

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060923\
 Data File : VX036109.D
 Acq On : 09 Jun 2023 15:29
 Operator : JC/MD
 Sample : 03107-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0FK3

Quant Time: Jun 10 00:15:59 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)

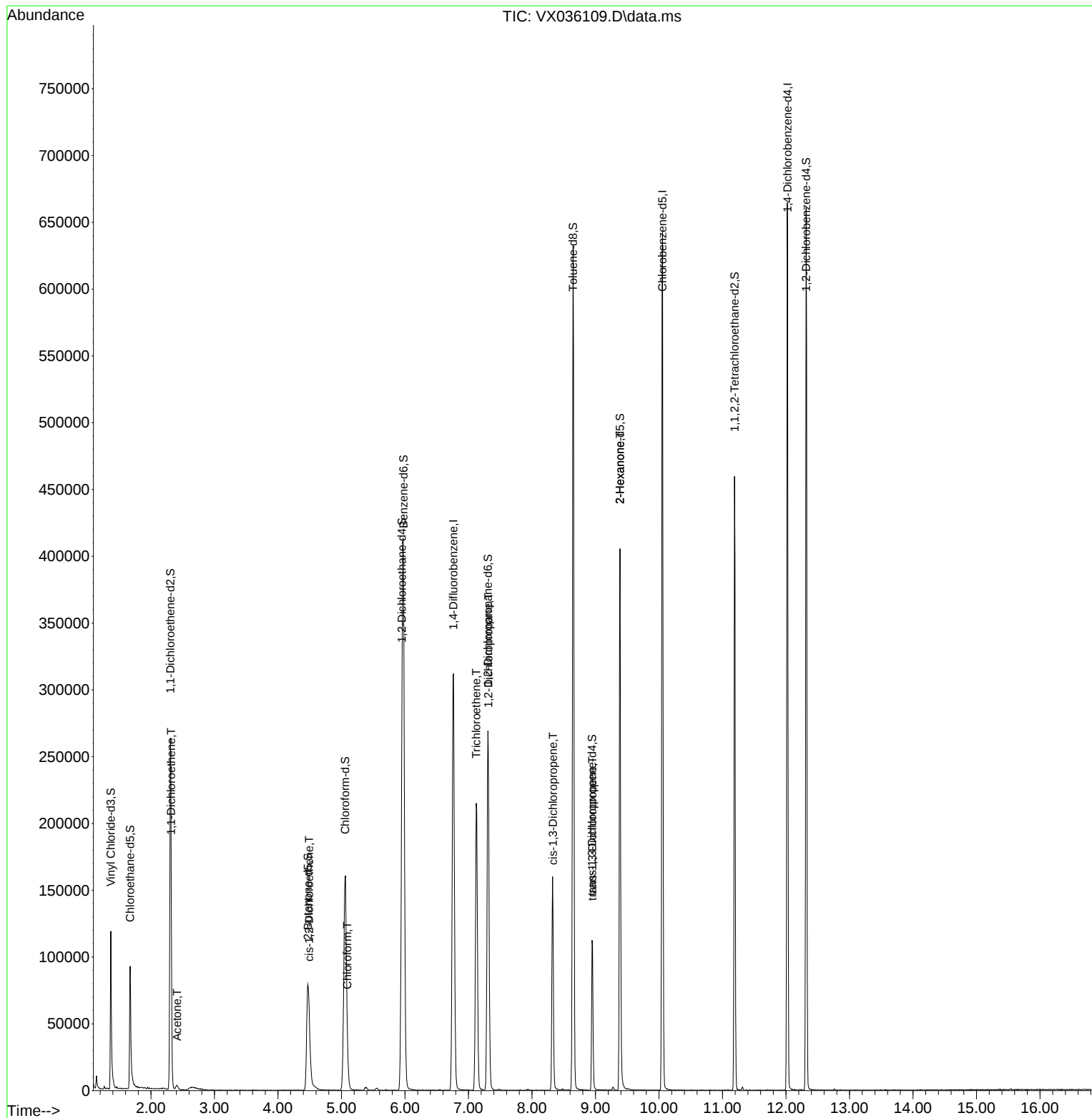
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	296293	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	274146	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	123936	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	86992	43.214	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.420%		
7) Chloroethane-d5	1.673	69	74180	48.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.100%		
11) 1,1-Dichloroethene-d2	2.307	65	47240	46.284	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.560%		
21) 2-Butanone-d5	4.471	46	160134	97.049	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.050%		
24) Chloroform-d	5.056	84	193807	46.170	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.340%		
26) 1,2-Dichloroethane-d4	5.952	65	153627	50.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.300%		
32) Benzene-d6	5.977	84	390564	47.359	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.720%		
36) 1,2-Dichloropropane-d6	7.306	67	123784	48.290	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.580%		
41) Toluene-d8	8.647	98	352277	46.411	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.820%		
43) trans-1,3-Dichloroprop...	8.946	79	51765	42.070	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.140%		
47) 2-Hexanone-d5	9.385	63	108905	95.412	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.410%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	162981	46.549	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.100%		
66) 1,2-Dichlorobenzene-d4	12.317	152	120968	50.273	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.540%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	5864	2.978	ug/L #	1
13) Acetone	2.410	43	5670	3.252	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	4141	1.711	ug/L	97
25) Chloroform	5.093	83	10796	2.360	ug/L	100
34) Trichloroethene	7.123	95	83250	33.843	ug/L	98
37) 1,2-Dichloropropane	7.312	63	15746	6.569	ug/L #	87
39) cis-1,3-Dichloropropene	8.330	75	4090	1.092	ug/L	97
44) trans-1,3-Dichloropropene	8.952	75	2601	0.742	ug/L	91
48) 2-Hexanone	9.385	43	15085	5.295	ug/L #	69

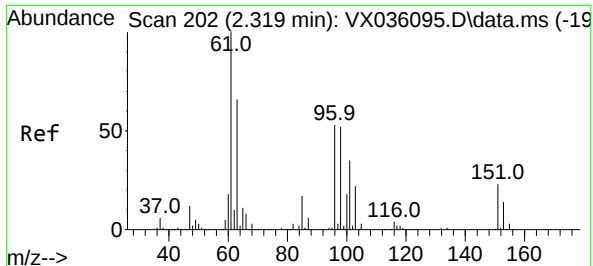
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 2.978 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX036109.D

Acq: 09 Jun 2023 15:29

Instrument :

MSVOA_X

ClientSampleId :

C0FK3

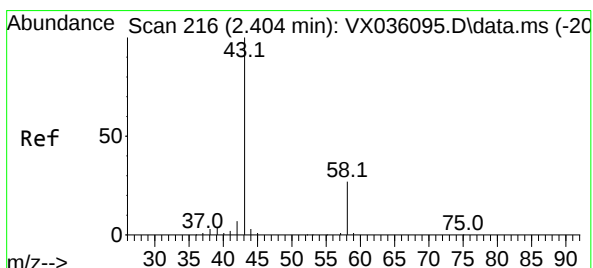
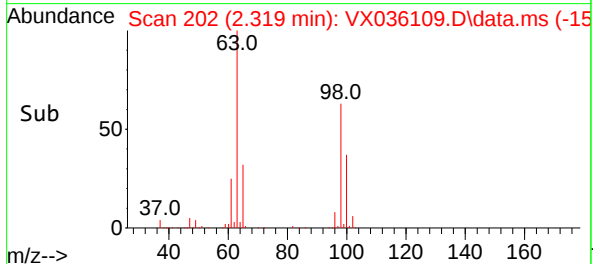
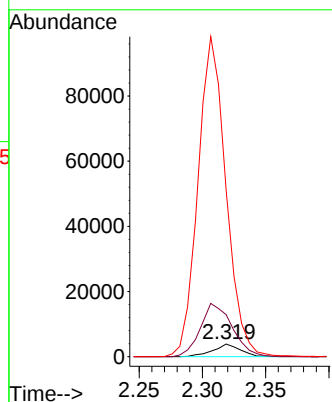
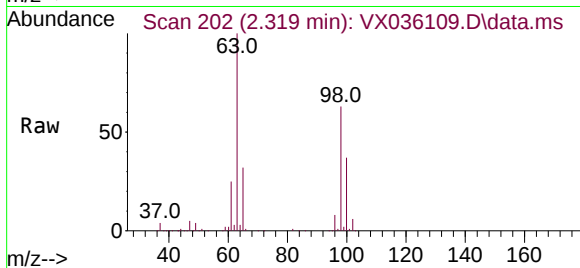
Tgt Ion: 96 Resp: 5864

Ion Ratio Lower Upper

96 100

61 332.0 132.5 246.1#

63 1318.2 95.1 176.7#



#13

Acetone

Concen: 3.252 ug/L

RT: 2.410 min Scan# 217

Delta R.T. 0.006 min

Lab File: VX036109.D

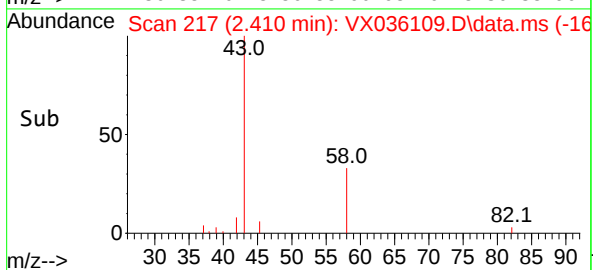
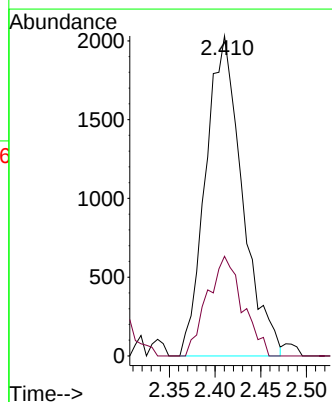
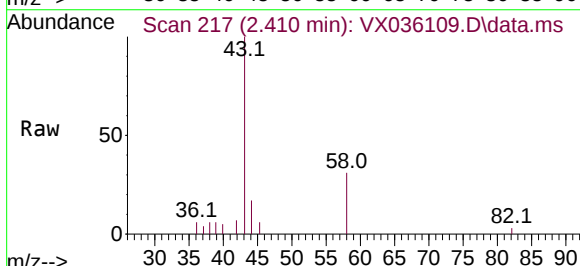
Acq: 09 Jun 2023 15:29

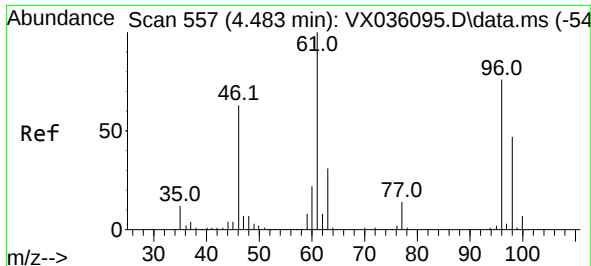
Tgt Ion: 43 Resp: 5670

Ion Ratio Lower Upper

43 100

58 29.9 0.0 55.4

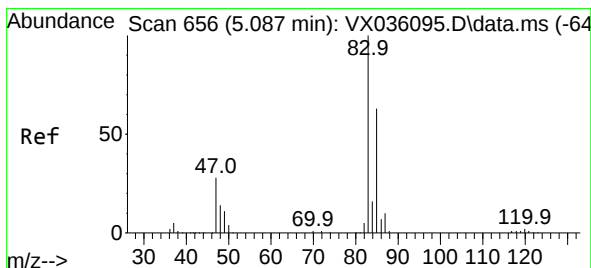
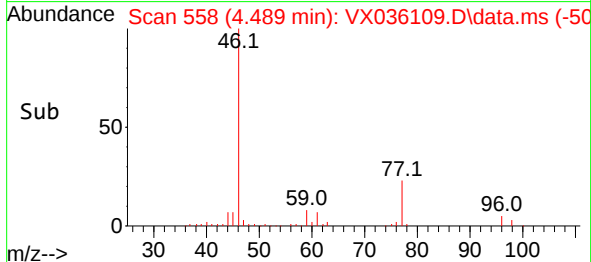
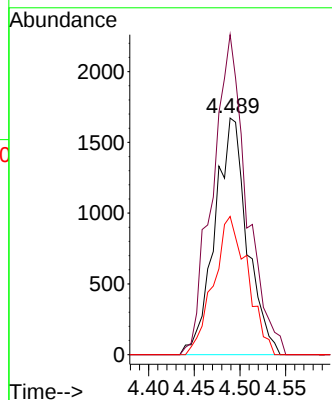
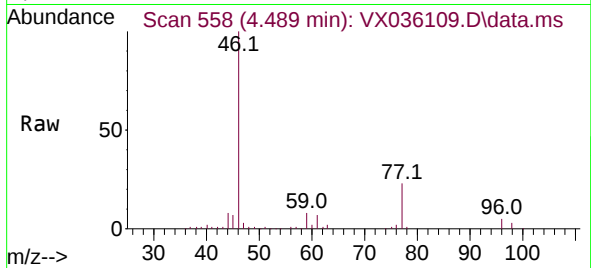




#20
cis-1,2-Dichloroethene
Concen: 1.711 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036109.D
Acq: 09 Jun 2023 15:29

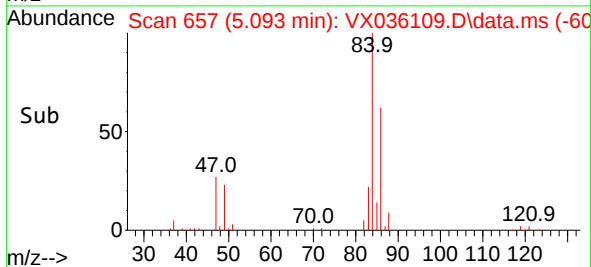
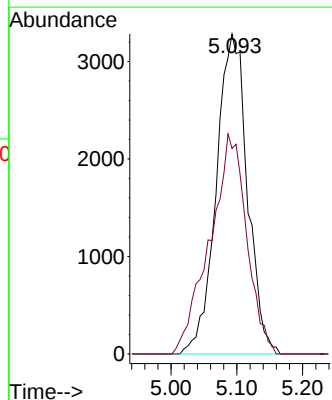
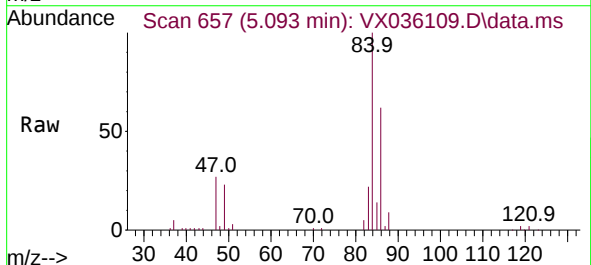
Instrument :
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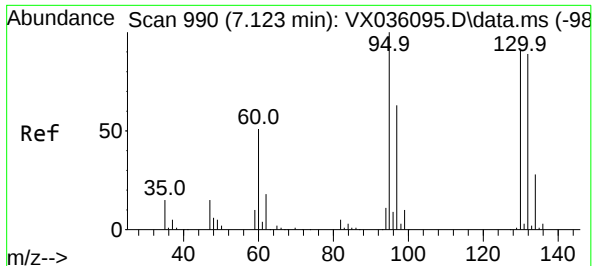
Tgt Ion: 96 Resp: 4141
Ion Ratio Lower Upper
96 100
61 135.2 94.7 175.9
98 58.4 45.4 84.4



#25
Chloroform
Concen: 2.360 ug/L
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX036109.D
Acq: 09 Jun 2023 15:29

Tgt Ion: 83 Resp: 10796
Ion Ratio Lower Upper
83 100
85 64.2 45.0 83.6

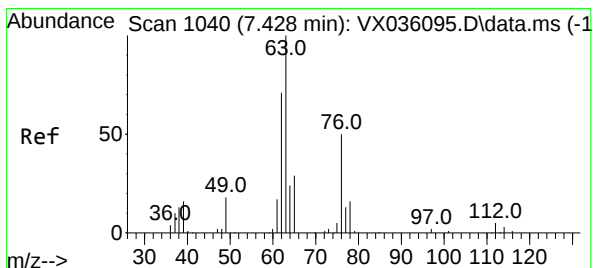
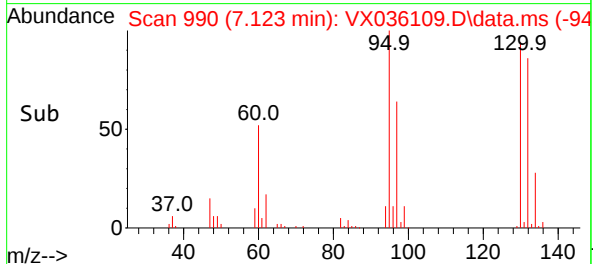
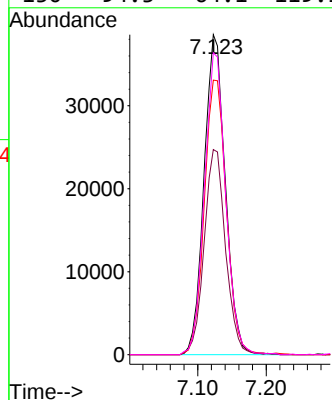
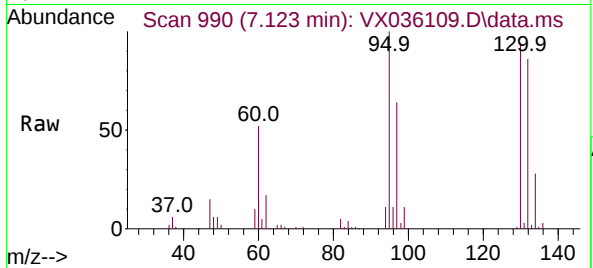




#34
Trichloroethene
Concen: 33.843 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036109.D
Acq: 09 Jun 2023 15:29

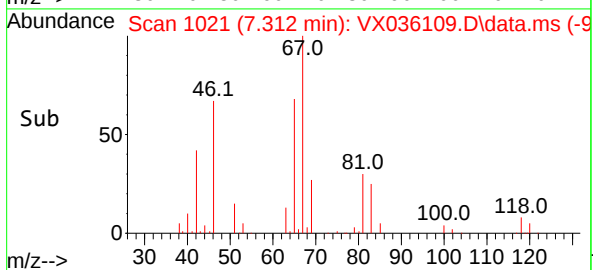
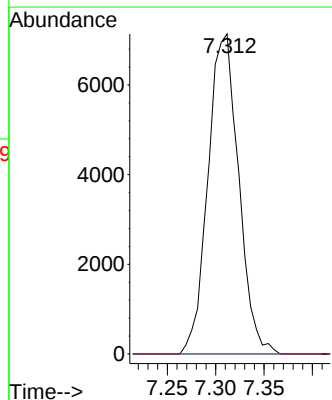
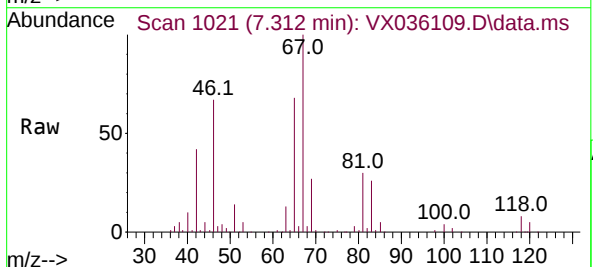
Instrument :
MSVOA_X
ClientSampleId :
C0FK3

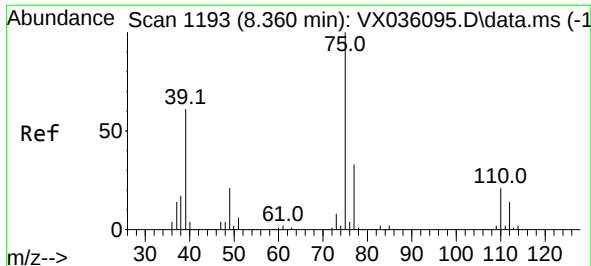
Tgt Ion: 95 Resp: 83250
Ion Ratio Lower Upper
95 100
97 64.1 43.6 81.0
132 85.8 59.9 111.3
130 94.3 64.1 119.1



#37
1,2-Dichloropropane
Concen: 6.569 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.116 min
Lab File: VX036109.D
Acq: 09 Jun 2023 15:29

Tgt Ion: 63 Resp: 15746
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 1.092 ug/L

RT: 8.330 min Scan# 1193

Delta R.T. -0.030 min

Lab File: VX036109.D

Acq: 09 Jun 2023 15:29

Instrument :

MSVOA_X

ClientSampleId :

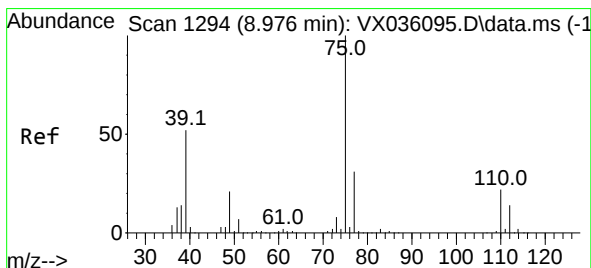
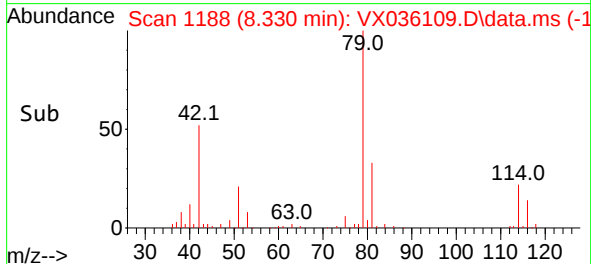
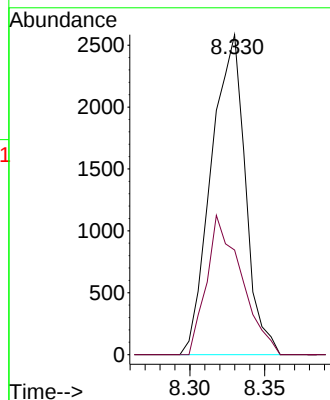
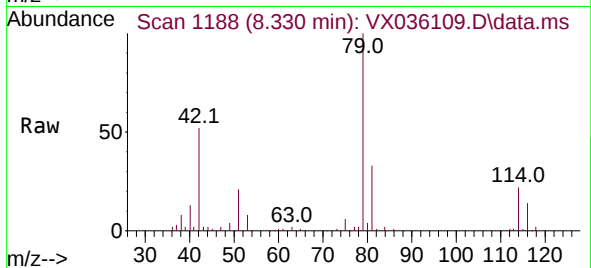
C0FK3

Tgt Ion: 75 Resp: 4090

Ion Ratio Lower Upper

75 100

77 32.7 21.9 40.7



#44

trans-1,3-Dichloropropene

Concen: 0.742 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX036109.D

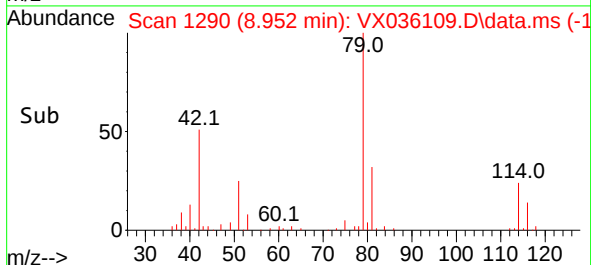
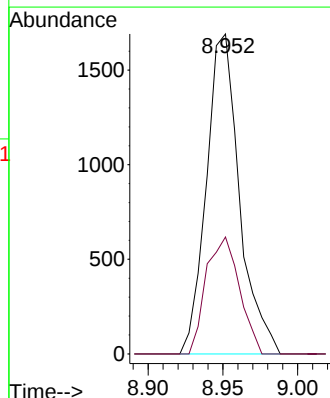
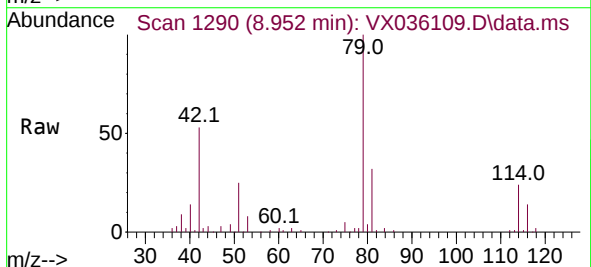
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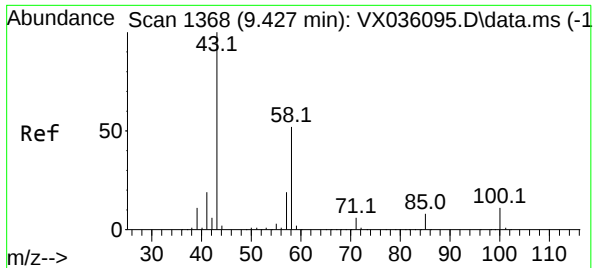
Tgt Ion: 75 Resp: 2601

Ion Ratio Lower Upper

75 100

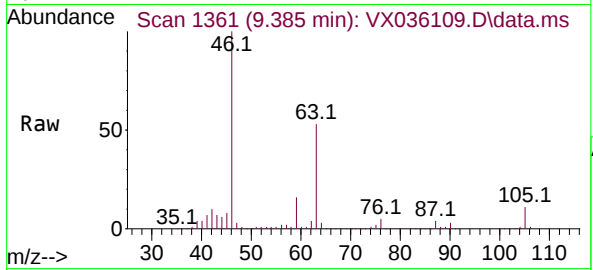
77 36.5 22.0 41.0





#48
 2-Hexanone
 Concen: 5.295 ug/L
 RT: 9.385 min Scan# 11
 Delta R.T. -0.043 min
 Lab File: VX036109.D
 Acq: 09 Jun 2023 15:29

Instrument :
 MSVOA_X
 ClientSampleId :
 C0FK3



Tgt Ion: 43	Resp: 15085
Ion Ratio	Lower Upper
43	100
58	24.0 41.0 61.6#
57	24.1 15.2 22.8#
100	0.0 9.2 13.8#

