

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036041.D
 Acq On : 06 Jun 2023 18:31
 Operator : JC/MD
 Sample : 02992-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C14

Quant Time: Jun 07 05:57:53 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)

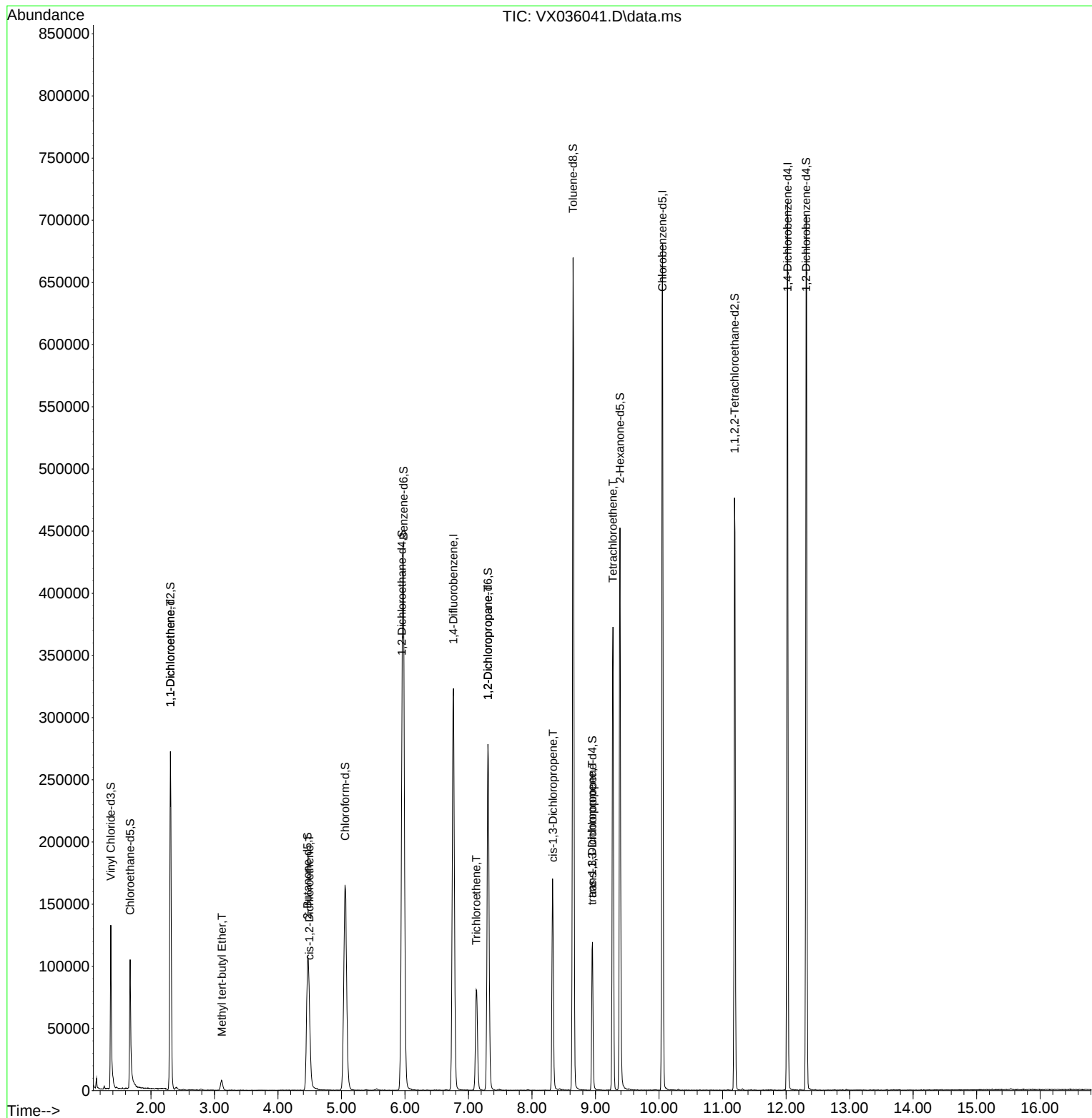
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	308232	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	298899	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	135918	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	97781	46.692	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.380%		
7) Chloroethane-d5	1.672	69	79633	49.582	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.160%		
11) 1,1-Dichloroethene-d2	2.306	65	49708	46.816	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.640%		
21) 2-Butanone-d5	4.464	46	178662	104.084	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.080%		
24) Chloroform-d	5.056	84	208530	47.753	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.500%		
26) 1,2-Dichloroethane-d4	5.952	65	160890	50.491	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.980%		
32) Benzene-d6	5.976	84	417012	46.378	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.760%		
36) 1,2-Dichloropropane-d6	7.305	67	129765	46.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.860%		
41) Toluene-d8	8.647	98	380022	45.920	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.840%		
43) trans-1,3-Dichloroprop...	8.951	79	54630	40.721	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.440%		
47) 2-Hexanone-d5	9.384	63	126082	101.313	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.310%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	180491	47.281	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.560%		
66) 1,2-Dichlorobenzene-d4	12.317	152	128535	48.708	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.420%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	1054	0.515	ug/L #	1
18) Methyl tert-butyl Ether	3.117	73	8187	1.049	ug/L #	94
20) cis-1,2-Dichloroethene	4.495	96	18186	7.223	ug/L	95
34) Trichloroethene	7.123	95	31489	11.741	ug/L	95
37) 1,2-Dichloropropane	7.305	63	16488	6.309	ug/L #	87
39) cis-1,3-Dichloropropene	8.330	75	4293	1.051	ug/L #	82
44) trans-1,3-Dichloropropene	8.945	75	2903	0.759	ug/L	93
46) Tetrachloroethene	9.275	164	65049	34.683	ug/L	96

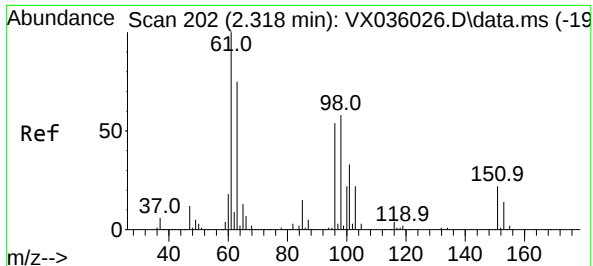
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 07 05:37:48 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.515 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX036041.D

Acq: 06 Jun 2023 18:31

Instrument :

MSVOA_X

ClientSampleId :

F6C14

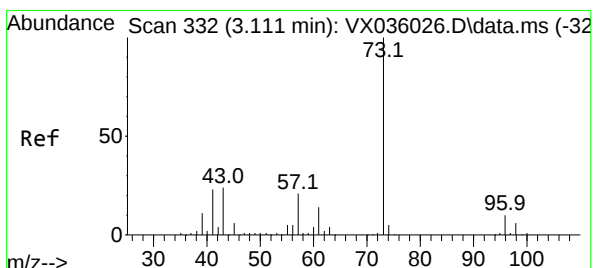
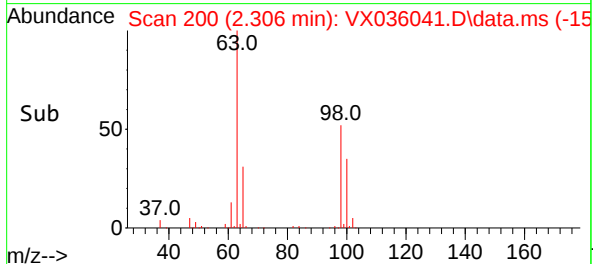
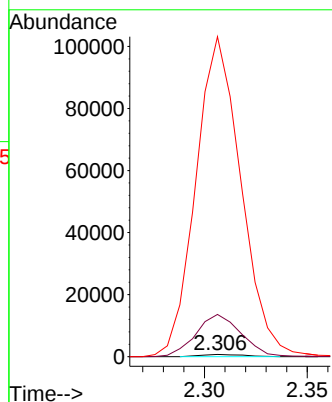
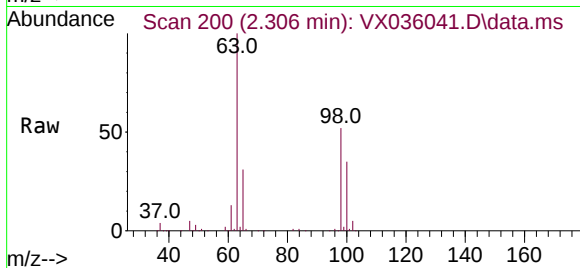
Tgt Ion: 96 Resp: 1054

Ion Ratio Lower Upper

96 100

61 1930.9 132.5 246.1#

63 14630.4 95.1 176.7#



#18

Methyl tert-butyl Ether

Concen: 1.049 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX036041.D

Acq: 06 Jun 2023 18:31

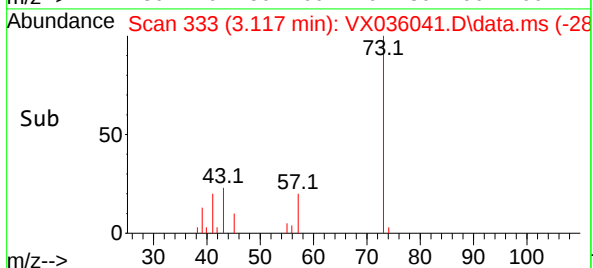
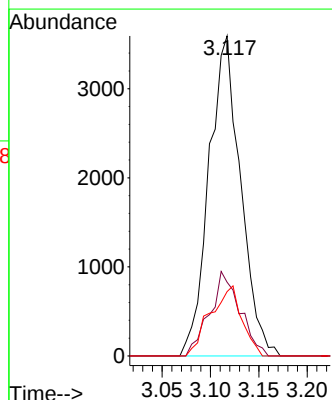
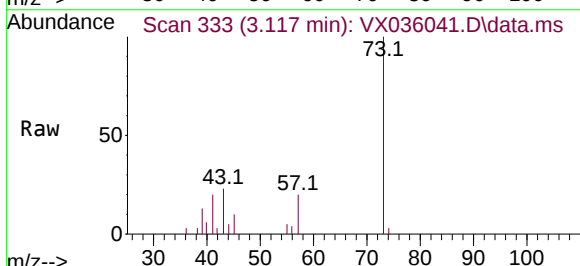
Tgt Ion: 73 Resp: 8187

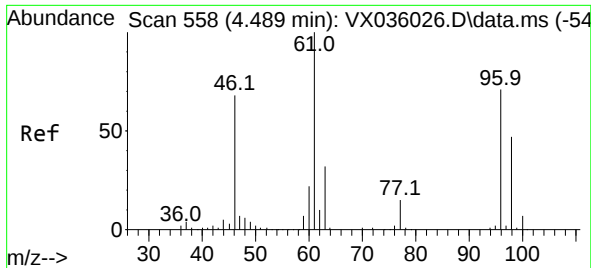
Ion Ratio Lower Upper

73 100

43 25.3 19.4 29.0

57 16.6 17.5 26.3#

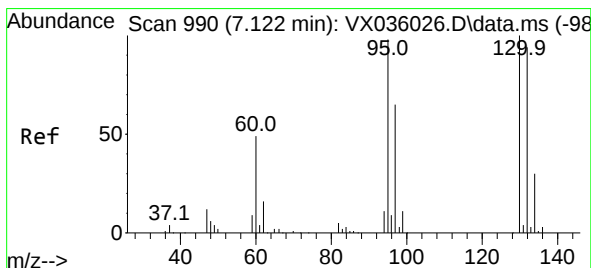
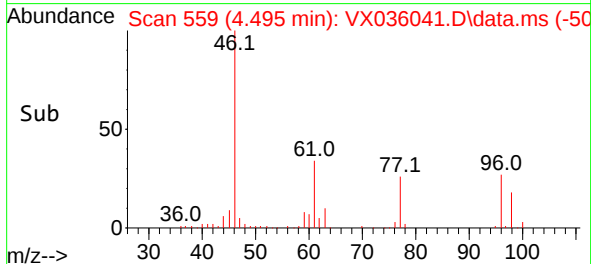
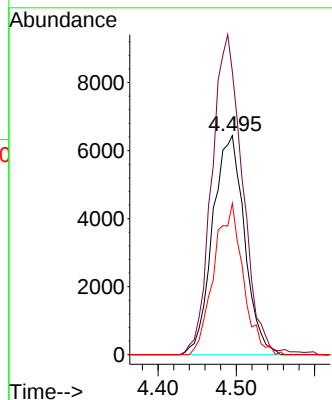
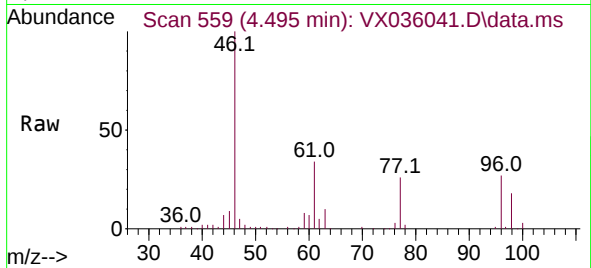




#20
cis-1,2-Dichloroethene
Concen: 7.223 ug/L
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036041.D
Acq: 06 Jun 2023 18:31

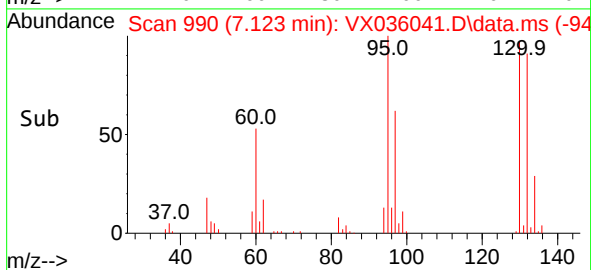
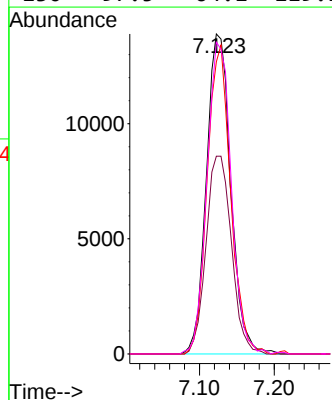
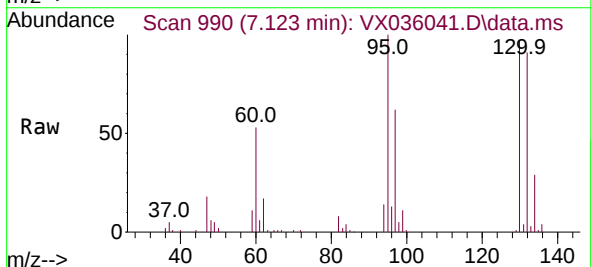
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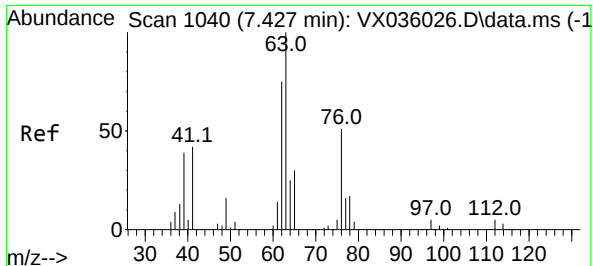
Tgt Ion: 96 Resp: 18186
Ion Ratio Lower Upper
96 100
61 129.1 94.7 175.9
98 69.0 45.4 84.4



#34
Trichloroethene
Concen: 11.741 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036041.D
Acq: 06 Jun 2023 18:31

Tgt Ion: 95 Resp: 31489
Ion Ratio Lower Upper
95 100
97 61.8 43.6 81.0
132 91.3 59.9 111.3
130 97.5 64.1 119.1





#37

1,2-Dichloropropane

Concen: 6.309 ug/L

RT: 7.305 min Scan# 1188

Delta R.T. -0.122 min

Lab File: VX036041.D

Acq: 06 Jun 2023 18:31

Instrument :

MSVOA_X

ClientSampleId :

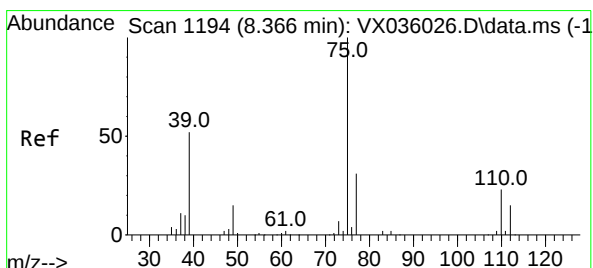
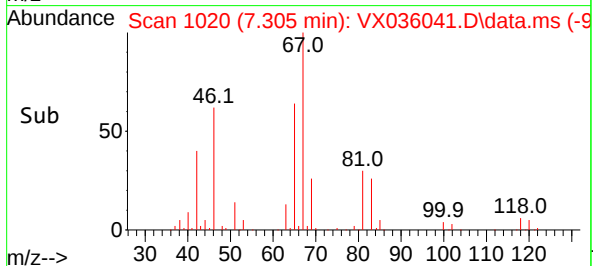
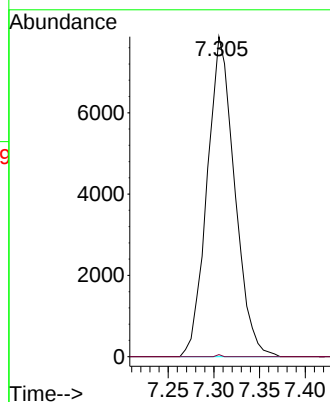
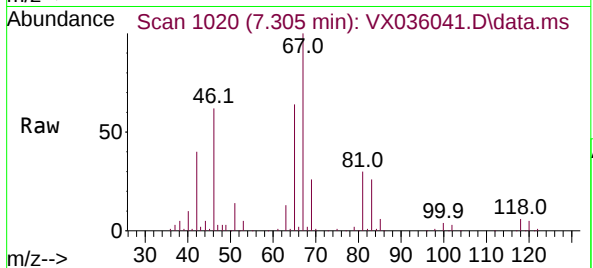
F6C14

Tgt Ion: 63 Resp: 16488

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 1.051 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX036041.D

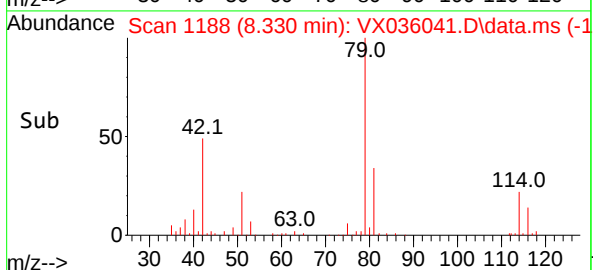
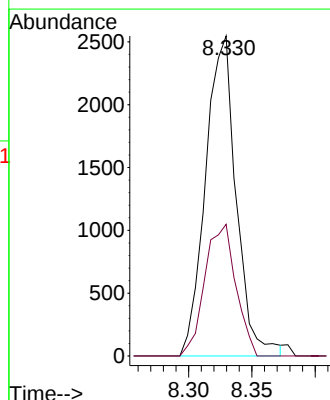
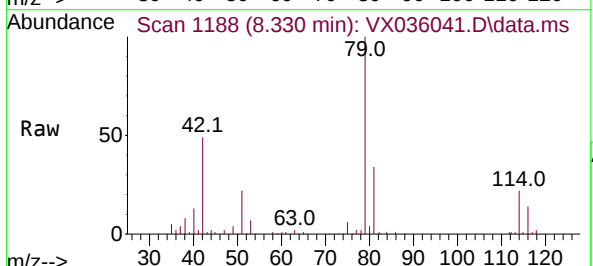
Acq: 06 Jun 2023 18:31

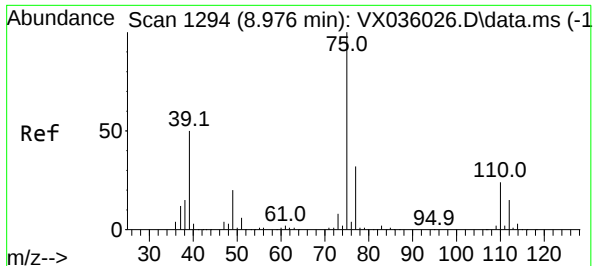
Tgt Ion: 75 Resp: 4293

Ion Ratio Lower Upper

75 100

77 41.1 21.9 40.7#

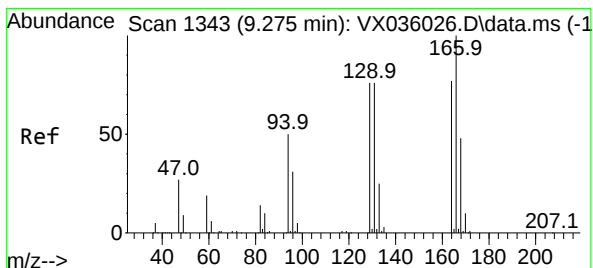
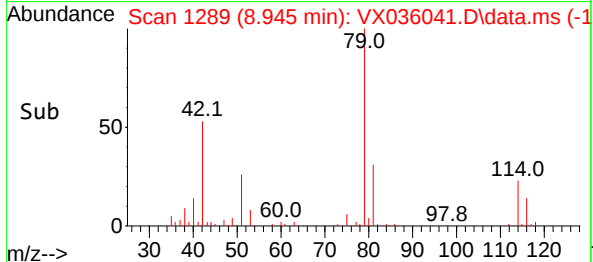
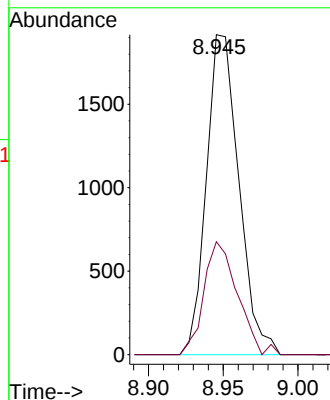
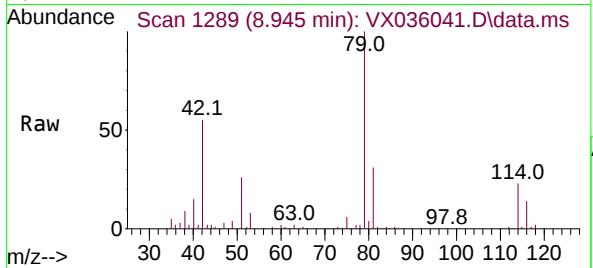




#44
trans-1,3-Dichloropropene
Concen: 0.759 ug/L
RT: 8.945 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX036041.D
Acq: 06 Jun 2023 18:31

Instrument :
MSVOA_X
ClientSampleId :
F6C14

Tgt Ion: 75 Resp: 2903
Ion Ratio Lower Upper
75 100
77 35.3 22.0 41.0



#46
Tetrachloroethene
Concen: 34.683 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036041.D
Acq: 06 Jun 2023 18:31

Tgt Ion: 164 Resp: 65049
Ion Ratio Lower Upper
164 100
129 97.5 74.8 139.0
131 97.8 68.9 127.9
166 127.7 86.8 161.2

