

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012324\
 Data File : VW033818.D
 Acq On : 23 Jan 2024 10:26
 Operator : SY/MD
 Sample : P1189-24
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 24 02:01:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 24 02:00:55 2024
 Response via : Initial Calibration

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

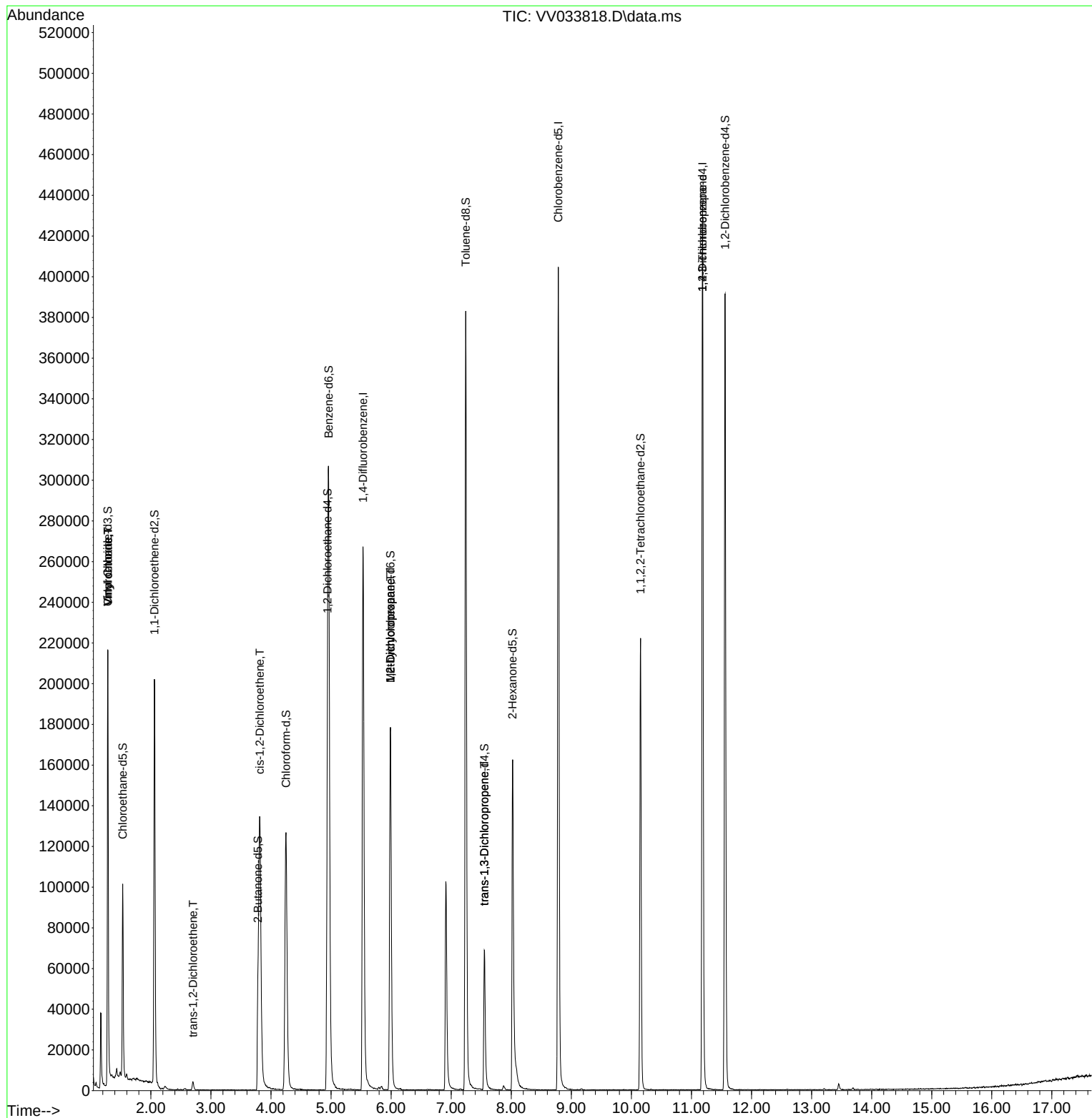
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	229118	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	214699	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	108679	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	69971	39.736	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.480%
7) Chloroethane-d5	1.532	69	60504	43.388	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.780%
11) 1,1-Dichloroethene-d2	2.060	65	33686	44.451	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.900%
21) 2-Butanone-d5	3.783	46	78124	64.683	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.680%
24) Chloroform-d	4.249	84	136217	43.262	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.520%
26) 1,2-Dichloroethane-d4	4.941	65	93014	45.720	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.440%
32) Benzene-d6	4.960	84	269856	44.212	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.420%
36) 1,2-Dichloropropane-d6	5.989	67	83134	41.378	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.760%
41) Toluene-d8	7.243	98	251227	45.682	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.360%
43) trans-1,3-Dichloroprop...	7.551	79	40582	40.869	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.740%
47) 2-Hexanone-d5	8.021	63	56697	68.031	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.030%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	103834	40.482	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.960%
66) 1,2-Dichlorobenzene-d4	11.561	152	98066	47.560	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.120%
Target Compounds						
5) Vinyl chloride	1.285	62	75258	36.295	ug/L	99
8) Chloroethane	1.285	64	31377	25.377	ug/L #	53
17) trans-1,2-Dichloroethene	2.703	96	1612	1.049	ug/L	93
20) cis-1,2-Dichloroethene	3.815	96	67560	39.520	ug/L	95
35) Methylcyclohexane	5.989	83	20327	7.022	ug/L #	16
37) 1,2-Dichloropropane	5.989	63	10120	5.832	ug/L #	88
44) trans-1,3-Dichloropropene	7.551	75	2047	0.767	ug/L #	77
61) 1,2,3-Trichloropropane	11.185	75	13443	6.970	ug/L #	67

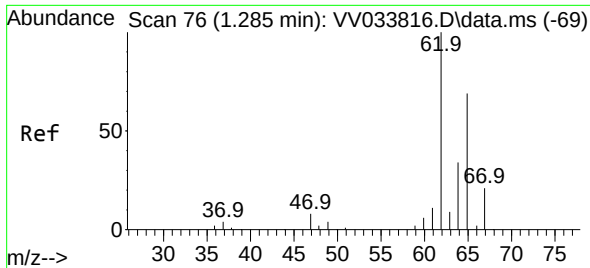
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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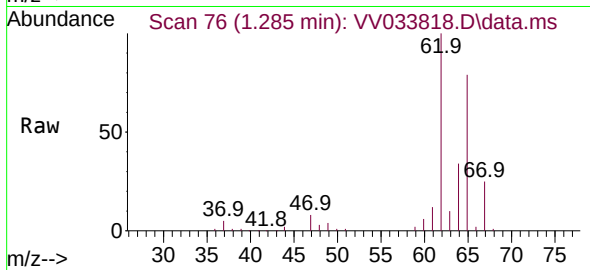
Quant Time: Jan 24 02:01:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 24 02:00:55 2024
Response via : Initial Calibration



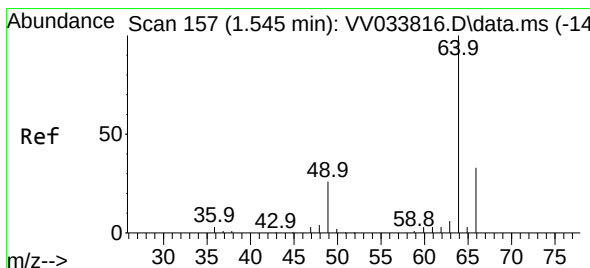
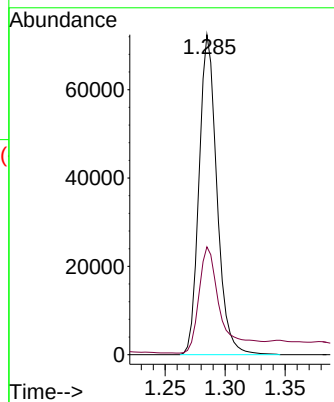
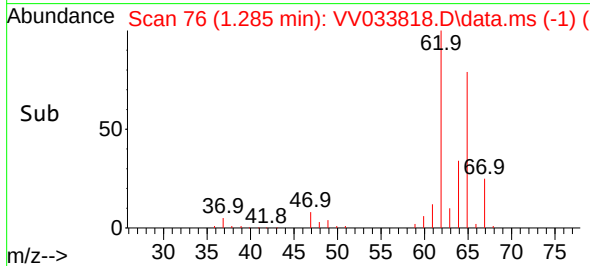


#5
 Vinyl chloride
 Concen: 36.295 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV033818.D
 Acq: 23 Jan 2024 10:26

Instrument :
 MSVOA_V
 ClientSampleId :

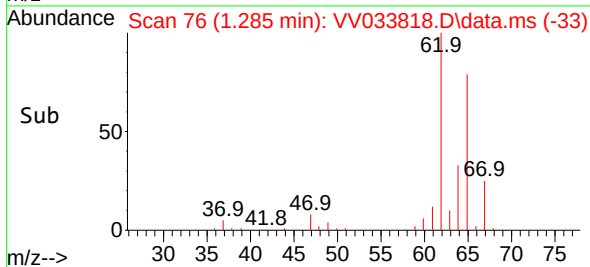
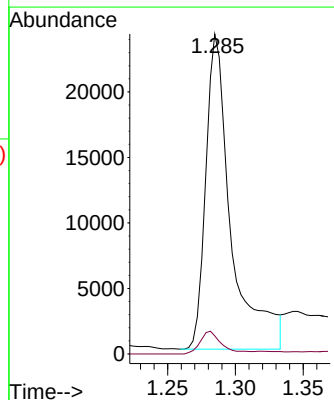
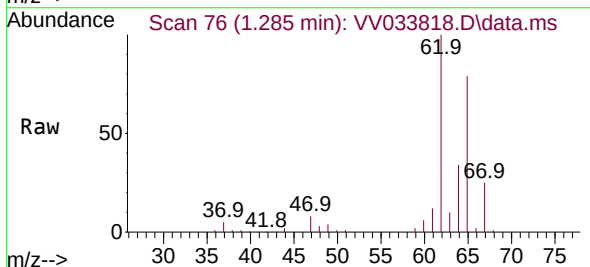


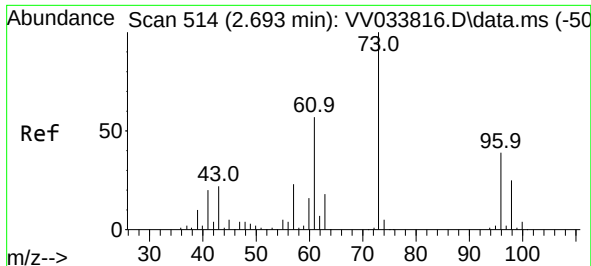
Tgt Ion: 62 Resp: 75258
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.2 43.0



#8
 Chloroethane
 Concen: 25.377 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.260 min
 Lab File: VV033818.D
 Acq: 23 Jan 2024 10:26

Tgt Ion: 64 Resp: 31377
 Ion Ratio Lower Upper
 64 100
 66 5.7 22.5 41.9#





#17

trans-1,2-Dichloroethene

Concen: 1.049 ug/L

RT: 2.703 min Scan# 514

Delta R.T. 0.010 min

Lab File: VV033818.D

Acq: 23 Jan 2024 10:26

Instrument :

MSVOA_V

ClientSampleId :

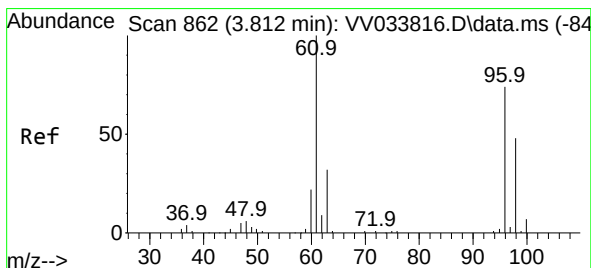
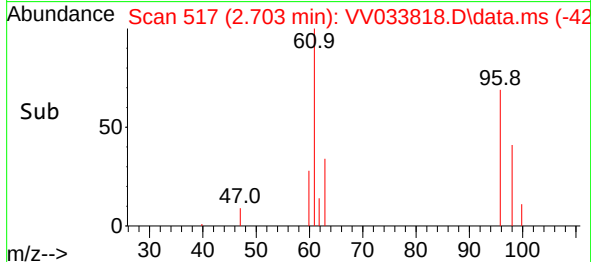
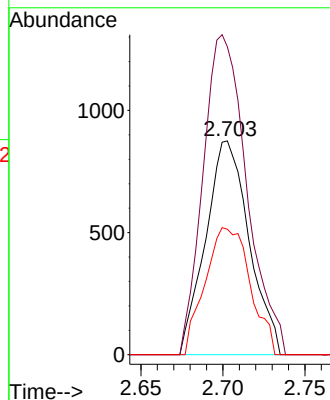
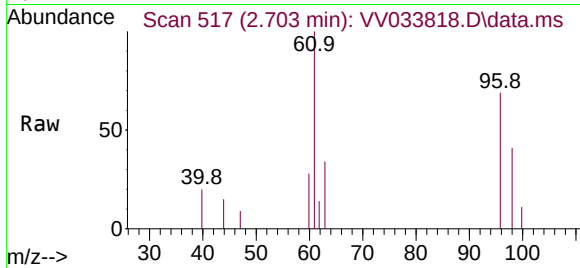
Tgt Ion: 96 Resp: 1612

Ion Ratio Lower Upper

96 100

61 144.0 108.4 201.4

98 58.7 43.8 81.4



#20

cis-1,2-Dichloroethene

Concen: 39.520 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV033818.D

Acq: 23 Jan 2024 10:26

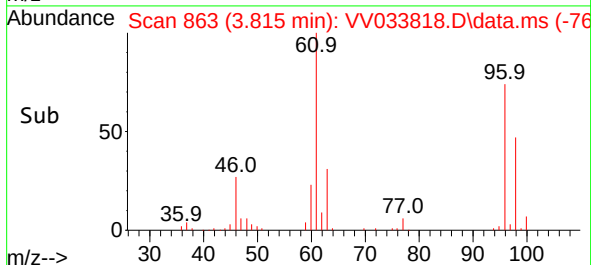
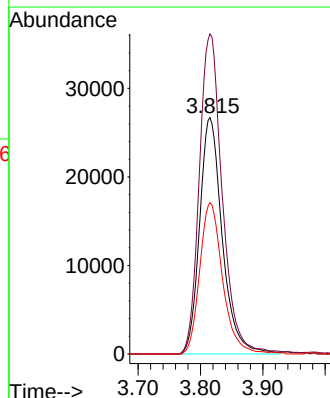
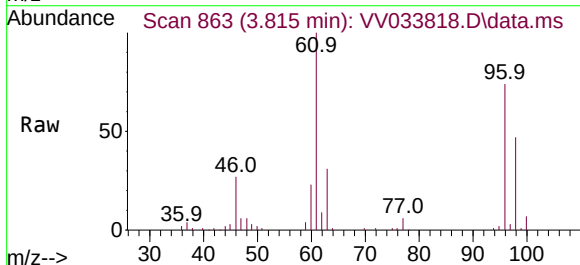
Tgt Ion: 96 Resp: 67560

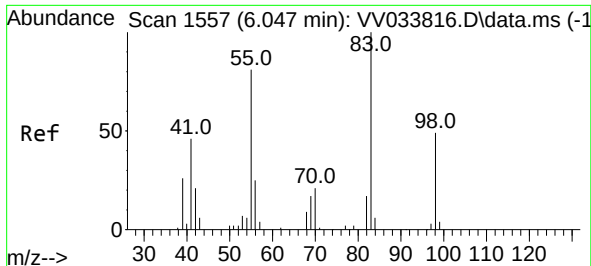
Ion Ratio Lower Upper

96 100

61 135.4 100.6 186.8

98 64.1 44.6 82.8





#35

Methylcyclohexane

Concen: 7.022 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV033818.D

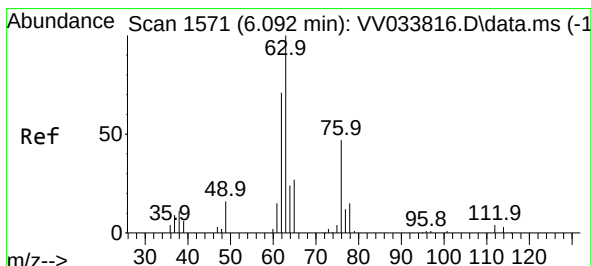
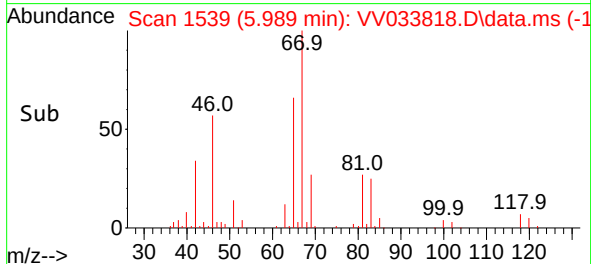
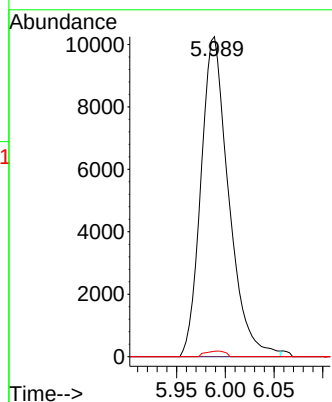
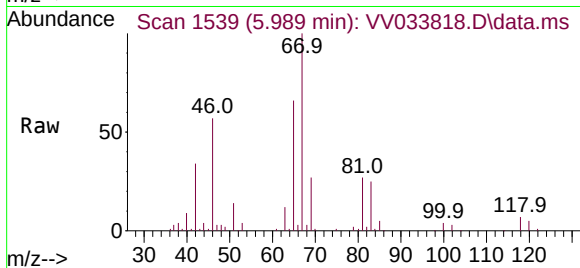
Acq: 23 Jan 2024 10:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 20327
Ion Ratio	Lower Upper
83 100	
55 0.0	67.1 100.7#
98 1.2	37.7 56.5#



#37

1,2-Dichloropropane

Concen: 5.832 ug/L

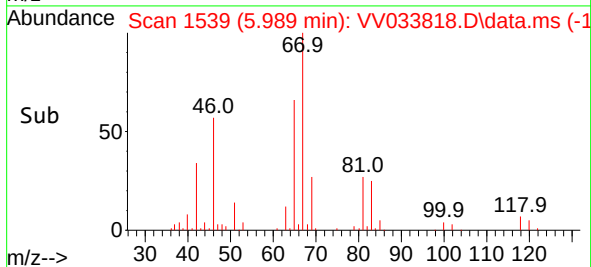
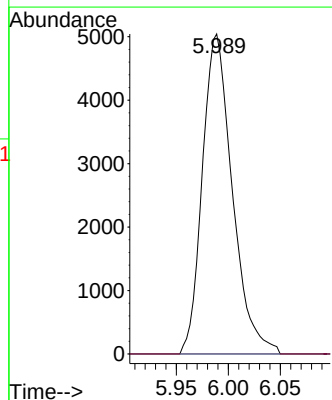
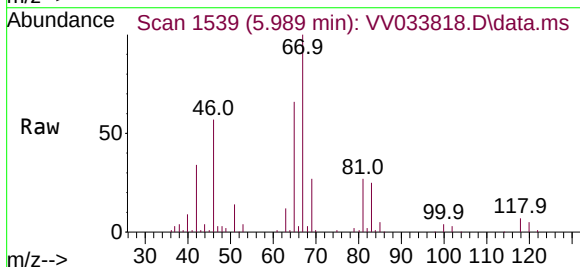
RT: 5.989 min Scan# 1539

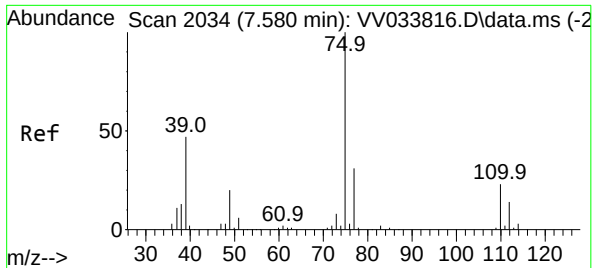
Delta R.T. -0.103 min

Lab File: VV033818.D

Acq: 23 Jan 2024 10:26

Tgt Ion: 63	Resp: 10120
Ion Ratio	Lower Upper
63 100	
112 0.0	3.1 4.7#

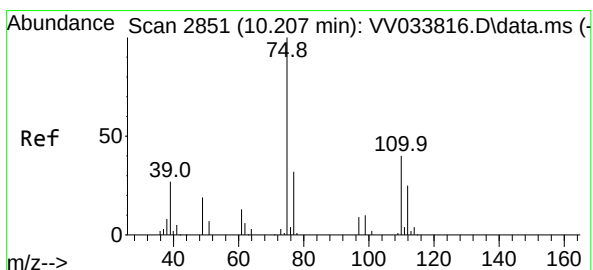
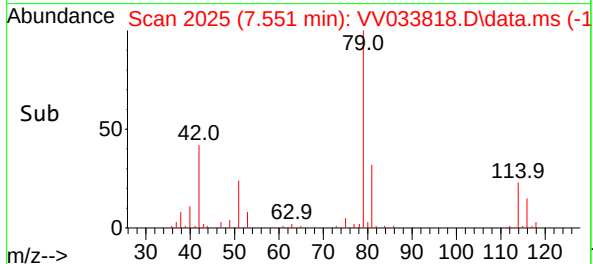
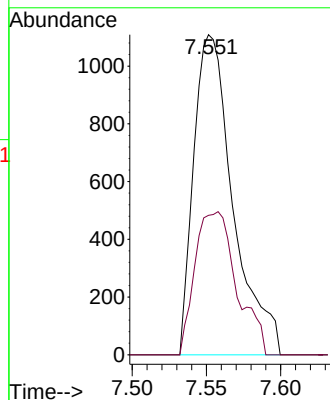
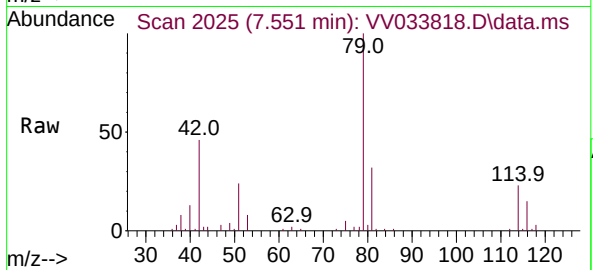




#44
trans-1,3-Dichloropropene
Concen: 0.767 ug/L
RT: 7.551 min Scan# 2034
Delta R.T. -0.029 min
Lab File: VV033818.D
Acq: 23 Jan 2024 10:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 2047
Ion Ratio Lower Upper
75 100
77 43.6 21.6 40.0#



#61
1,2,3-Trichloropropane
Concen: 6.970 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.978 min
Lab File: VV033818.D
Acq: 23 Jan 2024 10:26

Tgt Ion: 75 Resp: 13443
Ion Ratio Lower Upper
75 100
77 34.0 25.3 37.9
110 3.2 29.5 44.3#

