

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121322\
 Data File : VW029658.D
 Acq On : 13 Dec 2022 17:59
 Operator : SY/MD
 Sample : N5981-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0ET2

Quant Time: Dec 13 22:53:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 22:49:59 2022
 Response via : Initial Calibration

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

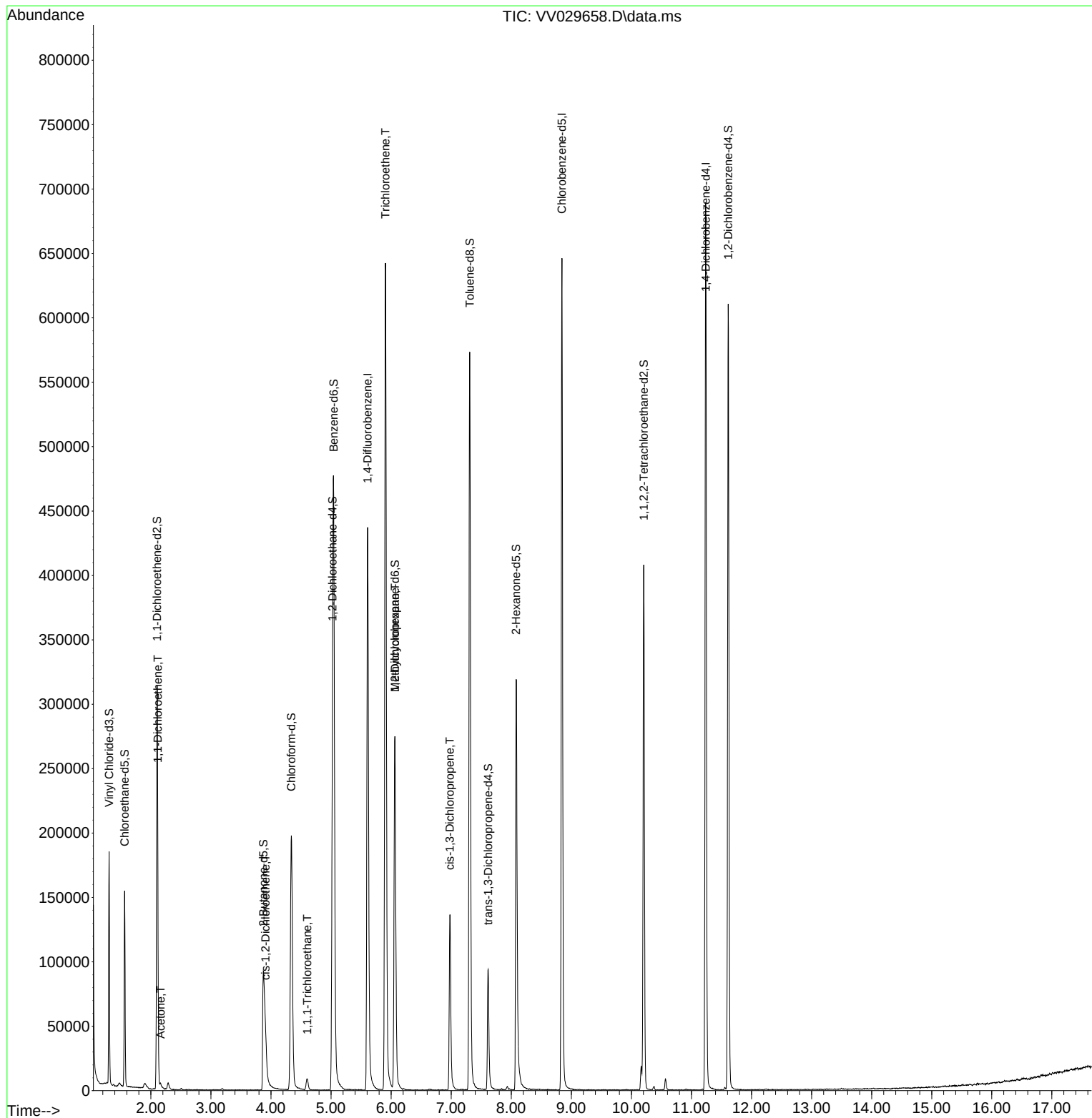
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	404875	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	372735	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	191351	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	112491	45.372	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.740%
7) Chloroethane-d5	1.564	69	96098	50.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.660%
11) 1,1-Dichloroethene-d2	2.105	63	156379	40.439	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.880%
21) 2-Butanone-d5	3.873	46	152311	100.706	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.710%
24) Chloroform-d	4.339	84	216528	46.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.820%
26) 1,2-Dichloroethane-d4	5.024	65	128359	48.171	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.340%
32) Benzene-d6	5.043	84	459448	46.650	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.300%
36) 1,2-Dichloropropane-d6	6.063	67	145441	48.345	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.700%
41) Toluene-d8	7.310	98	402739	43.399	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.616	79	59781	39.352	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.700%
47) 2-Hexanone-d5	8.082	63	123597	96.210	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.210%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	202293	47.056	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.120%
66) 1,2-Dichlorobenzene-d4	11.612	152	164781	45.237	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.480%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	16349	7.554	ug/L #	1
13) Acetone	2.162	43	3022	3.067	ug/L	89
20) cis-1,2-Dichloroethene	3.908	96	16307	5.947	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	7466	1.838	ug/L	99
34) Trichloroethene	5.905	95	234084	88.913	ug/L	99
35) Methylcyclohexane	6.063	83	34285	7.667	ug/L #	21
39) cis-1,3-Dichloropropene	6.979	75	3053	0.732	ug/L #	42

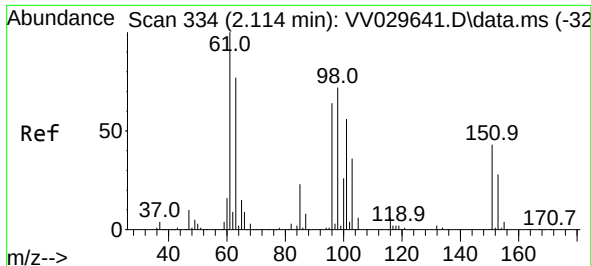
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 13 22:49:59 2022
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#12

1,1-Dichloroethene

Concen: 7.554 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029658.D

Acq: 13 Dec 2022 17:59

Instrument :

MSVOA_V

ClientSampleId :

C0ET2

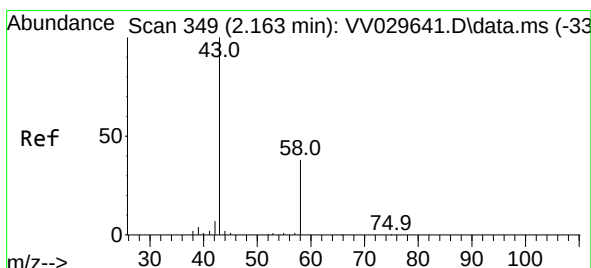
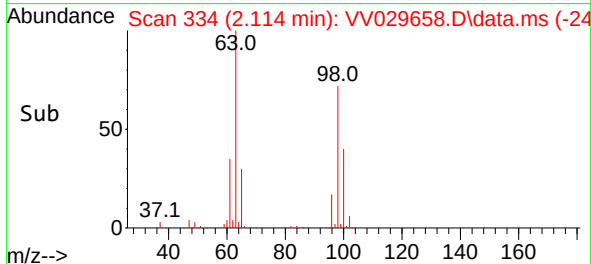
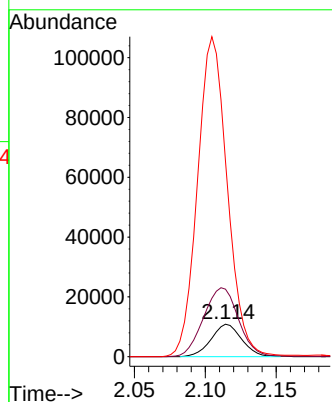
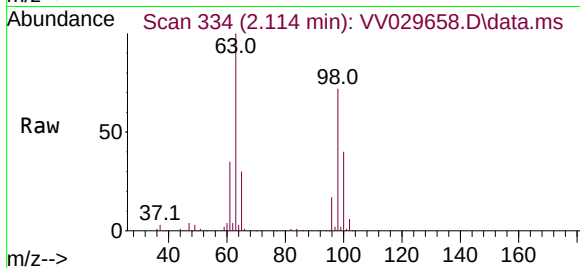
Tgt Ion: 96 Resp: 16349

Ion Ratio Lower Upper

96 100

61 207.5 103.3 191.9#

63 601.2 77.3 143.7#



#13

Acetone

Concen: 3.067 ug/L

RT: 2.162 min Scan# 349

Delta R.T. -0.000 min

Lab File: VV029658.D

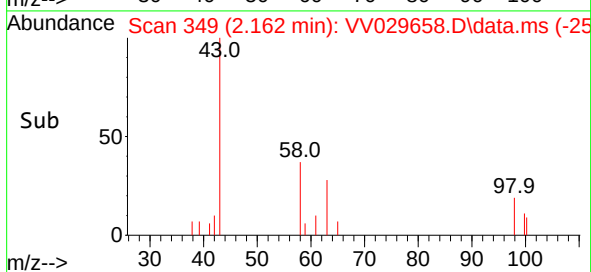
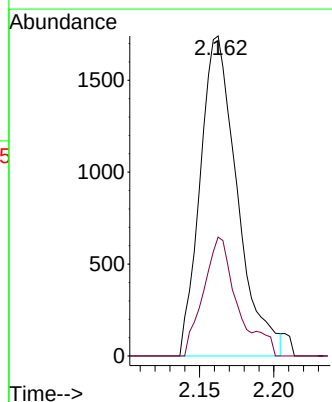
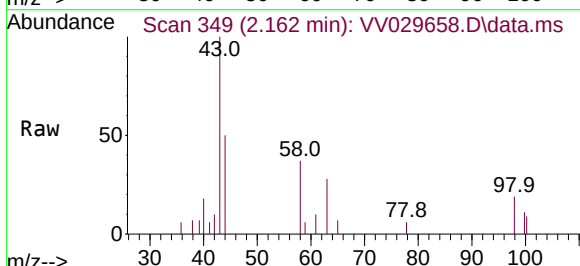
Acq: 13 Dec 2022 17:59

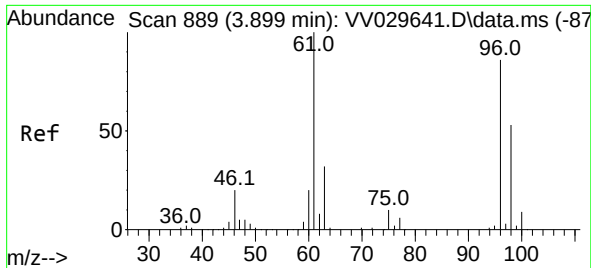
Tgt Ion: 43 Resp: 3022

Ion Ratio Lower Upper

43 100

58 30.9 0.0 74.8

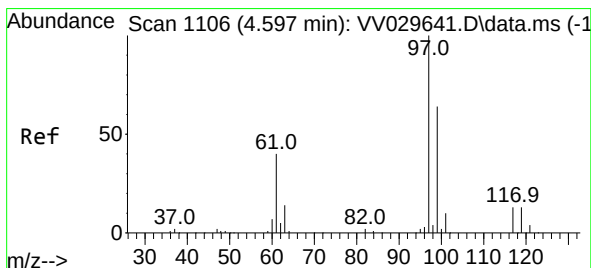
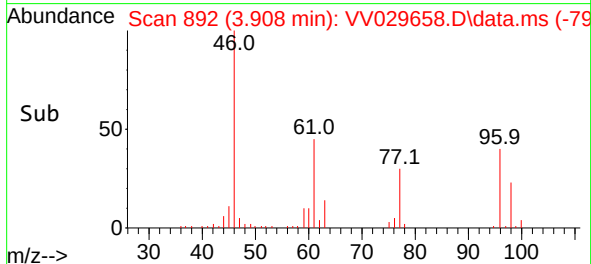
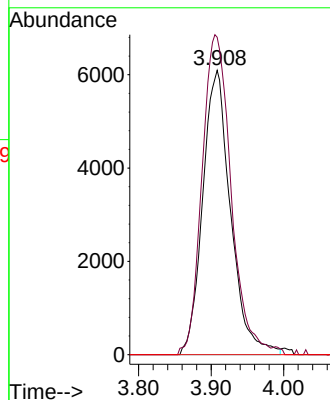
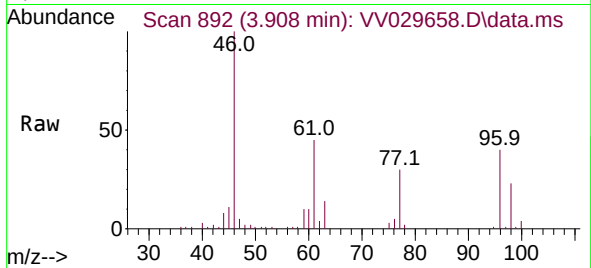




#20
 cis-1,2-Dichloroethene
 Concen: 5.947 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.009 min
 Lab File: VV029658.D
 Acq: 13 Dec 2022 17:59

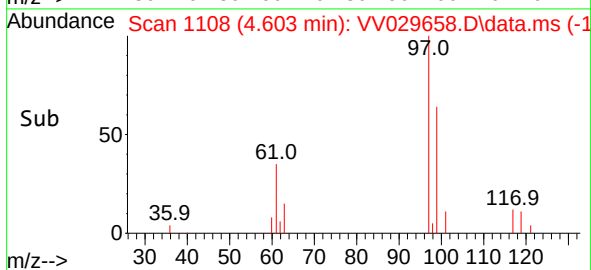
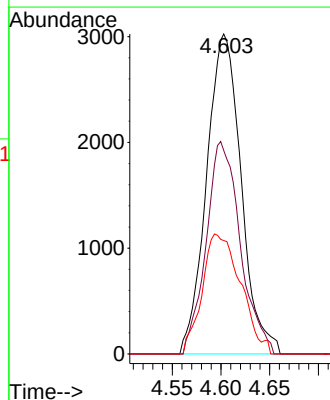
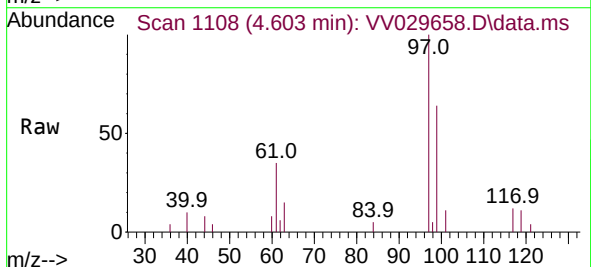
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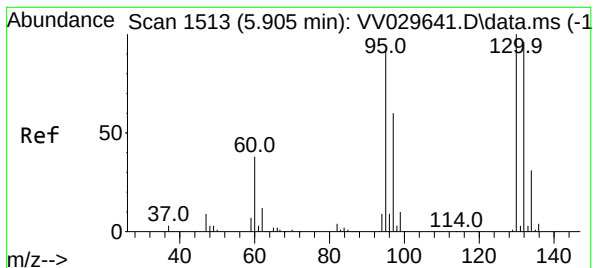
Tgt Ion: 96 Resp: 16307
 Ion Ratio Lower Upper
 96 100
 61 111.6 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.838 ug/L
 RT: 4.603 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: VV029658.D
 Acq: 13 Dec 2022 17:59

Tgt Ion: 97 Resp: 7466
 Ion Ratio Lower Upper
 97 100
 99 65.5 52.1 78.1
 61 41.0 31.8 47.8





#34

Trichloroethene

Concen: 88.913 ug/L

RT: 5.905 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV029658.D

Acq: 13 Dec 2022 17:59

Instrument :

MSVOA_V

ClientSampleId :

C0ET2

Tgt Ion: 95 Resp: 234084

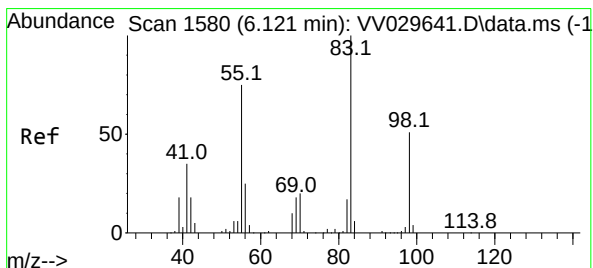
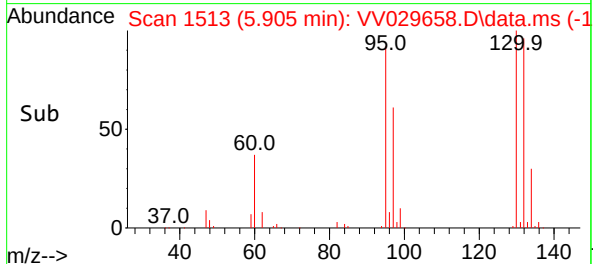
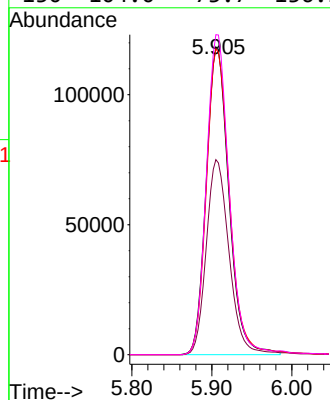
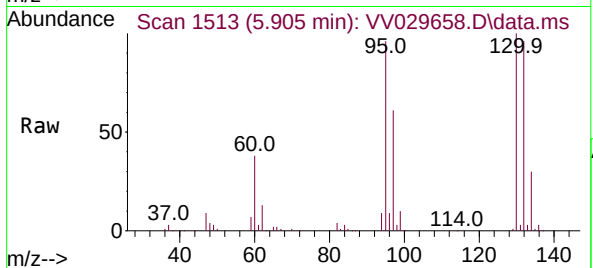
Ion Ratio Lower Upper

95 100

97 63.4 44.0 81.8

132 99.3 69.9 129.9

130 104.0 73.7 136.9



#35

Methylcyclohexane

Concen: 7.667 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029658.D

Acq: 13 Dec 2022 17:59

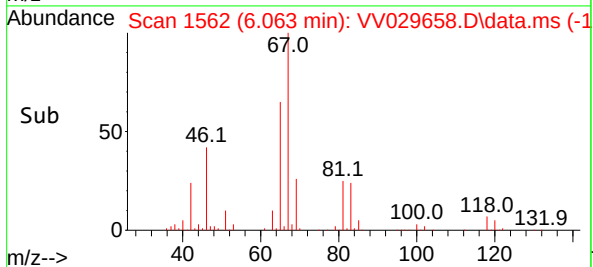
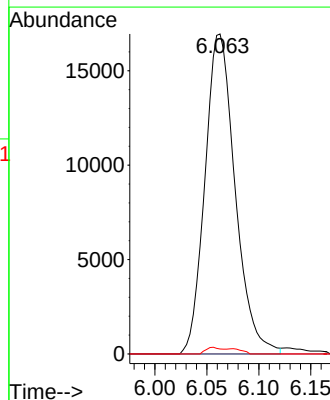
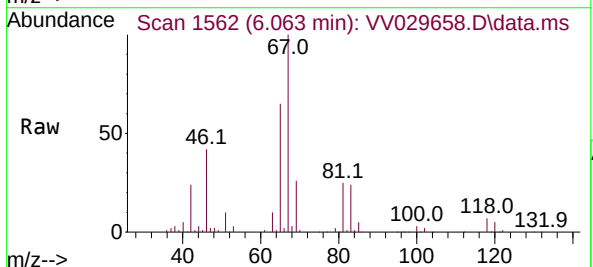
Tgt Ion: 83 Resp: 34285

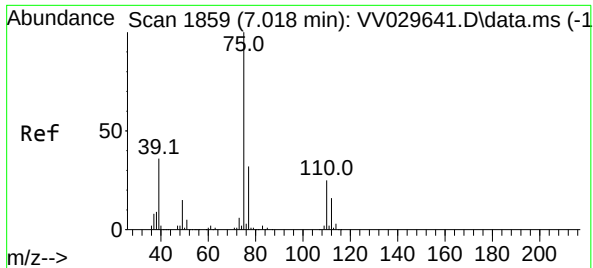
Ion Ratio Lower Upper

83 100

55 0.0 55.5 83.3#

98 1.1 39.8 59.8#





#39

cis-1,3-Dichloropropene

Concen: 0.732 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV029658.D

Acq: 13 Dec 2022 17:59

Instrument :

MSVOA_V

ClientSampleId :

C0ET2

Tgt Ion: 75 Resp: 3053

Ion Ratio Lower Upper

75 100

77 63.6 21.9 40.7#

