

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020624\
 Data File : VW034005.D
 Acq On : 06 Feb 2024 12:20
 Operator : SY/MD
 Sample : P1289-03DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 07 04:40:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 07 00:49:42 2024
 Response via : Initial Calibration

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

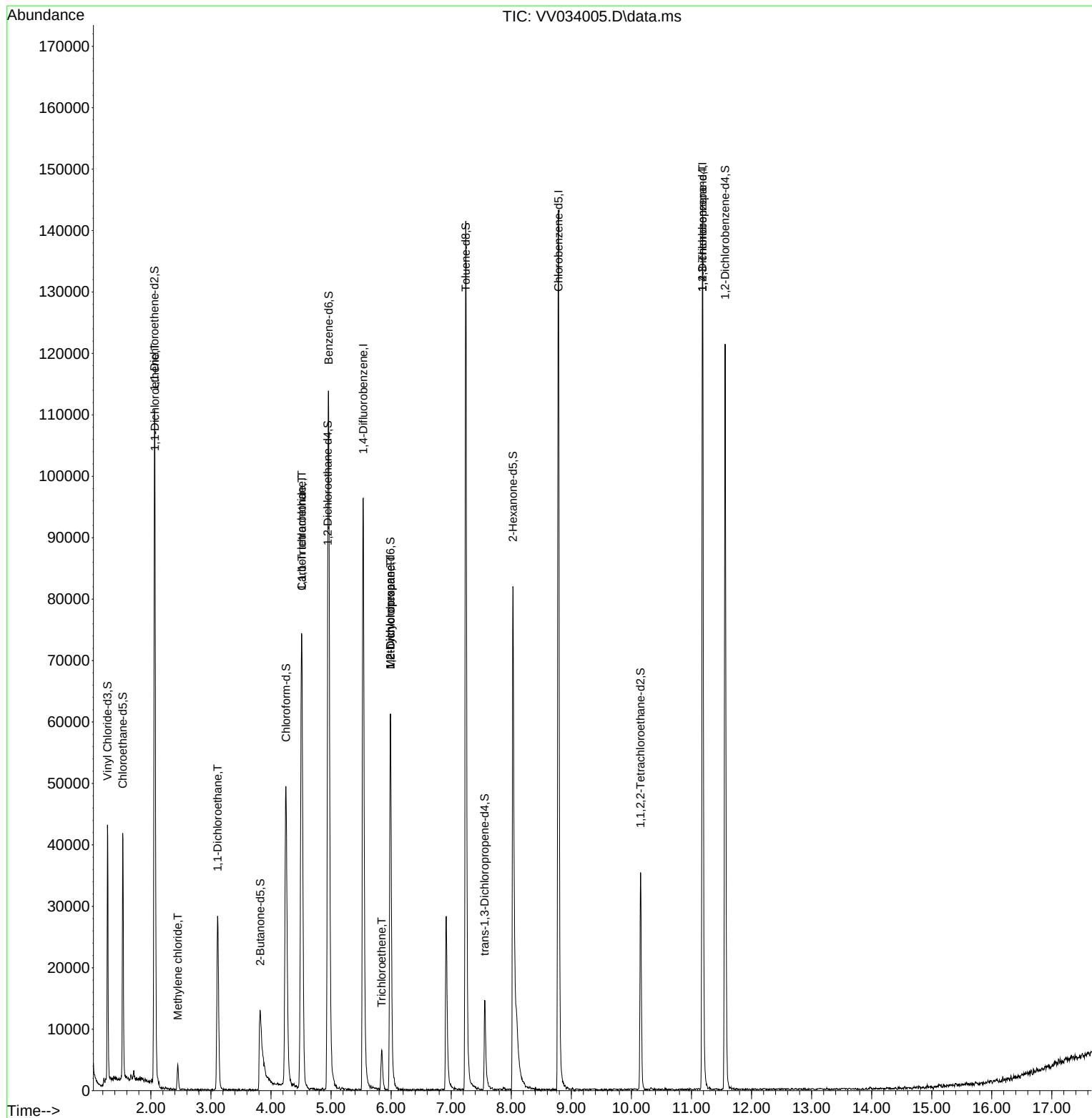
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	85175	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	79882	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	38074	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27159	4.117	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.400%	
7) Chloroethane-d5	1.532	69	25038	4.333	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.600%	
11) 1,1-Dichloroethene-d2	2.060	65	13547	4.258	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.200%	
20) 2-Butanone-d5	3.822	46	29588	26.707	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	53.420%	
24) Chloroform-d	4.249	84	53123	4.432	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	4.944	65	23952	4.276	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
32) Benzene-d6	4.960	84	104987	4.381	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	5.989	67	30025	4.482	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.600%	
41) Toluene-d8	7.243	98	93861	4.261	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	7.558	79	9911	3.918	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.400%	
46) 2-Hexanone-d5	8.027	63	35474	39.283	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.560%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	17355	4.273	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	31249	4.513	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.200%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	14539	2.443	ug/L #	63
16) Methylene chloride	2.449	84	1508	0.264	ug/L	80
19) 1,1-Dichloroethane	3.111	63	29296	2.631	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	63109	5.884	ug/L	98
31) Carbon tetrachloride	4.513	117	7202	0.767	ug/L	95
34) Trichloroethene	5.841	95	2635	0.380	ug/L	95
35) Methylcyclohexane	5.989	83	7233	0.665	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3778	0.651	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	4523	1.728	ug/L #	65

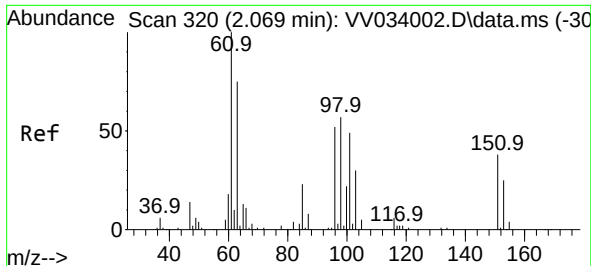
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 07 00:49:42 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.443 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034005.D

Acq: 06 Feb 2024 12:20

Instrument :

MSVOA_V

ClientSampleId :

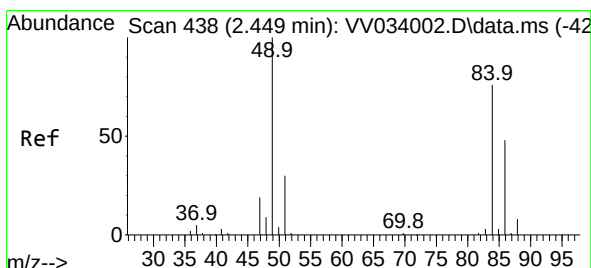
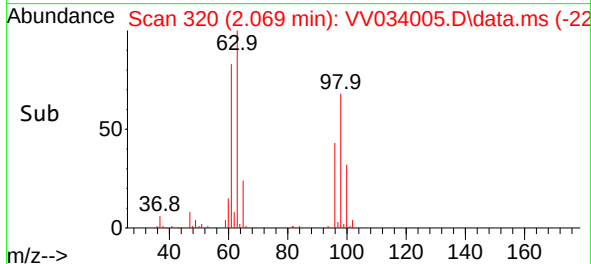
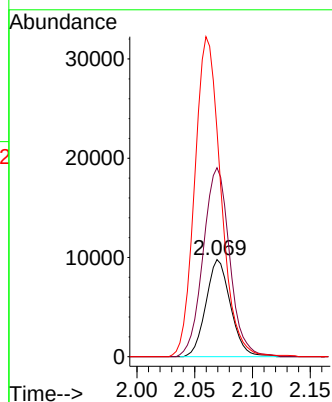
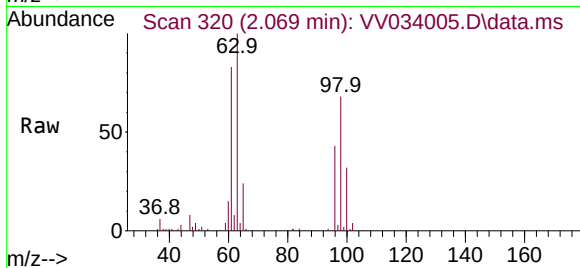
Tgt Ion: 96 Resp: 14539

Ion Ratio Lower Upper

96 100

61 194.5 128.8 239.2

63 233.0 97.9 181.9#



#16

Methylene chloride

Concen: 0.264 ug/L

RT: 2.449 min Scan# 438

Delta R.T. -0.000 min

Lab File: VV034005.D

Acq: 06 Feb 2024 12:20

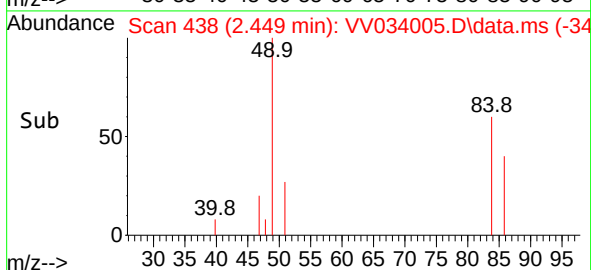
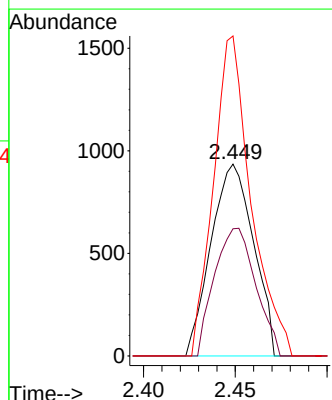
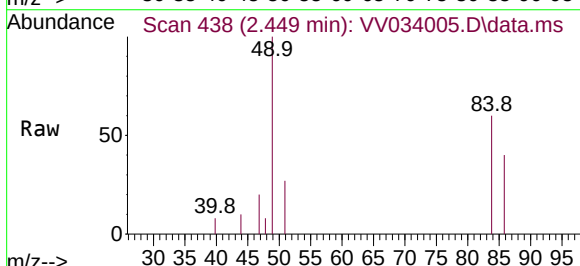
Tgt Ion: 84 Resp: 1508

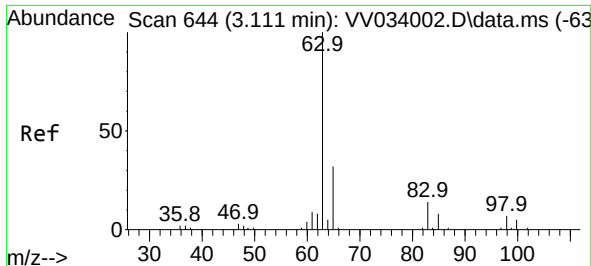
Ion Ratio Lower Upper

84 100

86 66.3 44.7 83.1

49 166.8 93.7 173.9





#19

1,1-Dichloroethane

Concen: 2.631 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV034005.D

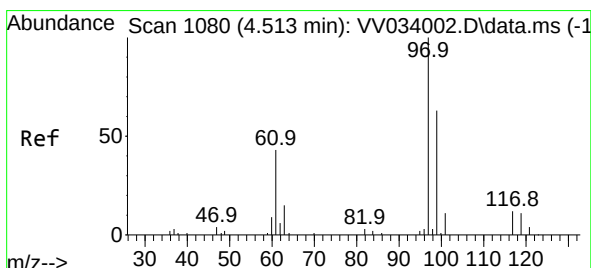
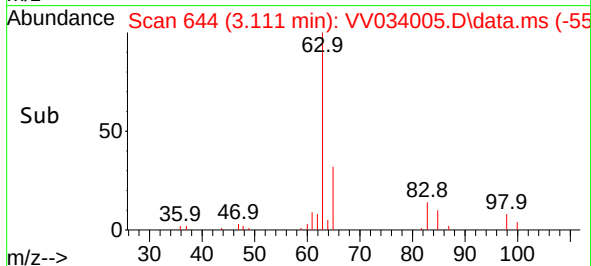
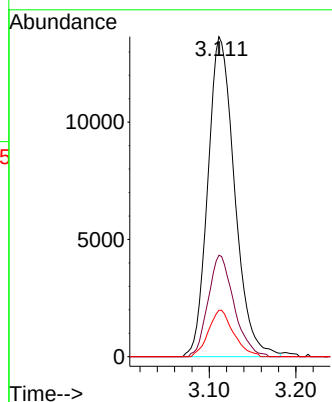
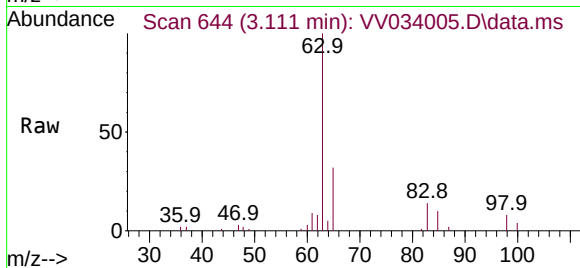
Acq: 06 Feb 2024 12:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 29296
Ion Ratio	Lower Upper
63 100	
65 31.7	20.8 38.6
83 14.5	9.4 17.4



#29

1,1,1-Trichloroethane

Concen: 5.884 ug/L

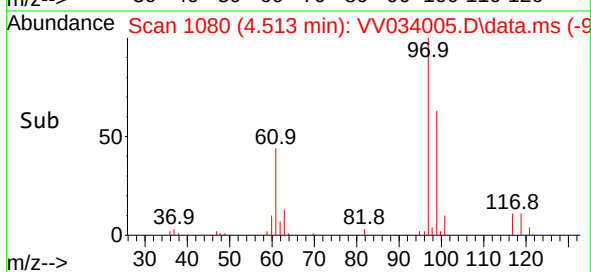
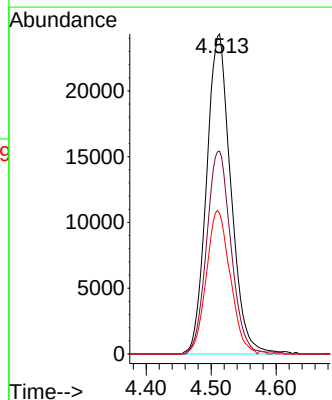
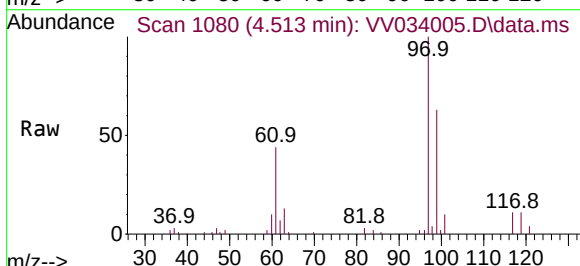
RT: 4.513 min Scan# 1080

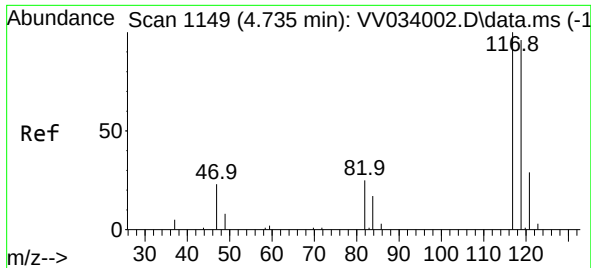
Delta R.T. -0.000 min

Lab File: VV034005.D

Acq: 06 Feb 2024 12:20

Tgt Ion: 97	Resp: 63109
Ion Ratio	Lower Upper
97 100	
99 63.6	50.6 75.8
61 44.0	36.8 55.2

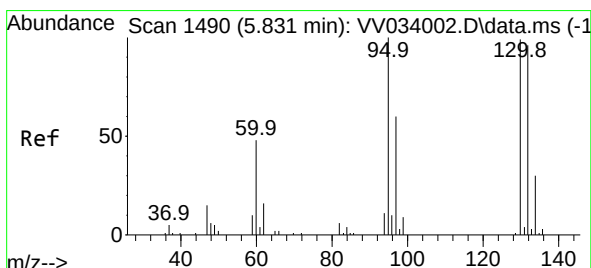
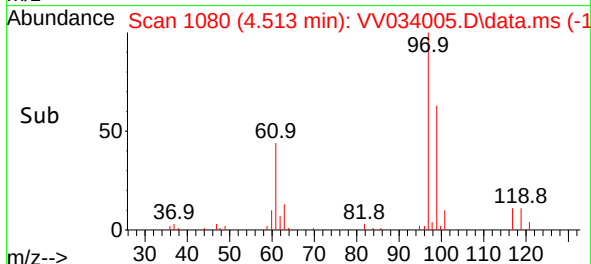
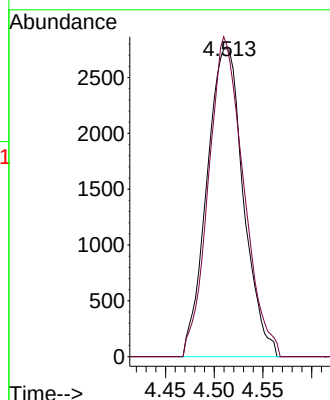
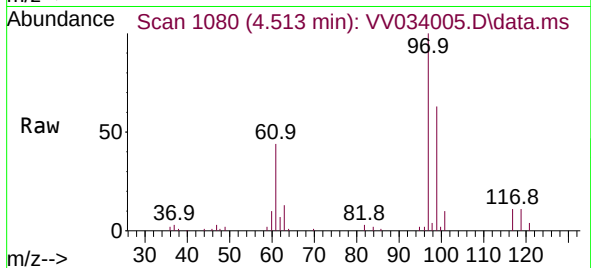




#31
Carbon tetrachloride
Concen: 0.767 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.222 min
Lab File: VV034005.D
Acq: 06 Feb 2024 12:20

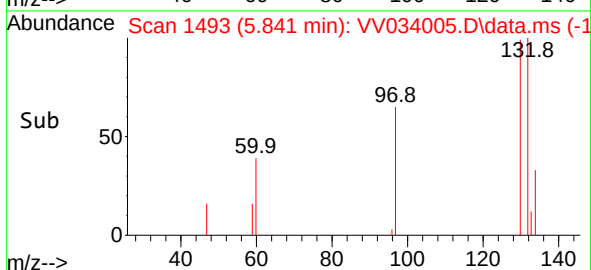
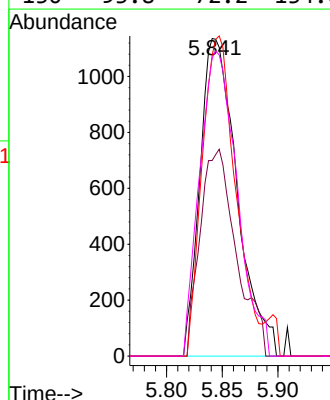
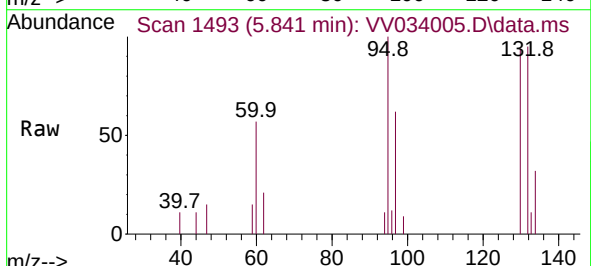
Instrument :
MSVOA_V
ClientSampleId :

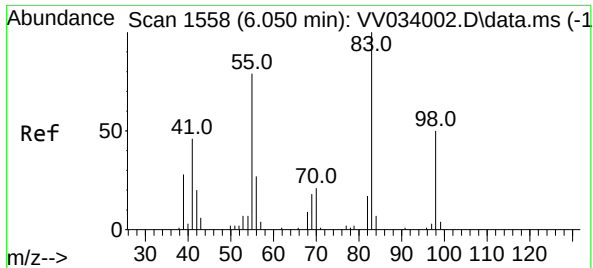
Tgt Ion:117 Resp: 7202
Ion Ratio Lower Upper
117 100
119 99.7 76.1 114.1



#34
Trichloroethene
Concen: 0.380 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.010 min
Lab File: VV034005.D
Acq: 06 Feb 2024 12:20

Tgt Ion: 95 Resp: 2635
Ion Ratio Lower Upper
95 100
97 61.6 45.1 83.7
132 94.8 66.0 122.6
130 93.8 72.2 134.0

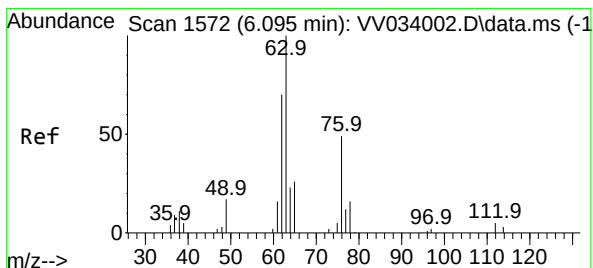
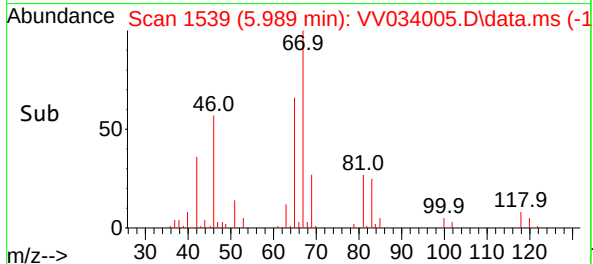
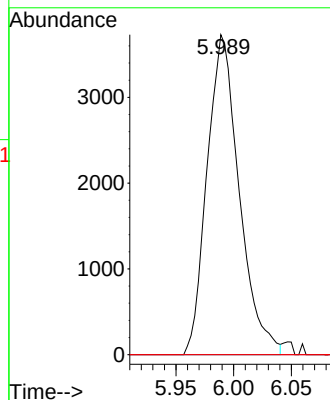
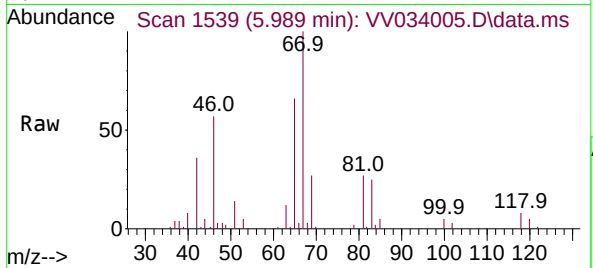




#35
Methylcyclohexane
Concen: 0.665 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV034005.D
Acq: 06 Feb 2024 12:20

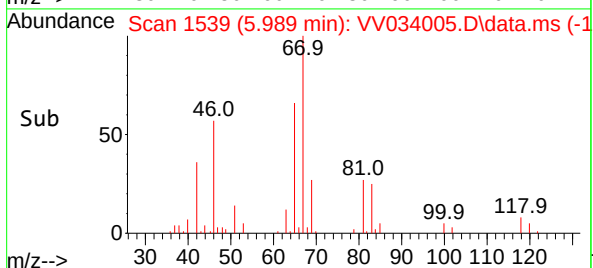
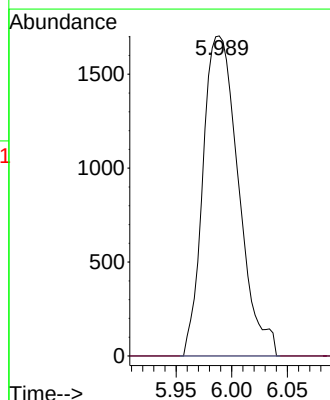
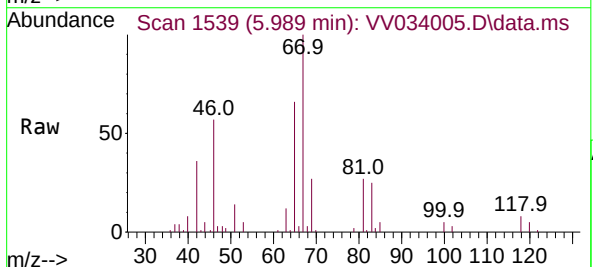
Instrument :
MSVOA_V
ClientSampleId :

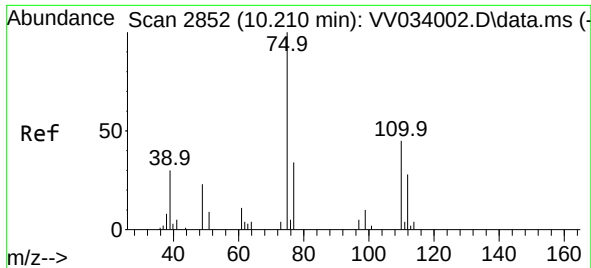
Tgt Ion: 83 Resp: 7233
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.7 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.106 min
Lab File: VV034005.D
Acq: 06 Feb 2024 12:20

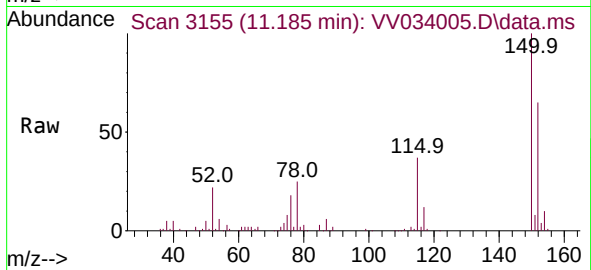
Tgt Ion: 63 Resp: 3778
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.728 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.975 min
 Lab File: VV034005.D
 Acq: 06 Feb 2024 12:20

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 4523
 Ion Ratio Lower Upper
 75 100
 77 34.4 26.9 40.3
 110 2.4 33.3 49.9#

