

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
 Data File : VV034109.D
 Acq On : 09 Feb 2024 14:02
 Operator : SY/MD
 Sample : P1289-14DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 23:14:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 22:58:56 2024
 Response via : Initial Calibration

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

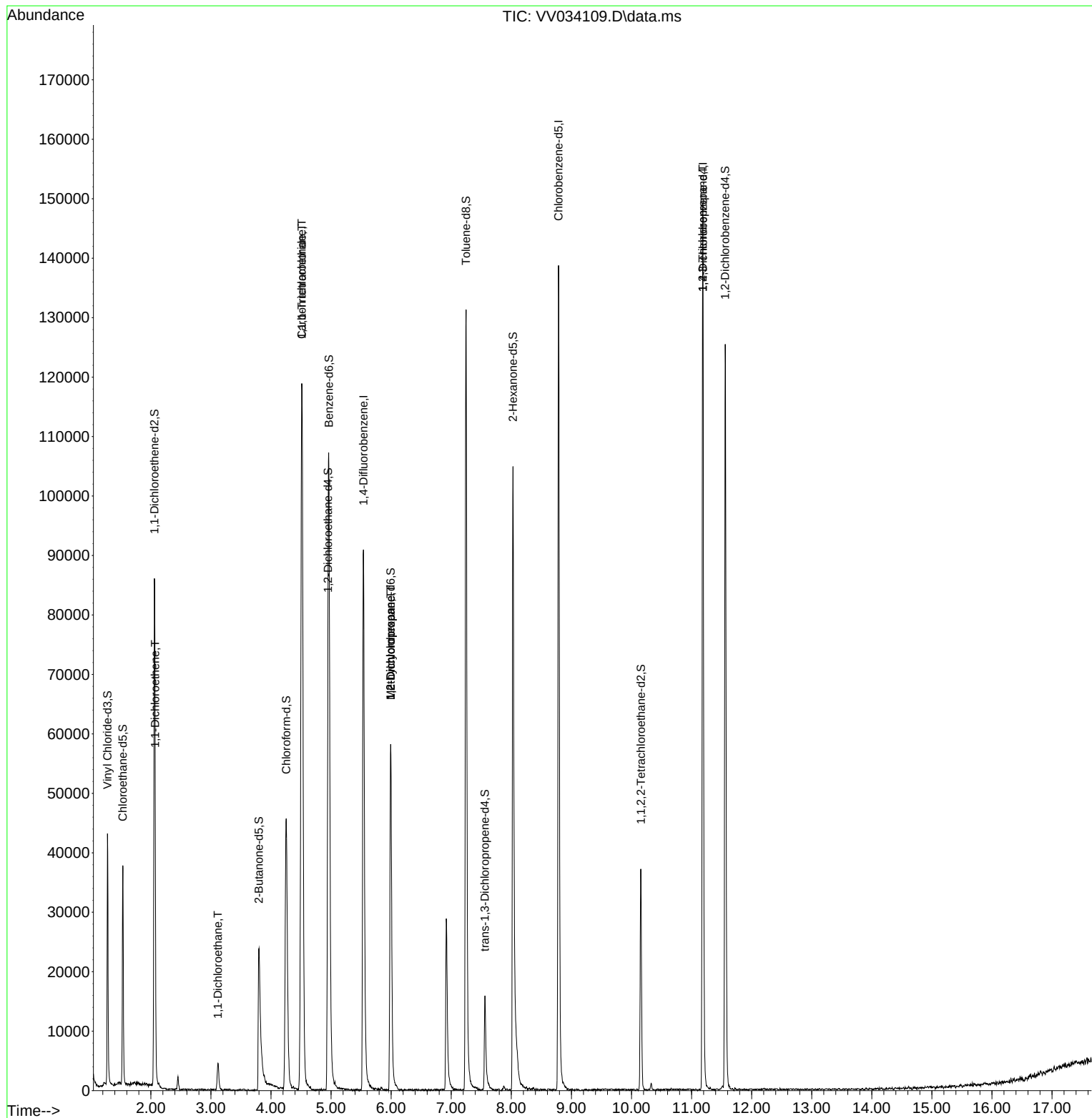
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	79521	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	76117	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	38468	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27424	4.453	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.000%	
7) Chloroethane-d5	1.532	69	22778	4.223	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.400%	
11) 1,1-Dichloroethene-d2	2.059	65	13204	4.446	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.000%	
20) 2-Butanone-d5	3.799	46	42022	40.627	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	81.260%	
24) Chloroform-d	4.252	84	49692	4.440	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
26) 1,2-Dichloroethane-d4	4.947	65	24699	4.723	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	4.963	84	97044	4.249	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
36) 1,2-Dichloropropane-d6	5.992	67	27332	4.282	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.600%	
41) Toluene-d8	7.246	98	89570	4.268	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.400%	
43) trans-1,3-Dichloroprop...	7.561	79	10460	4.339	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.027	63	38599	44.857	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.720%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17256	4.459	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	31841	4.551	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.072	96	4682	0.843	ug/L #	1
19) 1,1-Dichloroethane	3.117	63	5040	0.485	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	100676	9.852	ug/L	99
31) Carbon tetrachloride	4.513	117	12040	1.346	ug/L	97
35) Methylcyclohexane	5.992	83	6697	0.646	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3556	0.643	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	4737	1.791	ug/L #	66

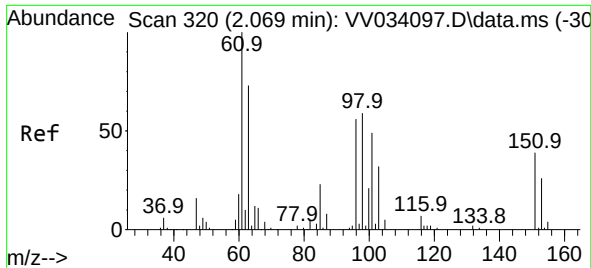
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 09 22:58:56 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.843 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034109.D

Acq: 09 Feb 2024 14:02

Instrument :

MSVOA_V

ClientSampleId :

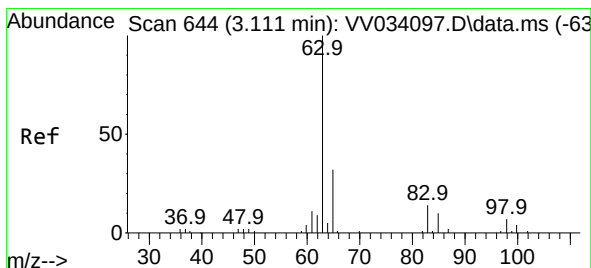
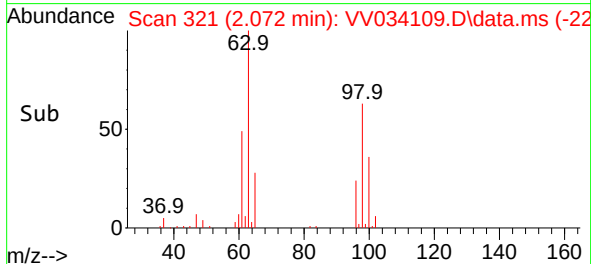
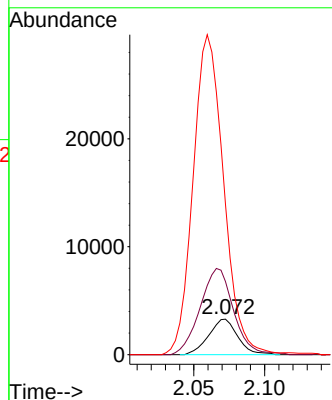
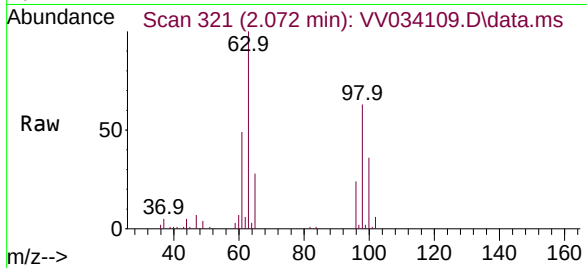
Tgt Ion: 96 Resp: 4682

Ion Ratio Lower Upper

96 100

61 206.0 128.8 239.2

63 424.0 97.9 181.9#



#19

1,1-Dichloroethane

Concen: 0.485 ug/L

RT: 3.117 min Scan# 646

Delta R.T. 0.006 min

Lab File: VV034109.D

Acq: 09 Feb 2024 14:02

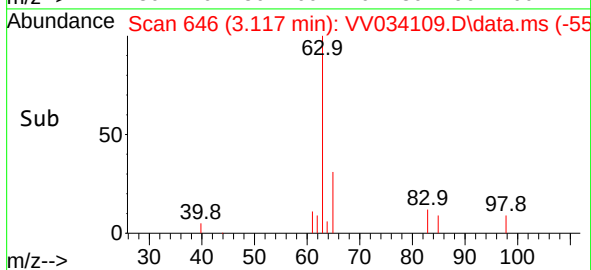
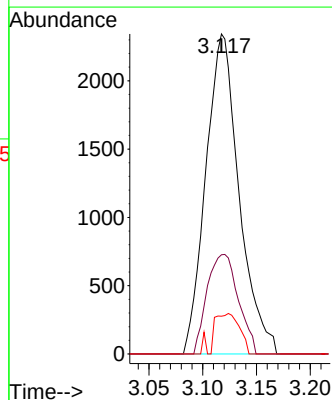
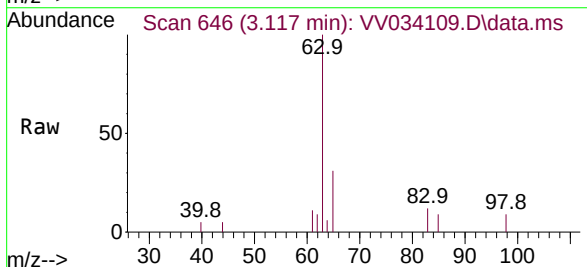
Tgt Ion: 63 Resp: 5040

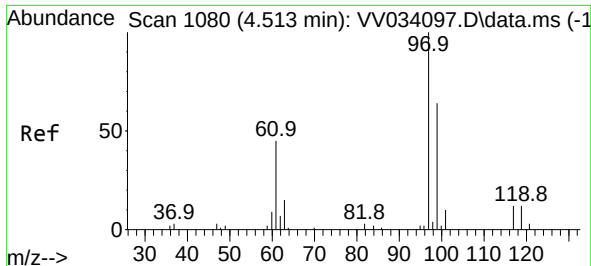
Ion Ratio Lower Upper

63 100

65 29.4 20.8 38.6

83 11.2 9.4 17.4





#29

1,1,1-Trichloroethane

Concen: 9.852 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV034109.D

Acq: 09 Feb 2024 14:02

Instrument :

MSVOA_V

ClientSampleId :

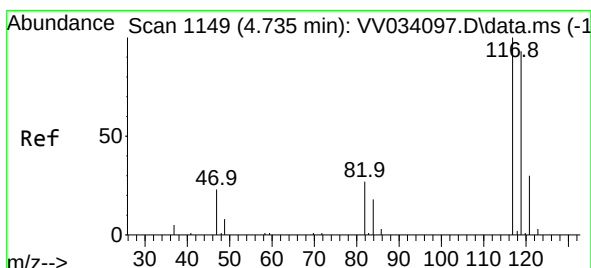
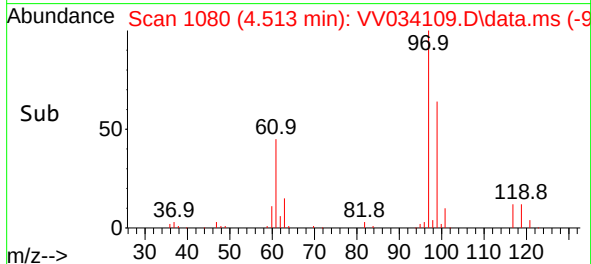
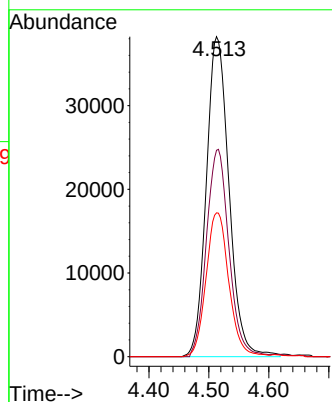
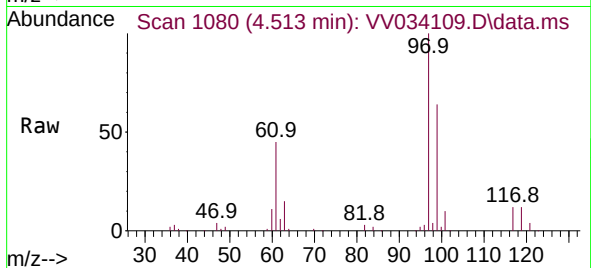
Tgt Ion: 97 Resp: 100676

Ion Ratio Lower Upper

97 100

99 64.3 50.6 75.8

61 45.1 36.8 55.2



#31

Carbon tetrachloride

Concen: 1.346 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.222 min

Lab File: VV034109.D

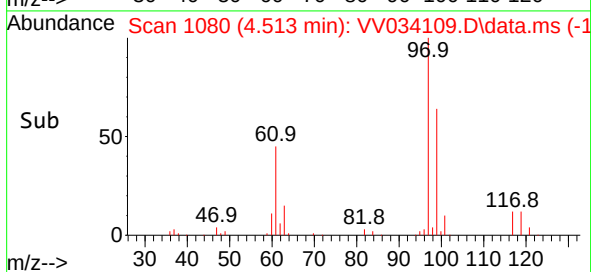
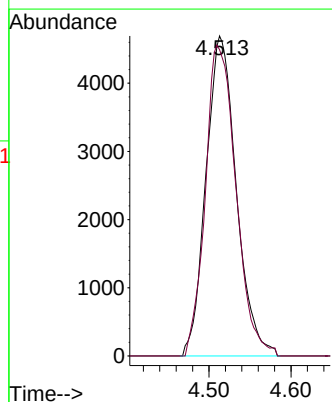
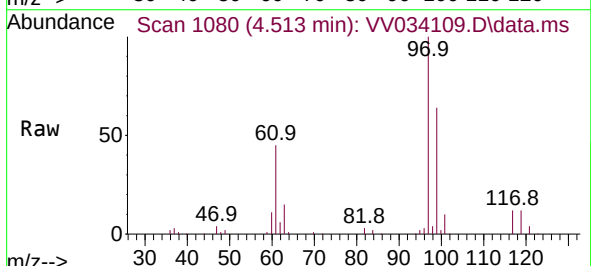
Acq: 09 Feb 2024 14:02

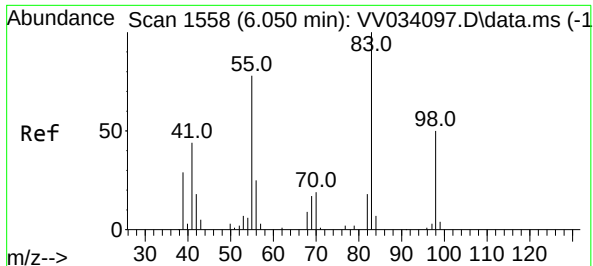
Tgt Ion: 117 Resp: 12040

Ion Ratio Lower Upper

117 100

119 98.1 76.1 114.1

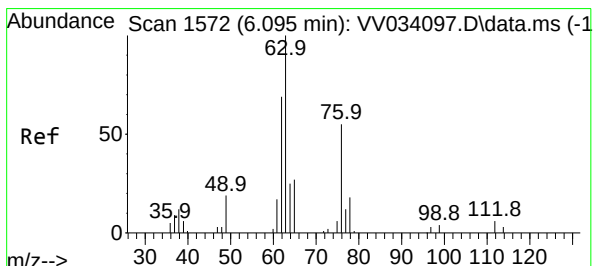
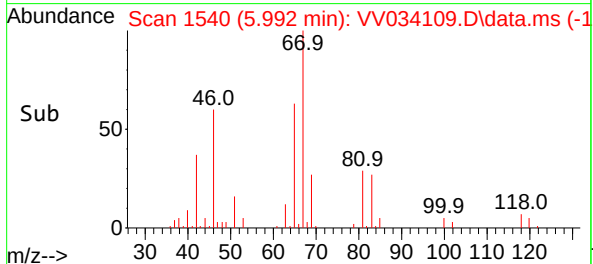
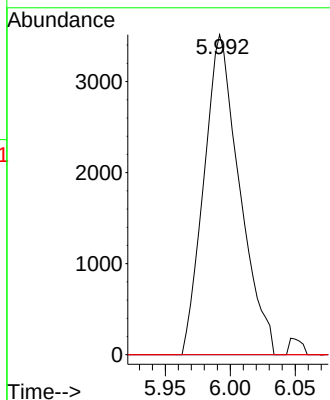
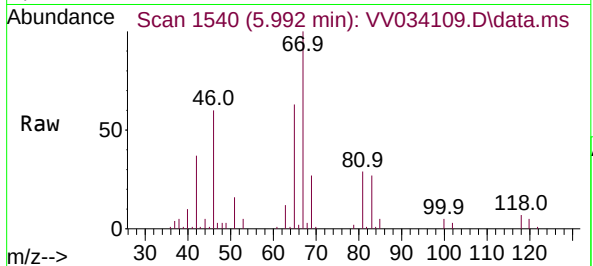




#35
Methylcyclohexane
Concen: 0.646 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV034109.D
Acq: 09 Feb 2024 14:02

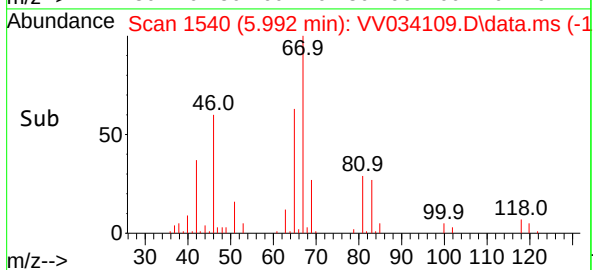
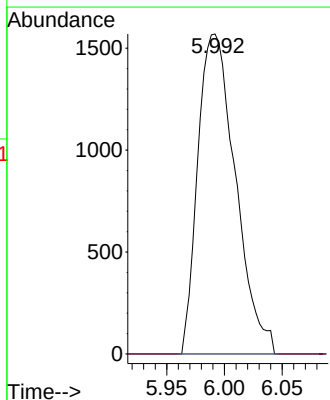
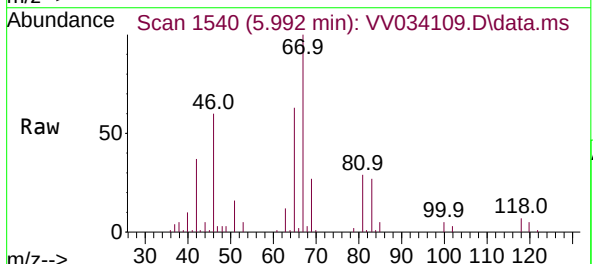
Instrument :
MSVOA_V
ClientSampleId :

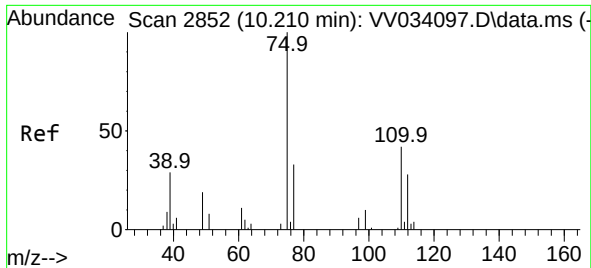
Tgt Ion: 83 Resp: 6697
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.103 min
Lab File: VV034109.D
Acq: 09 Feb 2024 14:02

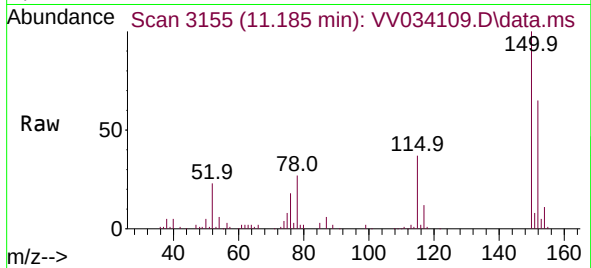
Tgt Ion: 63 Resp: 3556
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.791 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV034109.D
 Acq: 09 Feb 2024 14:02

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	4737
Ion	Ratio	Lower	Upper
75	100		
77	33.4	26.9	40.3
110	2.6	33.3	49.9#

