

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
 Data File : VV031439.D
 Acq On : 08 Jun 2023 11:09
 Operator : SY/MD
 Sample : 02992-10 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C13

Quant Time: Jun 09 05:09:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 09 05:07:24 2023
 Response via : Initial Calibration

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

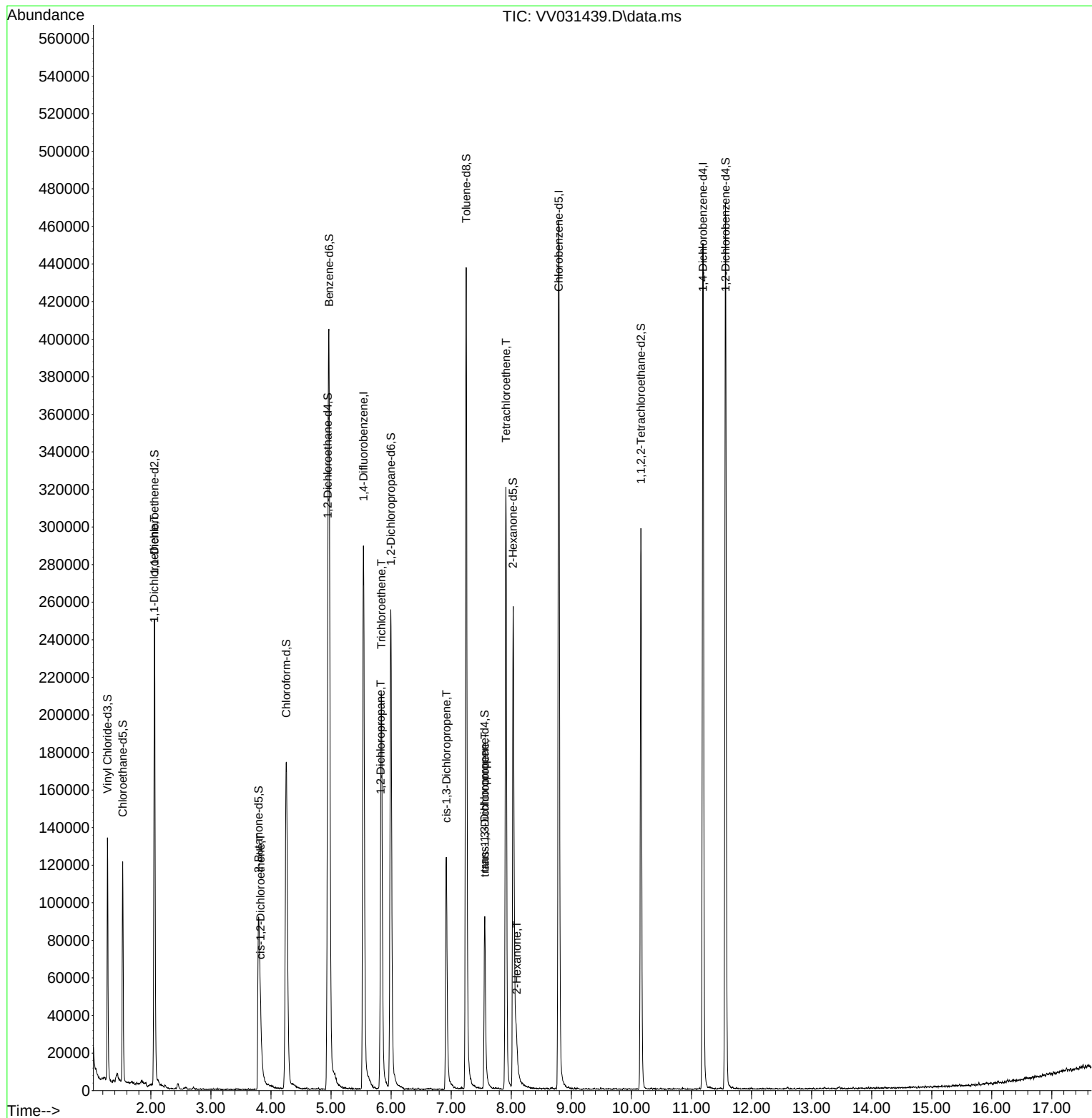
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	236025	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	242614	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	114342	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	84358	40.623	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.240%
7) Chloroethane-d5	1.532	69	76306	45.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.780%
11) 1,1-Dichloroethene-d2	2.060	65	43563	44.262	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.520%
21) 2-Butanone-d5	3.793	46	148010	98.623	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.620%
24) Chloroform-d	4.256	84	189790	48.047	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.100%
26) 1,2-Dichloroethane-d4	4.947	65	131946	49.792	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.580%
32) Benzene-d6	4.966	84	334931	46.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.520%
36) 1,2-Dichloropropane-d6	5.995	67	120309	48.321	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.640%
41) Toluene-d8	7.249	98	292765	44.493	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.980%
43) trans-1,3-Dichloroprop...	7.558	79	54806	43.699	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.400%
47) 2-Hexanone-d5	8.031	63	81786	87.216	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.220%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	143665	45.723	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.440%
66) 1,2-Dichlorobenzene-d4	11.567	152	115058	54.245	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.480%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.057	96	1021	1.084	ug/L #	1
20) cis-1,2-Dichloroethene	3.828	96	7388	5.090	ug/L	91
34) Trichloroethene	5.838	95	68328	40.513	ug/L	97
37) 1,2-Dichloropropane	5.825	63	1920	0.996	ug/L	99
39) cis-1,3-Dichloropropene	6.921	75	3325	1.155	ug/L #	60
44) trans-1,3-Dichloropropene	7.561	75	2705	0.926	ug/L	97
46) Tetrachloroethene	7.912	164	71221	65.048	ug/L	98
48) 2-Hexanone	8.092	43	14223	5.805	ug/L #	83

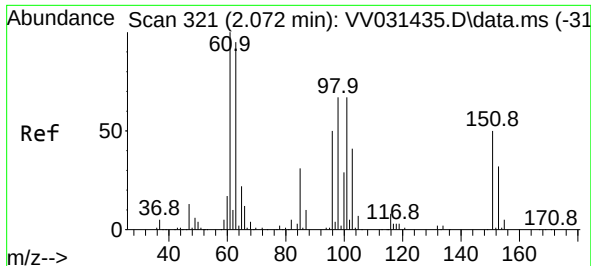
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 09 05:07:24 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.084 ug/L

RT: 2.057 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV031439.D

Acq: 08 Jun 2023 11:09

Instrument :

MSVOA_V

ClientSampleId :

F6C13

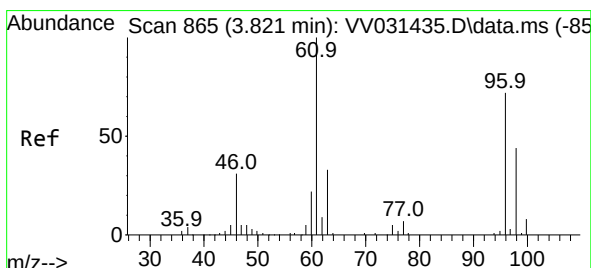
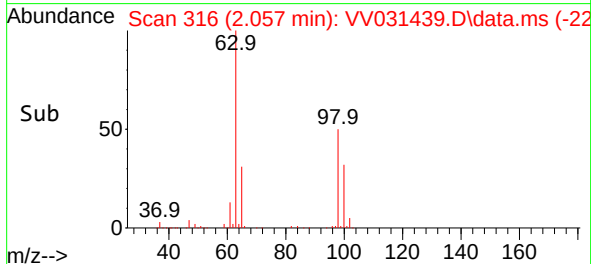
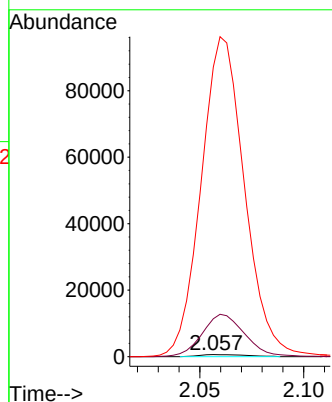
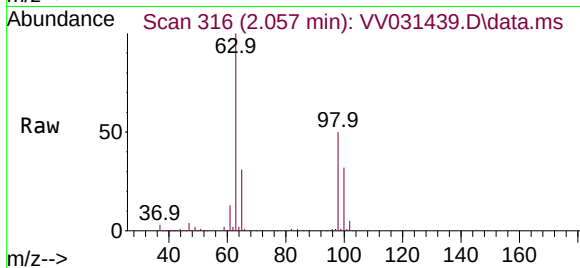
Tgt Ion: 96 Resp: 1021

Ion Ratio Lower Upper

96 100

61 1799.8 143.9 267.3#

63 13718.4 158.3 293.9#



#20

cis-1,2-Dichloroethene

Concen: 5.090 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.007 min

Lab File: VV031439.D

Acq: 08 Jun 2023 11:09

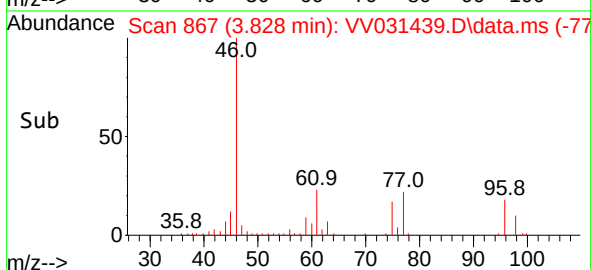
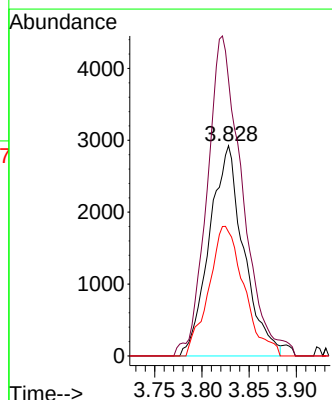
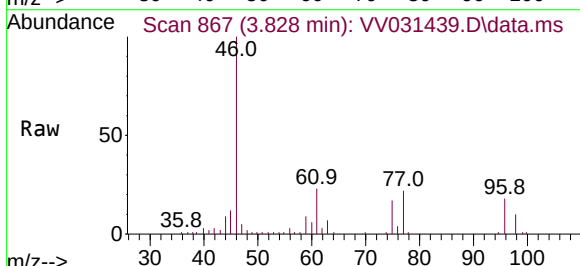
Tgt Ion: 96 Resp: 7388

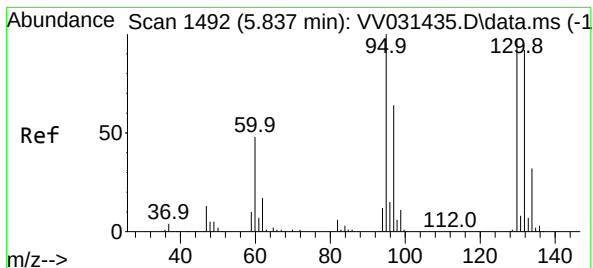
Ion Ratio Lower Upper

96 100

61 131.2 101.6 188.6

98 59.0 44.4 82.4





#34

Trichloroethene

Concen: 40.513 ug/L

RT: 5.838 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VV031439.D

Acq: 08 Jun 2023 11:09

Instrument :

MSVOA_V

ClientSampleId :

F6C13

Tgt Ion: 95 Resp: 68328

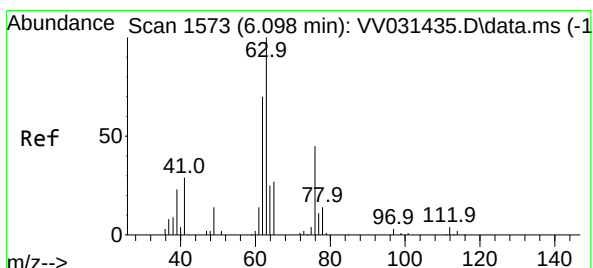
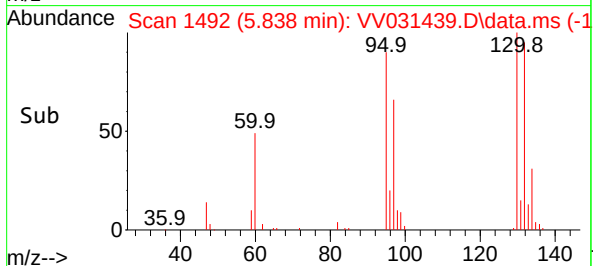
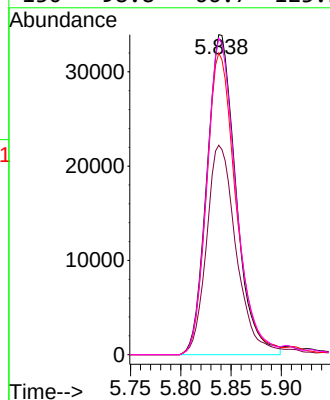
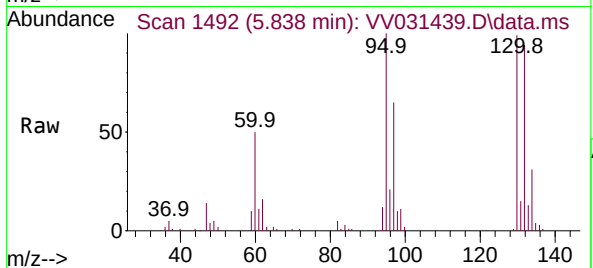
Ion Ratio Lower Upper

95 100

97 65.5 44.2 82.0

132 94.2 64.2 119.2

130 98.8 66.7 123.9



#37

1,2-Dichloropropane

Concen: 0.996 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.273 min

Lab File: VV031439.D

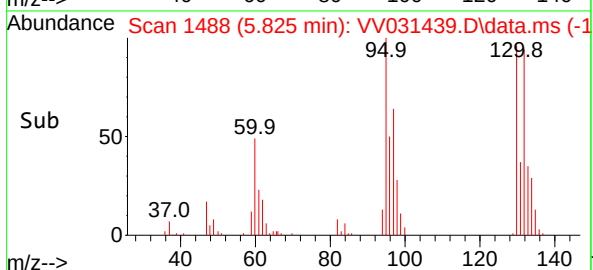
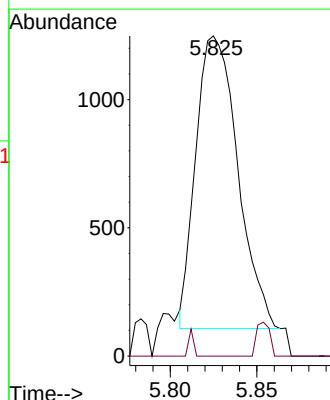
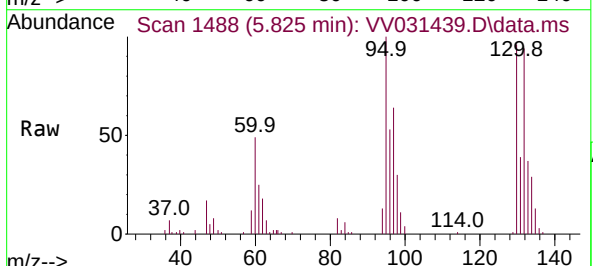
Acq: 08 Jun 2023 11:09

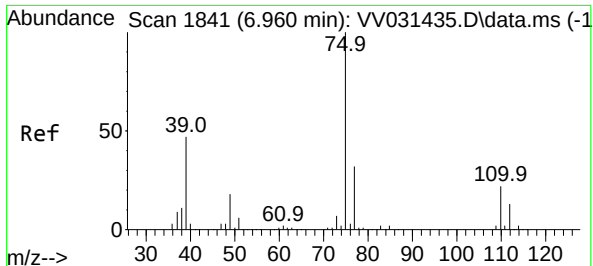
Tgt Ion: 63 Resp: 1920

Ion Ratio Lower Upper

63 100

112 3.6 3.3 4.9





#39

cis-1,3-Dichloropropene

Concen: 1.155 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV031439.D

Acq: 08 Jun 2023 11:09

Instrument :

MSVOA_V

ClientSampleId :

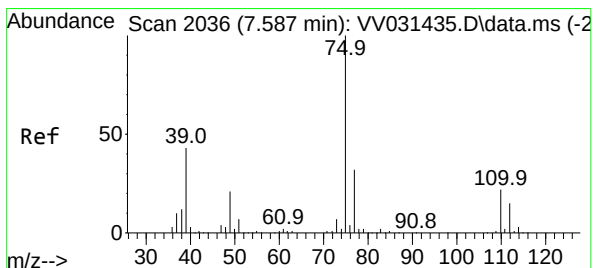
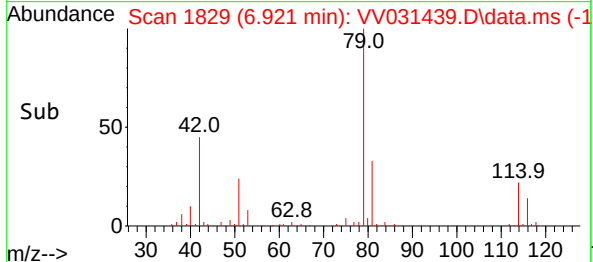
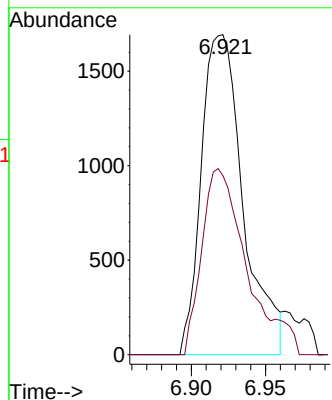
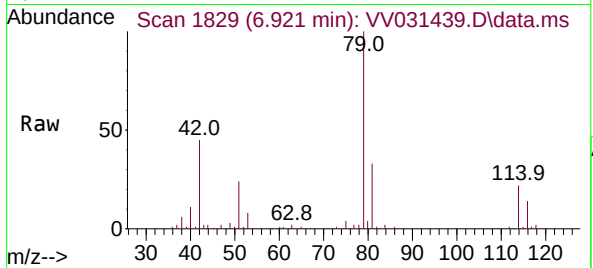
F6C13

Tgt Ion: 75 Resp: 3325

Ion Ratio Lower Upper

75 100

77 55.9 23.2 43.2#



#44

trans-1,3-Dichloropropene

Concen: 0.926 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.025 min

Lab File: VV031439.D

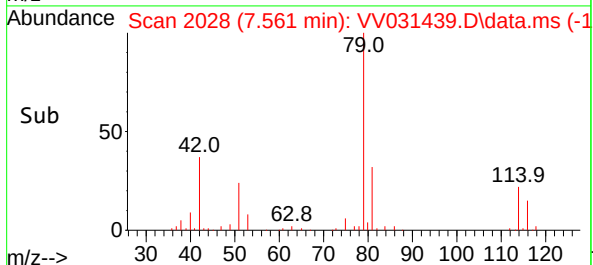
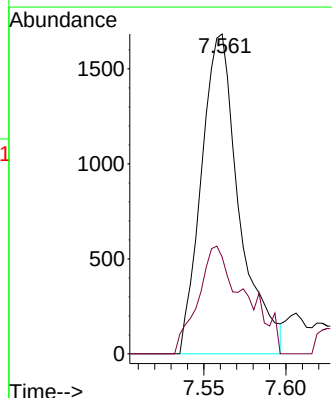
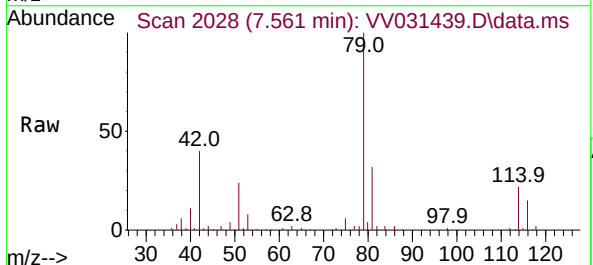
Acq: 08 Jun 2023 11:09

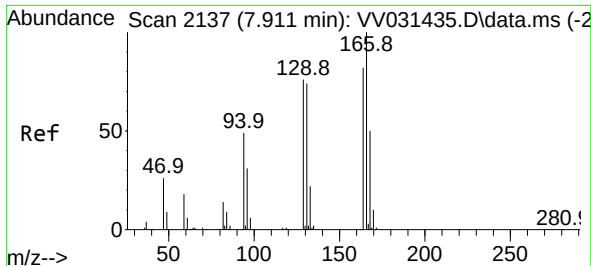
Tgt Ion: 75 Resp: 2705

Ion Ratio Lower Upper

75 100

77 30.3 22.2 41.2





#46

Tetrachloroethene

Concen: 65.048 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VV031439.D

Acq: 08 Jun 2023 11:09

Instrument :

MSVOA_V

ClientSampleId :

F6C13

Tgt Ion:164 Resp: 71221

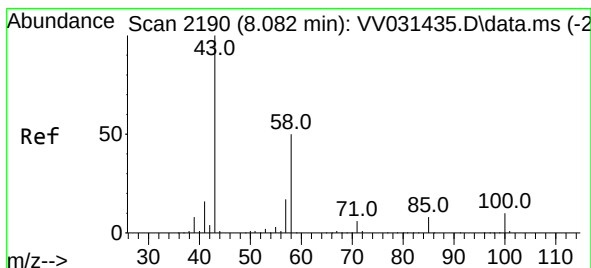
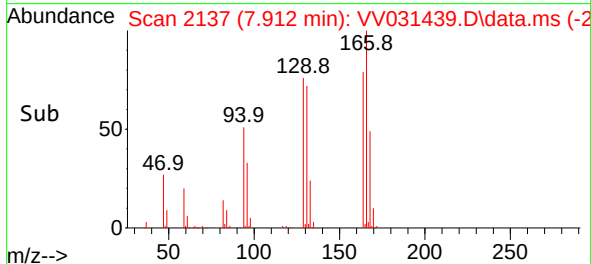
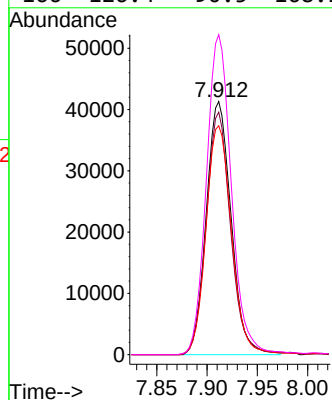
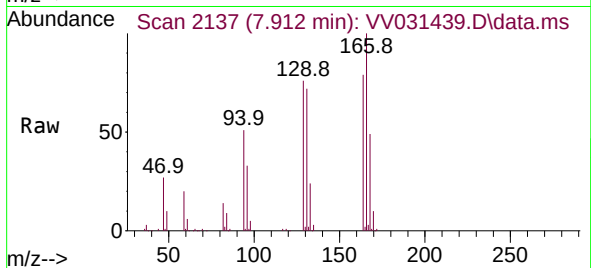
Ion Ratio Lower Upper

164 100

129 95.9 68.0 126.4

131 90.5 65.5 121.7

166 126.4 90.5 168.1



#48

2-Hexanone

Concen: 5.805 ug/L

RT: 8.092 min Scan# 2193

Delta R.T. 0.010 min

Lab File: VV031439.D

Acq: 08 Jun 2023 11:09

Tgt Ion: 43 Resp: 14223

Ion Ratio Lower Upper

43 100

58 44.9 42.9 64.3

57 2.0 14.6 22.0#

100 8.2 8.2 12.2

