

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120623\
 Data File : VW033121.D
 Acq On : 06 Dec 2023 17:03
 Operator : SY/MD
 Sample : 05644-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 07 03:46:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 01:18:11 2023
 Response via : Initial Calibration

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

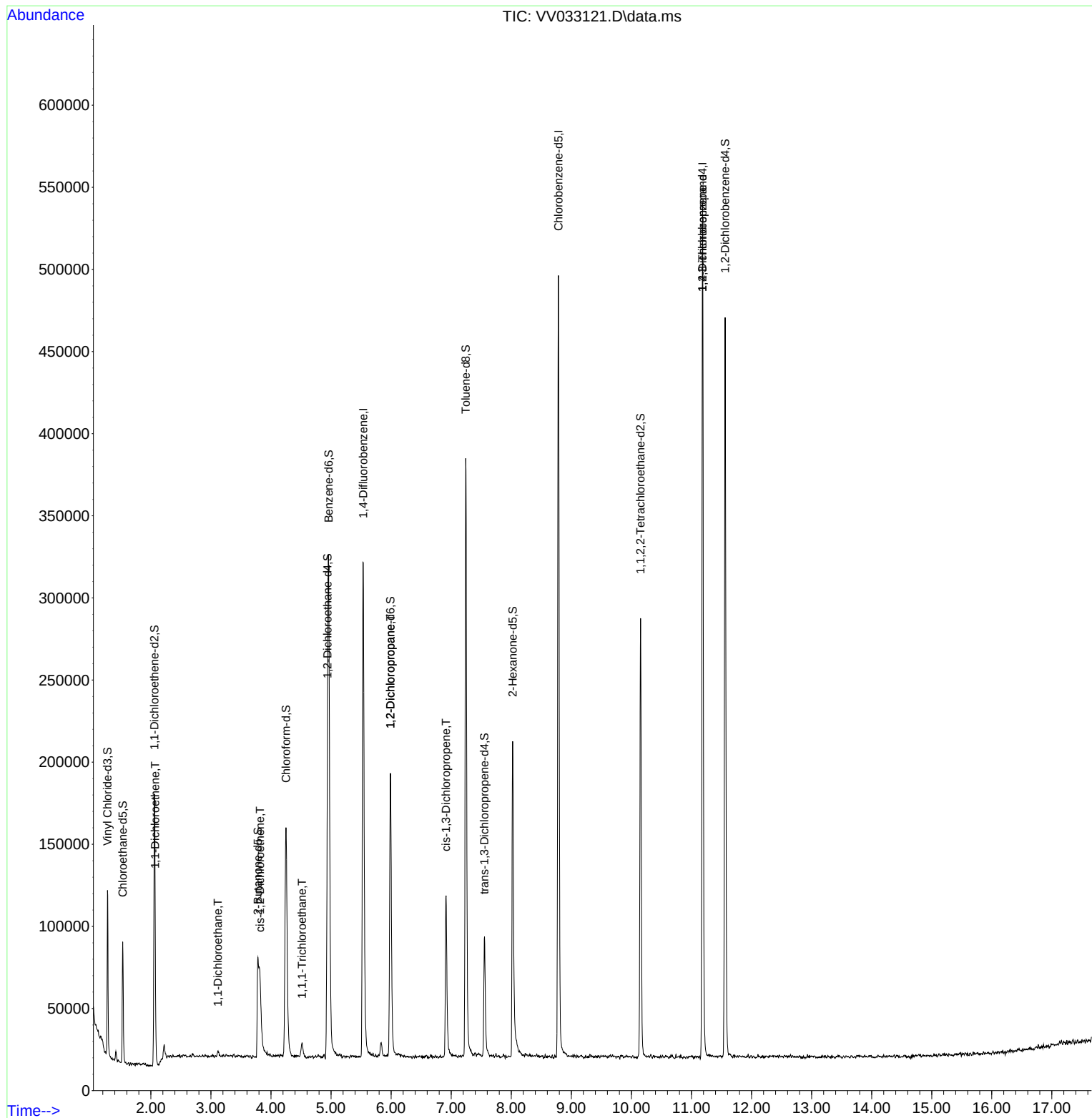
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	279513	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	279220	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	145780	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	61674	36.910	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.820%
7) Chloroethane-d5	1.532	69	46693	40.106	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.220%
11) 1,1-Dichloroethene-d2	2.060	65	25124	39.524	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.040%
21) 2-Butanone-d5	3.780	46	82643	99.580	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.580%
24) Chloroform-d	4.249	84	152220	42.927	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.860%
26) 1,2-Dichloroethane-d4	4.941	65	99349	45.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.120%
32) Benzene-d6	4.960	84	274240	41.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.980%
36) 1,2-Dichloropropane-d6	5.989	67	78139	44.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.000%
41) Toluene-d8	7.243	98	249316	40.021	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.040%
43) trans-1,3-Dichloroprop...	7.551	79	43478	39.159	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.320%
47) 2-Hexanone-d5	8.024	63	67550	95.763	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.760%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	115847	46.413	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.820%
66) 1,2-Dichlorobenzene-d4	11.561	152	121082	46.682	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.360%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.073	96	7223	5.154	ug/L #	1
19) 1,1-Dichloroethane	3.118	63	3200	1.051	ug/L #	91
20) cis-1,2-Dichloroethene	3.818	96	20276	10.386	ug/L	94
30) 1,1,1-Trichloroethane	4.516	97	7014	2.033	ug/L #	82
37) 1,2-Dichloropropane	5.989	63	9870	6.027	ug/L #	83
39) cis-1,3-Dichloropropene	6.915	75	2971	1.000	ug/L #	65
61) 1,2,3-Trichloropropane	11.185	75	12936	7.116	ug/L #	58

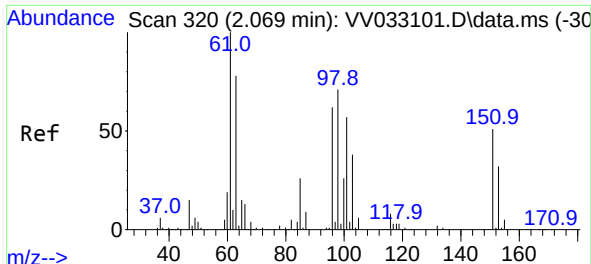
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.154 ug/L

RT: 2.073 min Scan# 31

Delta R.T. 0.003 min

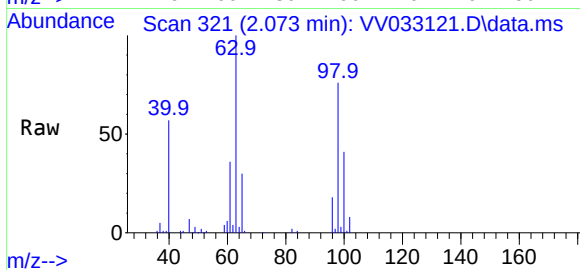
Lab File: VV033121.D

Acq: 06 Dec 2023 17:03

Instrument :

MSVOA_V

ClientSampleId :



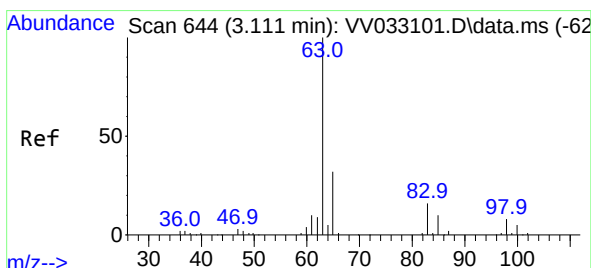
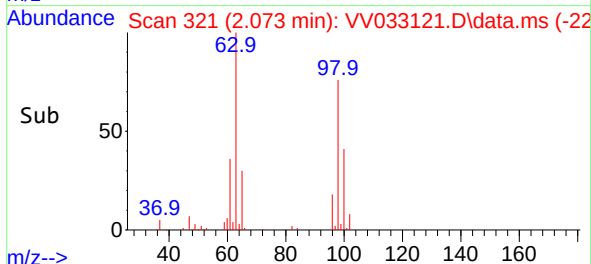
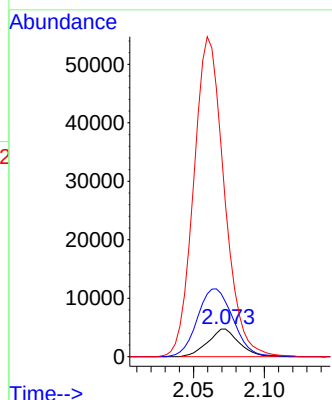
Tgt Ion: 96 Resp: 7223

Ion Ratio Lower Upper

96 100

61 197.8 109.1 202.7

63 549.2 85.3 158.3#



#19

1,1-Dichloroethane

Concen: 1.051 ug/L

RT: 3.118 min Scan# 646

Delta R.T. 0.010 min

Lab File: VV033121.D

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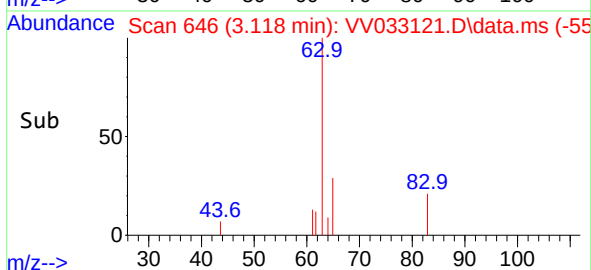
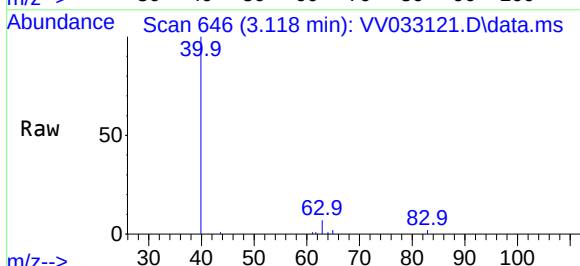
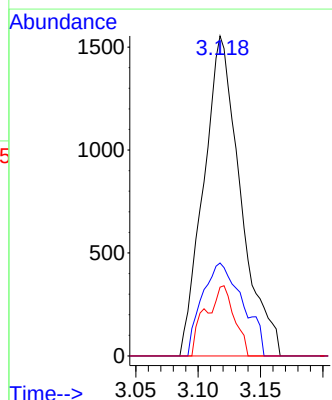
Tgt Ion: 63 Resp: 3200

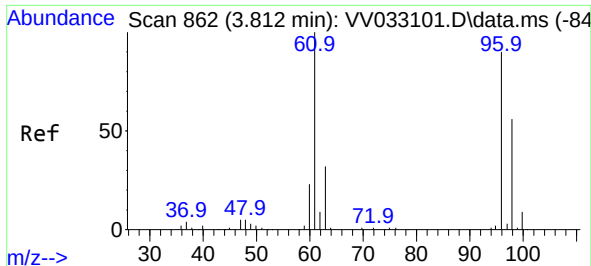
Ion Ratio Lower Upper

63 100

65 29.0 23.0 42.6

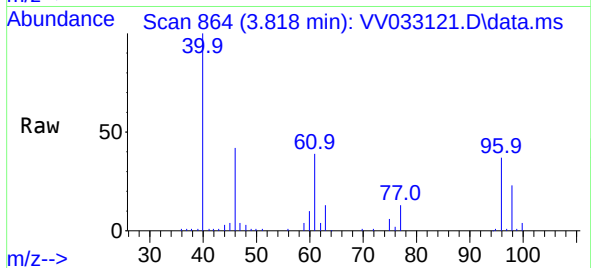
83 21.5 11.4 21.2#



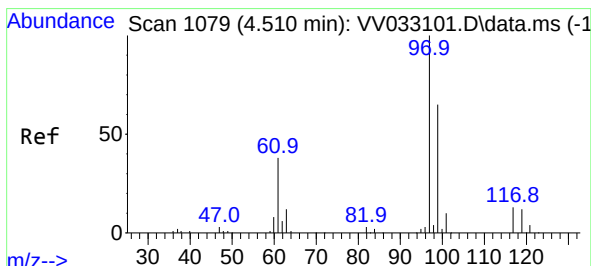
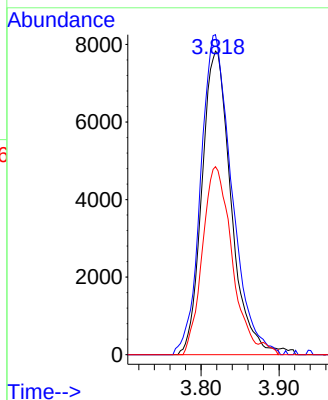
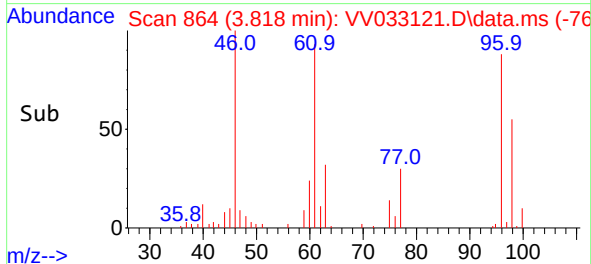


#20
 cis-1,2-Dichloroethene
 Concen: 10.386 ug/L
 RT: 3.818 min Scan# 862
 Delta R.T. 0.007 min
 Lab File: VV033121.D
 Acq: 06 Dec 2023 17:03

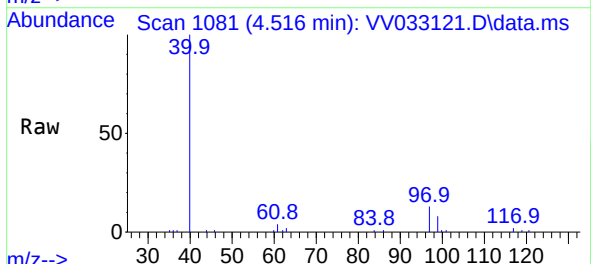
Instrument :
 MSVOA_V
 ClientSampleId :



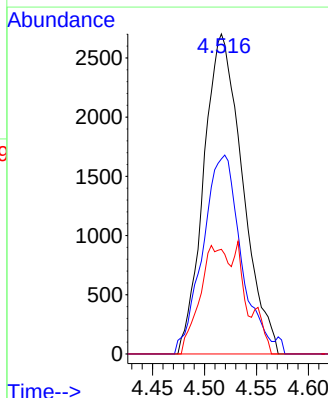
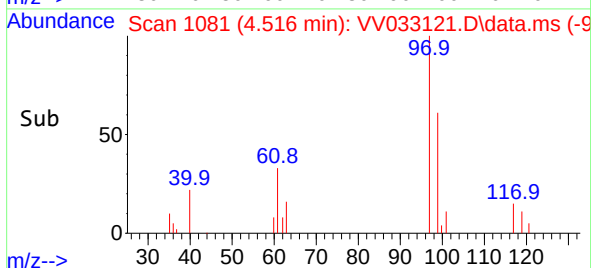
Tgt Ion: 96 Resp: 20276
 Ion Ratio Lower Upper
 96 100
 61 105.4 79.1 146.9
 98 61.9 45.1 83.7

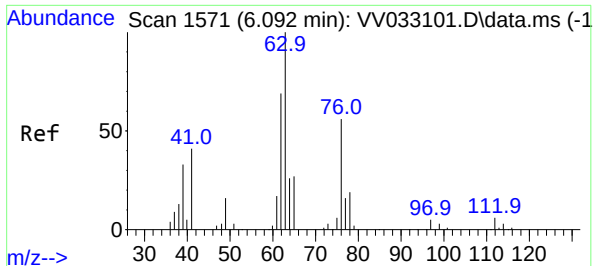


#30
 1,1,1-Trichloroethane
 Concen: 2.033 ug/L
 RT: 4.516 min Scan# 1081
 Delta R.T. 0.007 min
 Lab File: VV033121.D
 Acq: 06 Dec 2023 17:03



Tgt Ion: 97 Resp: 7014
 Ion Ratio Lower Upper
 97 100
 99 61.1 51.3 76.9
 61 14.2 31.8 47.8#

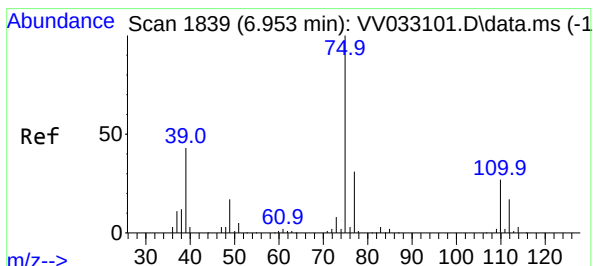
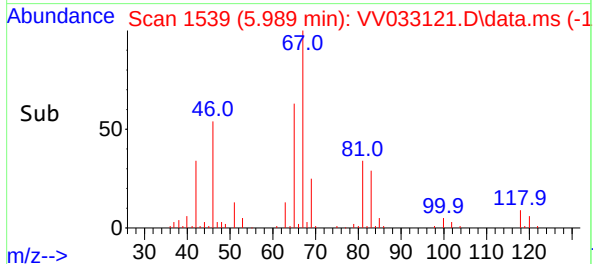
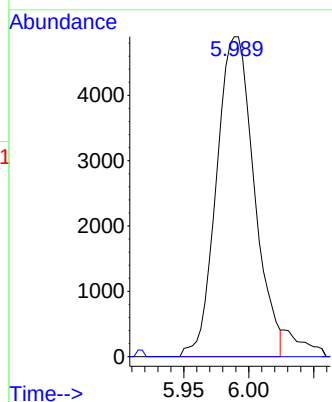
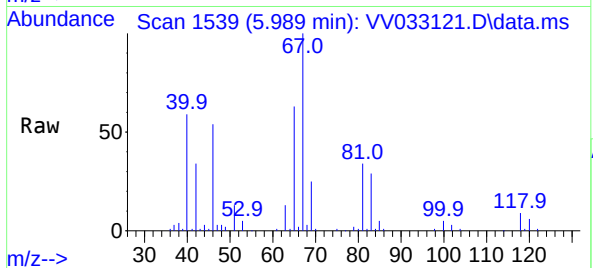




#37
1,2-Dichloropropane
Concen: 6.027 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV033121.D
Acq: 06 Dec 2023 17:03

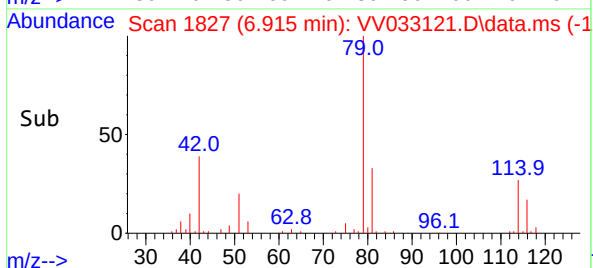
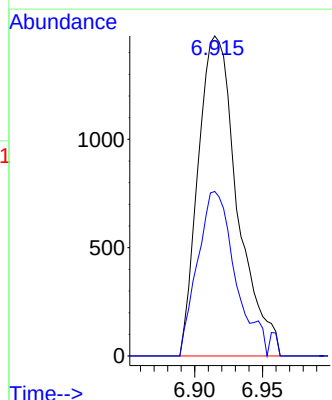
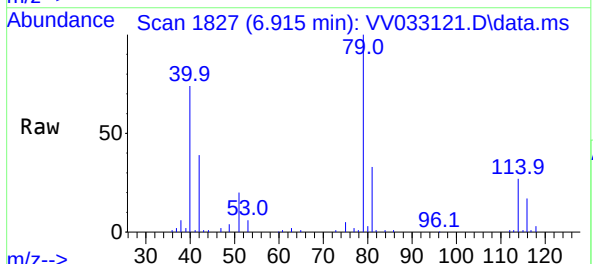
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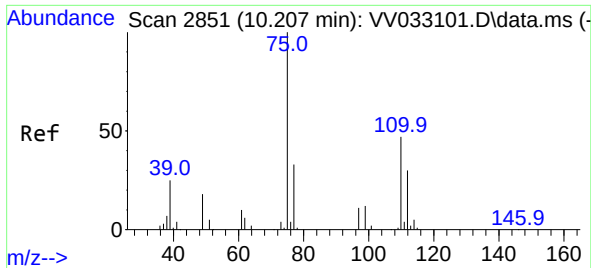
Tgt Ion: 63 Resp: 9870
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#



#39
cis-1,3-Dichloropropene
Concen: 1.000 ug/L
RT: 6.915 min Scan# 1827
Delta R.T. -0.035 min
Lab File: VV033121.D
Acq: 06 Dec 2023 17:03

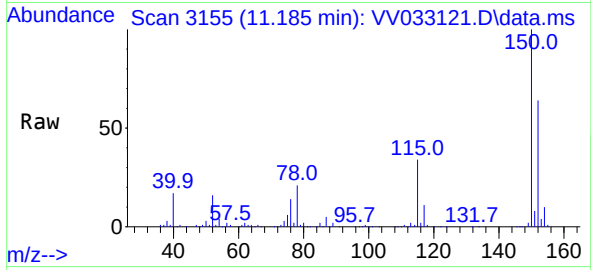
Tgt Ion: 75 Resp: 2971
Ion Ratio Lower Upper
75 100
77 51.4 22.4 41.6#





#61
 1,2,3-Trichloropropane
 Concen: 7.116 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV033121.D
 Acq: 06 Dec 2023 17:03

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	12936
Ion	Ratio	Lower Upper
75	100	
77	38.7	27.0 40.6
110	3.4	38.1 57.1#

