

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031622\
 Data File : VW025056.D
 Acq On : 16 Mar 2022 18:34
 Operator : SY/MD
 Sample : N1941-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 02:05:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 01:58:56 2022
 Response via : Initial Calibration

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

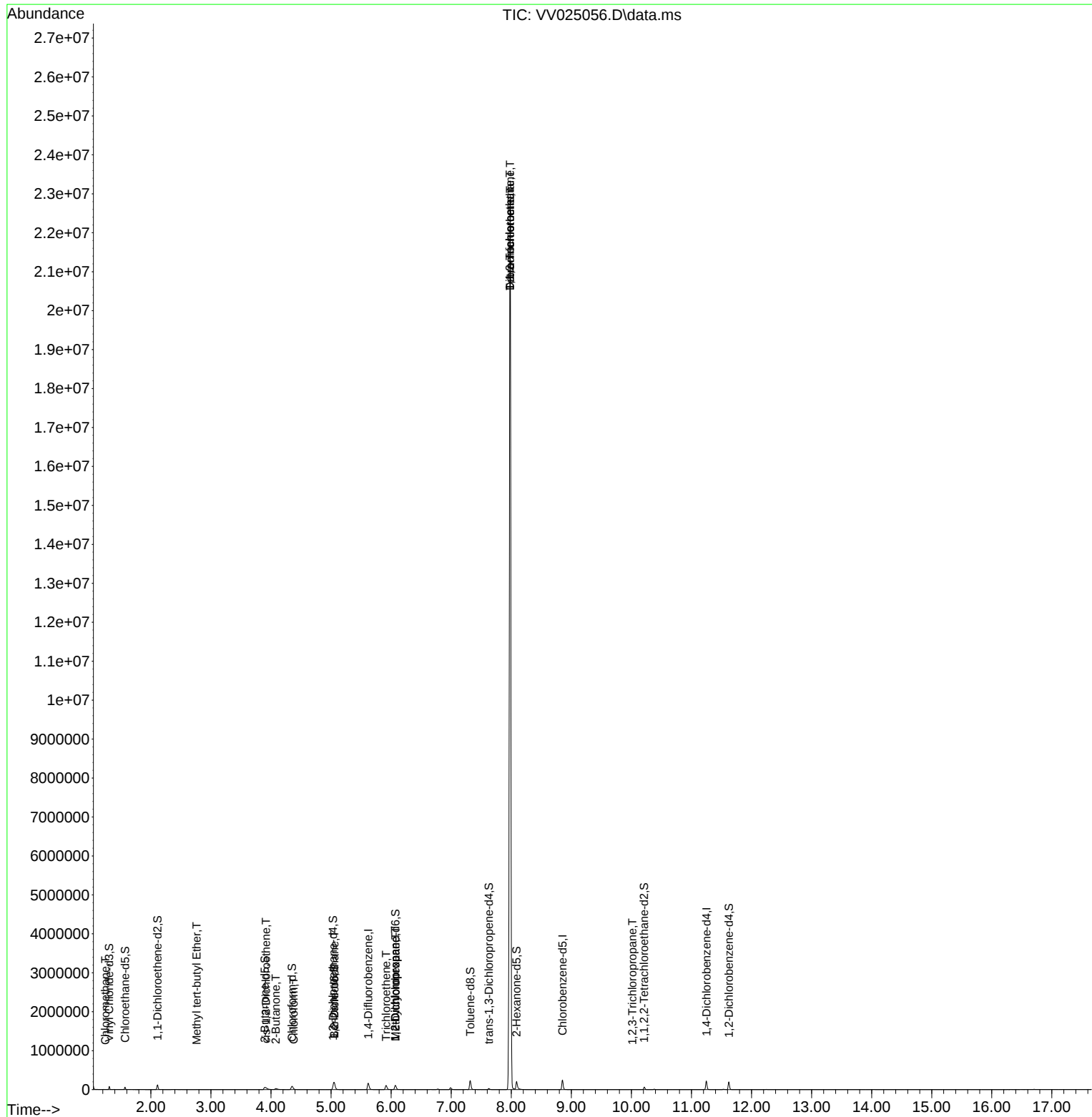
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	150387	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	139207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57654	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47806	4.027	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.571	69	39476	4.540	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.111	63	62487	3.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.896	46	86506	60.288	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.580%
24) Chloroform-d	4.352	84	91857	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.034	65	39594	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.053	84	184470	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.072	67	57336	4.938	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.317	98	156271	4.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.629	79	17460	4.313	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.088	63	74279	53.794	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.580%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32522	4.761	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	49811	5.103	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	597	0.048	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	856	0.041	ug/L #	74
21) 2-Butanone	4.079	43	48017	31.703	ug/L #	55
22) cis-1,2-Dichloroethene	3.915	96	7495	0.644	ug/L	90
25) Chloroform	4.378	83	1836	0.090	ug/L	96
27) 1,2-Dichloroethane	5.056	62	940	0.093	ug/L #	71
34) Trichloroethene	5.915	95	38708	3.211	ug/L	99
35) Methylcyclohexane	6.072	83	13852	0.726	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	5817	0.559	ug/L #	86
45) 1,1,2-Trichloroethane	7.979	97	46326	6.666	ug/L #	1
47) Tetrachloroethene	7.982	164	5014512	591.245	ug/L	98
49) Dibromochloromethane	7.982	129	5109826	656.832	ug/L #	10
61) 1,2,3-Trichloropropane	10.018	75	402	0.083	ug/L #	39

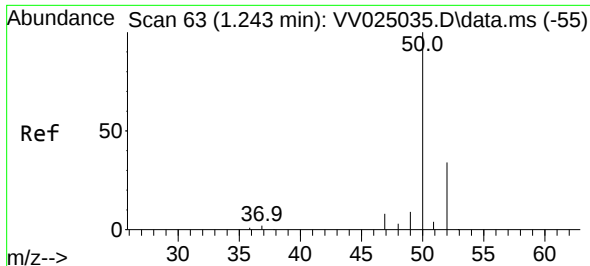
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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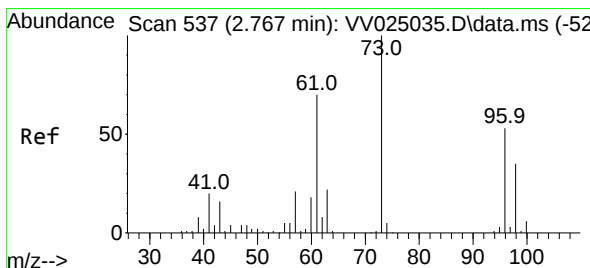
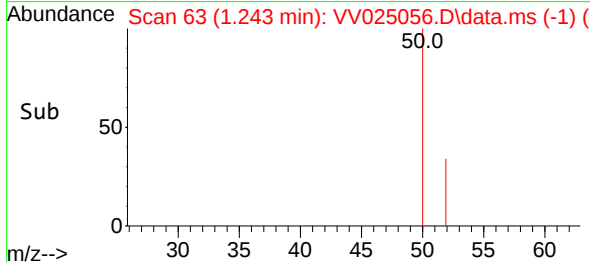
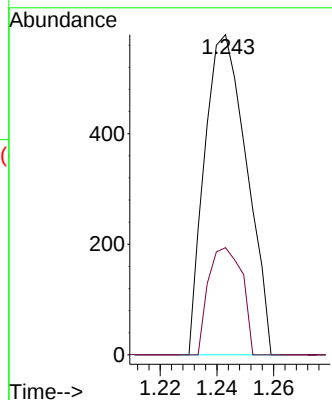
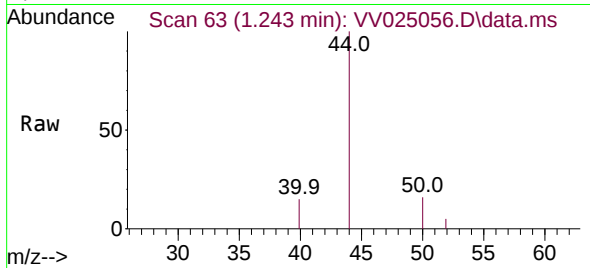




#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025056.D
Acq: 16 Mar 2022 18:34

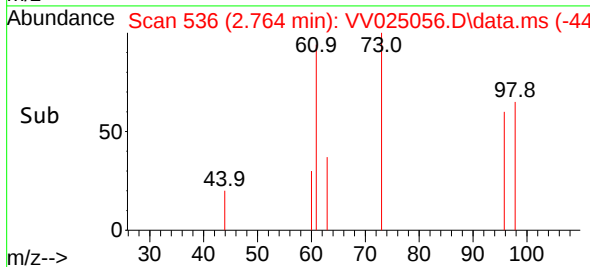
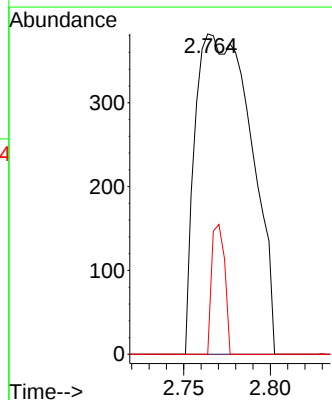
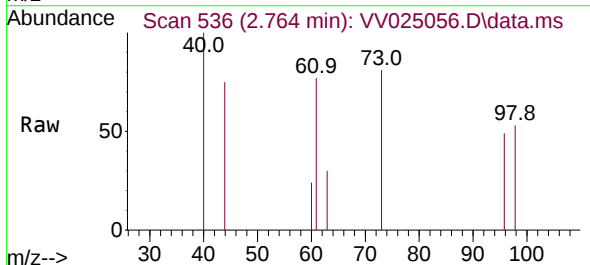
Instrument :
MSVOA_V
ClientSampleId :

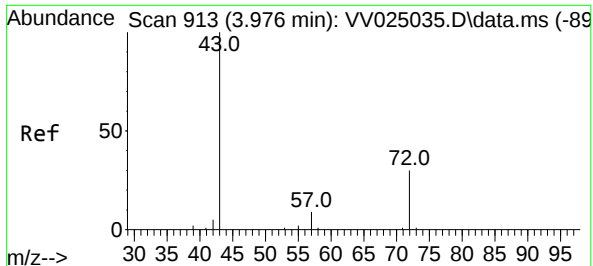
Tgt Ion: 50 Resp: 597
Ion Ratio Lower Upper
50 100
52 33.5 23.2 43.2



#17
Methyl tert-butyl Ether
Concen: 0.041 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV025056.D
Acq: 16 Mar 2022 18:34

Tgt Ion: 73 Resp: 856
Ion Ratio Lower Upper
73 100
43 4.9 13.2 19.8#
57 9.3 16.7 25.1#





#21

2-Butanone

Concen: 31.703 ug/L

RT: 4.079 min Scan# 945

Delta R.T. 0.103 min

Lab File: VV025056.D

Acq: 16 Mar 2022 18:34

Instrument :

MSVOA_V

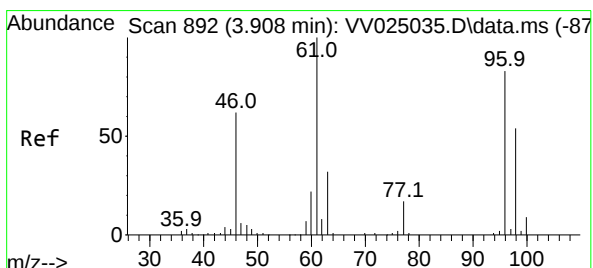
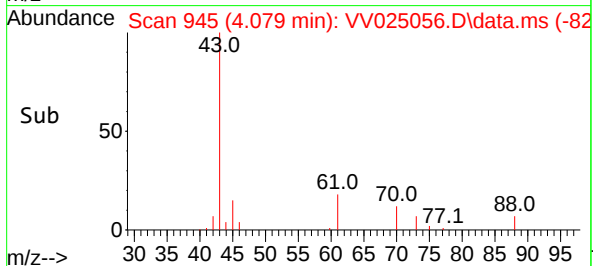
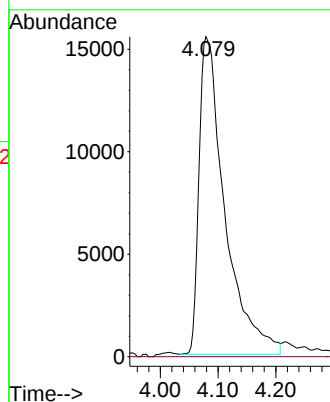
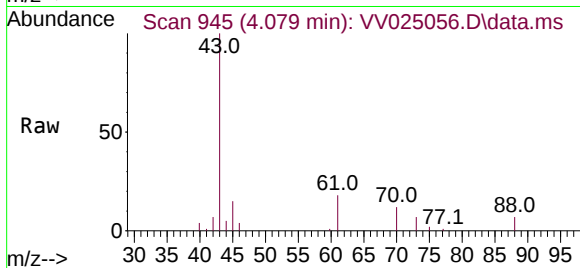
ClientSampleId :

Tgt Ion: 43 Resp: 48017

Ion Ratio Lower Upper

43 100

72 0.0 10.4 31.2#



#22

cis-1,2-Dichloroethene

Concen: 0.644 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.006 min

Lab File: VV025056.D

Acq: 16 Mar 2022 18:34

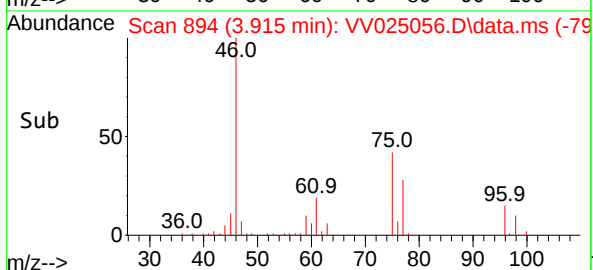
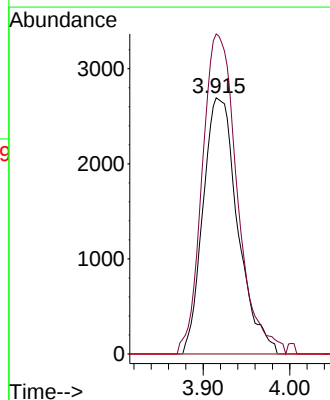
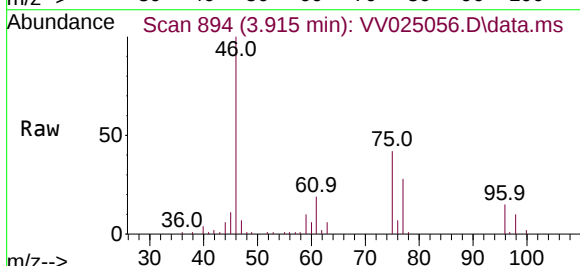
Tgt Ion: 96 Resp: 7495

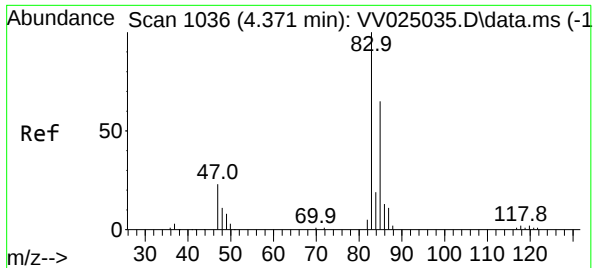
Ion Ratio Lower Upper

96 100

61 124.9 79.7 147.9

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.090 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025056.D

Acq: 16 Mar 2022 18:34

Instrument :

MSVOA_V

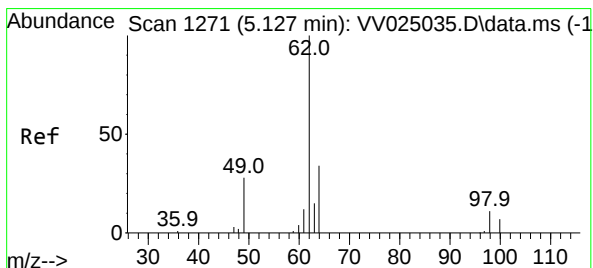
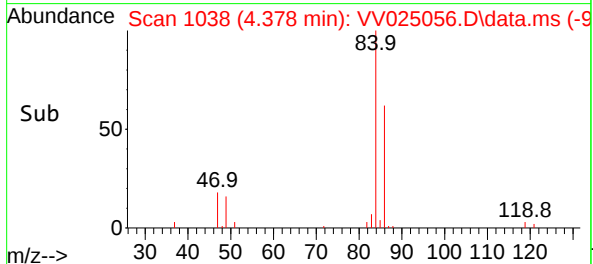
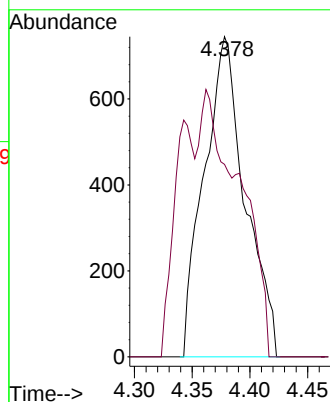
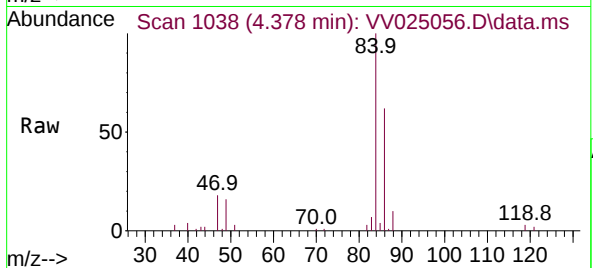
ClientSampleId :

Tgt Ion: 83 Resp: 1836

Ion Ratio Lower Upper

83 100

85 60.1 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.071 min

Lab File: VV025056.D

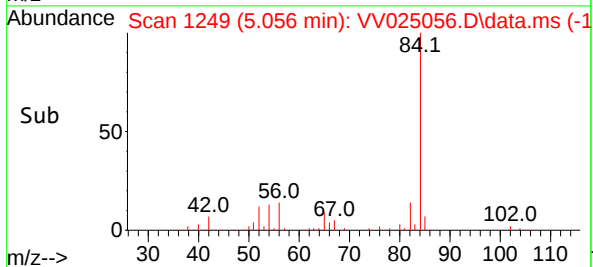
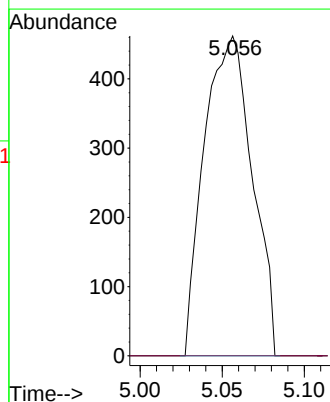
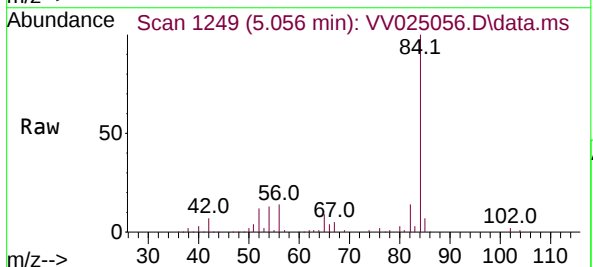
Acq: 16 Mar 2022 18:34

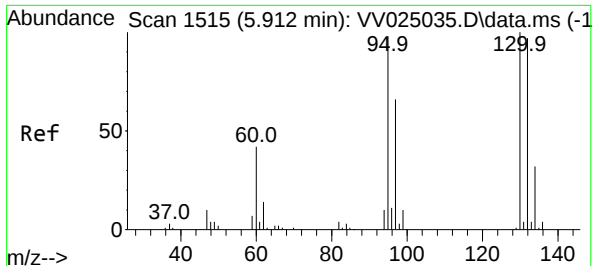
Tgt Ion: 62 Resp: 940

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#





#34

Trichloroethene

Concen: 3.211 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025056.D

Acq: 16 Mar 2022 18:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 38708

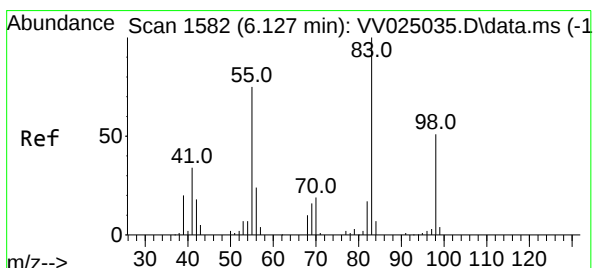
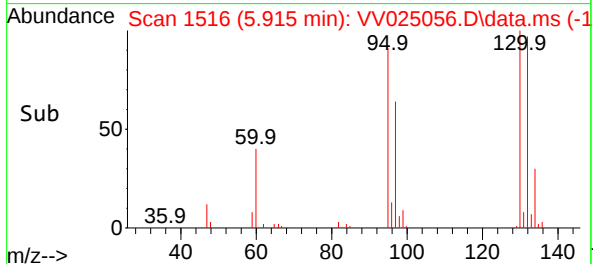
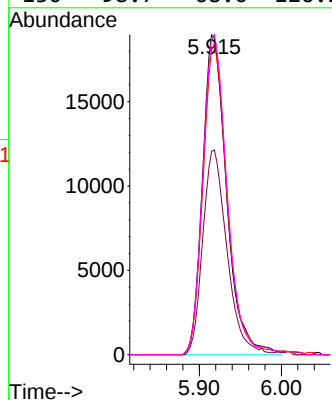
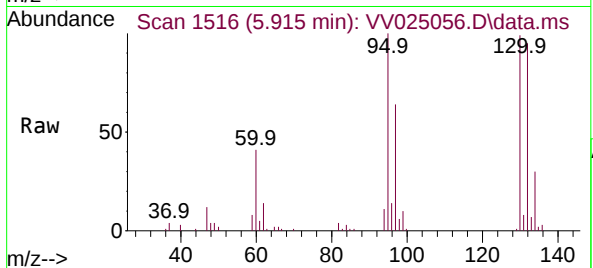
Ion Ratio Lower Upper

95 100

97 63.6 44.5 82.7

132 95.4 66.5 123.5

130 98.7 68.0 126.2



#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025056.D

Acq: 16 Mar 2022 18:34

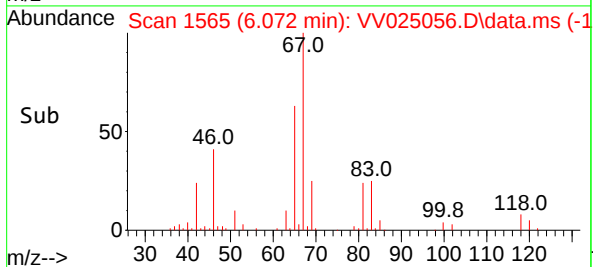
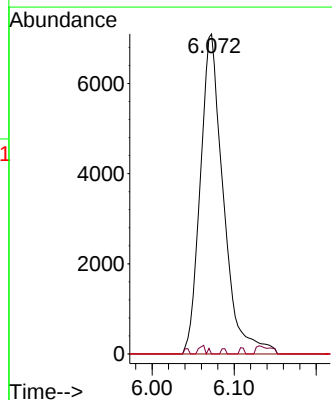
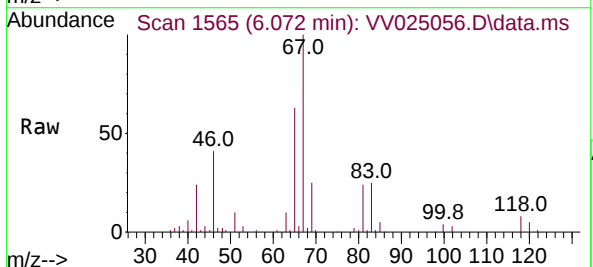
Tgt Ion: 83 Resp: 13852

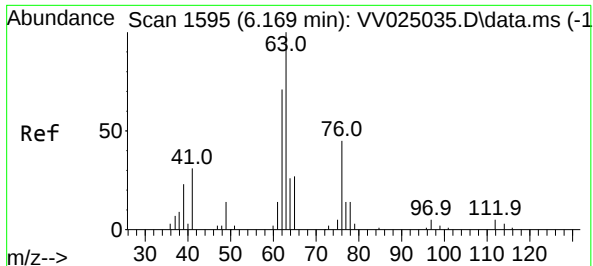
Ion Ratio Lower Upper

83 100

55 0.8 55.4 83.0#

98 0.0 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.559 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV025056.D

Acq: 16 Mar 2022 18:34

Instrument :

MSVOA_V

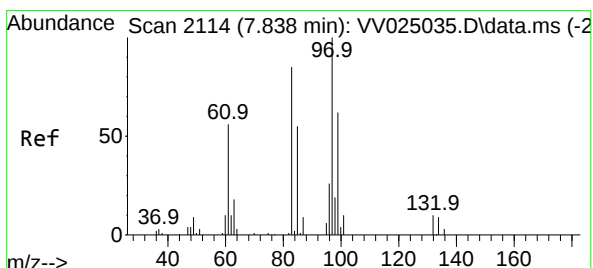
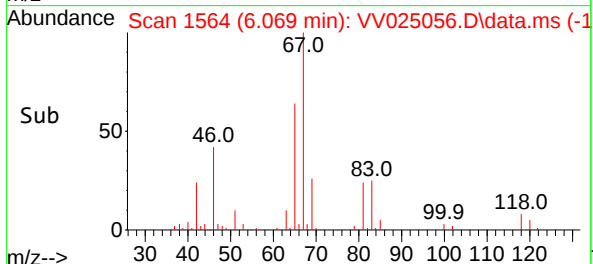
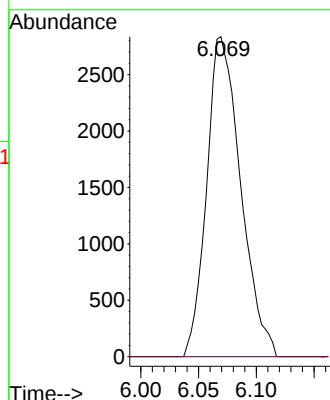
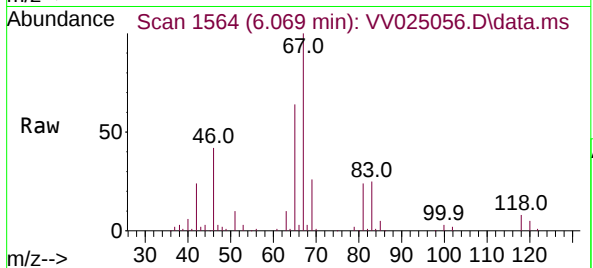
ClientSampleId :

Tgt Ion: 63 Resp: 5817

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#45

1,1,2-Trichloroethane

Concen: 6.666 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.142 min

Lab File: VV025056.D

Acq: 16 Mar 2022 18:34

Tgt Ion: 97 Resp: 46326

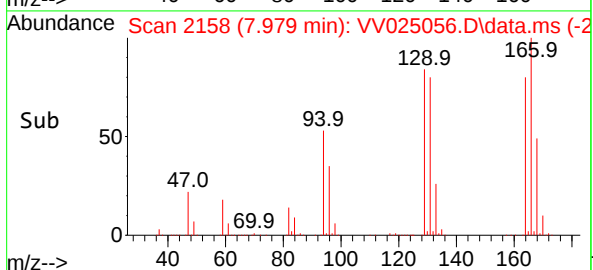
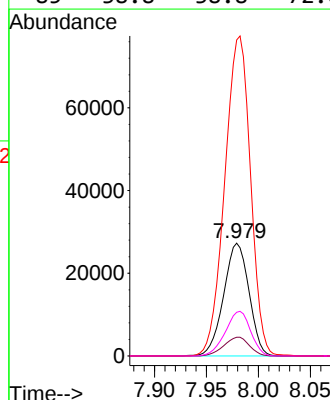
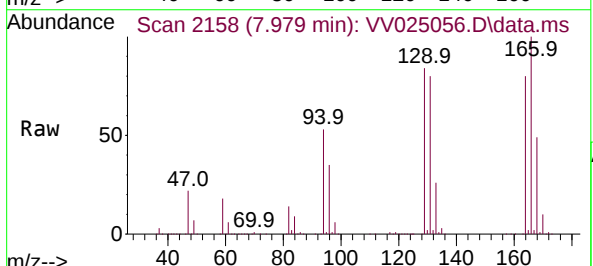
Ion Ratio Lower Upper

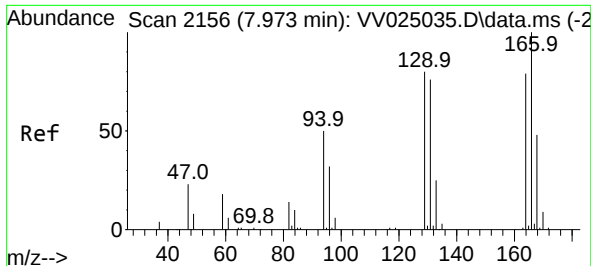
97 100

99 16.6 43.7 81.1#

83 280.0 58.9 109.3#

85 38.8 38.8 72.0#





#47

Tetrachloroethene

Concen: 591.245 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

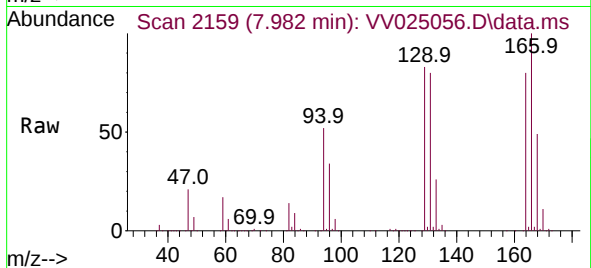
Lab File: VV025056.D

Acq: 16 Mar 2022 18:34

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 5014512

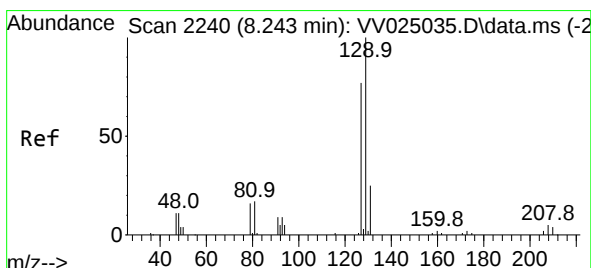
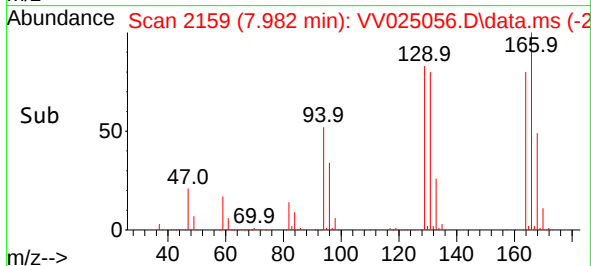
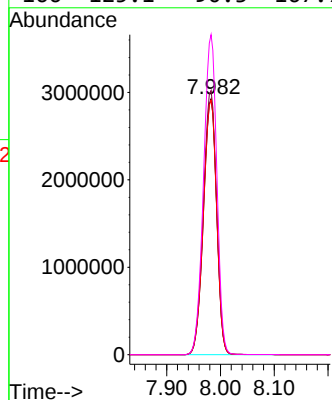
Ion Ratio Lower Upper

164 100

129 103.3 70.3 130.7

131 99.6 69.4 129.0

166 125.1 90.3 167.7



#49

Dibromochloromethane

Concen: 656.832 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.260 min

Lab File: VV025056.D

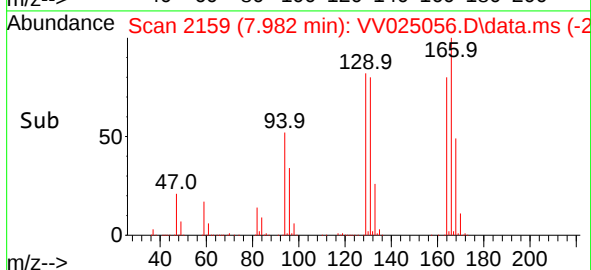
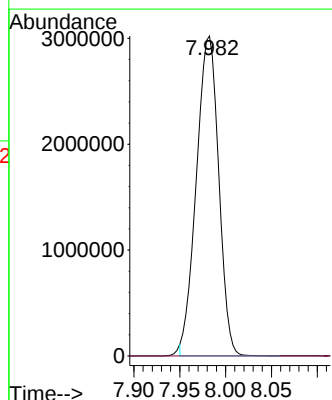
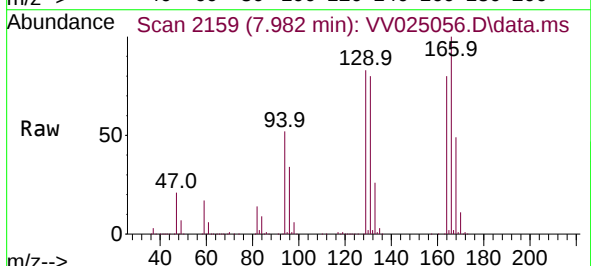
Acq: 16 Mar 2022 18:34

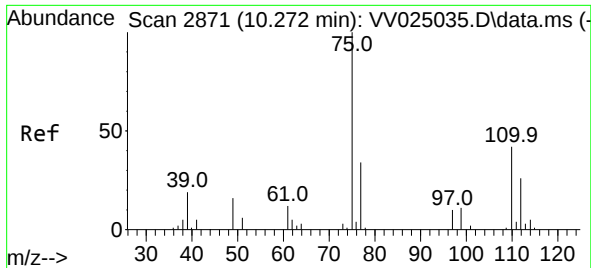
Tgt Ion:129 Resp: 5109826

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#





#61

1,2,3-Trichloropropane

Concen: 0.083 ug/L

RT: 10.018 min Scan# 21

Delta R.T. -0.254 min

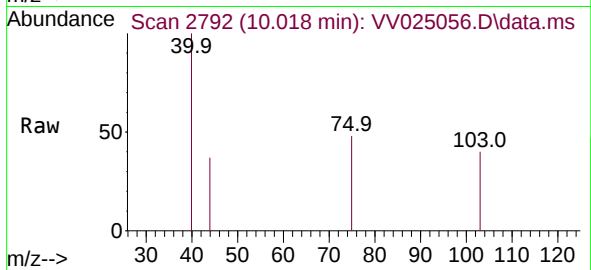
Lab File: VV025056.D

Acq: 16 Mar 2022 18:34

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 402

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

110 0.0 31.2 46.8#

