

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW033996.D
 Acq On : 05 Feb 2024 18:26
 Operator : SY/MD
 Sample : P1289-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 06 05:17:19 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)

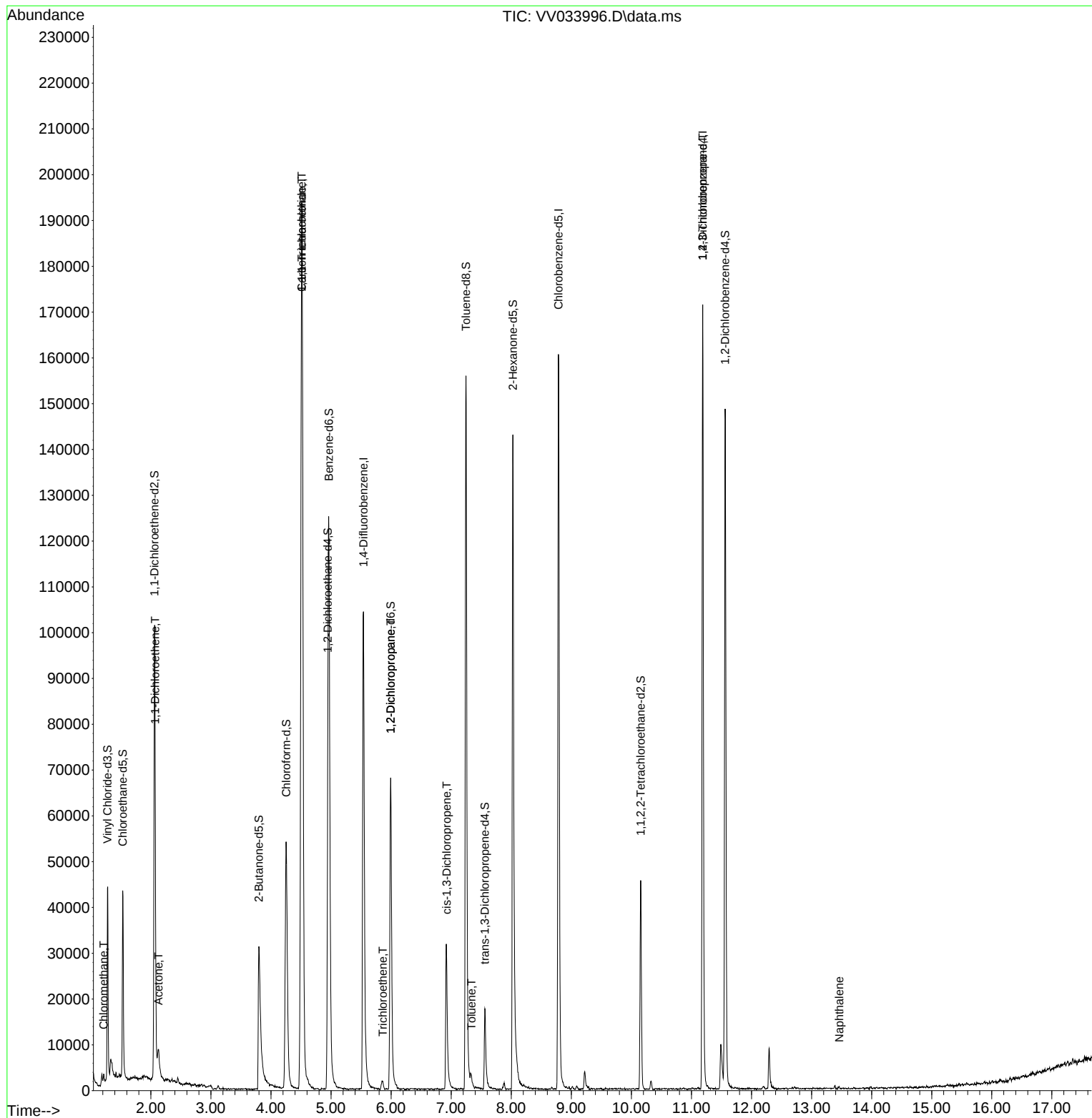
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	93142	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	87473	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	43854	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27203	3.771	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.532	69	25374	4.016	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.059	65	14079	4.047	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	3.799	46	54969	45.372	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.740%
24) Chloroform-d	4.252	84	58381	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.947	65	28607	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	4.963	84	113364	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	5.992	67	33111	4.513	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.246	98	106271	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.561	79	11415	4.121	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.027	63	53363	53.964	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.920%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	21437	4.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	36822	4.617	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	1008	0.108	ug/L	99
12) 1,1-Dichloroethene	2.072	96	9849	1.514	ug/L #	35
13) Acetone	2.127	43	5777	6.285	ug/L #	47
29) 1,1,1-Trichloroethane	4.513	97	163558	13.927	ug/L	99
31) Carbon tetrachloride	4.513	117	20068	1.953	ug/L	97
34) Trichloroethene	5.860	95	846	0.111	ug/L	83
37) 1,2-Dichloropropane	5.992	63	4222	0.664	ug/L #	87
39) cis-1,3-Dichloropropene	6.924	75	930	0.096	ug/L #	77
42) Toluene	7.336	91	2617	0.093	ug/L	96
61) 1,2,3-Trichloropropane	11.188	75	5140	1.705	ug/L #	60
71) Naphthalene	13.461	128	860	0.077	ug/L #	69

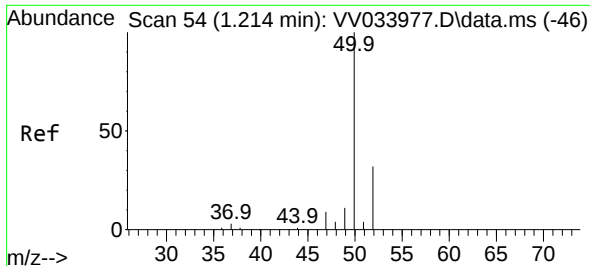
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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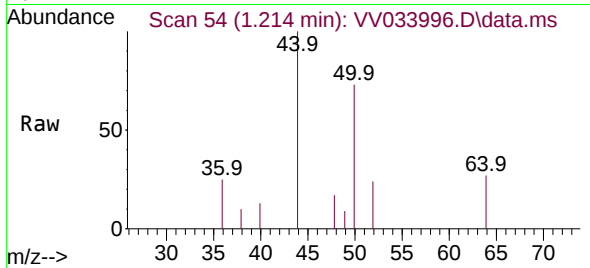
Quant Time: Feb 06 05:17:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
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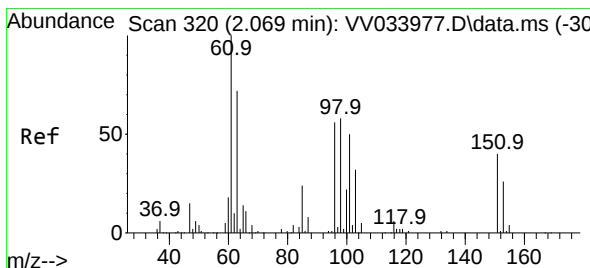
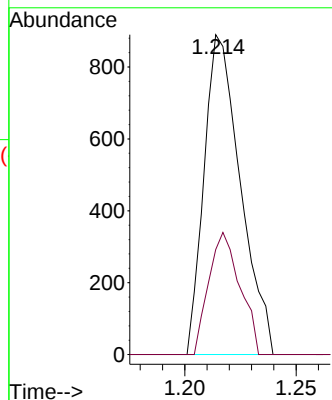
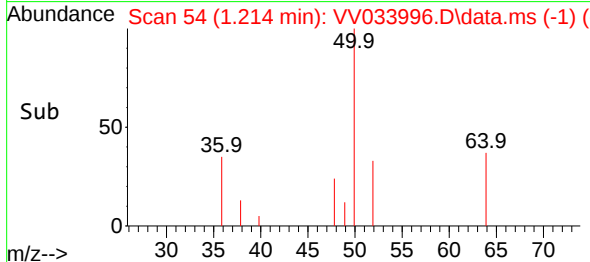


#3
Chloromethane
Concen: 0.108 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV033996.D
Acq: 05 Feb 2024 18:26

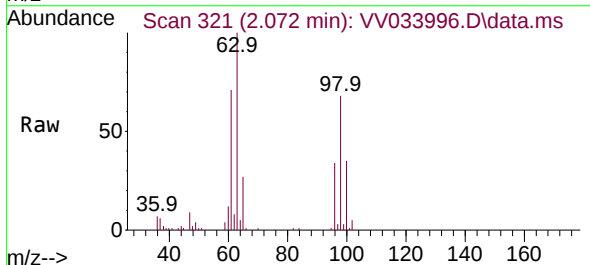
Instrument :
MSVOA_V
ClientSampleId :



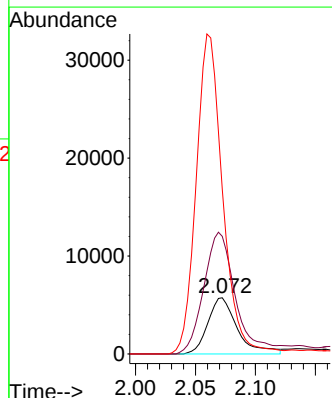
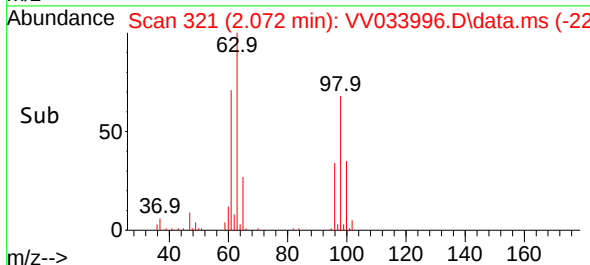
Tgt Ion: 50 Resp: 1008
Ion Ratio Lower Upper
50 100
52 32.8 23.4 43.4

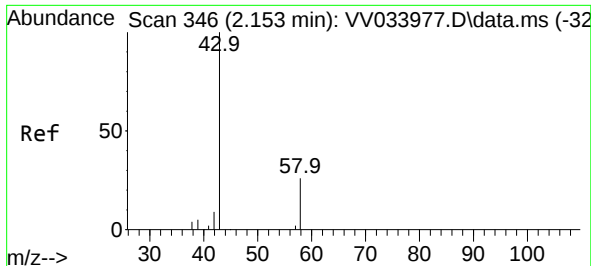


#12
1,1-Dichloroethene
Concen: 1.514 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV033996.D
Acq: 05 Feb 2024 18:26



Tgt Ion: 96 Resp: 9849
Ion Ratio Lower Upper
96 100
61 209.7 128.8 239.2
63 293.3 97.9 181.9#





#13

Acetone

Concen: 6.285 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.026 min

Lab File: VV033996.D

Acq: 05 Feb 2024 18:26

Instrument :

MSVOA_V

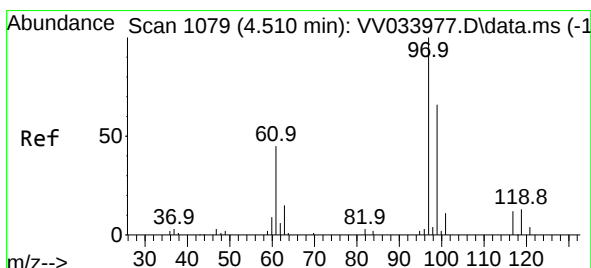
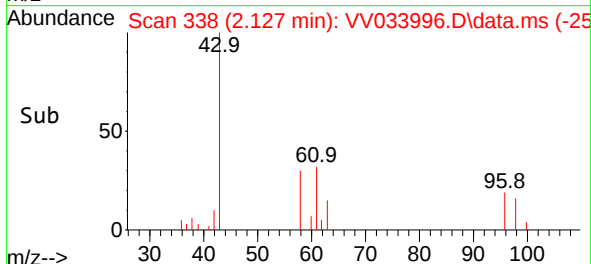
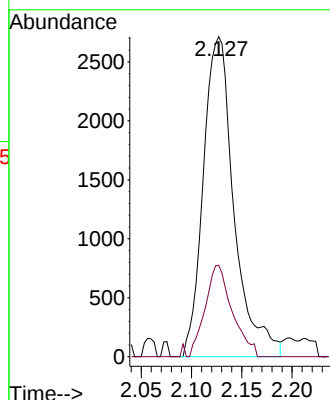
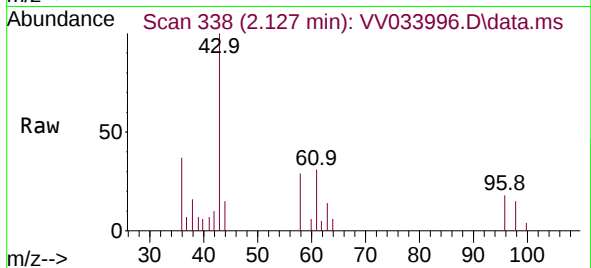
ClientSampleId :

Tgt Ion: 43 Resp: 5777

Ion Ratio Lower Upper

43 100

58 25.1 0.0 13.8#



#29

1,1,1-Trichloroethane

Concen: 13.927 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV033996.D

Acq: 05 Feb 2024 18:26

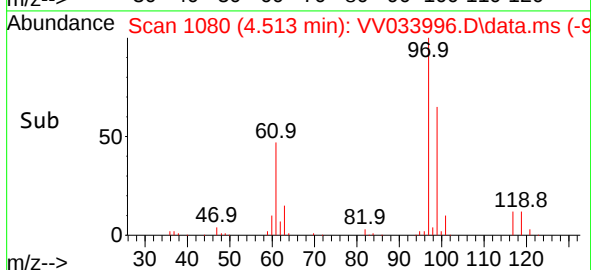
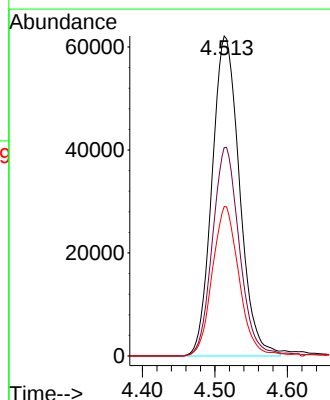
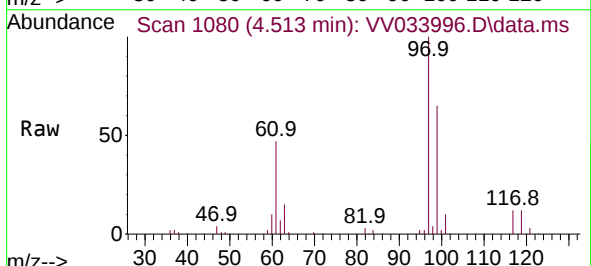
Tgt Ion: 97 Resp: 163558

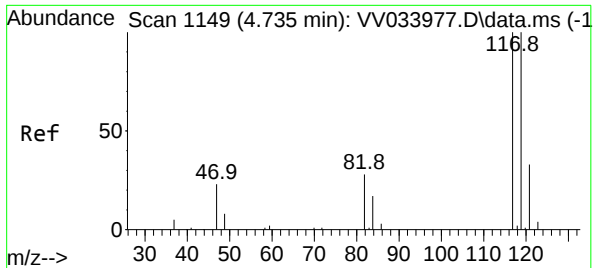
Ion Ratio Lower Upper

97 100

99 63.9 50.6 75.8

61 45.5 36.8 55.2

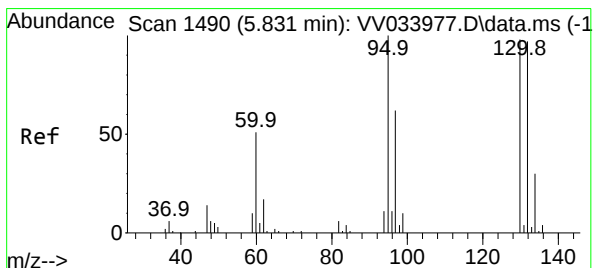
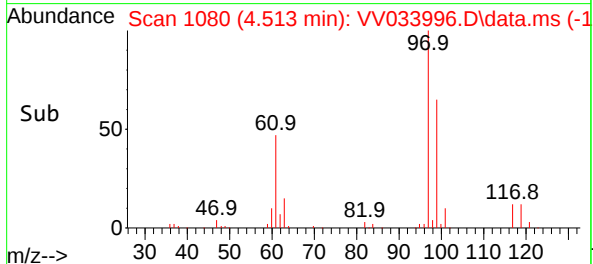
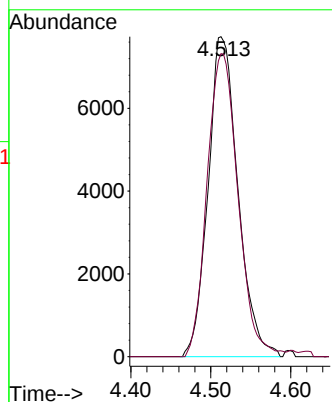
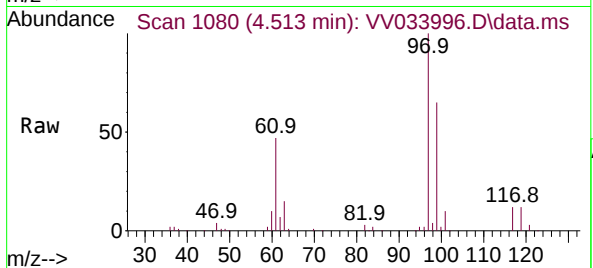




#31
Carbon tetrachloride
Concen: 1.953 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.222 min
Lab File: VV033996.D
Acq: 05 Feb 2024 18:26

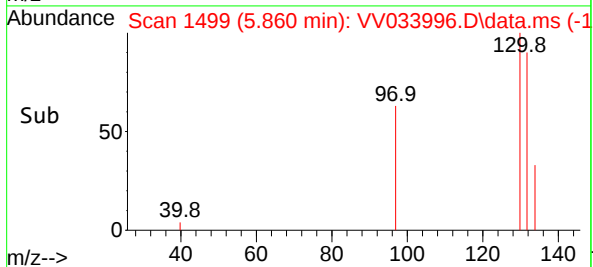
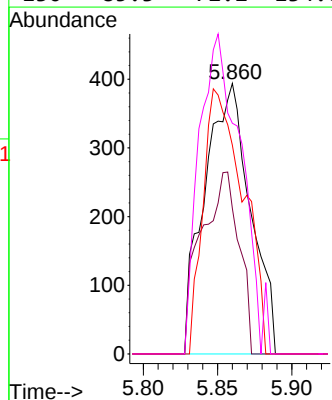
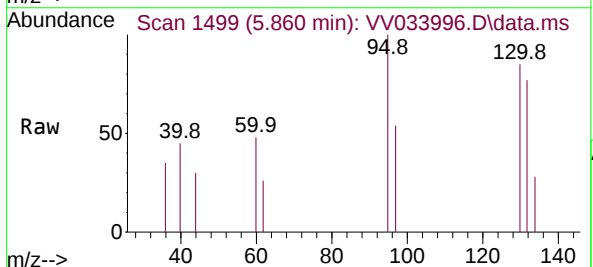
Instrument :
MSVOA_V
ClientSampleId :

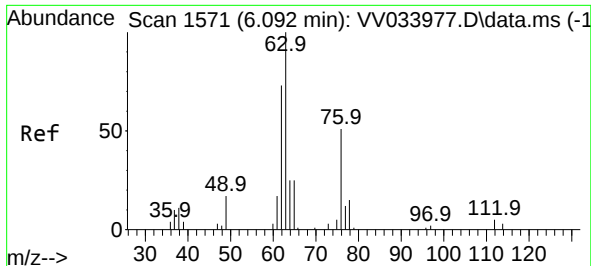
Tgt Ion:117 Resp: 20068
Ion Ratio Lower Upper
117 100
119 98.1 76.1 114.1



#34
Trichloroethene
Concen: 0.111 ug/L
RT: 5.860 min Scan# 1499
Delta R.T. 0.029 min
Lab File: VV033996.D
Acq: 05 Feb 2024 18:26

Tgt Ion: 95 Resp: 846
Ion Ratio Lower Upper
95 100
97 53.8 45.1 83.7
132 77.2 66.0 122.6
130 85.3 72.2 134.0





#37

1,2-Dichloropropane

Concen: 0.664 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV033996.D

Acq: 05 Feb 2024 18:26

Instrument :

MSVOA_V

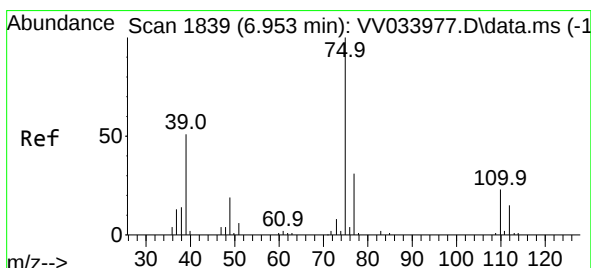
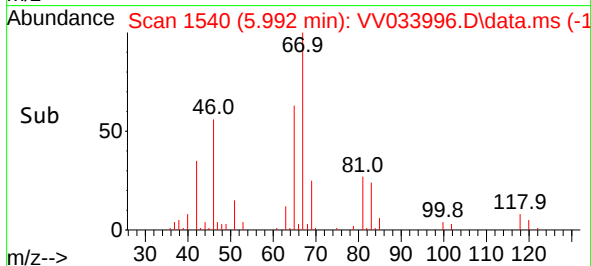
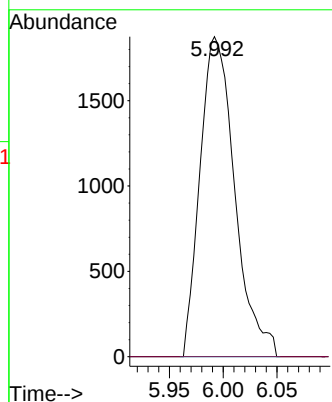
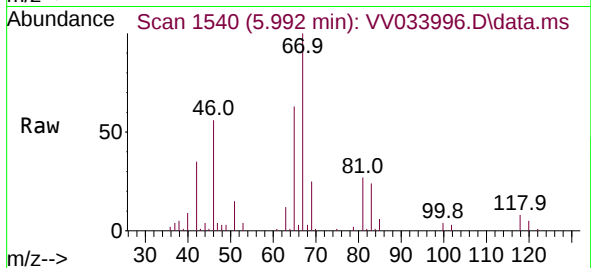
ClientSampleId :

Tgt Ion: 63 Resp: 4222

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.924 min Scan# 1830

Delta R.T. -0.029 min

Lab File: VV033996.D

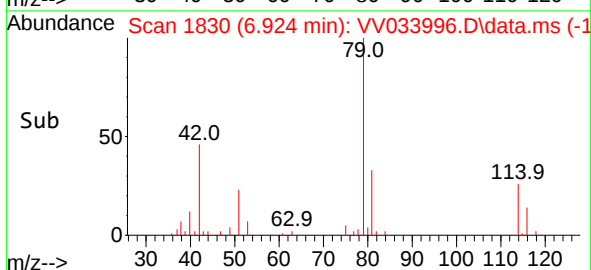
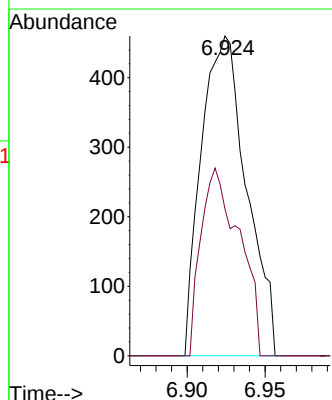
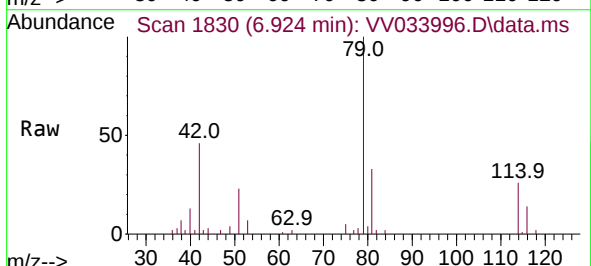
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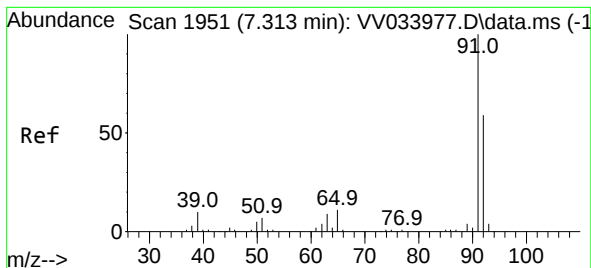
Tgt Ion: 75 Resp: 930

Ion Ratio Lower Upper

75 100

77 45.9 22.9 42.5#





#42

Toluene

Concen: 0.093 ug/L

RT: 7.336 min Scan# 1951

Delta R.T. 0.022 min

Lab File: VV033996.D

Acq: 05 Feb 2024 18:26

Instrument :

MSVOA_V

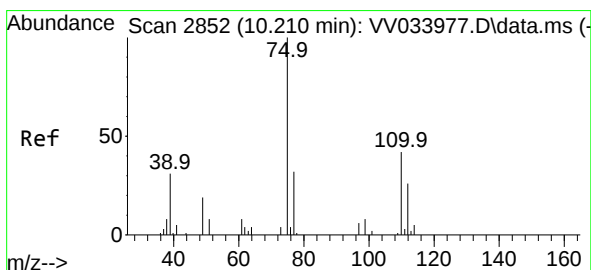
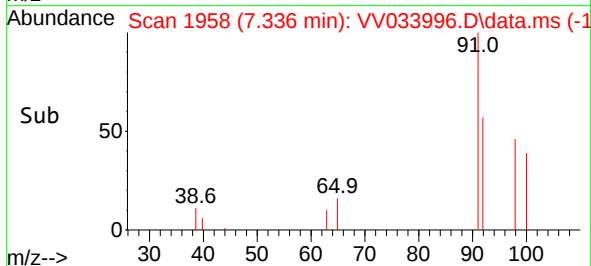
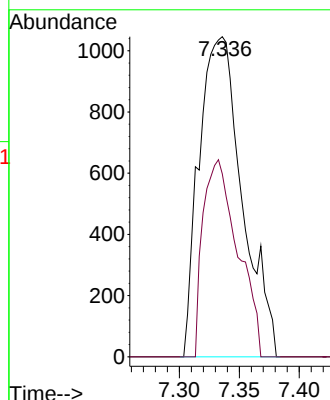
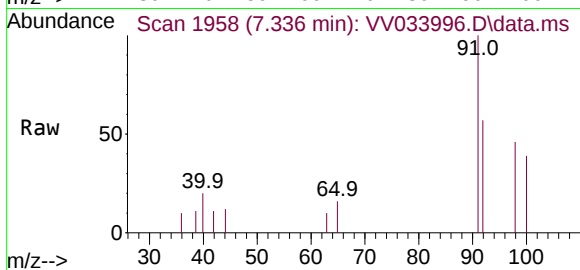
ClientSampleId :

Tgt Ion: 91 Resp: 2617

Ion Ratio Lower Upper

91 100

92 57.2 42.1 78.3



#61

1,2,3-Trichloropropane

Concen: 1.705 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.977 min

Lab File: VV033996.D

Acq: 05 Feb 2024 18:26

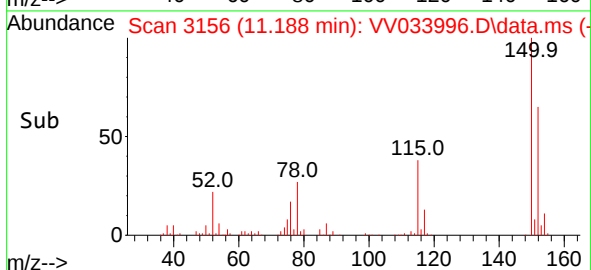
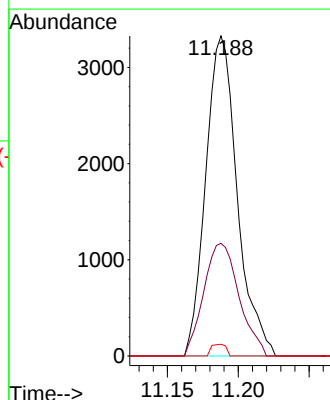
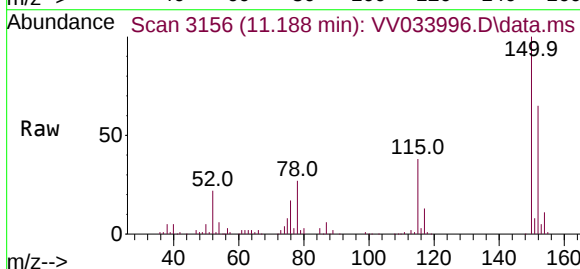
Tgt Ion: 75 Resp: 5140

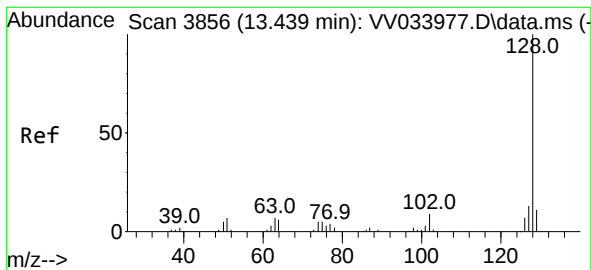
Ion Ratio Lower Upper

75 100

77 39.3 26.9 40.3

110 1.7 33.3 49.9#





#71

Naphthalene

Concen: 0.077 ug/L

RT: 13.461 min Scan# 3863

Delta R.T. 0.022 min

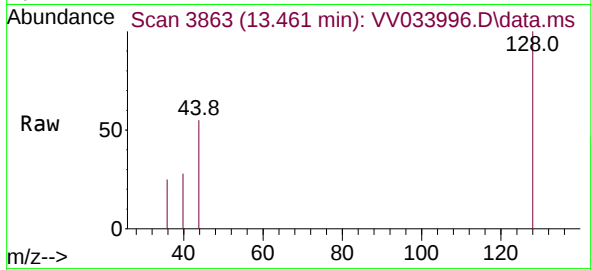
Lab File: VV033996.D

Acq: 05 Feb 2024 18:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 860

Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

127 0.0 10.4 15.6#

