

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060923\
 Data File : VX036111.D
 Acq On : 09 Jun 2023 16:15
 Operator : JC/MD
 Sample : 03107-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0FK6

Quant Time: Jun 10 00:16:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 10 00:08:47 2023
 Response via : Initial Calibration

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

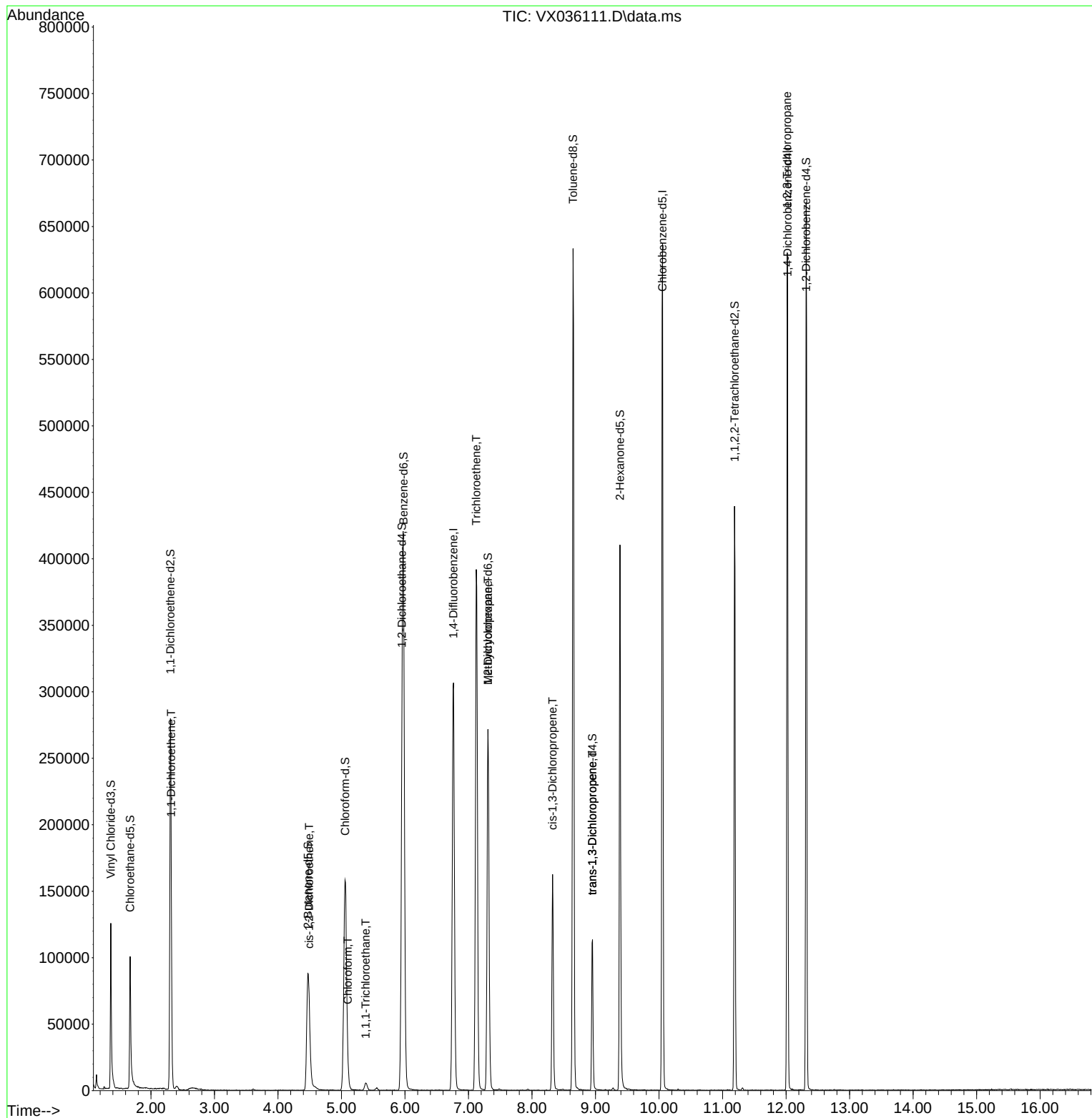
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	290634	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	262563	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	116983	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	87102	44.111	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.220%
7) Chloroethane-d5	1.672	69	74679	49.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.620%
11) 1,1-Dichloroethene-d2	2.307	65	47885	47.829	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.660%
21) 2-Butanone-d5	4.471	46	160428	99.120	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.120%
24) Chloroform-d	5.056	84	197255	47.906	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.820%
26) 1,2-Dichloroethane-d4	5.952	65	155994	51.919	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.840%
32) Benzene-d6	5.977	84	395018	50.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.020%
36) 1,2-Dichloropropane-d6	7.306	67	126133	51.377	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.760%
41) Toluene-d8	8.647	98	358808	49.357	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.720%
43) trans-1,3-Dichloroprop...	8.952	79	52369	44.438	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.880%
47) 2-Hexanone-d5	9.384	63	107652	98.475	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.470%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	163013	48.612	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.220%
66) 1,2-Dichlorobenzene-d4	12.317	152	118345	52.106	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.220%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	10759	5.571	ug/L #	1
20) cis-1,2-Dichloroethene	4.489	96	10126	4.265	ug/L	90
25) Chloroform	5.099	83	11698	2.607	ug/L	96
30) 1,1,1-Trichloroethane	5.379	97	4557	1.252	ug/L	94
34) Trichloroethene	7.123	95	153185	65.020	ug/L	98
35) Methylcyclohexane	7.306	83	32656	9.442	ug/L #	17
39) cis-1,3-Dichloropropene	8.324	75	3987	1.112	ug/L #	63
44) trans-1,3-Dichloropropene	8.952	75	2729	0.812	ug/L	97
61) 1,2,3-Trichloropropane	12.018	75	15769	6.303	ug/L #	64

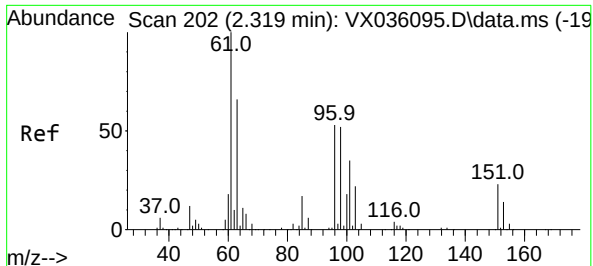
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 10 00:08:47 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.571 ug/L

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX036111.D

Acq: 09 Jun 2023 16:15

Instrument :

MSVOA_X

ClientSampleId :

C0FK6

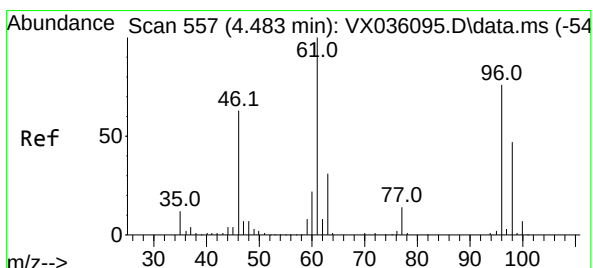
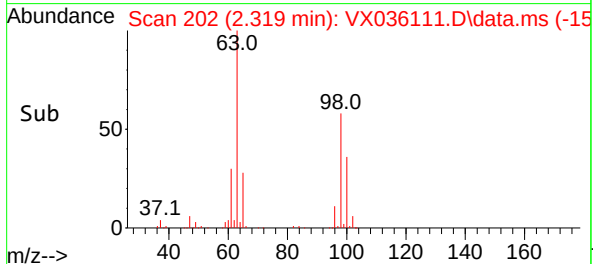
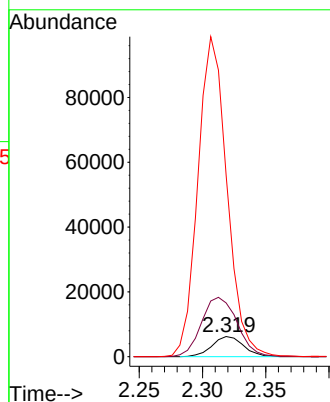
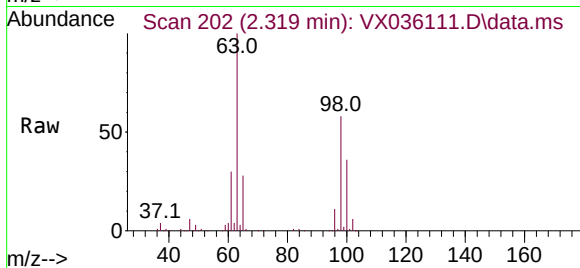
Tgt Ion: 96 Resp: 10759

Ion Ratio Lower Upper

96 100

61 267.6 132.5 246.1#

63 902.2 95.1 176.7#



#20

cis-1,2-Dichloroethene

Concen: 4.265 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX036111.D

Acq: 09 Jun 2023 16:15

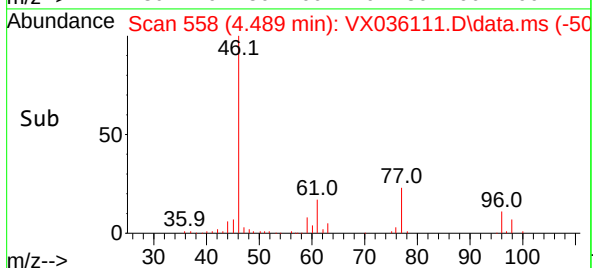
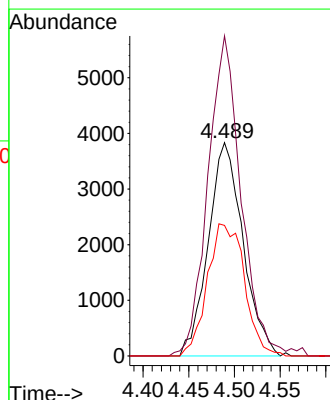
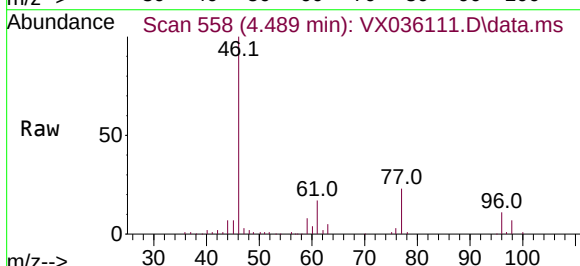
Tgt Ion: 96 Resp: 10126

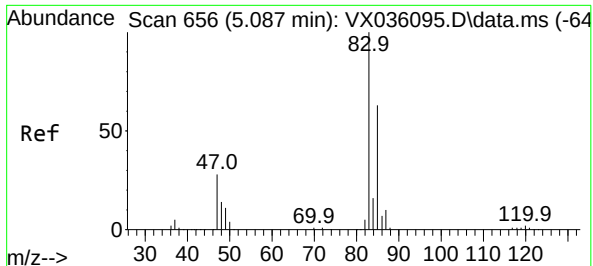
Ion Ratio Lower Upper

96 100

61 150.0 94.7 175.9

98 61.2 45.4 84.4





#25

Chloroform

Concen: 2.607 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX036111.D

Acq: 09 Jun 2023 16:15

Instrument :

MSVOA_X

ClientSampleId :

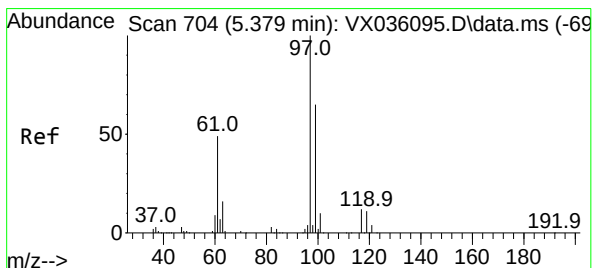
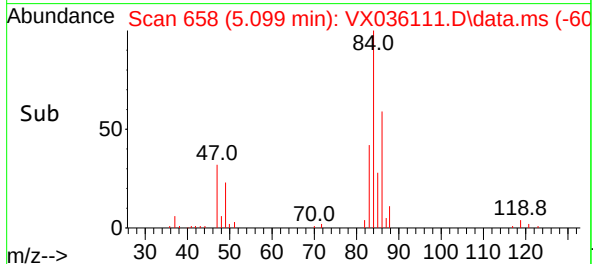
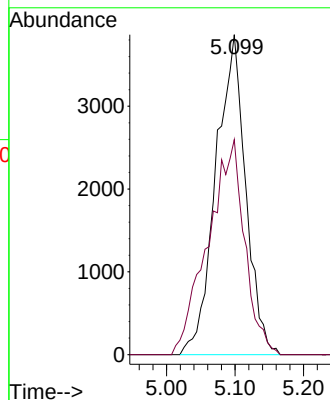
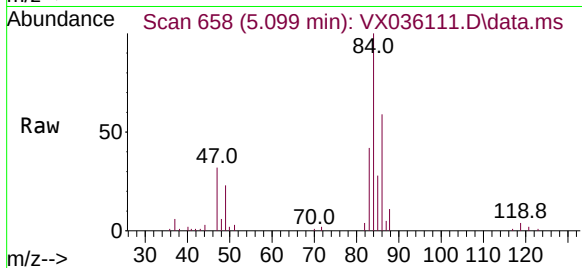
C0FK6

Tgt Ion: 83 Resp: 11698

Ion Ratio Lower Upper

83 100

85 67.2 45.0 83.6



#30

1,1,1-Trichloroethane

Concen: 1.252 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX036111.D

Acq: 09 Jun 2023 16:15

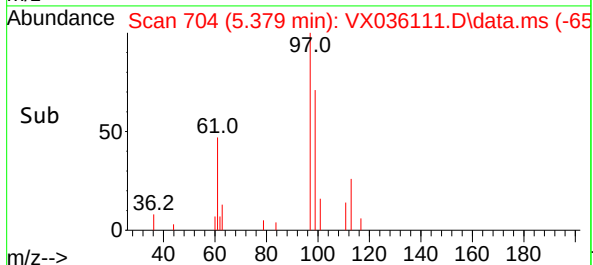
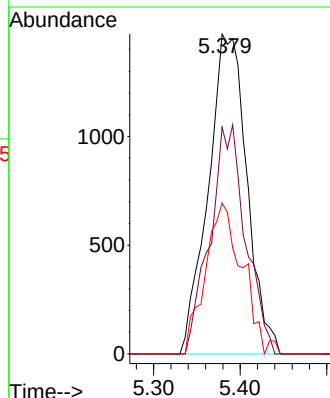
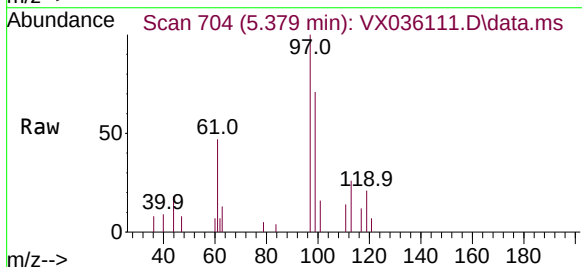
Tgt Ion: 97 Resp: 4557

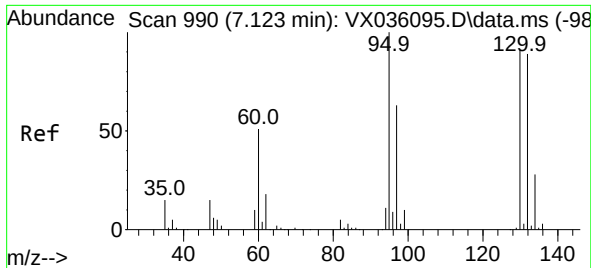
Ion Ratio Lower Upper

97 100

99 66.2 51.9 77.9

61 38.7 38.0 57.0

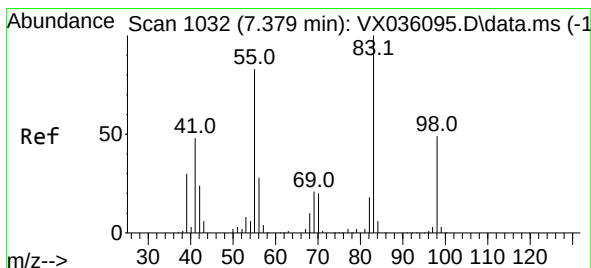
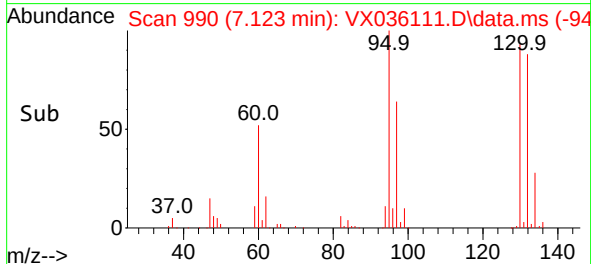
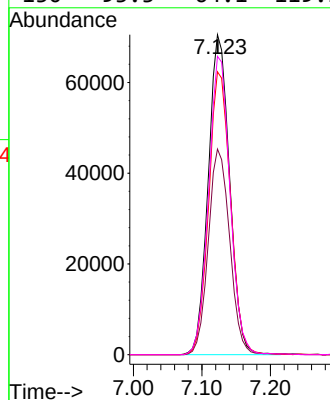
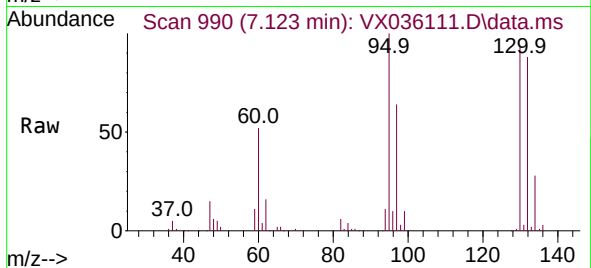




#34
Trichloroethene
Concen: 65.020 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036111.D
Acq: 09 Jun 2023 16:15

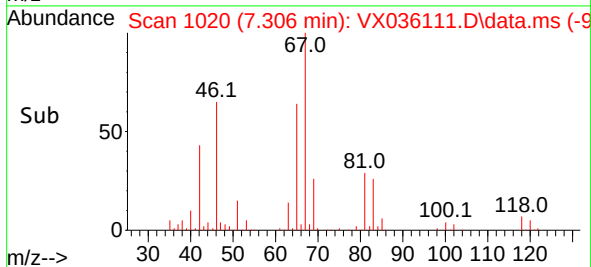
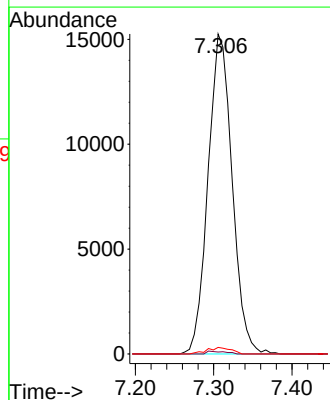
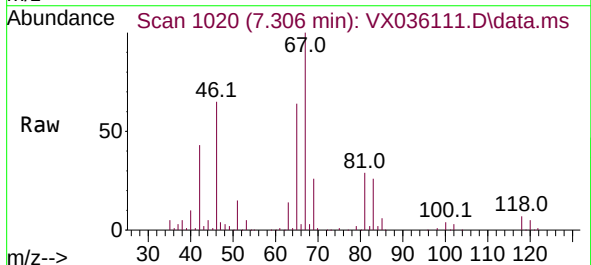
Instrument :
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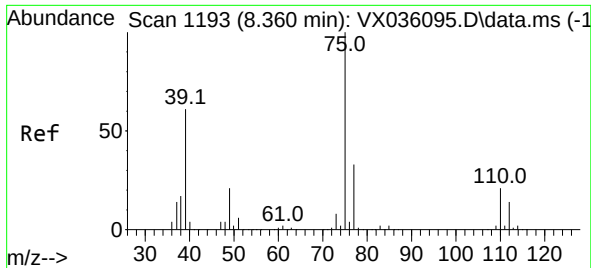
Tgt Ion: 95 Resp: 153185
Ion Ratio Lower Upper
95 100
97 64.2 43.6 81.0
132 88.4 59.9 111.3
130 93.3 64.1 119.1



#35
Methylcyclohexane
Concen: 9.442 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.073 min
Lab File: VX036111.D
Acq: 09 Jun 2023 16:15

Tgt Ion: 83 Resp: 32656
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.2#
98 1.8 39.0 58.6#

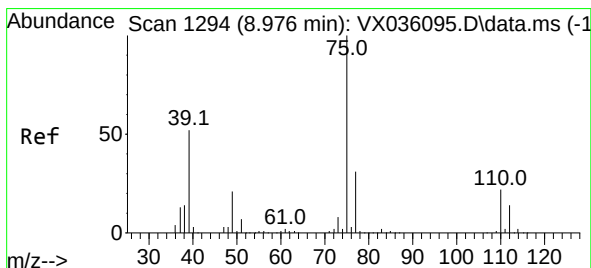
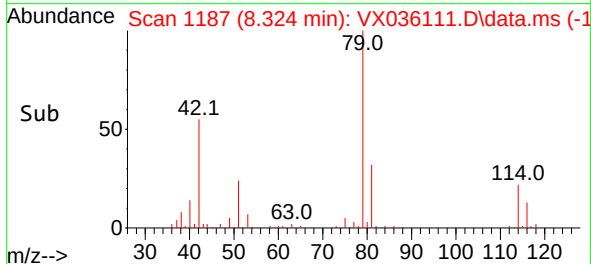
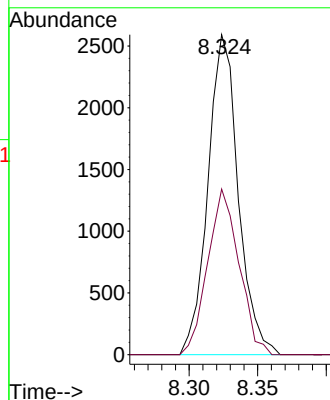
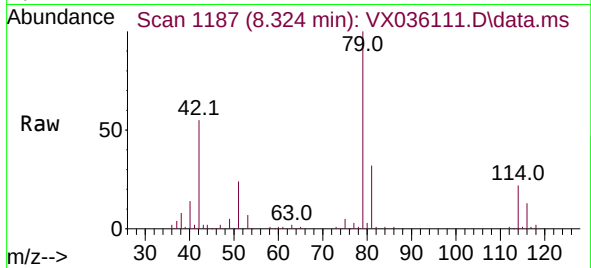




#39
cis-1,3-Dichloropropene
Concen: 1.112 ug/L
RT: 8.324 min Scan# 1193
Delta R.T. -0.037 min
Lab File: VX036111.D
Acq: 09 Jun 2023 16:15

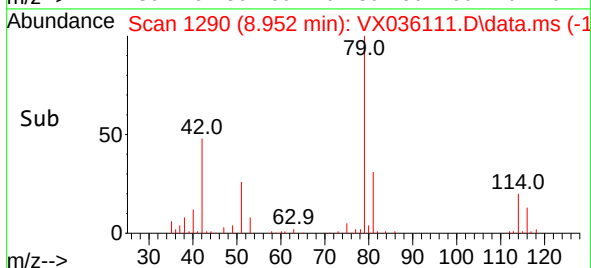
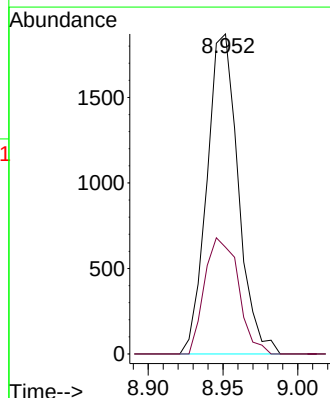
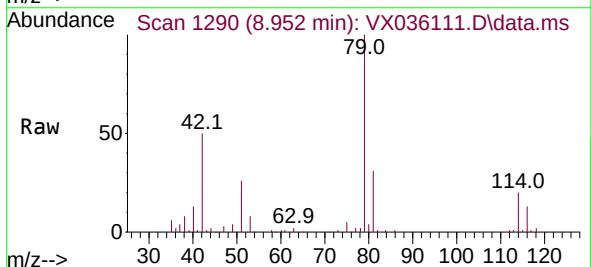
Instrument :
MSVOA_X
ClientSampleId :
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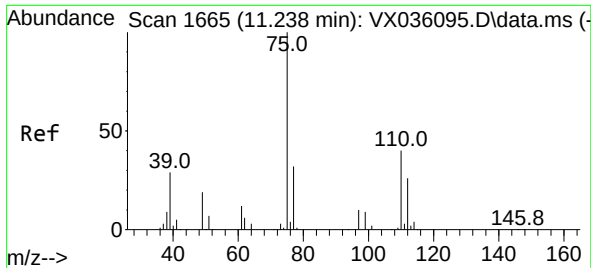
Tgt Ion: 75 Resp: 3987
Ion Ratio Lower Upper
75 100
77 51.7 21.9 40.7#



#44
trans-1,3-Dichloropropene
Concen: 0.812 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX036111.D
Acq: 09 Jun 2023 16:15

Tgt Ion: 75 Resp: 2729
Ion Ratio Lower Upper
75 100
77 33.4 22.0 41.0





#61
 1,2,3-Trichloropropane
 Concen: 6.303 ug/L
 RT: 12.018 min Scan# 11
 Delta R.T. 0.780 min
 Lab File: VX036111.D
 Acq: 09 Jun 2023 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 C0FK6

Tgt Ion: 75 Resp: 15769
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.2 37.8
 110 3.6 31.8 47.6#

