

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW033997.D
 Acq On : 05 Feb 2024 18:50
 Operator : SY/MD
 Sample : P1289-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 06 05:17:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 06 05:11:25 2024
 Response via : Initial Calibration

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

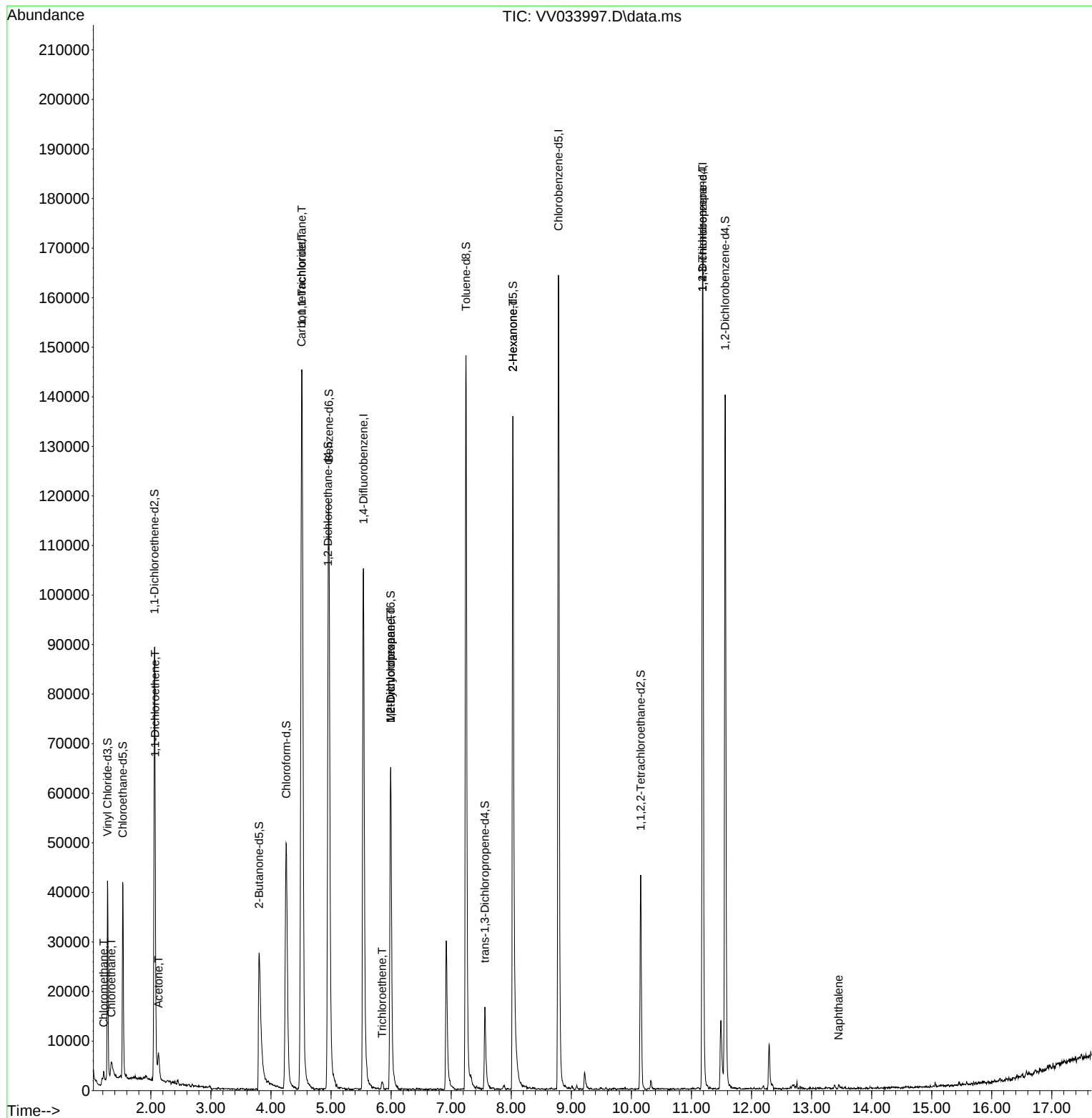
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	96036	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	88614	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45603	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26638	3.581	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.532	69	24623	3.780	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.060	65	12936	3.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	3.802	46	55013	44.040	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.080%
24) Chloroform-d	4.253	84	54833	4.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	4.950	65	26352	4.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	4.963	84	111893	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	5.992	67	32170	4.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.246	98	102690	4.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.561	79	10929	3.895	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.027	63	50453	50.364	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.720%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	20477	4.545	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	36481	4.399	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1374	0.143	ug/L	94
8) Chloroethane	1.343	64	4847	0.775	ug/L #	43
12) 1,1-Dichloroethene	2.073	96	6556	0.977	ug/L #	1
13) Acetone	2.127	43	5311	5.604	ug/L #	50
29) 1,1,1-Trichloroethane	4.513	97	127240	10.695	ug/L	98
31) Carbon tetrachloride	4.510	117	15538	1.493	ug/L	98
34) Trichloroethene	5.851	95	632	0.082	ug/L #	82
35) Methylcyclohexane	5.992	83	7686	0.637	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	4033	0.626	ug/L #	87
48) 2-Hexanone	8.027	43	6505	2.993	ug/L #	72
61) 1,2,3-Trichloropropane	11.185	75	5833	1.861	ug/L #	61
71) Naphthalene	13.452	128	1013	0.087	ug/L #	69

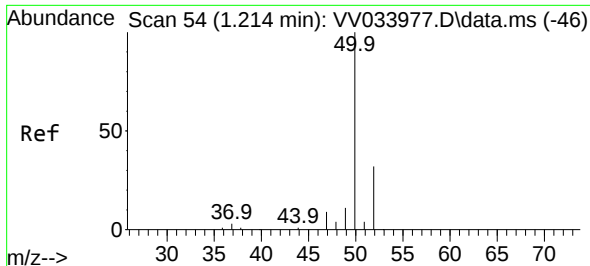
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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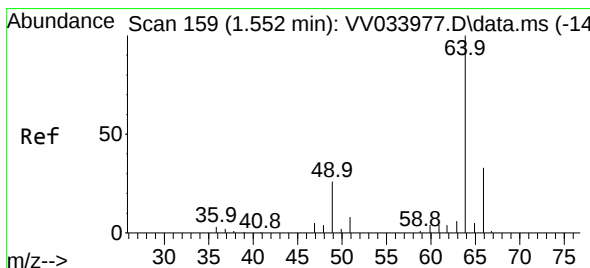
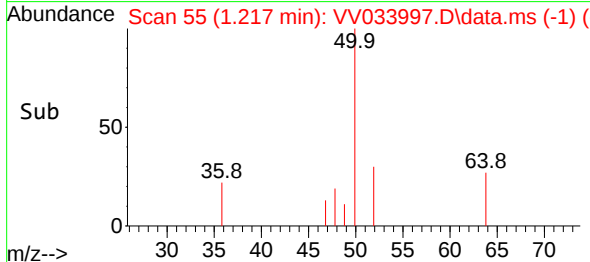
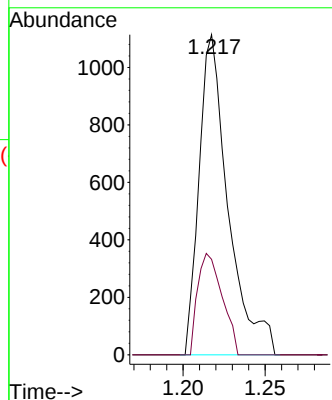
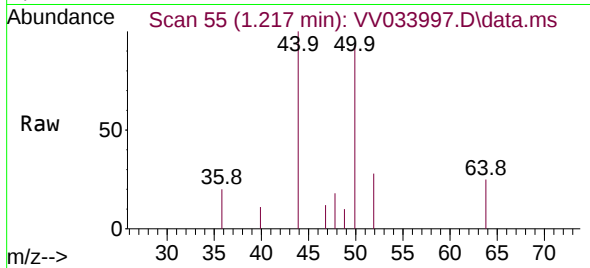




#3
Chloromethane
Concen: 0.143 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV033997.D
Acq: 05 Feb 2024 18:50

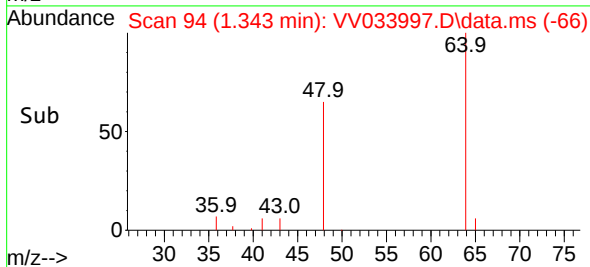
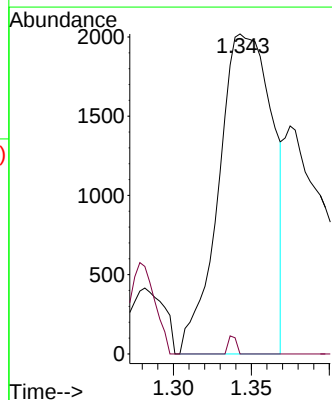
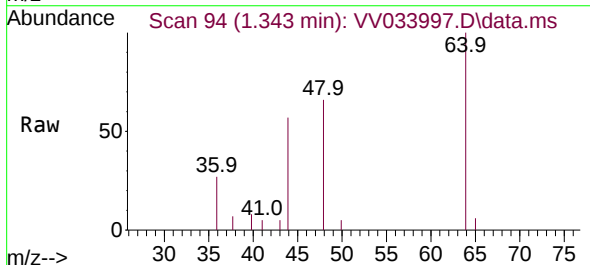
Instrument :
MSVOA_V
ClientSampleId :

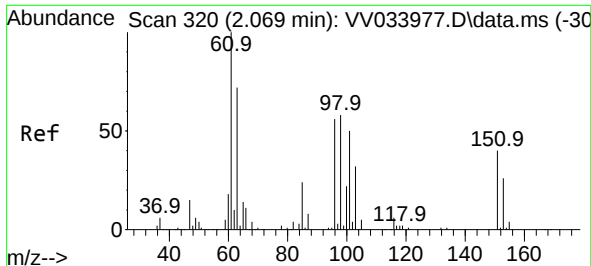
Tgt Ion: 50 Resp: 1374
Ion Ratio Lower Upper
50 100
52 29.8 23.4 43.4



#8
Chloroethane
Concen: 0.775 ug/L
RT: 1.343 min Scan# 94
Delta R.T. -0.209 min
Lab File: VV033997.D
Acq: 05 Feb 2024 18:50

Tgt Ion: 64 Resp: 4847
Ion Ratio Lower Upper
64 100
66 0.0 22.0 41.0#





#12

1,1-Dichloroethene

Concen: 0.977 ug/L

RT: 2.073 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033997.D

Acq: 05 Feb 2024 18:50

Instrument :

MSVOA_V

ClientSampleId :

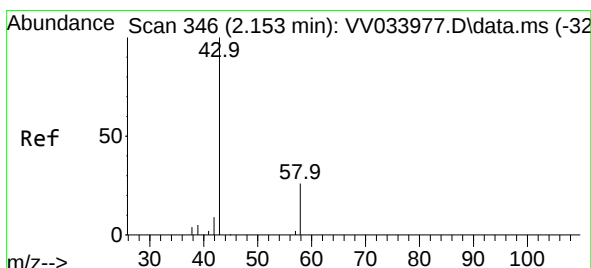
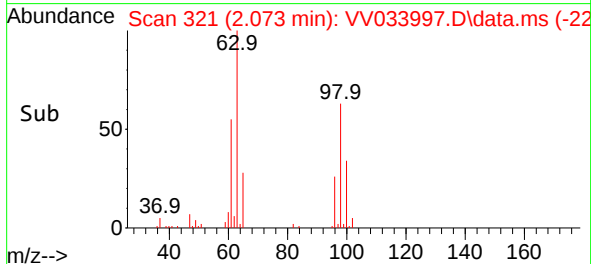
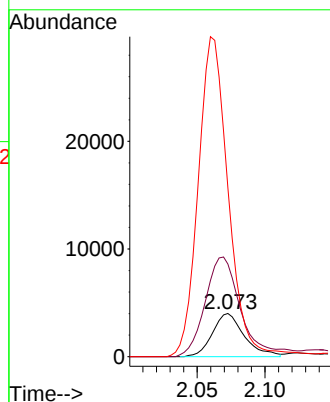
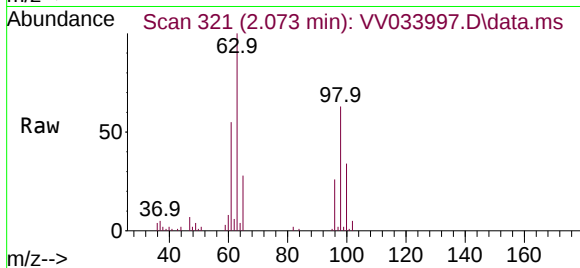
Tgt Ion: 96 Resp: 6556

Ion Ratio Lower Upper

96 100

61 214.7 128.8 239.2

63 391.4 97.9 181.9#



#13

Acetone

Concen: 5.604 ug/L

RT: 2.127 min Scan# 338

Delta R.T. -0.026 min

Lab File: VV033997.D

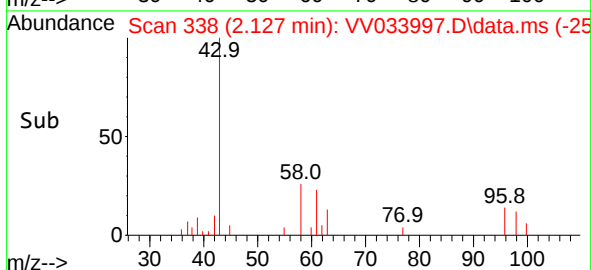
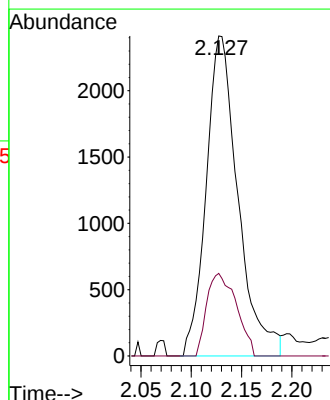
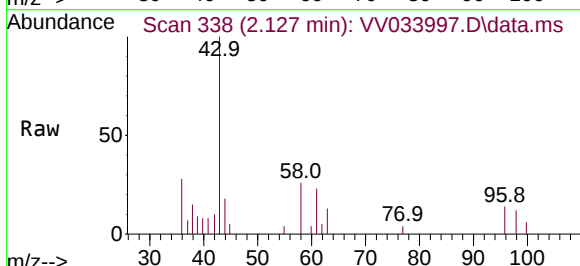
Acq: 05 Feb 2024 18:50

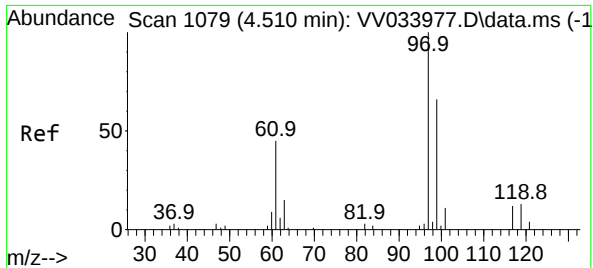
Tgt Ion: 43 Resp: 5311

Ion Ratio Lower Upper

43 100

58 24.0 0.0 13.8#





#29

1,1,1-Trichloroethane

Concen: 10.695 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV033997.D

Acq: 05 Feb 2024 18:50

Instrument :

MSVOA_V

ClientSampleId :

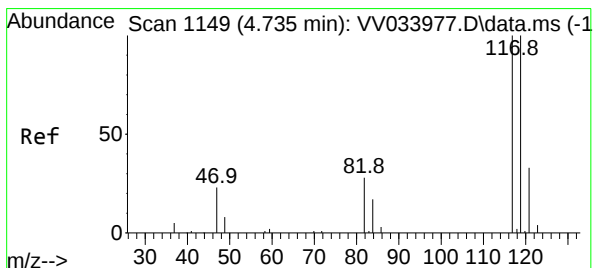
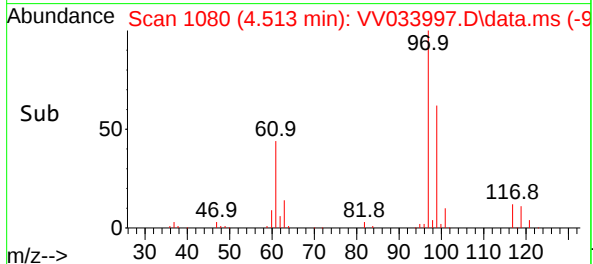
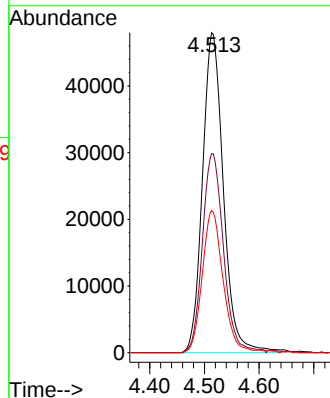
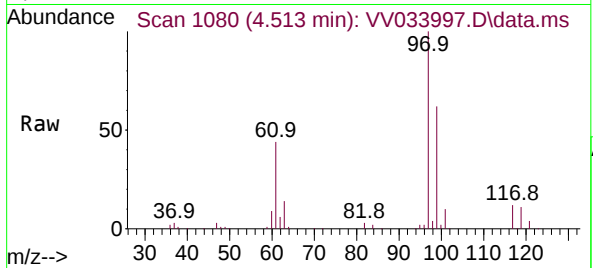
Tgt Ion: 97 Resp: 127240

Ion Ratio Lower Upper

97 100

99 62.5 50.6 75.8

61 44.0 36.8 55.2



#31

Carbon tetrachloride

Concen: 1.493 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.225 min

Lab File: VV033997.D

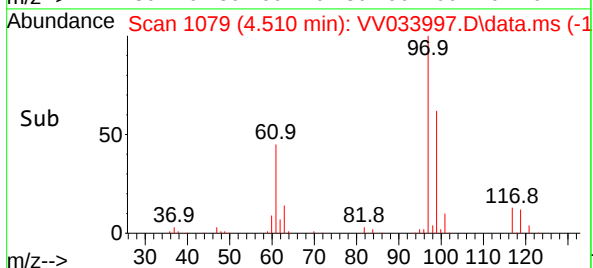
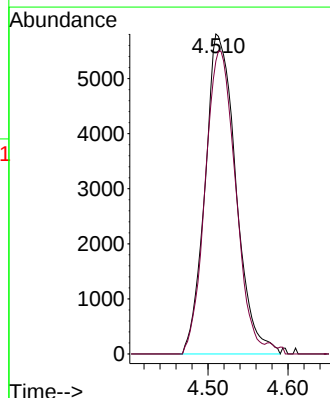
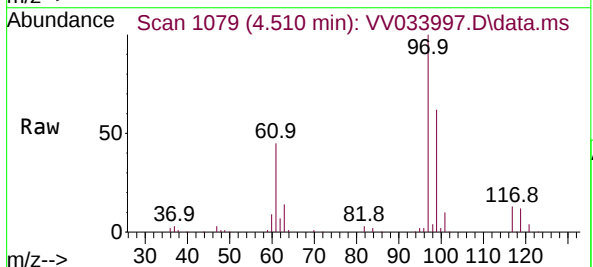
Acq: 05 Feb 2024 18:50

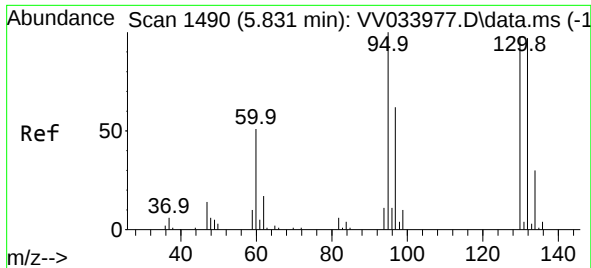
Tgt Ion: 117 Resp: 15538

Ion Ratio Lower Upper

117 100

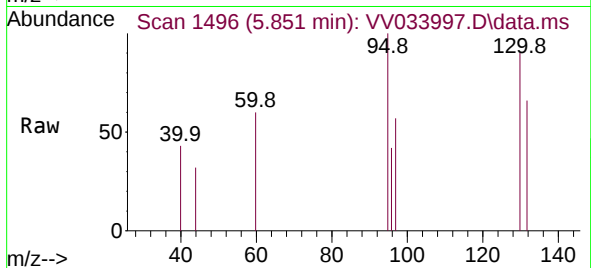
119 93.1 76.1 114.1





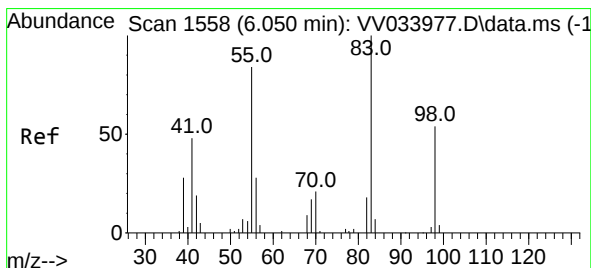
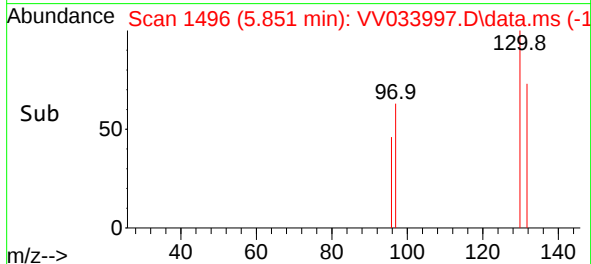
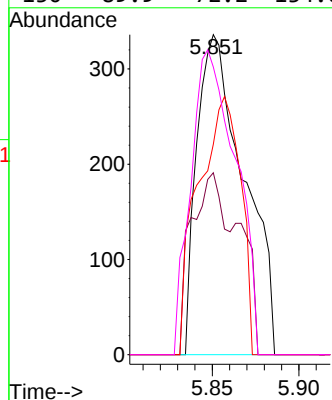
#34
Trichloroethene
Concen: 0.082 ug/L
RT: 5.851 min Scan# 1496
Delta R.T. 0.019 min
Lab File: VV033997.D
Acq: 05 Feb 2024 18:50

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 632

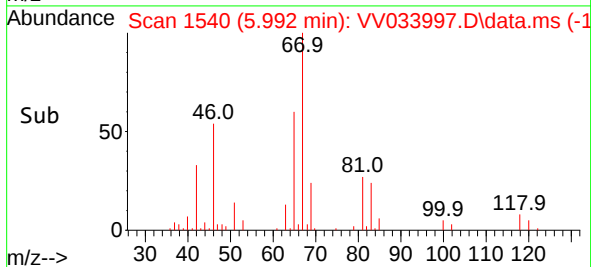
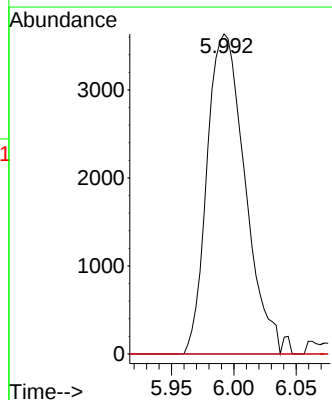
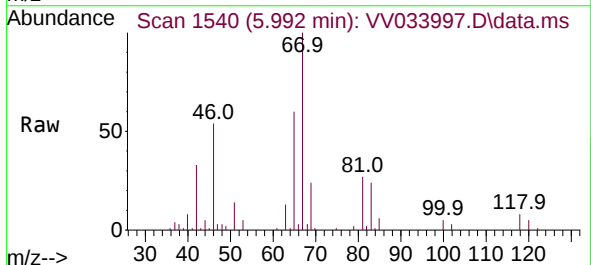
Ion	Ratio	Lower	Upper
95	100		
97	56.8	45.1	83.7
132	65.8	66.0	122.6#
130	89.9	72.2	134.0

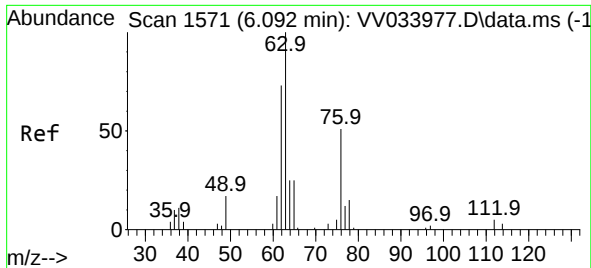


#35
Methylcyclohexane
Concen: 0.637 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV033997.D
Acq: 05 Feb 2024 18:50

Tgt Ion: 83 Resp: 7686

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: 0.626 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV033997.D

Acq: 05 Feb 2024 18:50

Instrument :

MSVOA_V

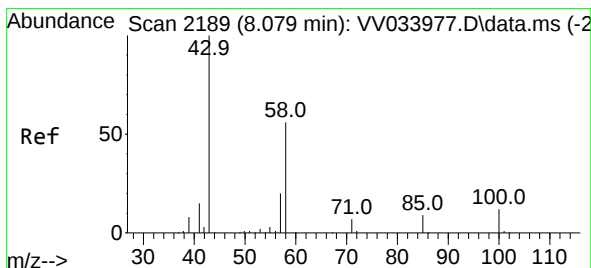
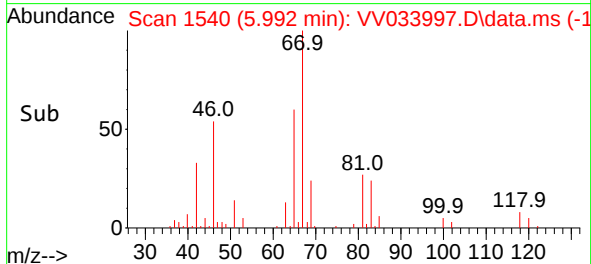
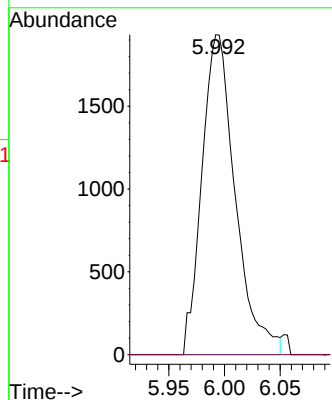
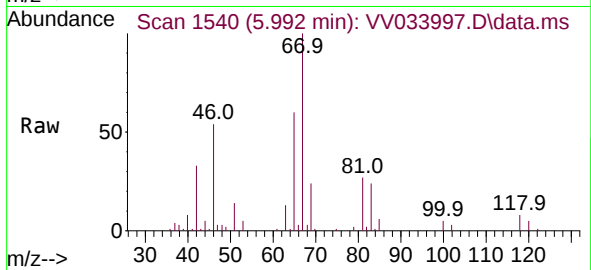
ClientSampleId :

Tgt Ion: 63 Resp: 4033

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#48

2-Hexanone

Concen: 2.993 ug/L

RT: 8.027 min Scan# 2173

Delta R.T. -0.051 min

Lab File: VV033997.D

Acq: 05 Feb 2024 18:50

Tgt Ion: 43 Resp: 6505

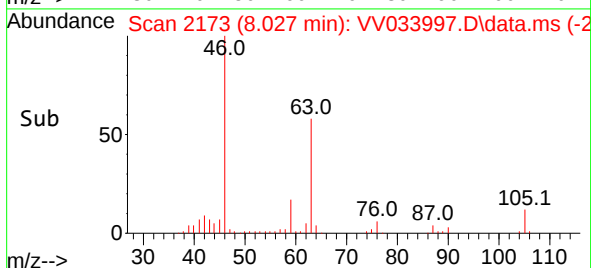
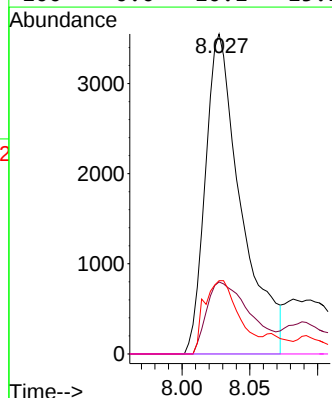
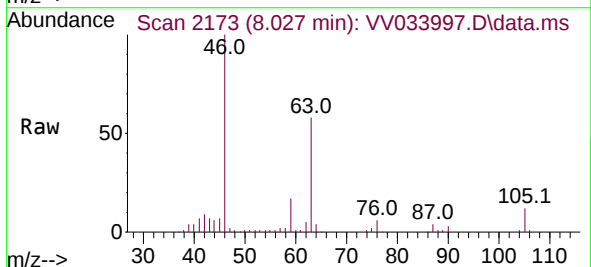
Ion Ratio Lower Upper

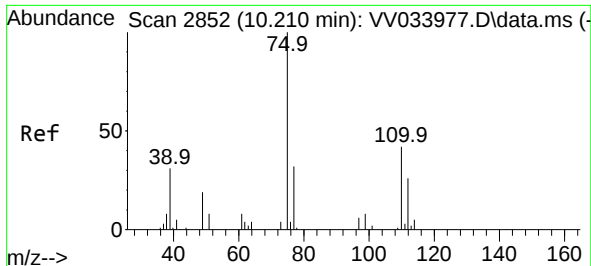
43 100

58 27.8 42.6 64.0#

57 22.2 15.5 23.3

100 0.0 10.1 15.1#

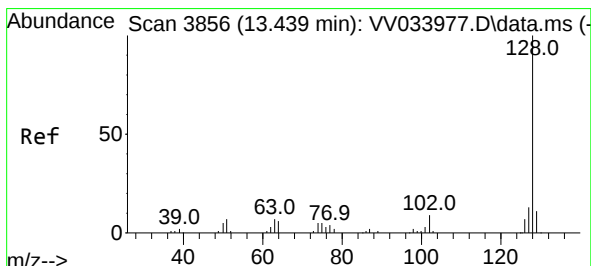
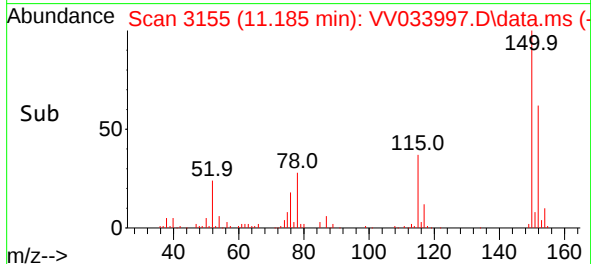
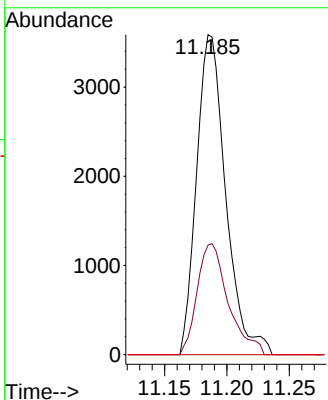
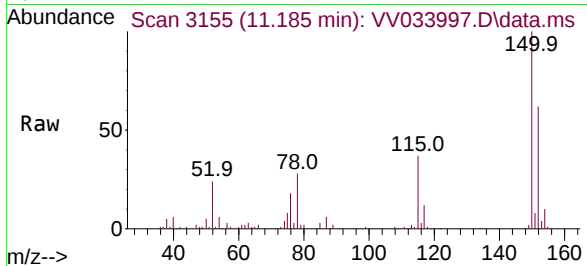




#61
1,2,3-Trichloropropane
Concen: 1.861 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV033997.D
Acq: 05 Feb 2024 18:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 5833
Ion Ratio Lower Upper
75 100
77 37.0 26.9 40.3
110 0.0 33.3 49.9#



#71
Naphthalene
Concen: 0.087 ug/L
RT: 13.452 min Scan# 3860
Delta R.T. 0.013 min
Lab File: VV033997.D
Acq: 05 Feb 2024 18:50

Tgt Ion: 128 Resp: 1013
Ion Ratio Lower Upper
128 100
129 0.0 8.5 12.7#
127 0.0 10.4 15.6#

