

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031622\
 Data File : VW025059.D
 Acq On : 16 Mar 2022 19:44
 Operator : SY/MD
 Sample : N1941-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 02:06:24 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)

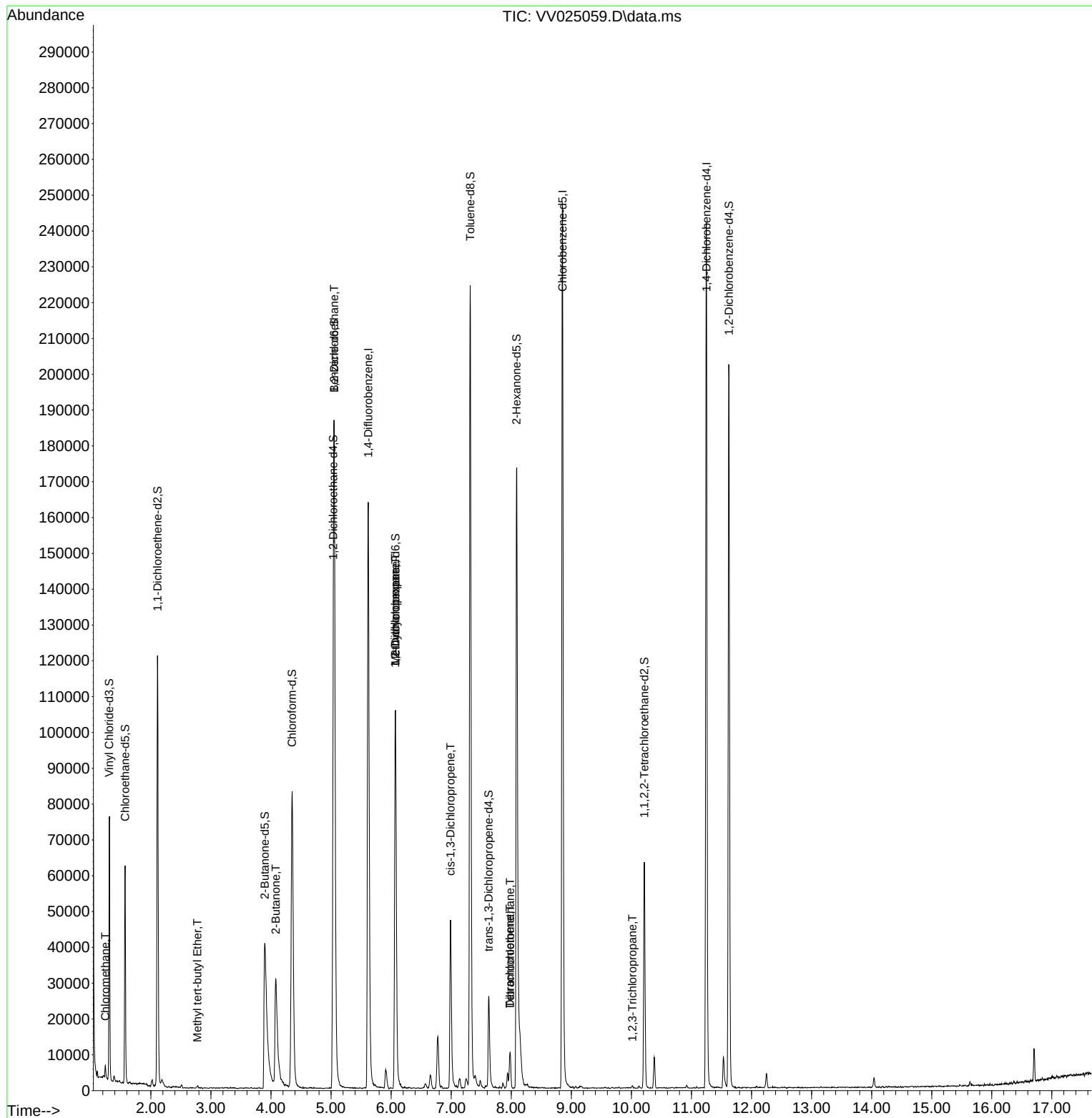
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	149359	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	145181	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62712	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46842	3.972	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.400%	
7) Chloroethane-d5	1.571	69	38845	4.499	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.000%	
11) 1,1-Dichloroethene-d2	2.111	63	61966	3.251	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.000%	
20) 2-Butanone-d5	3.895	46	84926	59.594	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.180%	
24) Chloroform-d	4.352	84	89167	4.559	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	5.037	65	39791	4.867	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
32) Benzene-d6	5.053	84	180830	4.294	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
36) 1,2-Dichloropropane-d6	6.072	67	56713	4.683	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.316	98	155087	4.040	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.800%	
43) trans-1,3-Dichloroprop...	7.625	79	16408	3.886	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.800%	
46) 2-Hexanone-d5	8.088	63	64135	44.537	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.080%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32578	4.573	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	51616	4.862	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.200%	
Target Compounds						Qvalue
3) Chloromethane	1.243	50	2065	0.166	ug/L	96
17) Methyl tert-butyl Ether	2.773	73	798	0.039	ug/L #	72
21) 2-Butanone	4.079	43	53524	35.582	ug/L #	55
27) 1,2-Dichloroethane	5.053	62	944	0.094	ug/L #	71
35) Methylcyclohexane	6.072	83	13659	0.686	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	5749	0.530	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1228	0.082	ug/L #	73
47) Tetrachloroethene	7.979	164	2454	0.277	ug/L	96
49) Dibromochloromethane	7.982	129	2418	0.298	ug/L #	10
61) 1,2,3-Trichloropropane	10.017	75	397	0.075	ug/L #	39

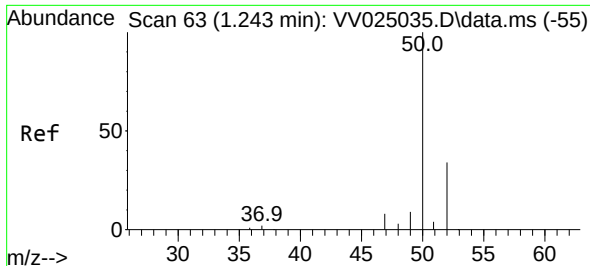
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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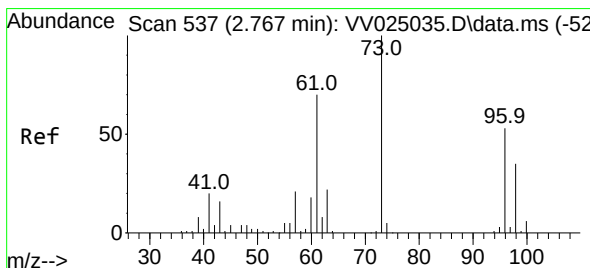
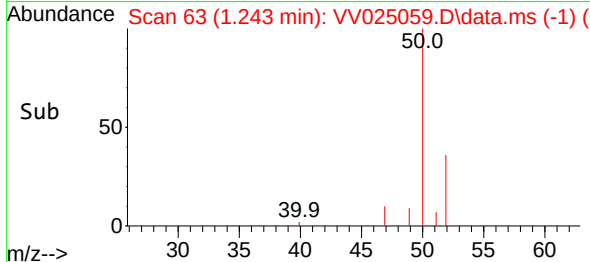
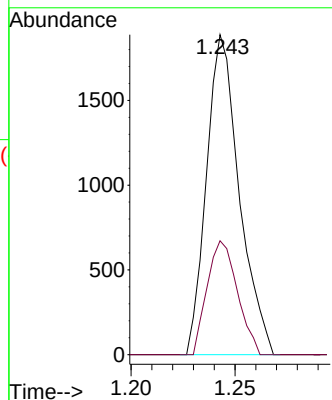
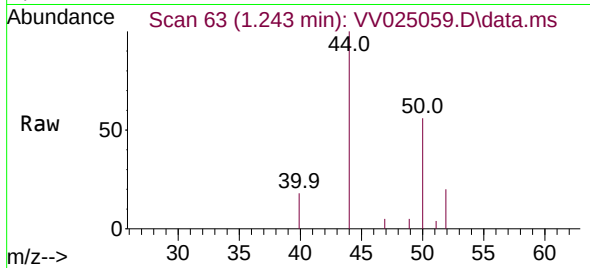




#3
Chloromethane
Concen: 0.166 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025059.D
Acq: 16 Mar 2022 19:44

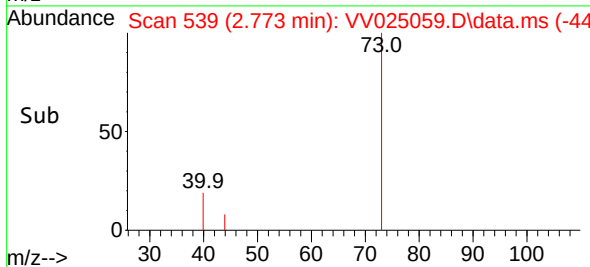
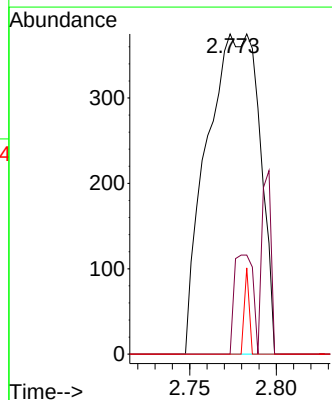
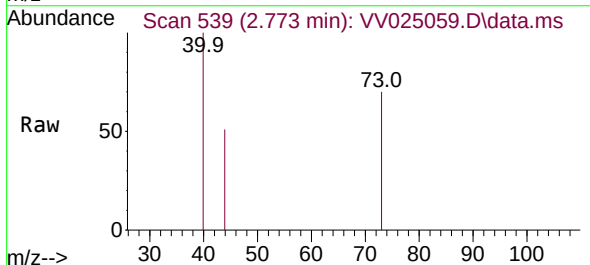
Instrument :
MSVOA_V
ClientSampleId :

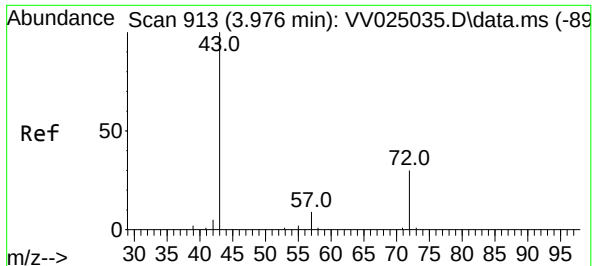
Tgt Ion: 50 Resp: 2065
Ion Ratio Lower Upper
50 100
52 35.6 23.2 43.2



#17
Methyl tert-butyl Ether
Concen: 0.039 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV025059.D
Acq: 16 Mar 2022 19:44

Tgt Ion: 73 Resp: 798
Ion Ratio Lower Upper
73 100
43 10.8 13.2 19.8#
57 2.4 16.7 25.1#





#21

2-Butanone

Concen: 35.582 ug/L

RT: 4.079 min Scan# 945

Delta R.T. 0.103 min

Lab File: VV025059.D

Acq: 16 Mar 2022 19:44

Instrument :

MSVOA_V

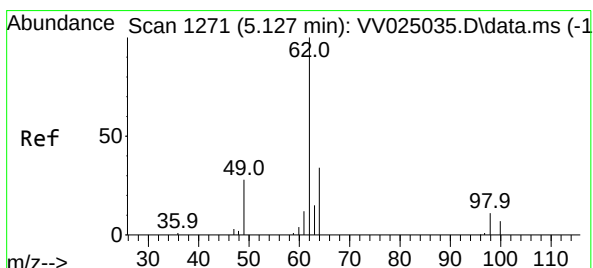
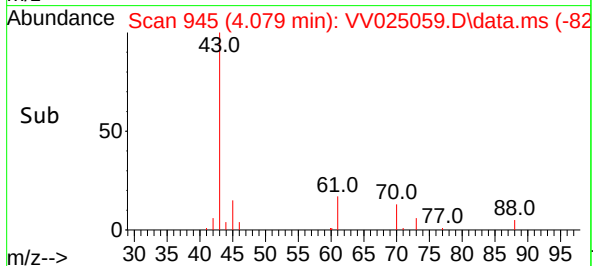
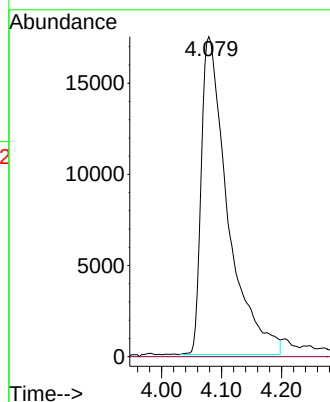
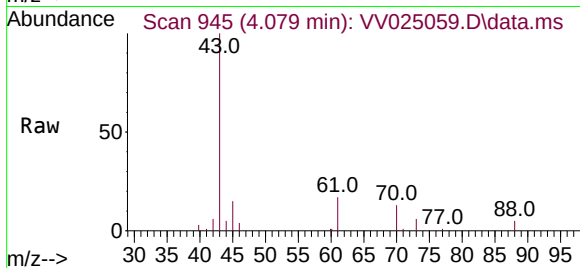
ClientSampleId :

Tgt Ion: 43 Resp: 53524

Ion Ratio Lower Upper

43 100

72 0.0 10.4 31.2#



#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.074 min

Lab File: VV025059.D

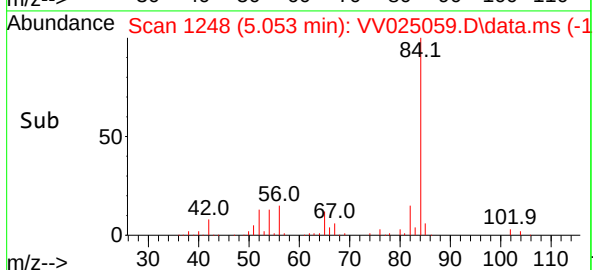
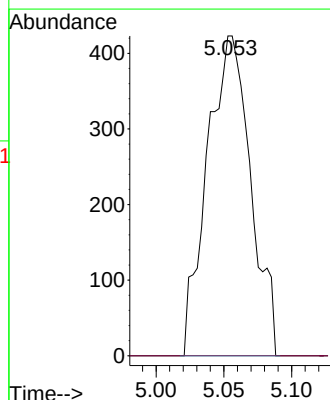
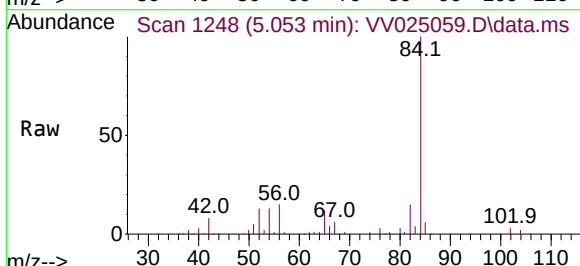
Acq: 16 Mar 2022 19:44

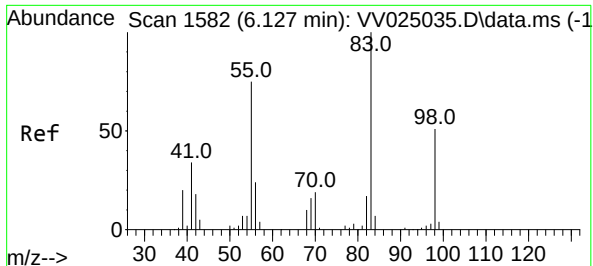
Tgt Ion: 62 Resp: 944

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#





#35

Methylcyclohexane

Concen: 0.686 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV025059.D

Acq: 16 Mar 2022 19:44

Instrument :

MSVOA_V

ClientSampleId :

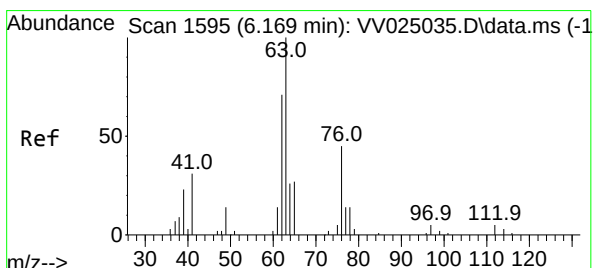
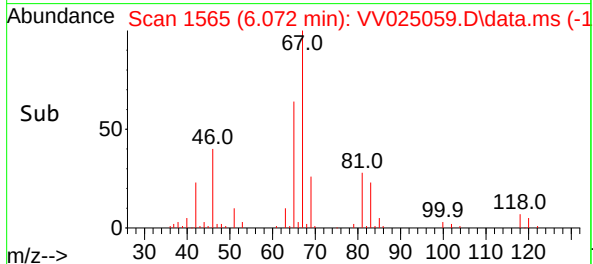
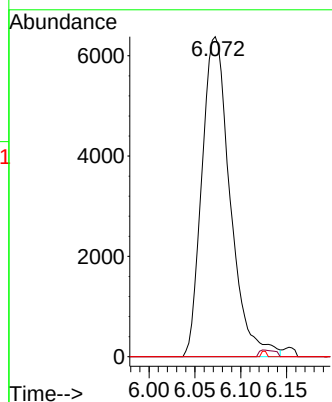
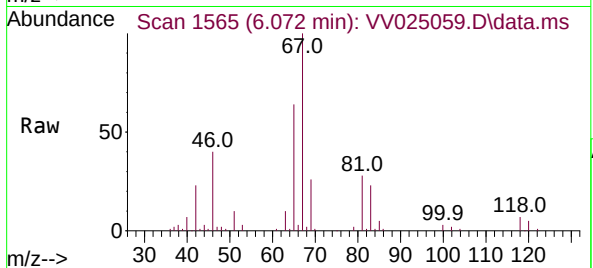
Tgt Ion: 83 Resp: 13659

Ion Ratio Lower Upper

83 100

55 1.2 55.4 83.0#

98 0.3 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 0.530 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025059.D

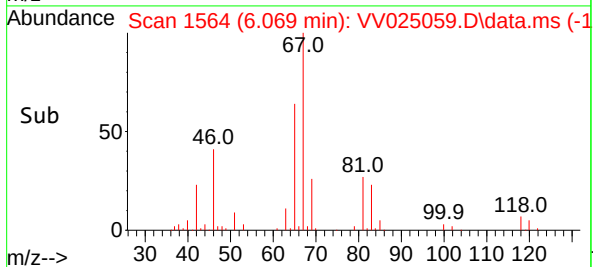
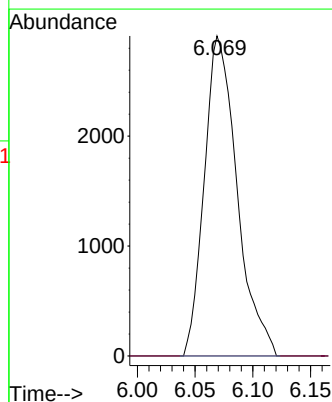
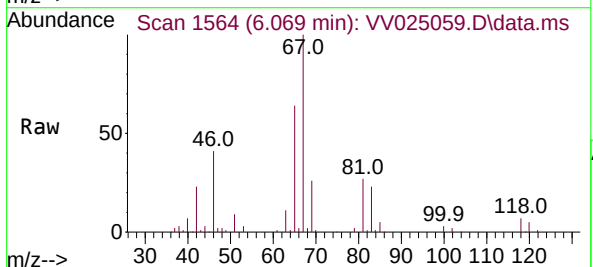
Acq: 16 Mar 2022 19:44

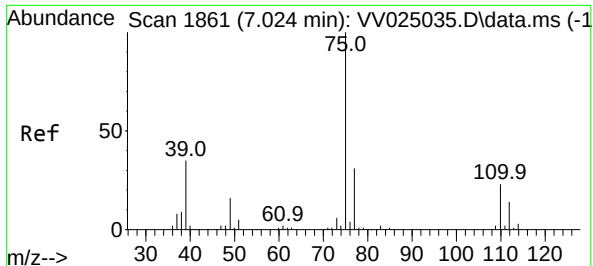
Tgt Ion: 63 Resp: 5749

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV025059.D

Acq: 16 Mar 2022 19:44

Instrument :

MSVOA_V

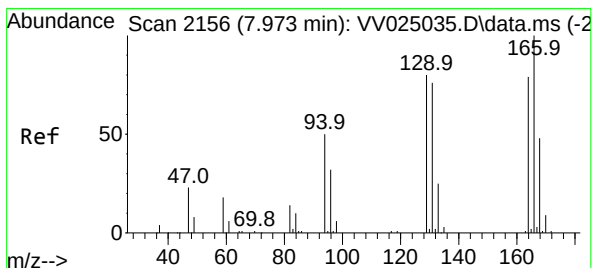
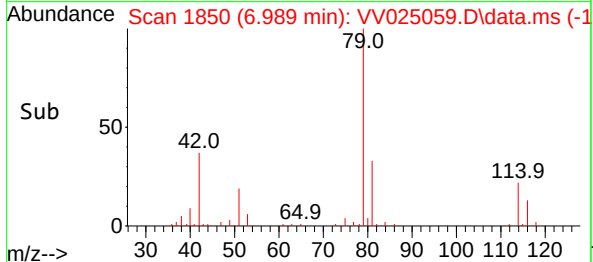
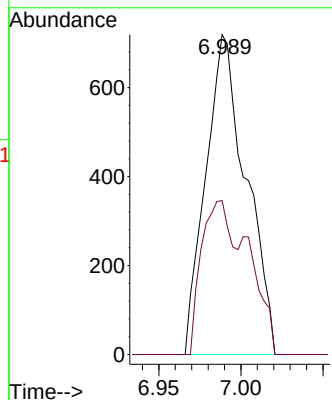
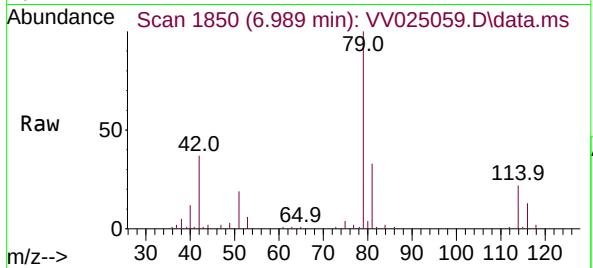
ClientSampleId :

Tgt Ion: 75 Resp: 1228

Ion Ratio Lower Upper

75 100

77 48.1 23.0 42.8#



#47

Tetrachloroethene

Concen: 0.277 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV025059.D

Acq: 16 Mar 2022 19:44

Tgt Ion: 164 Resp: 2454

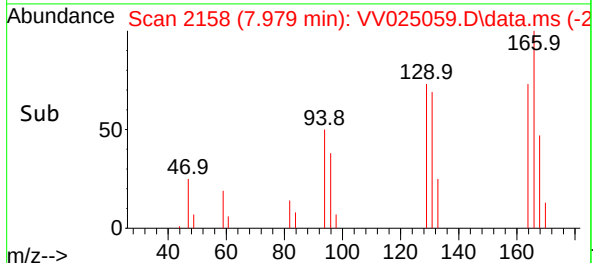
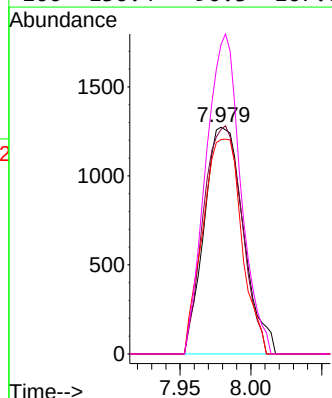
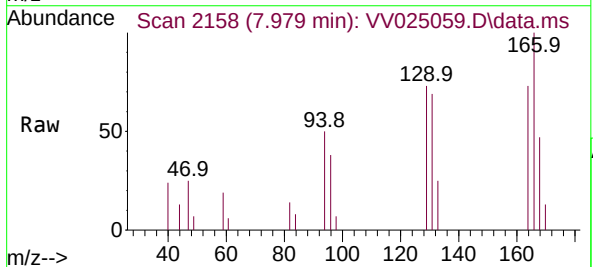
Ion Ratio Lower Upper

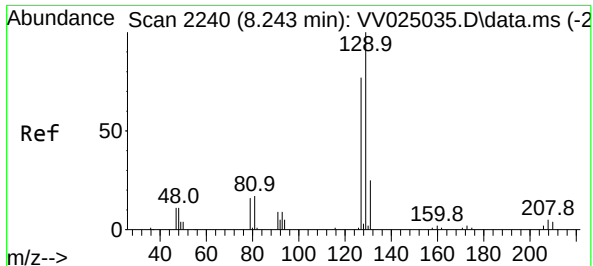
164 100

129 99.1 70.3 130.7

131 94.6 69.4 129.0

166 136.4 90.3 167.7





#49

Dibromochloromethane

Concen: 0.298 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.261 min

Lab File: VV025059.D

Acq: 16 Mar 2022 19:44

Instrument :

MSVOA_V

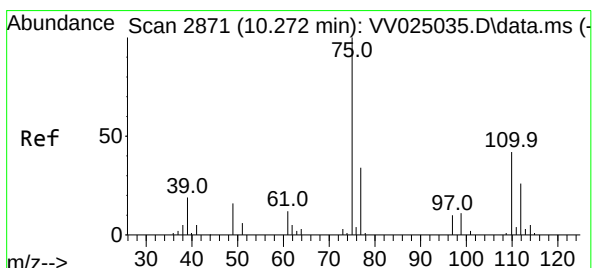
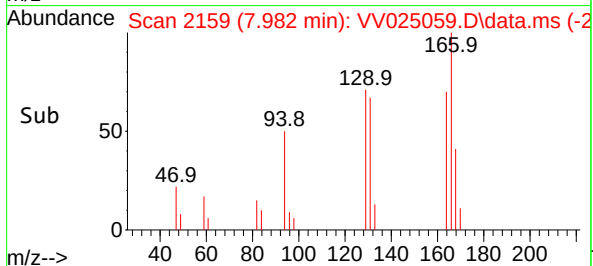
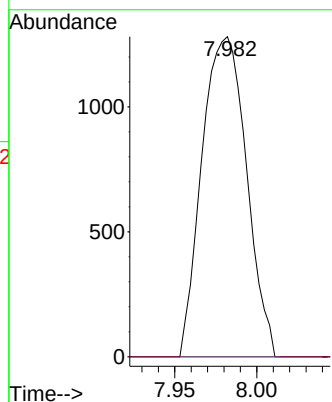
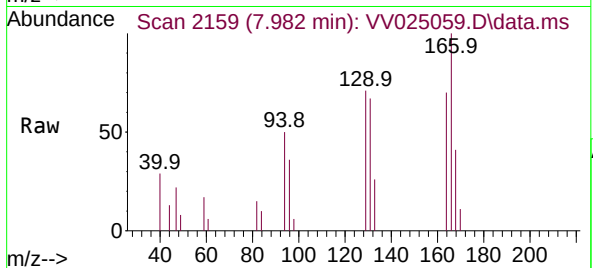
ClientSampleId :

Tgt Ion:129 Resp: 2418

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#61

1,2,3-Trichloropropane

Concen: 0.075 ug/L

RT: 10.017 min Scan# 2792

Delta R.T. -0.254 min

Lab File: VV025059.D

Acq: 16 Mar 2022 19:44

Tgt Ion: 75 Resp: 397

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

110 0.0 31.2 46.8#

