

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW025008.D
 Acq On : 15 Mar 2022 19:43
 Operator : SY/MD
 Sample : M1934-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDE0

Quant Time: Mar 16 03:41:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 03:30:21 2022
 Response via : Initial Calibration

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

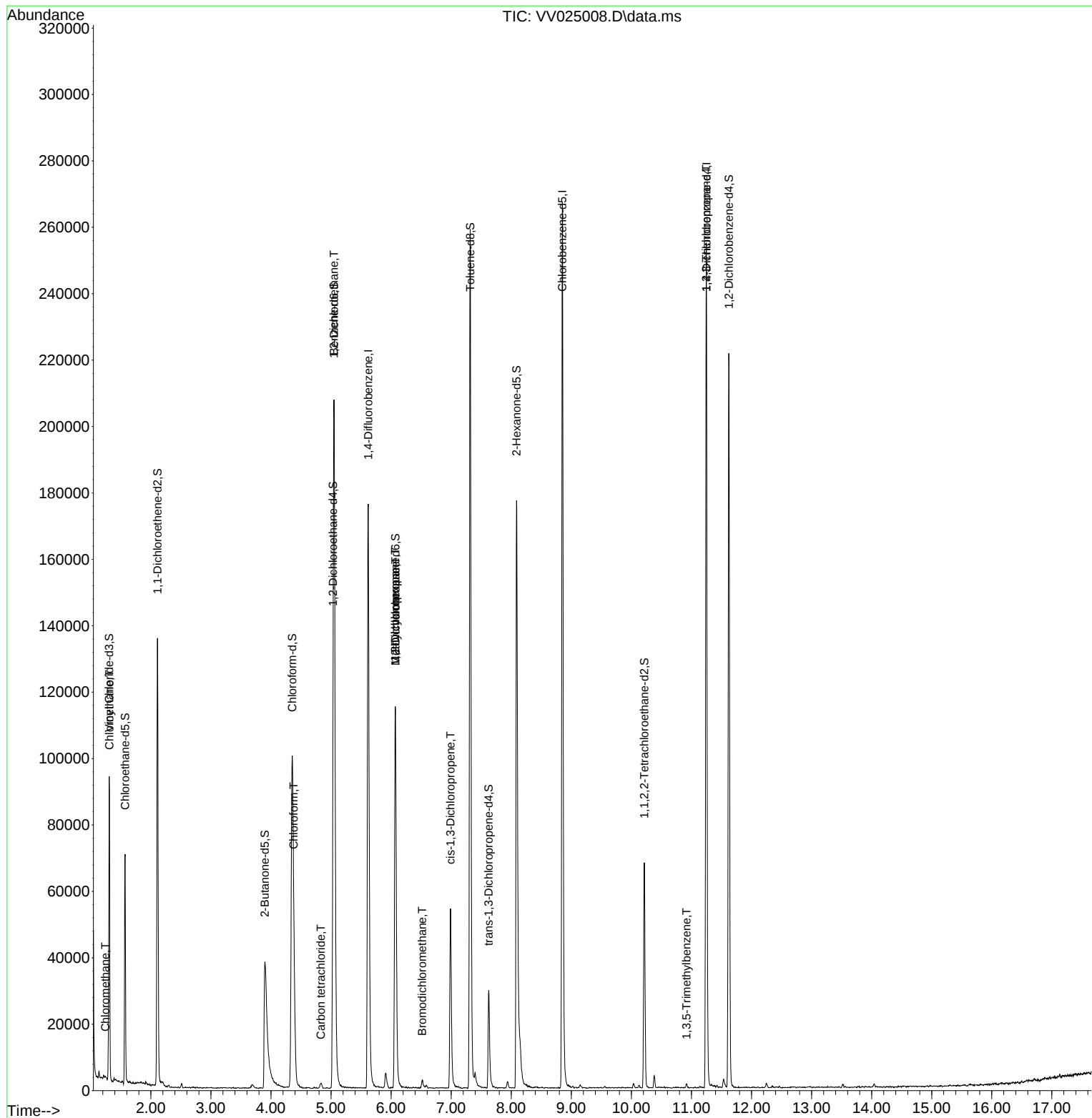
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	159582	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	150740	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65944	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56121	4.454	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.571	69	44249	4.796	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.111	63	69525	3.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.899	46	81927	53.807	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.620%
24) Chloroform-d	4.352	84	99986	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.034	65	43089	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.050	84	201635	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.072	67	60609	4.820	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.317	98	173066	4.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.625	79	19569	4.464	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.088	63	67462	45.119	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.240%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34794	4.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	56068	5.022	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	586	0.044	ug/L	89
8) Chloroethane	1.310	64	740	0.087	ug/L #	1
25) Chloroform	4.378	83	35538	1.639	ug/L	93
27) 1,2-Dichloroethane	5.047	62	1008	0.094	ug/L #	71
31) Carbon tetrachloride	4.828	117	1252	0.076	ug/L #	50
35) Methylcyclohexane	6.072	83	14717	0.712	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6202	0.550	ug/L #	86
38) Bromodichloromethane	6.516	83	1974	0.139	ug/L #	93
39) cis-1,3-Dichloropropene	6.989	75	1310	0.084	ug/L #	59
61) 1,2,3-Trichloropropane	11.246	75	8562	1.544	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.918	105	815	0.036	ug/L	95

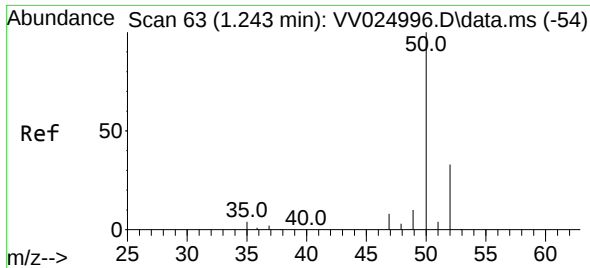
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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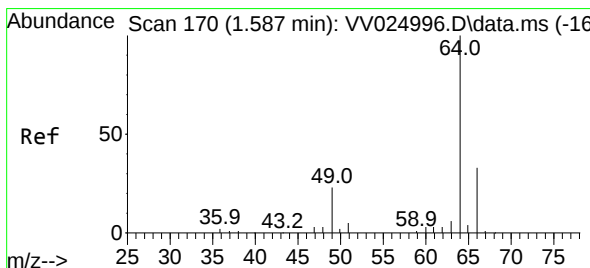
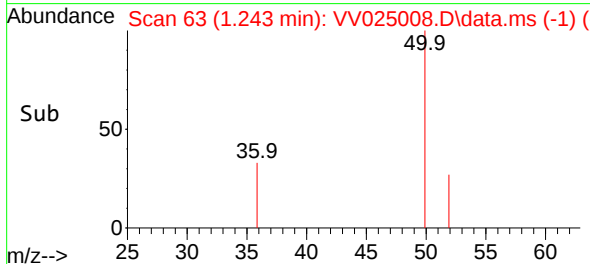
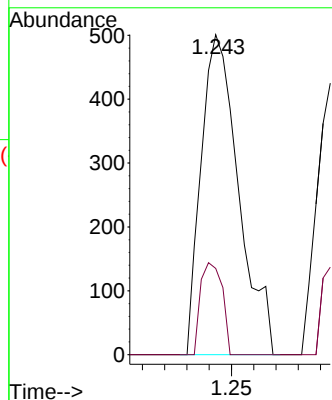
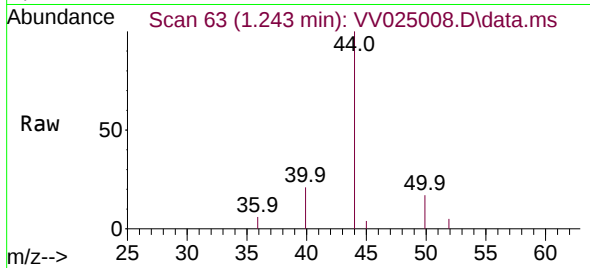




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025008.D
Acq: 15 Mar 2022 19:43

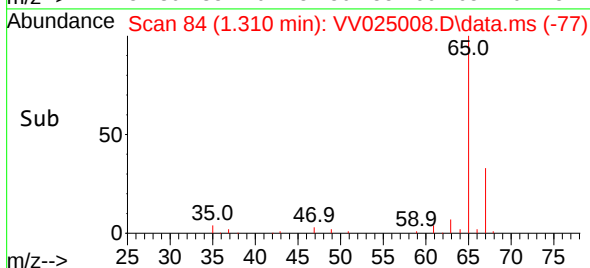
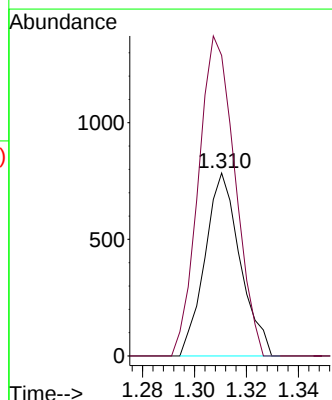
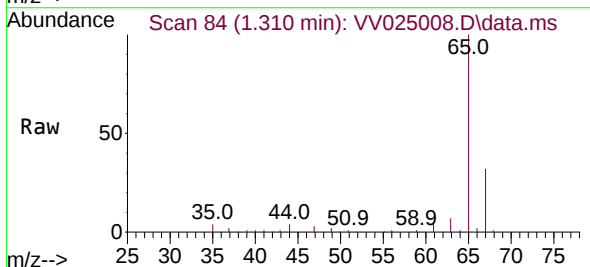
Instrument :
MSVOA_V
ClientSampleId :
GBDE0

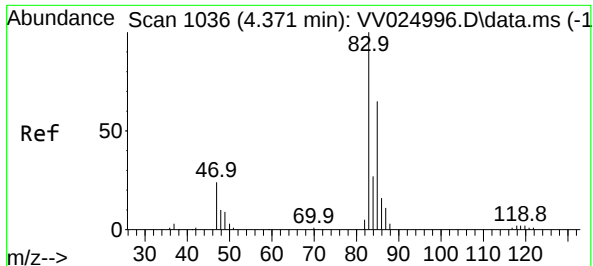
Tgt Ion: 50 Resp: 586
Ion Ratio Lower Upper
50 100
52 26.9 23.2 43.2



#8
Chloroethane
Concen: 0.087 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.276 min
Lab File: VV025008.D
Acq: 15 Mar 2022 19:43

Tgt Ion: 64 Resp: 740
Ion Ratio Lower Upper
64 100
66 164.3 22.5 41.7#





#25

Chloroform

Concen: 1.639 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VV025008.D

Acq: 15 Mar 2022 19:43

Instrument :

MSVOA_V

ClientSampleId :

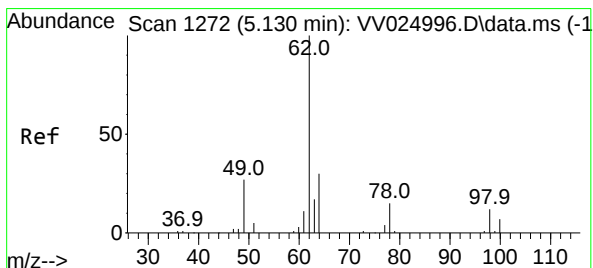
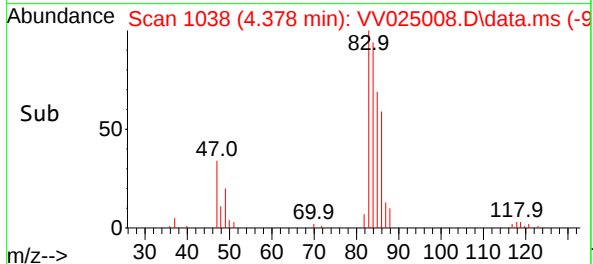
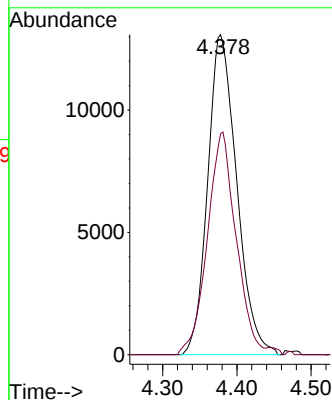
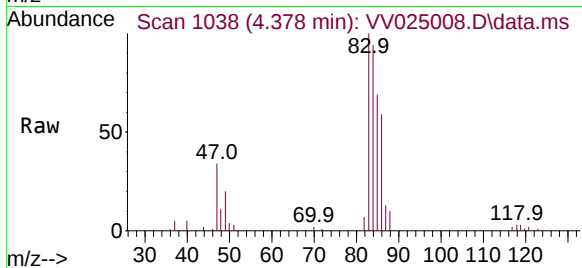
GBDE0

Tgt Ion: 83 Resp: 35538

Ion Ratio Lower Upper

83 100

85 69.0 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.083 min

Lab File: VV025008.D

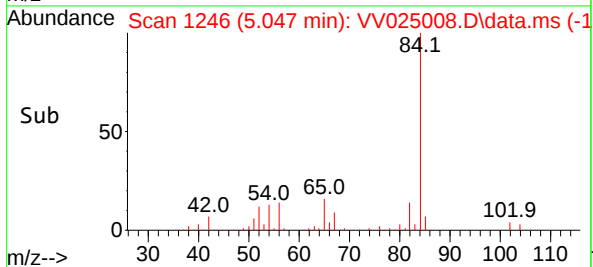
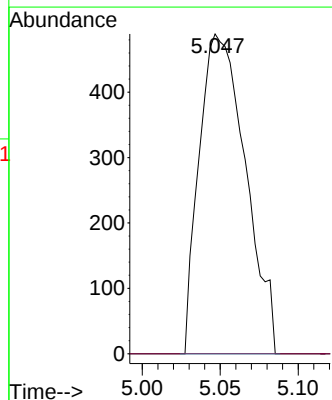
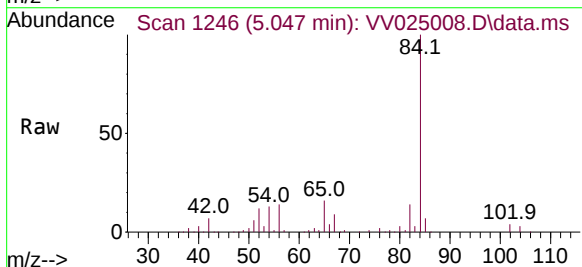
Acq: 15 Mar 2022 19:43

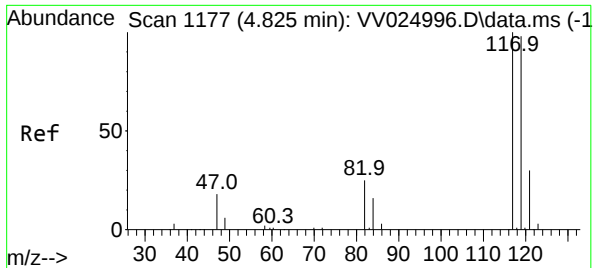
Tgt Ion: 62 Resp: 1008

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#

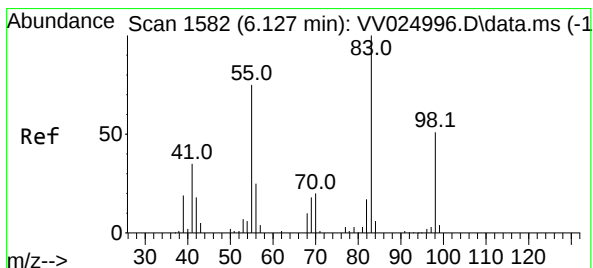
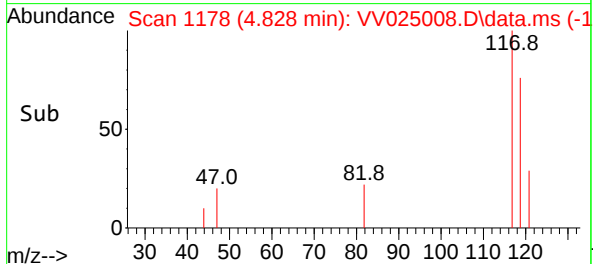
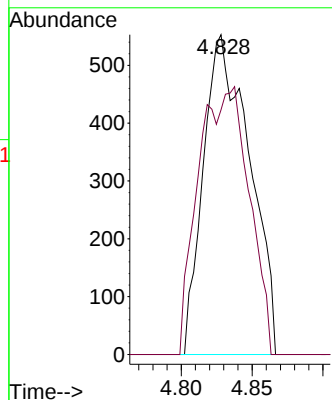
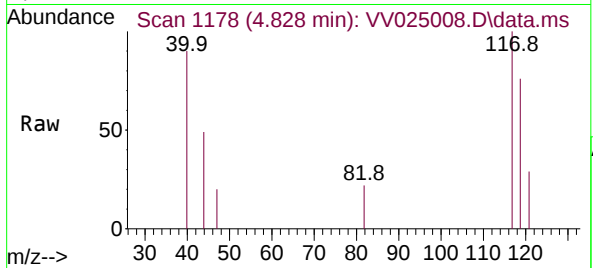




#31
Carbon tetrachloride
Concen: 0.076 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025008.D
Acq: 15 Mar 2022 19:43

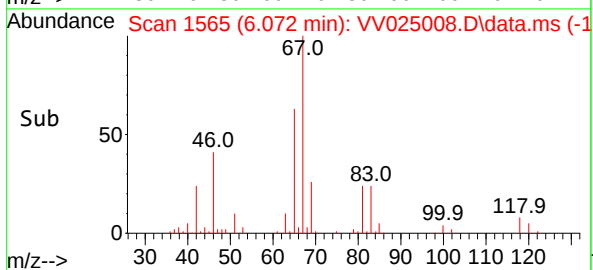
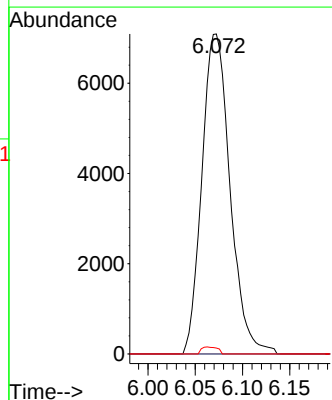
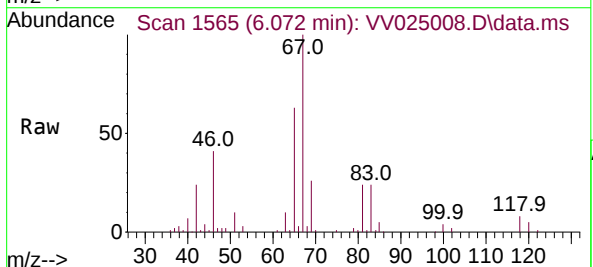
Instrument :
MSVOA_V
ClientSampleId :
GBDE0

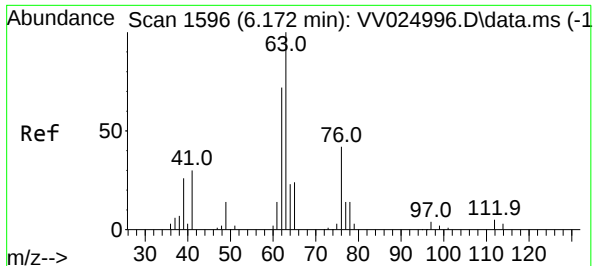
Tgt Ion:117 Resp: 1252
Ion Ratio Lower Upper
117 100
119 47.2 76.8 115.2#



#35
Methylcyclohexane
Concen: 0.712 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025008.D
Acq: 15 Mar 2022 19:43

Tgt Ion: 83 Resp: 14717
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.0#
98 1.2 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.550 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025008.D

Acq: 15 Mar 2022 19:43

Instrument :

MSVOA_V

ClientSampleId :

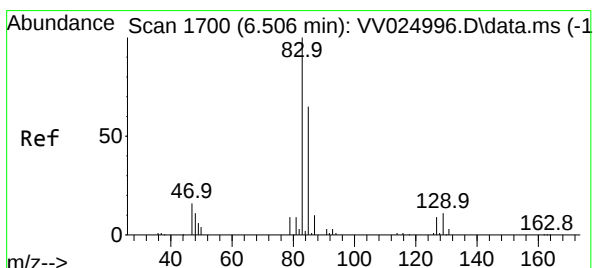
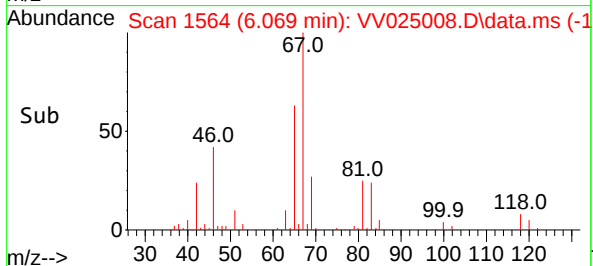
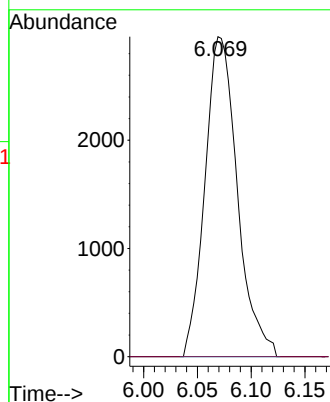
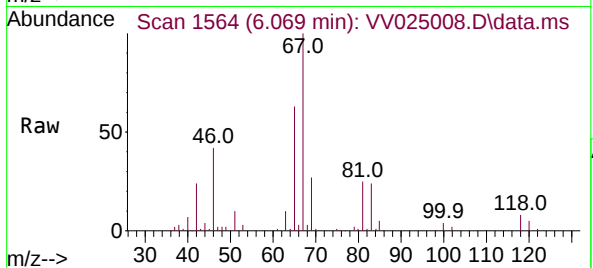
GBDE0

Tgt Ion: 63 Resp: 6202

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#38

Bromodichloromethane

Concen: 0.139 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.010 min

Lab File: VV025008.D

Acq: 15 Mar 2022 19:43

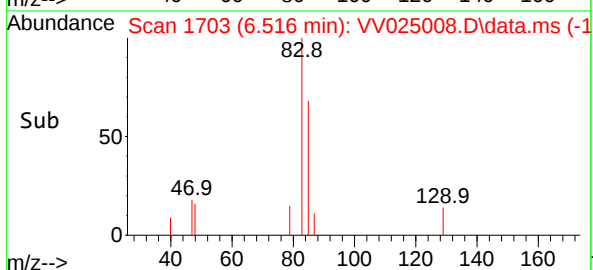
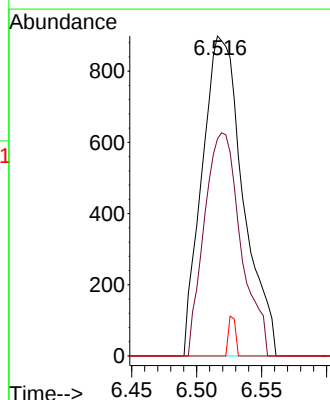
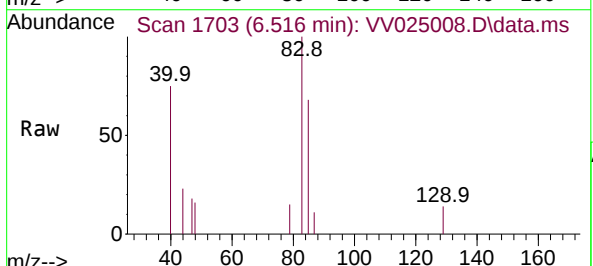
Tgt Ion: 83 Resp: 1974

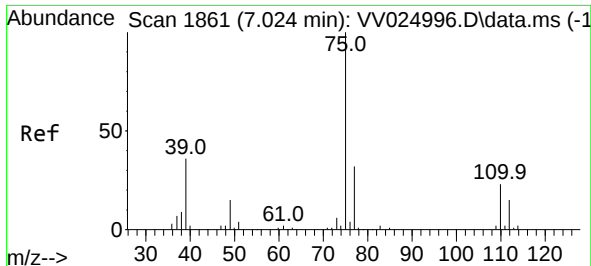
Ion Ratio Lower Upper

83 100

85 67.9 44.8 83.2

127 0.0 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025008.D

Acq: 15 Mar 2022 19:43

Instrument :

MSVOA_V

ClientSampleId :

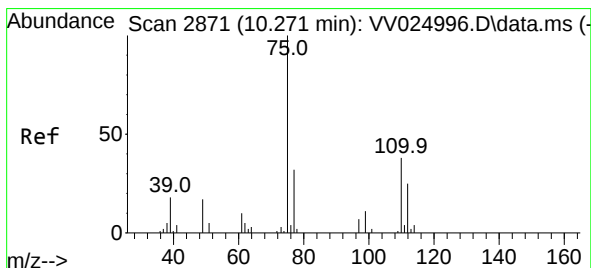
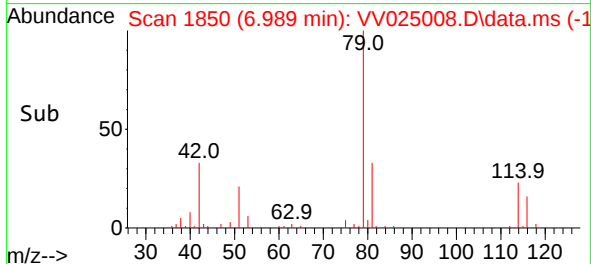
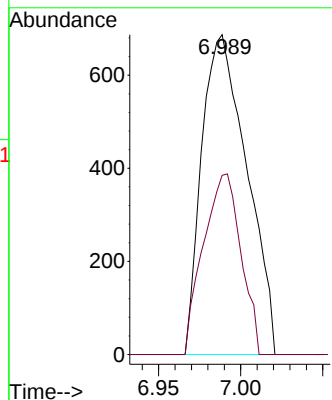
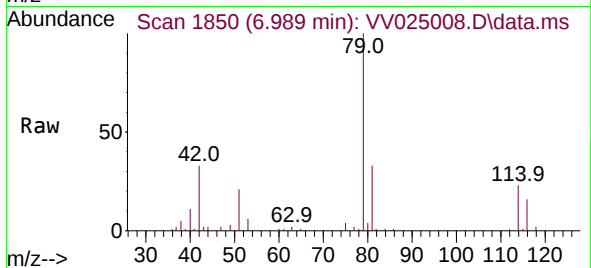
GBDE0

Tgt Ion: 75 Resp: 1310

Ion Ratio Lower Upper

75 100

77 56.0 23.0 42.8#



#61

1,2,3-Trichloropropane

Concen: 1.544 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025008.D

Acq: 15 Mar 2022 19:43

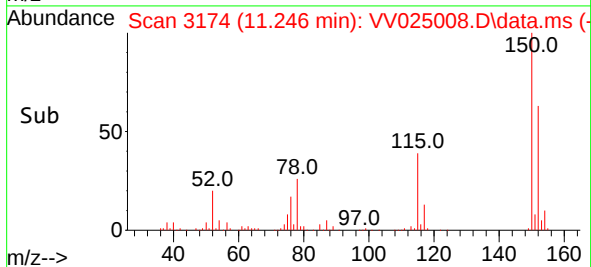
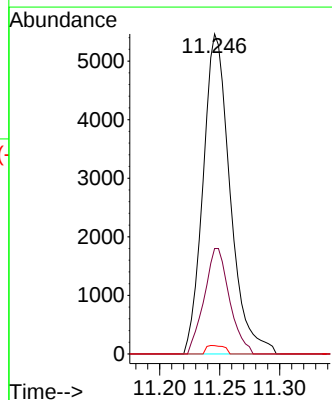
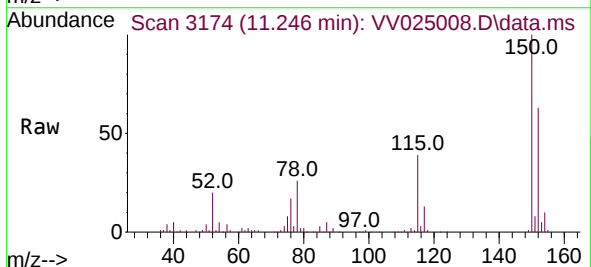
Tgt Ion: 75 Resp: 8562

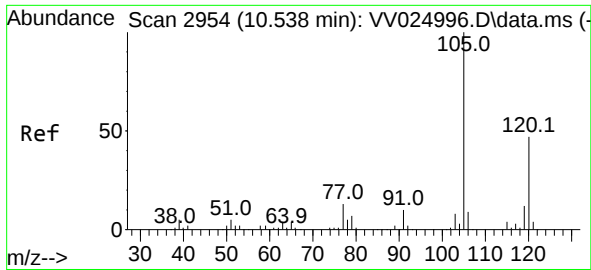
Ion Ratio Lower Upper

75 100

77 30.8 25.7 38.5

110 1.8 31.2 46.8#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.036 ug/L
 RT: 10.918 min Scan# 30
 Delta R.T. 0.380 min
 Lab File: VV025008.D
 Acq: 15 Mar 2022 19:43

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDE0

Tgt Ion:105 Resp: 815
 Ion Ratio Lower Upper
 105 100
 120 45.0 38.5 57.7

