032.D
Acq: 06 Jun 2023 15:01

Instrument :
MSVOA_X
ClientSampleId :
F6C05

Tgt Ion: 75 Resp: 2951
Ion Ratio Lower Upper
75 100
77 45.9 22.0 41.0#



#46
Tetrachloroethene
Concen: 60.911 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036032.D
Acq: 06 Jun 2023 15:01

Tgt Ion: 164 Resp: 91386
Ion Ratio Lower Upper
164 100
129 101.9 74.8 139.0
131 97.6 68.9 127.9
166 125.2 86.8 161.2

