

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120623\
 Data File : VW033117.D
 Acq On : 06 Dec 2023 15:30
 Operator : SY/MD
 Sample : 05644-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 07 03:45:17 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)

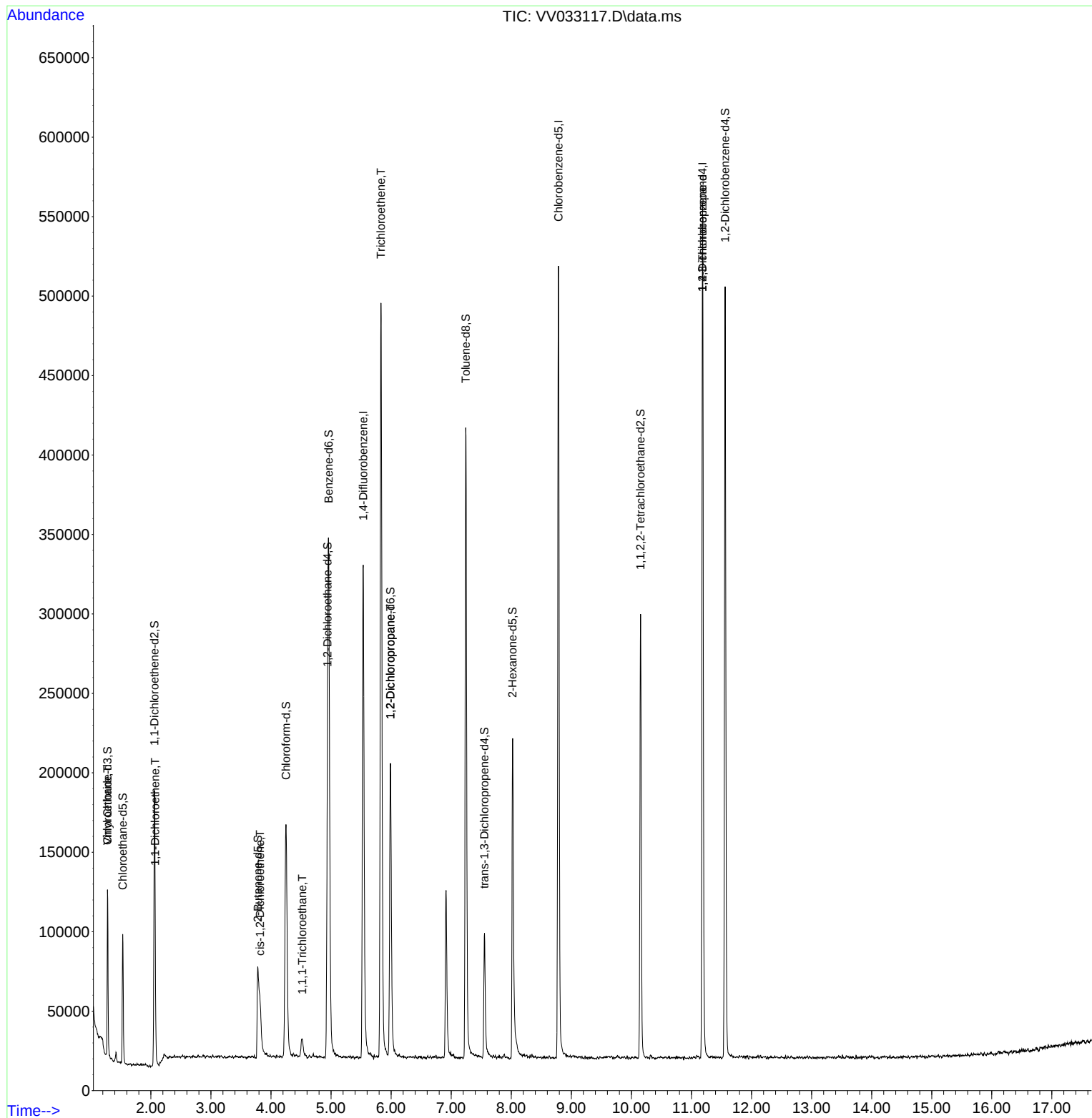
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	288908	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	286776	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	149474	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64738	37.484	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.960%
7) Chloroethane-d5	1.532	69	51077	42.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.880%
11) 1,1-Dichloroethene-d2	2.059	65	27240	41.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.920%
21) 2-Butanone-d5	3.780	46	84099	98.039	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.040%
24) Chloroform-d	4.249	84	159791	43.597	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	4.940	65	105568	46.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.660%
32) Benzene-d6	4.960	84	299046	44.587	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.180%
36) 1,2-Dichloropropane-d6	5.989	67	83848	46.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.000%
41) Toluene-d8	7.243	98	271782	42.478	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.960%
43) trans-1,3-Dichloroprop...	7.554	79	45396	39.809	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.620%
47) 2-Hexanone-d5	8.021	63	67547	93.236	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.240%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	121707	47.476	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.960%
66) 1,2-Dichlorobenzene-d4	11.561	152	129344	48.635	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.260%
Target Compounds						
					Qvalue	
8) Chloroethane	1.278	64	970	0.912	ug/L #	1
12) 1,1-Dichloroethene	2.072	96	6569	4.535	ug/L #	1
20) cis-1,2-Dichloroethene	3.818	96	12076	5.984	ug/L	95
30) 1,1,1-Trichloroethane	4.519	97	10264	2.896	ug/L	97
34) Trichloroethene	5.831	95	158320	72.922	ug/L	97
37) 1,2-Dichloropropane	5.989	63	10146	6.033	ug/L #	83
61) 1,2,3-Trichloropropane	11.185	75	13787	7.397	ug/L #	58

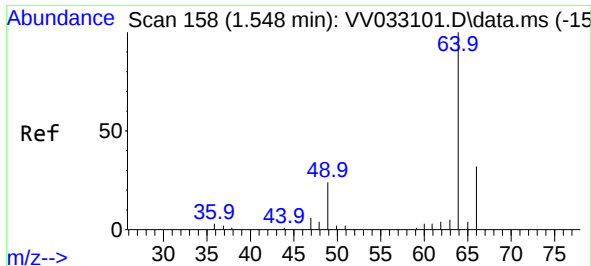
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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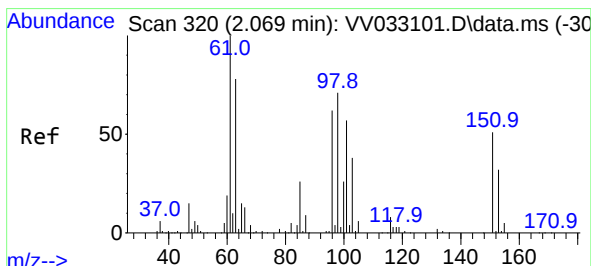
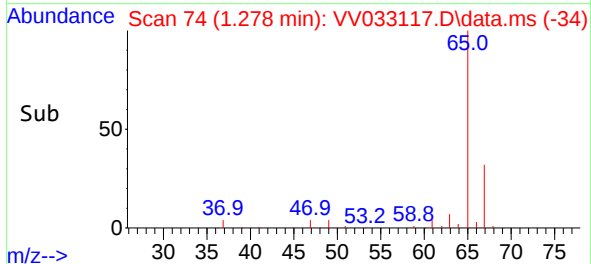
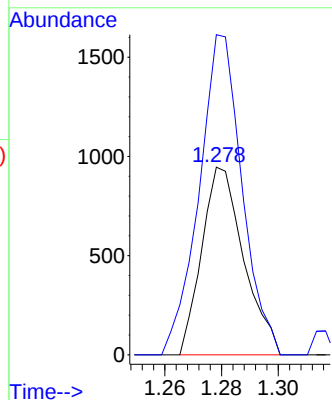
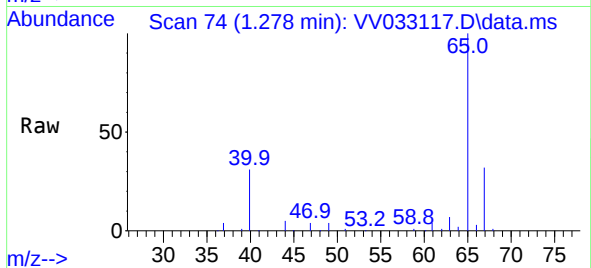




#8
Chloroethane
Concen: 0.912 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.270 min
Lab File: VV033117.D
Acq: 06 Dec 2023 15:30

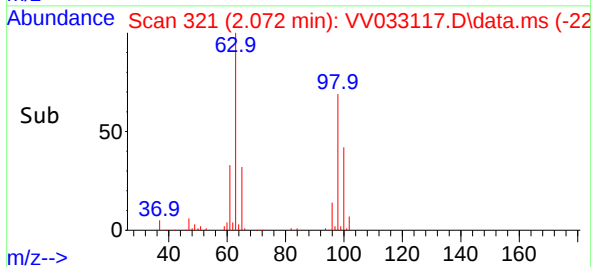
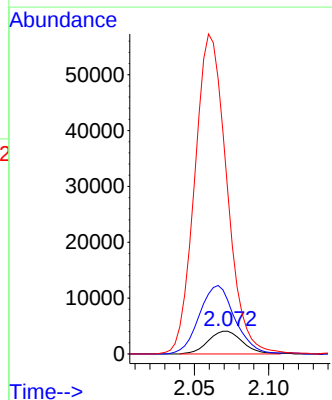
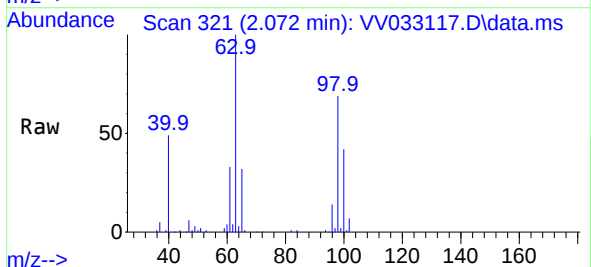
Instrument :
MSVOA_V
ClientSampleId :

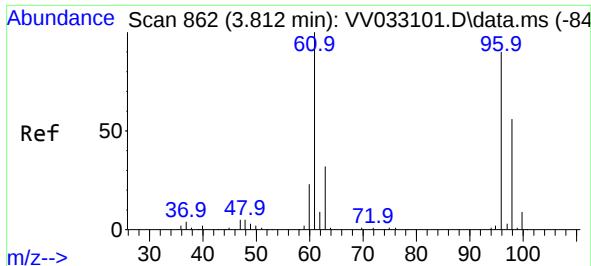
Tgt Ion: 64 Resp: 970
Ion Ratio Lower Upper
64 100
66 170.6 22.3 41.5#



#12
1,1-Dichloroethene
Concen: 4.535 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV033117.D
Acq: 06 Dec 2023 15:30

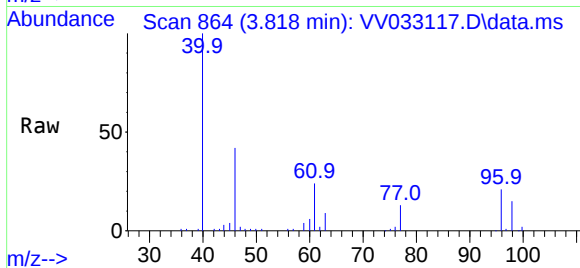
Tgt Ion: 96 Resp: 6569
Ion Ratio Lower Upper
96 100
61 235.8 109.1 202.7#
63 717.4 85.3 158.3#



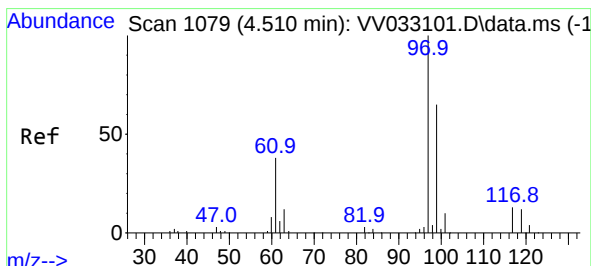
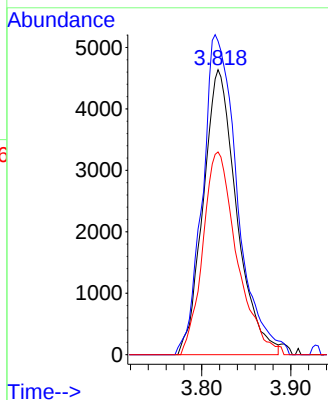
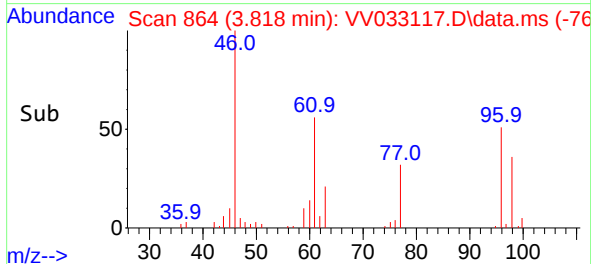


#20
cis-1,2-Dichloroethene
Concen: 5.984 ug/L
RT: 3.818 min Scan# 80
Delta R.T. 0.006 min
Lab File: VV033117.D
Acq: 06 Dec 2023 15:30

Instrument :
MSVOA_V
ClientSampleId :

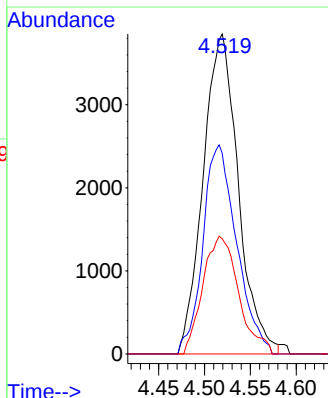
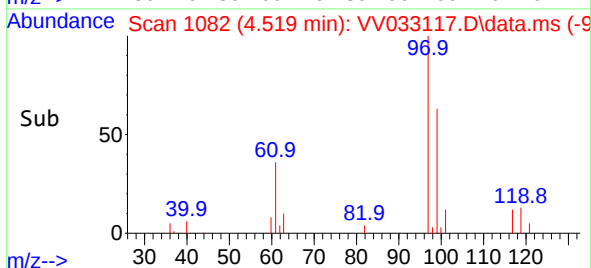
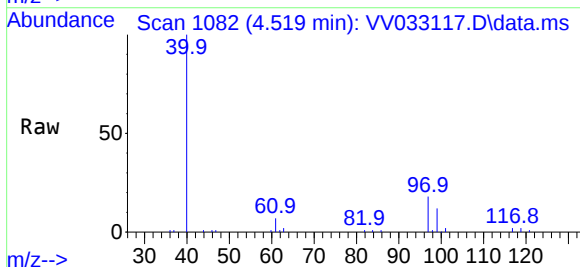


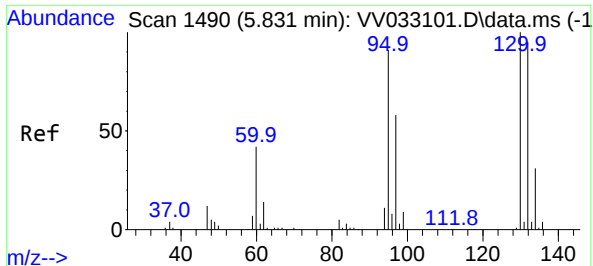
Tgt Ion: 96 Resp: 12076
Ion Ratio Lower Upper
96 100
61 110.0 79.1 146.9
98 71.1 45.1 83.7



#30
1,1,1-Trichloroethane
Concen: 2.896 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. 0.010 min
Lab File: VV033117.D
Acq: 06 Dec 2023 15:30

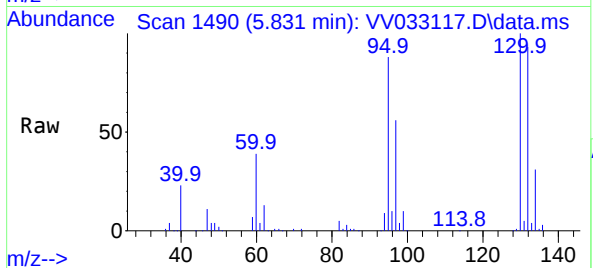
Tgt Ion: 97 Resp: 10264
Ion Ratio Lower Upper
97 100
99 62.8 51.3 76.9
61 37.4 31.8 47.8



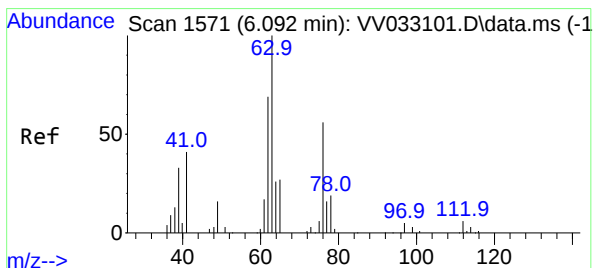
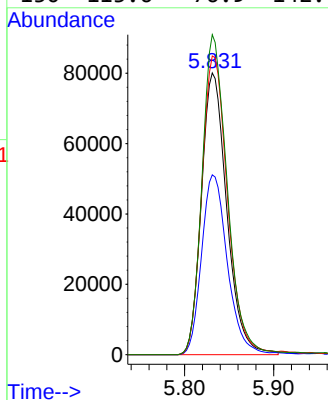
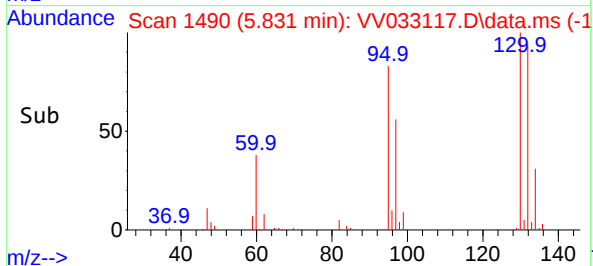


#34
Trichloroethene
Concen: 72.922 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033117.D
Acq: 06 Dec 2023 15:30

Instrument :
MSVOA_V
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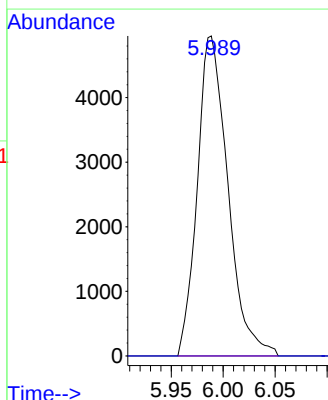
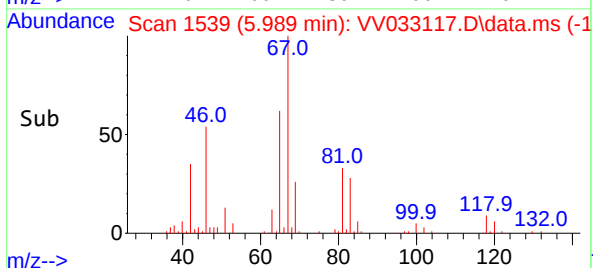
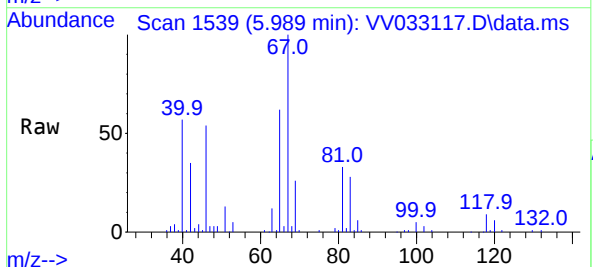


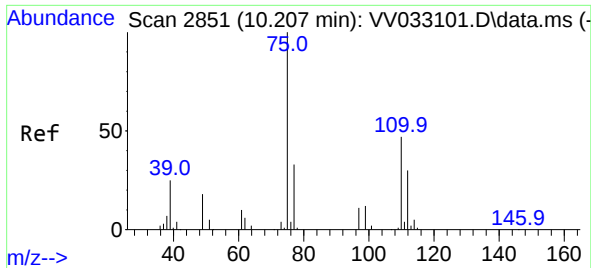
Tgt Ion: 95 Resp: 158320
Ion Ratio Lower Upper
95 100
97 63.8 45.8 85.0
132 106.0 77.4 143.8
130 113.6 76.9 142.7



#37
1,2-Dichloropropane
Concen: 6.033 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV033117.D
Acq: 06 Dec 2023 15:30

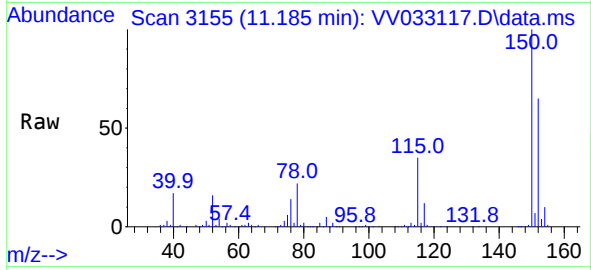
Tgt Ion: 63 Resp: 10146
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#61
1,2,3-Trichloropropane
Concen: 7.397 ug/L
RT: 11.185 min Scan# 31
Delta R.T. 0.977 min
Lab File: VV033117.D
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Instrument :
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ClientSampleId :



Tgt Ion: 75	Resp: 13787
Ion Ratio	Lower Upper
75	100
77	38.6 27.0 40.6
110	3.3 38.1 57.1#

