

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060823\
 Data File : VX036083.D
 Acq On : 08 Jun 2023 20:12
 Operator : JC/MD
 Sample : 03097-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EZEN6

Quant Time: Jun 09 02:24:43 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)

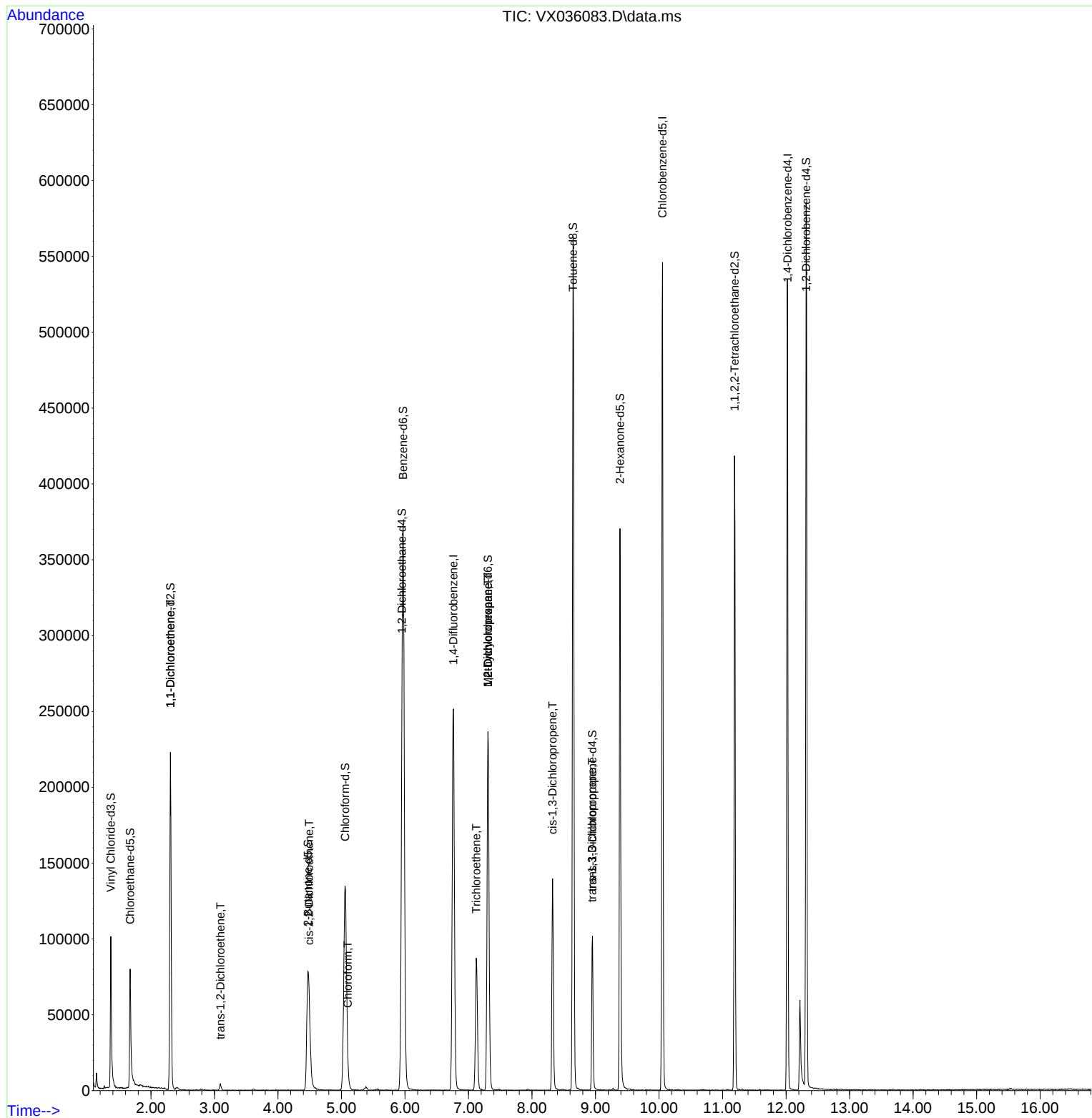
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	251258	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	229802	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	102518	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	75435	44.189	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	88.380%	
7) Chloroethane-d5	1.672	69	64168	49.013	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	98.020%	
11) 1,1-Dichloroethene-d2	2.306	65	39340	45.452	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.900%	
21) 2-Butanone-d5	4.471	46	149911	107.137	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	107.140%	
24) Chloroform-d	5.056	84	170883	48.005	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.020%	
26) 1,2-Dichloroethane-d4	5.952	65	135464	52.152	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.300%	
32) Benzene-d6	5.970	84	353829	51.183	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.360%	
36) 1,2-Dichloropropane-d6	7.305	67	114057	53.082	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	106.160%	
41) Toluene-d8	8.647	98	315646	49.609	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.220%	
43) trans-1,3-Dichloroprop...	8.951	79	45656	44.265	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	88.520%	
47) 2-Hexanone-d5	9.384	63	103505	108.179	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	108.180%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	152505	51.962	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	103.920%	
66) 1,2-Dichlorobenzene-d4	12.317	152	106685	53.600	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.306	96	1157	0.693	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	1514	0.846	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	6756	3.292	ug/L	90
25) Chloroform	5.098	83	9252	2.385	ug/L	94
34) Trichloroethene	7.123	95	33283	16.141	ug/L	98
35) Methylcyclohexane	7.305	83	29098	9.613	ug/L #	17
37) 1,2-Dichloropropane	7.305	63	14344	7.139	ug/L #	87
39) cis-1,3-Dichloropropene	8.324	75	3506	1.117	ug/L #	61
44) trans-1,3-Dichloropropene	8.945	75	2350	0.799	ug/L	89

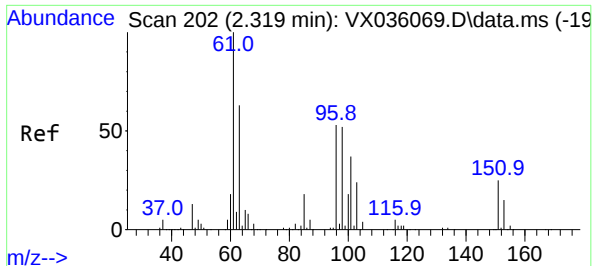
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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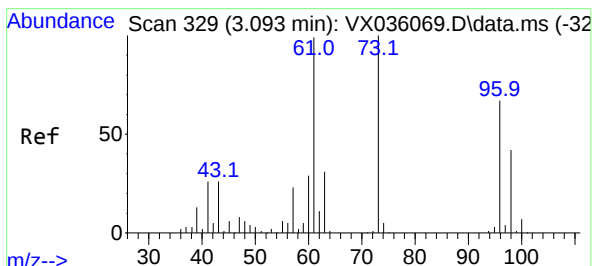
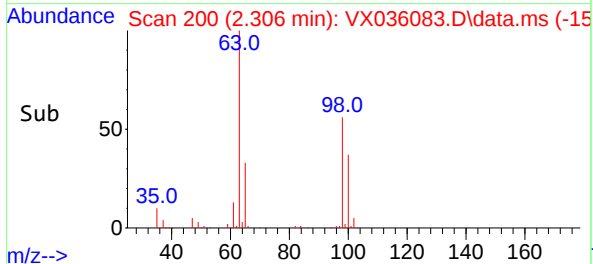
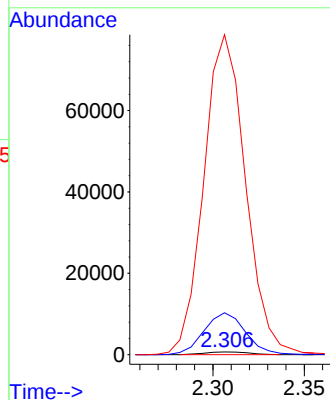
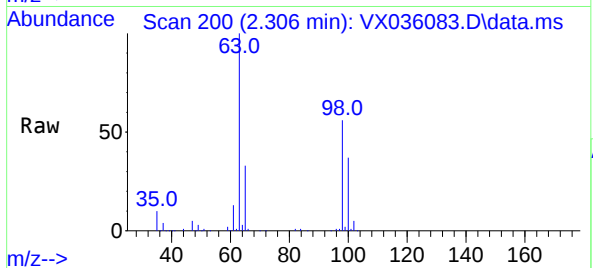




#12
1,1-Dichloroethene
Concen: 0.693 ug/L
RT: 2.306 min Scan# 202
Delta R.T. -0.012 min
Lab File: VX036083.D
Acq: 08 Jun 2023 20:12

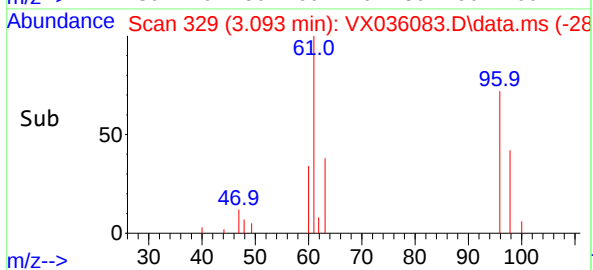
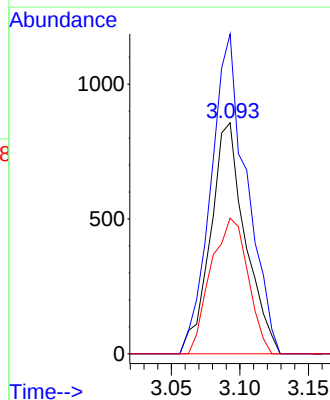
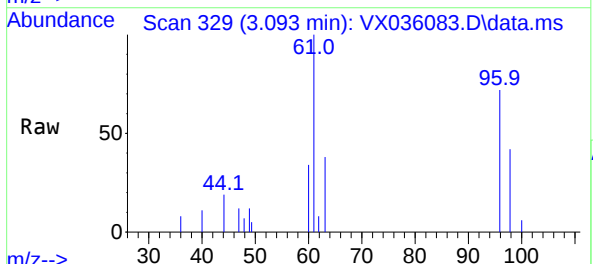
Instrument :
MSVOA_X
ClientSampleId :
EZEN6

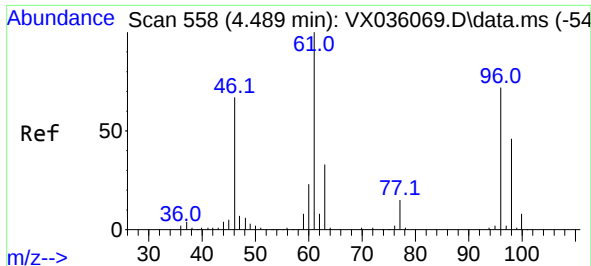
Tgt Ion: 96 Resp: 1157
Ion Ratio Lower Upper
96 100
61 1522.7 132.5 246.1#
63 11600.0 95.1 176.7#



#17
trans-1,2-Dichloroethene
Concen: 0.846 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX036083.D
Acq: 08 Jun 2023 20:12

Tgt Ion: 96 Resp: 1514
Ion Ratio Lower Upper
96 100
61 138.4 100.7 187.1
98 58.7 43.4 80.6

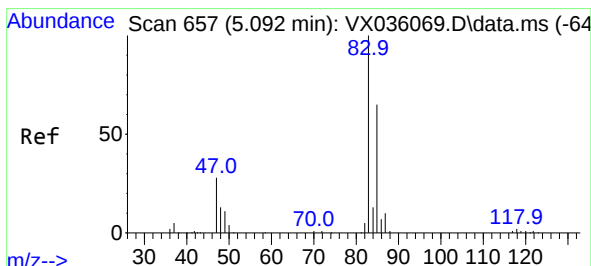
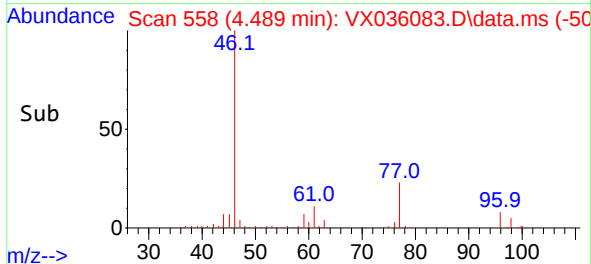
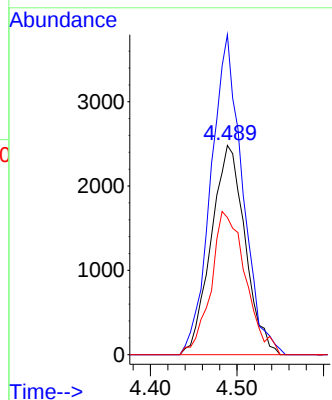
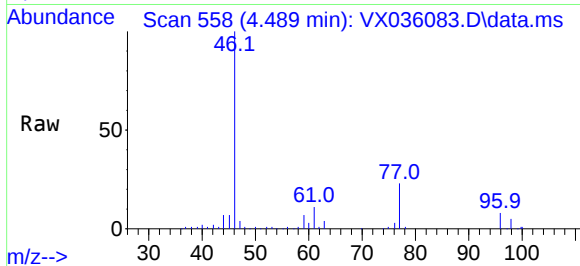




#20
cis-1,2-Dichloroethene
Concen: 3.292 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX036083.D
Acq: 08 Jun 2023 20:12

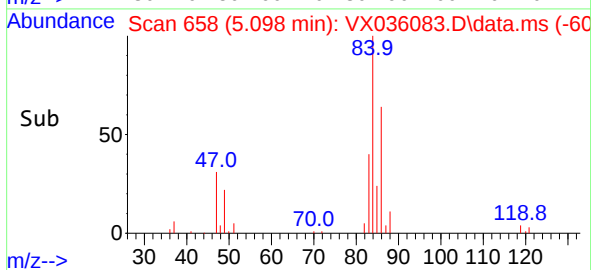
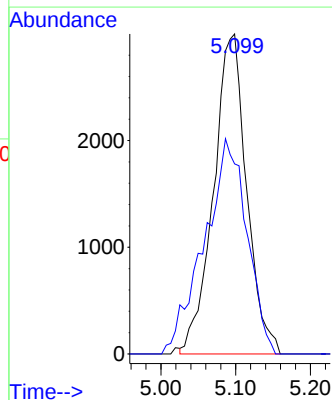
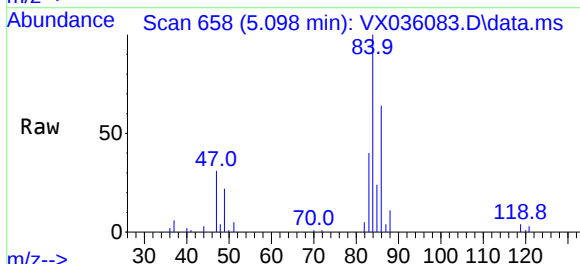
Instrument :
MSVOA_X
ClientSampleId :
EZEN6

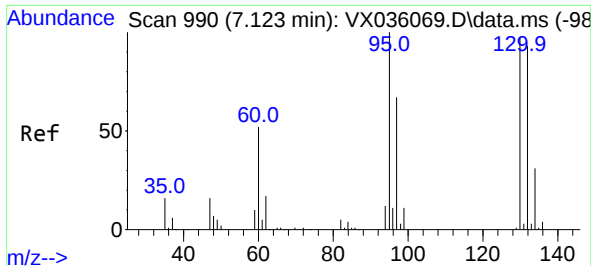
Tgt Ion: 96 Resp: 6756
Ion Ratio Lower Upper
96 100
61 152.9 94.7 175.9
98 65.5 45.4 84.4



#25
Chloroform
Concen: 2.385 ug/L
RT: 5.098 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX036083.D
Acq: 08 Jun 2023 20:12

Tgt Ion: 83 Resp: 9252
Ion Ratio Lower Upper
83 100
85 59.4 45.0 83.6



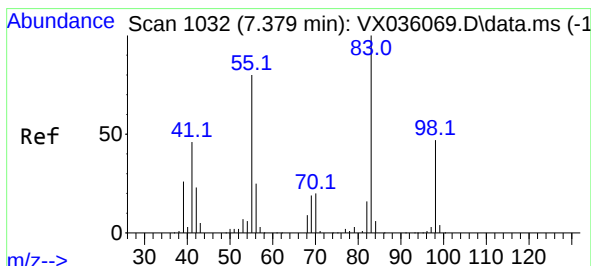
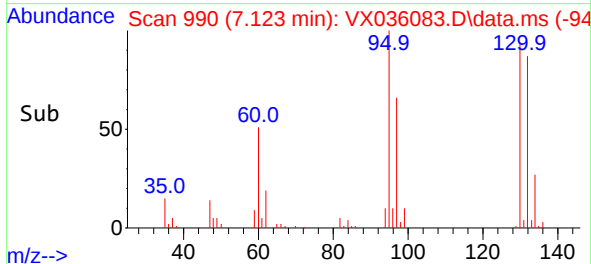
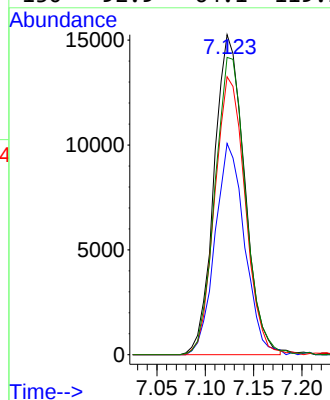
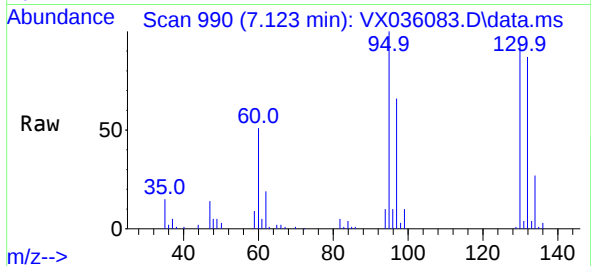


#34
Trichloroethene
Concen: 16.141 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036083.D
Acq: 08 Jun 2023 20:12

Instrument :
MSVOA_X
ClientSampleId :
EZEN6

Tgt Ion: 95 Resp: 33283

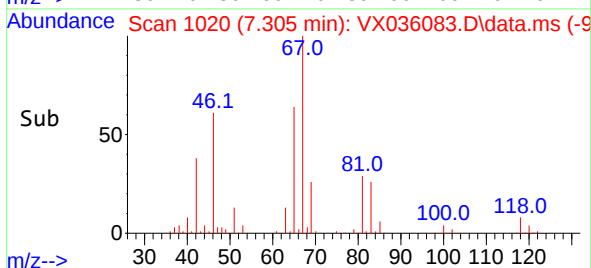
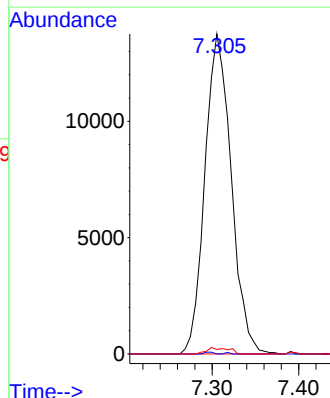
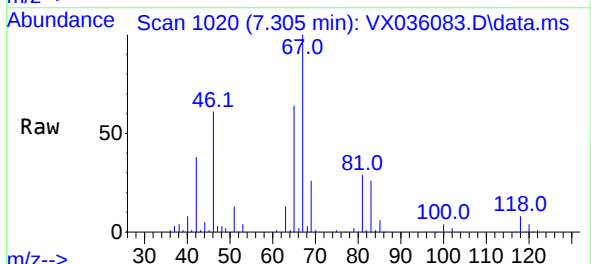
Ion	Ratio	Lower	Upper
95	100		
97	66.0	43.6	81.0
132	86.9	59.9	111.3
130	92.9	64.1	119.1

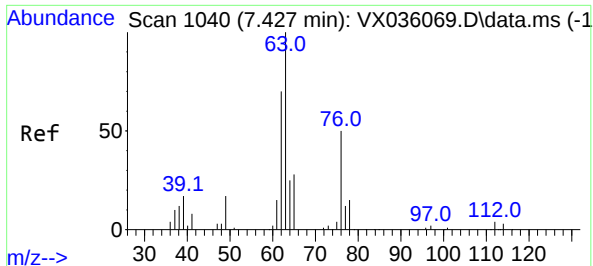


#35
Methylcyclohexane
Concen: 9.613 ug/L
RT: 7.305 min Scan# 1020
Delta R.T. -0.073 min
Lab File: VX036083.D
Acq: 08 Jun 2023 20:12

Tgt Ion: 83 Resp: 29098

Ion	Ratio	Lower	Upper
83	100		
55	0.2	65.4	98.2#
98	1.4	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 7.139 ug/L

RT: 7.305 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX036083.D

Acq: 08 Jun 2023 20:12

Instrument :

MSVOA_X

ClientSampleId :

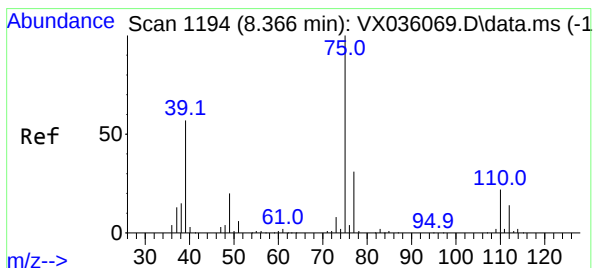
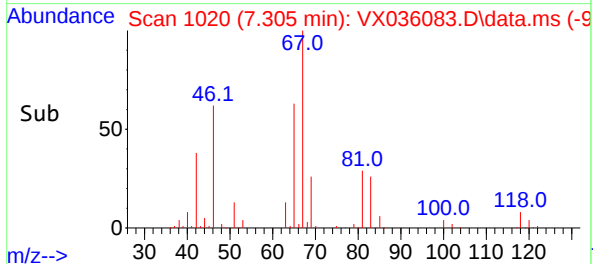
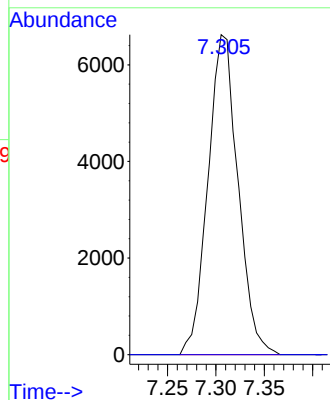
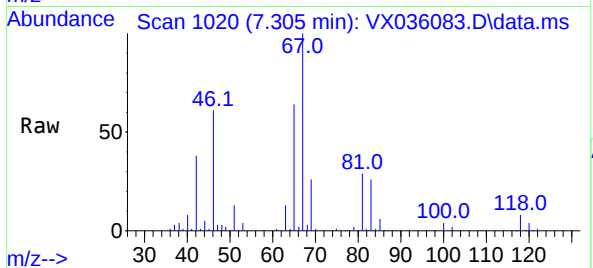
EZEN6

Tgt Ion: 63 Resp: 14344

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 1.117 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX036083.D

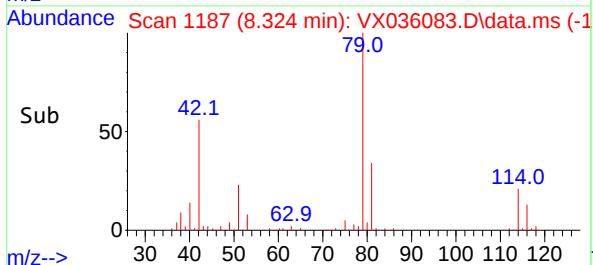
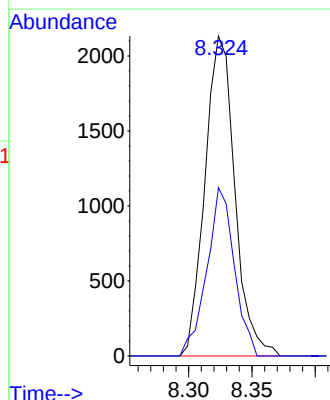
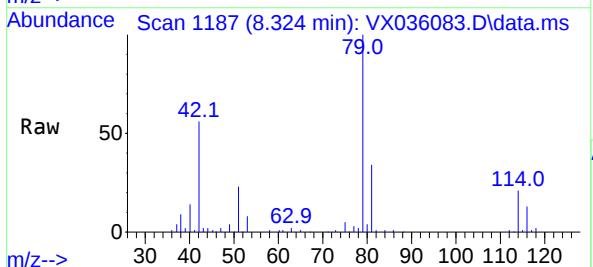
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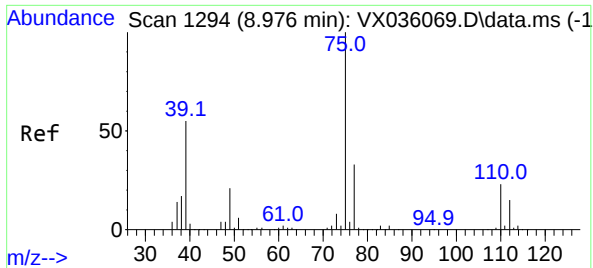
Tgt Ion: 75 Resp: 3506

Ion Ratio Lower Upper

75 100

77 52.6 21.9 40.7#





#44
trans-1,3-Dichloropropene
Concen: 0.799 ug/L
RT: 8.945 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX036083.D
Acq: 08 Jun 2023 20:12

Instrument :
MSVOA_X
ClientSampleId :
EZEN6

Tgt Ion: 75 Resp: 2350
Ion Ratio Lower Upper
75 100
77 25.4 22.0 41.0

