

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027598.D
 Acq On : 30 Aug 2022 20:08
 Operator : SY/MD
 Sample : N4418-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD1

Quant Time: Aug 31 04:51:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	143481	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	142189	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57266	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	51053	4.999	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.564	69	42573	5.697	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.000%
11) 1,1-Dichloroethene-d2	2.105	63	72445	3.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	3.896	46	99462	78.266	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	156.540%#
24) Chloroform-d	4.346	84	100194	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.034	65	46532	5.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.047	84	180928	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.069	67	60140	5.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.317	98	134580	3.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.628	79	14537	3.708	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.091	63	63982	49.577	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39040	5.354	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	46790	5.512	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%

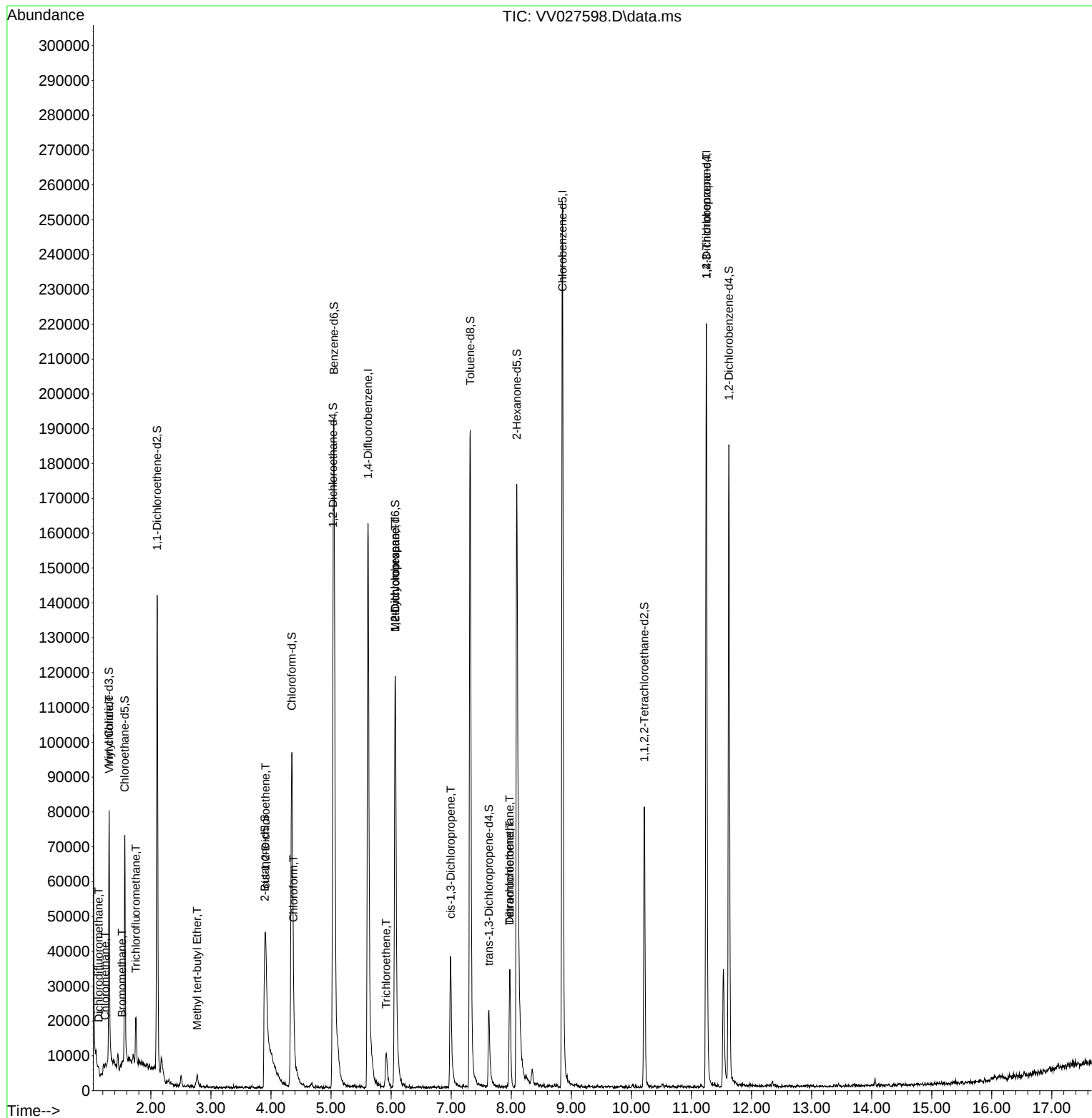
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.130	85	1171	0.077	ug/L	96
3) Chloromethane	1.236	50	957	0.072	ug/L	98
5) Vinyl chloride	1.307	62	833	0.062	ug/L #	1
6) Bromomethane	1.519	94	531	0.080	ug/L	77
9) Trichlorofluoromethane	1.751	101	7707	0.362	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	2755	0.123	ug/L #	91
22) cis-1,2-Dichloroethene	3.908	96	8907	0.747	ug/L	99
25) Chloroform	4.375	83	7957	0.316	ug/L	94
34) Trichloroethene	5.918	95	3613	0.290	ug/L	94
35) Methylcyclohexane	6.069	83	15231	0.870	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	7451	0.591	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1210	0.080	ug/L #	49
47) Tetrachloroethene	7.976	164	7847	0.810	ug/L	96
49) Dibromochloromethane	7.976	129	7664	0.773	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	7041	1.402	ug/L #	68

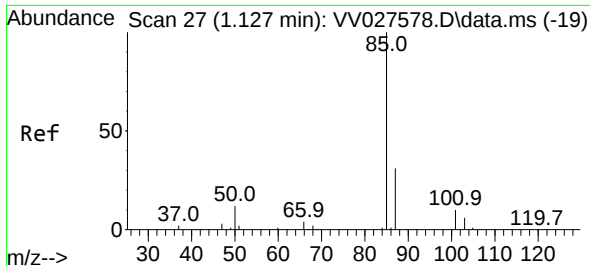
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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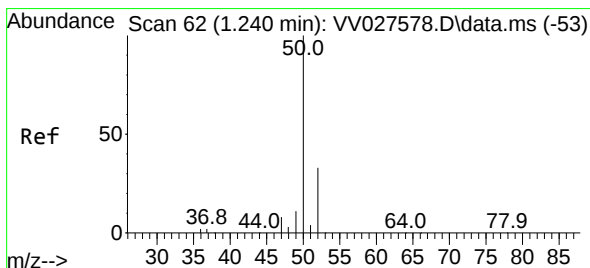
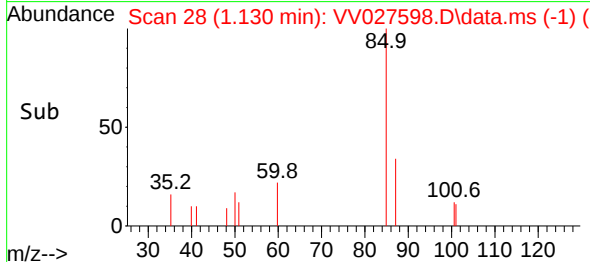
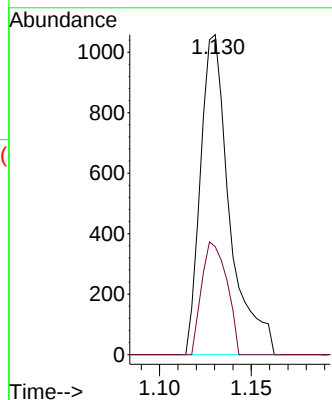
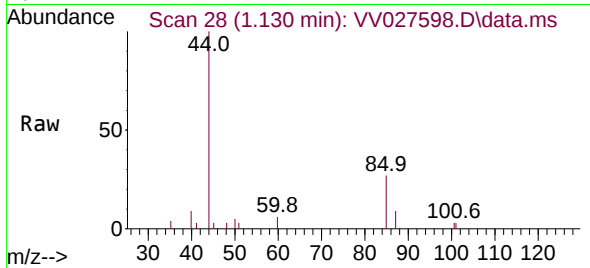




#2
 Dichlorodifluoromethane
 Concen: 0.077 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV027598.D
 Acq: 30 Aug 2022 20:08

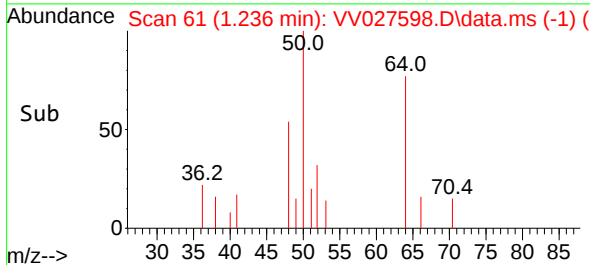
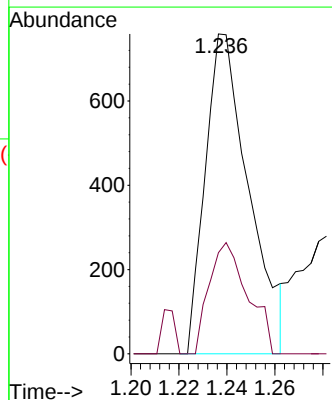
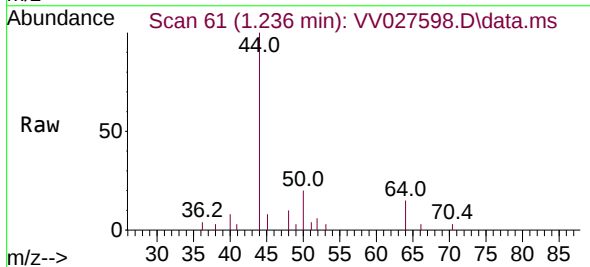
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD1

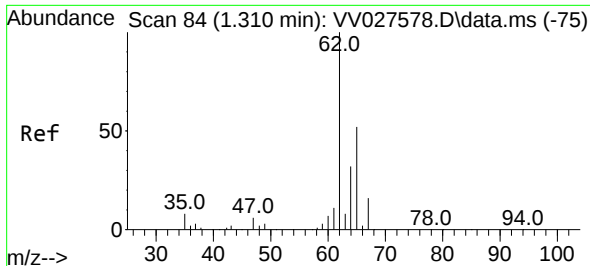
Tgt Ion: 85 Resp: 1171
 Ion Ratio Lower Upper
 85 100
 87 30.4 26.0 39.0



#3
 Chloromethane
 Concen: 0.072 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV027598.D
 Acq: 30 Aug 2022 20:08

Tgt Ion: 50 Resp: 957
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.8 42.4

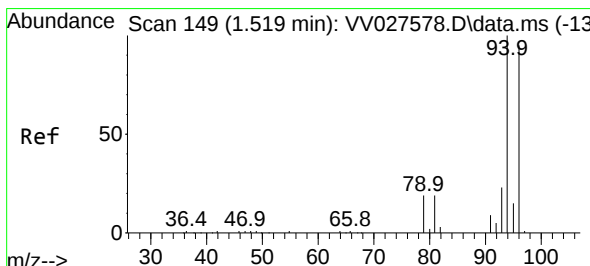
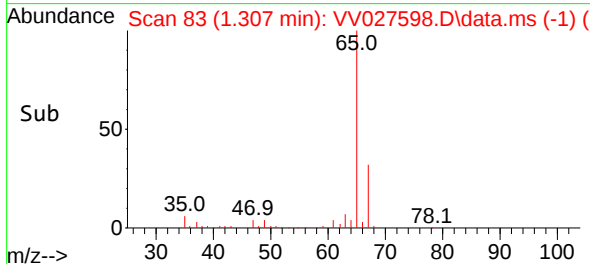
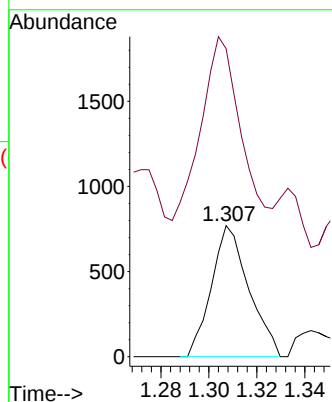
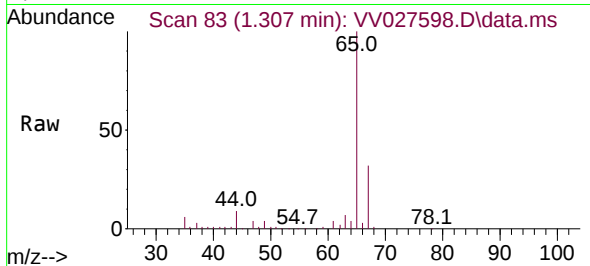




#5
 Vinyl chloride
 Concen: 0.062 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV027598.D
 Acq: 30 Aug 2022 20:08

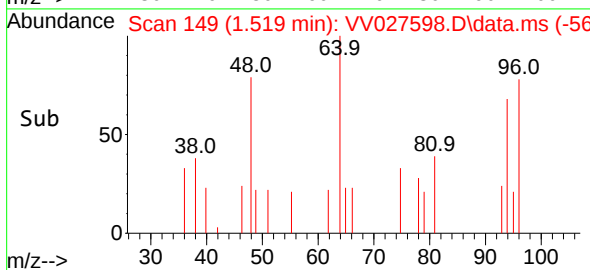
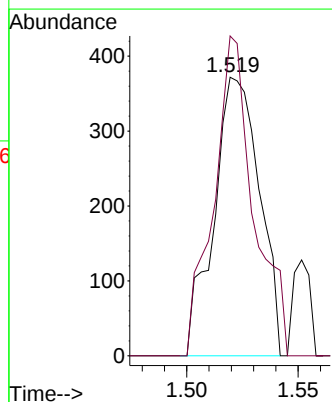
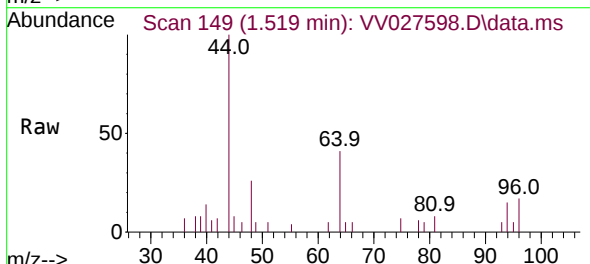
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD1

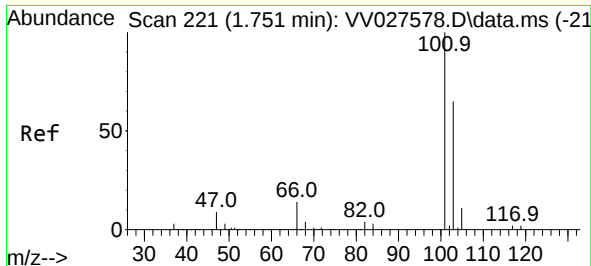
Tgt Ion: 62 Resp: 833
 Ion Ratio Lower Upper
 62 100
 64 235.1 22.6 42.0#



#6
 Bromomethane
 Concen: 0.080 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV027598.D
 Acq: 30 Aug 2022 20:08

Tgt Ion: 94 Resp: 531
 Ion Ratio Lower Upper
 94 100
 96 114.8 65.2 121.0

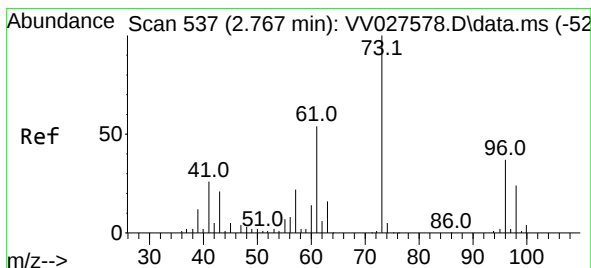
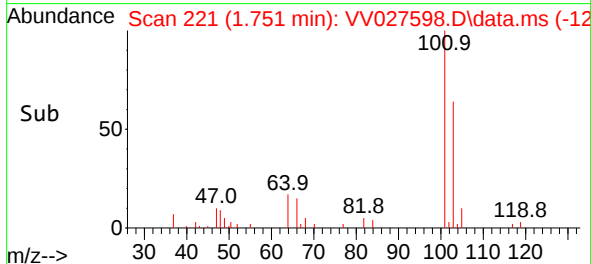
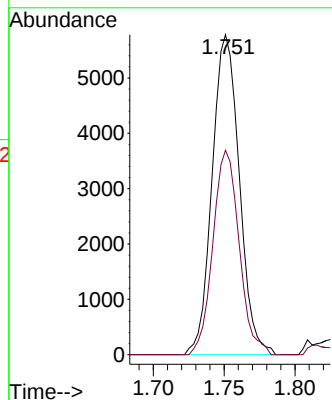
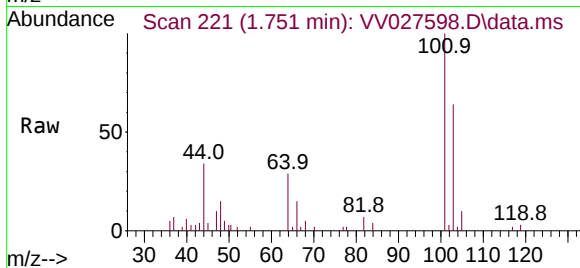




#9
 Trichlorofluoromethane
 Concen: 0.362 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027598.D
 Acq: 30 Aug 2022 20:08

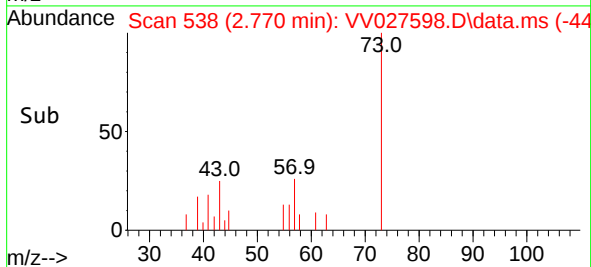
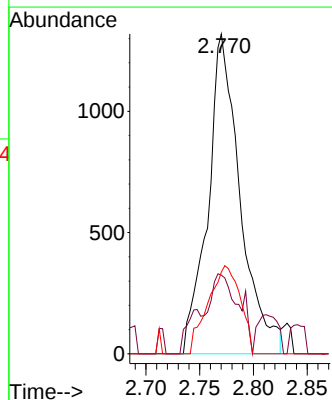
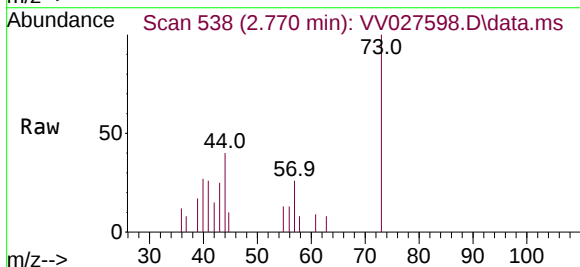
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD1

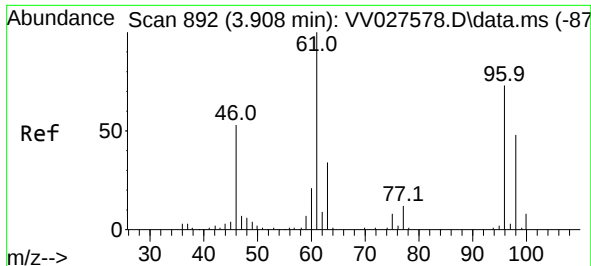
Tgt Ion:101 Resp: 7707
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.5 77.3



#17
 Methyl tert-butyl Ether
 Concen: 0.123 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. 0.003 min
 Lab File: VV027598.D
 Acq: 30 Aug 2022 20:08

Tgt Ion: 73 Resp: 2755
 Ion Ratio Lower Upper
 73 100
 43 21.7 15.6 23.4
 57 27.5 17.0 25.6#





#22

cis-1,2-Dichloroethene

Concen: 0.747 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.000 min

Lab File: VV027598.D

Acq: 30 Aug 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

DBVD1

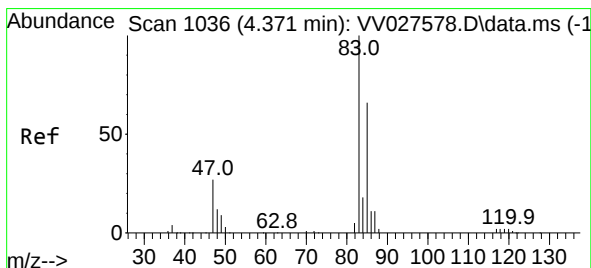
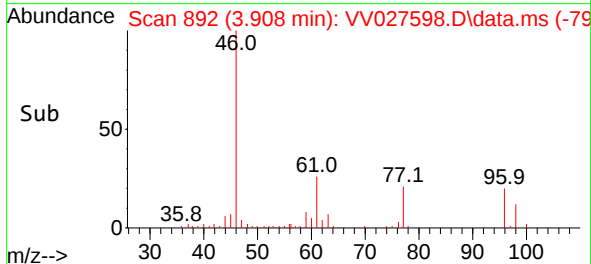
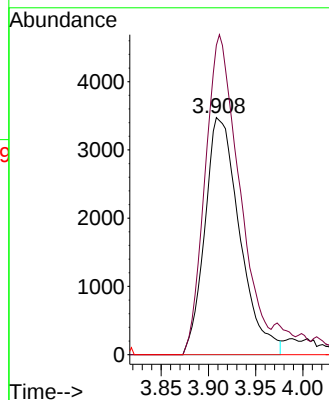
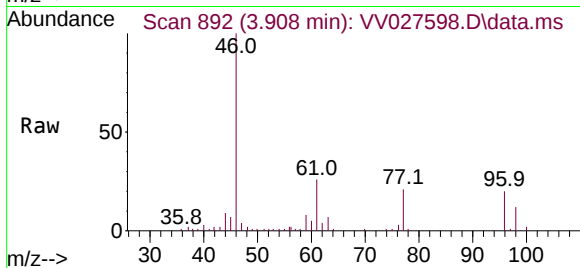
Tgt Ion: 96 Resp: 8907

Ion Ratio Lower Upper

96 100

61 130.5 90.6 168.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.316 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV027598.D

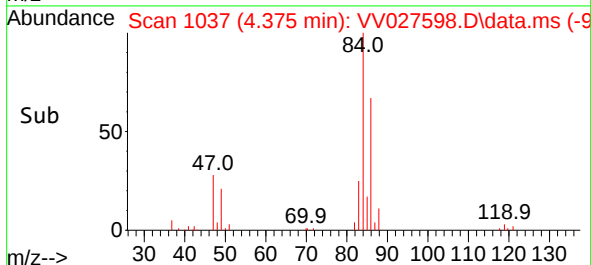
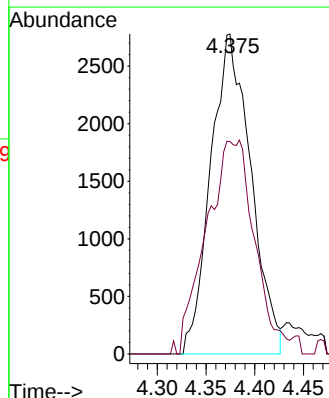
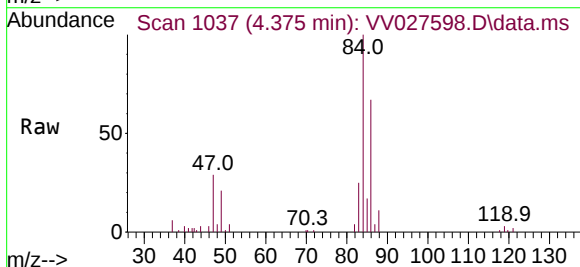
Acq: 30 Aug 2022 20:08

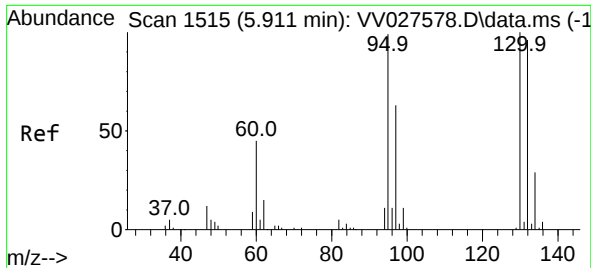
Tgt Ion: 83 Resp: 7957

Ion Ratio Lower Upper

83 100

85 66.4 43.3 80.5



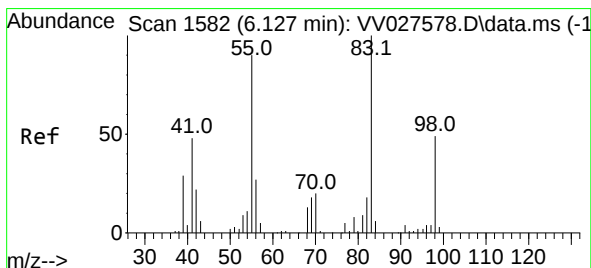
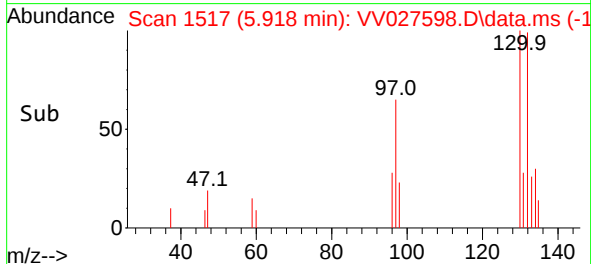
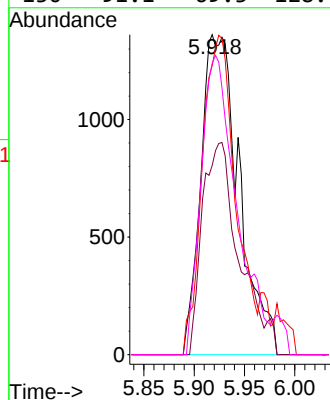
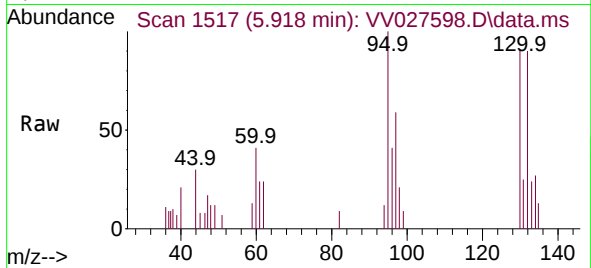


#34
Trichloroethene
Concen: 0.290 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV027598.D
Acq: 30 Aug 2022 20:08

Instrument :
MSVOA_V
ClientSampleId :
DBVD1

Tgt Ion: 95 Resp: 3613

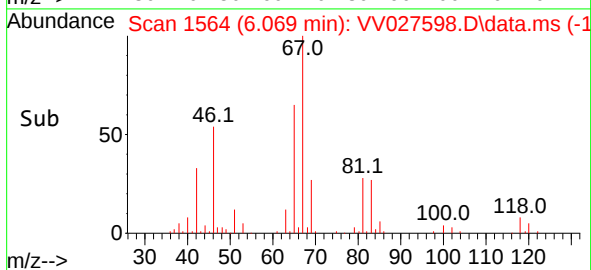
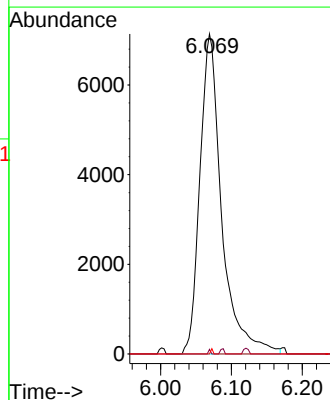
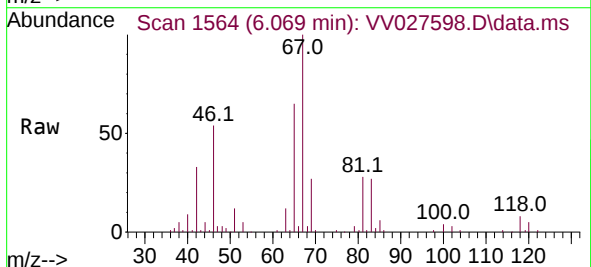
Ion	Ratio	Lower	Upper
95	100		
97	59.1	45.0	83.6
132	90.4	65.7	121.9
130	91.1	69.3	128.7

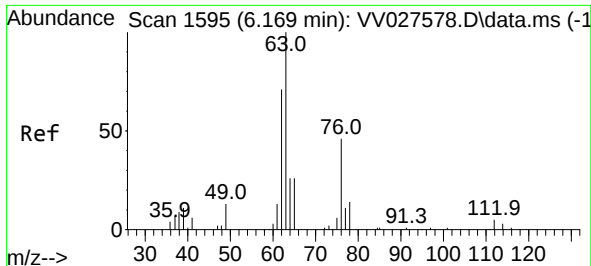


#35
Methylcyclohexane
Concen: 0.870 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027598.D
Acq: 30 Aug 2022 20:08

Tgt Ion: 83 Resp: 15231

Ion	Ratio	Lower	Upper
83	100		
55	0.1	68.2	102.4#
98	0.2	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.591 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV027598.D

Acq: 30 Aug 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

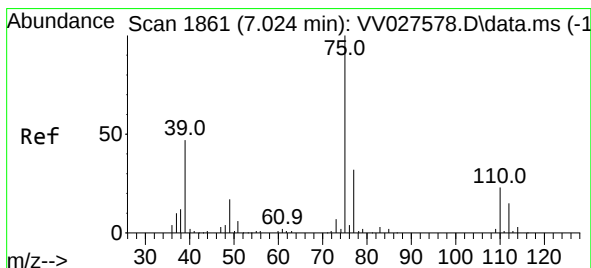
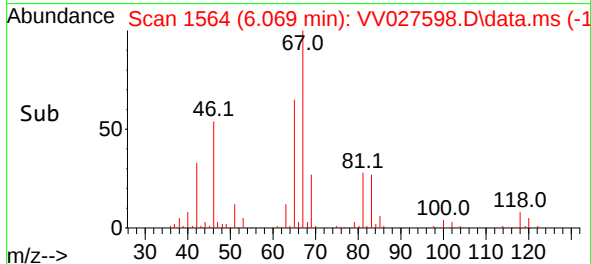
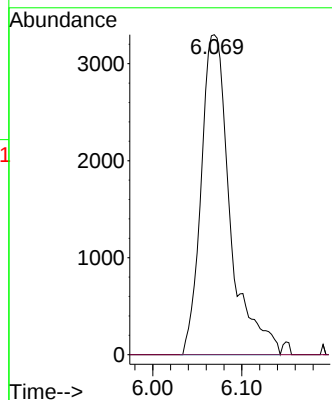
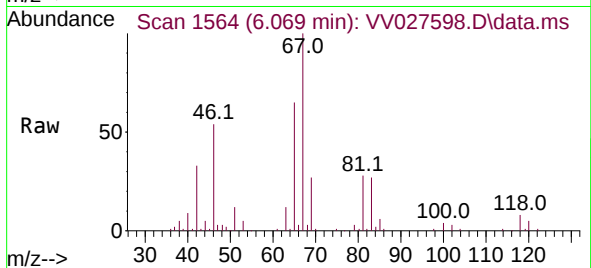
DBVD1

Tgt Ion: 63 Resp: 7451

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV027598.D

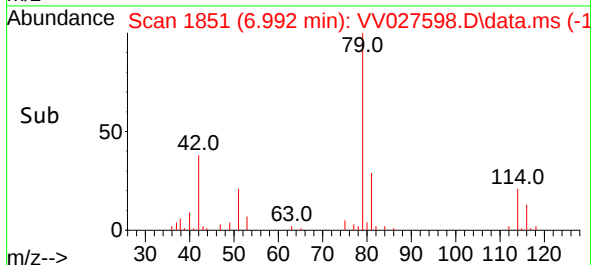
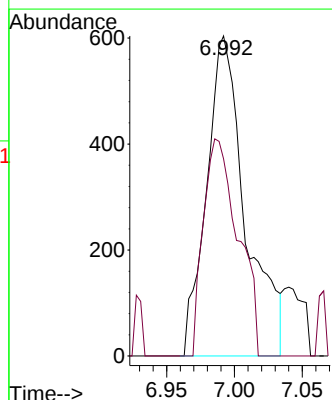
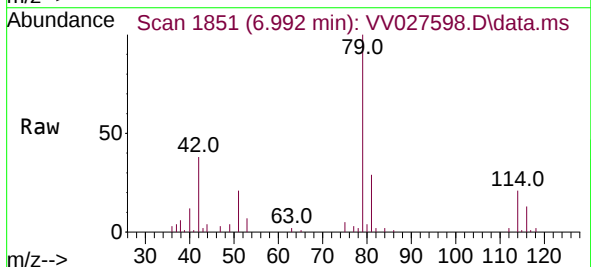
Acq: 30 Aug 2022 20:08

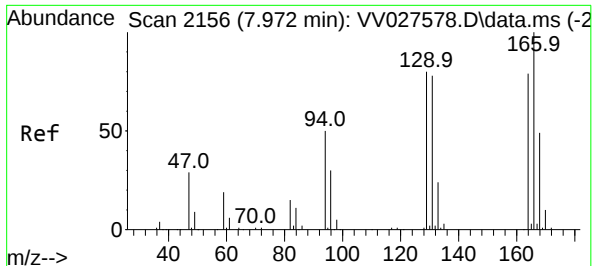
Tgt Ion: 75 Resp: 1210

Ion Ratio Lower Upper

75 100

77 61.6 22.9 42.5#





#47

Tetrachloroethene

Concen: 0.810 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027598.D

Acq: 30 Aug 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

DBVD1

Tgt Ion:164 Resp: 7847

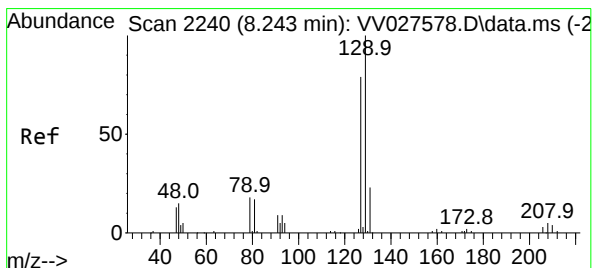
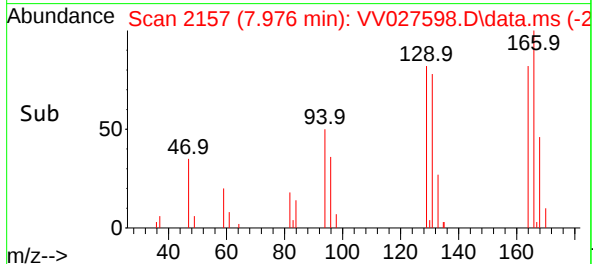
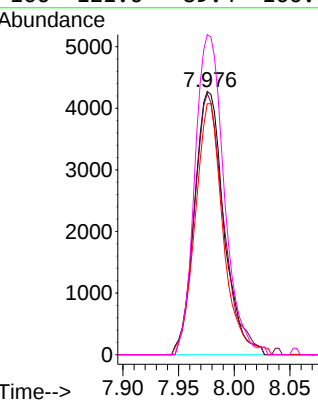
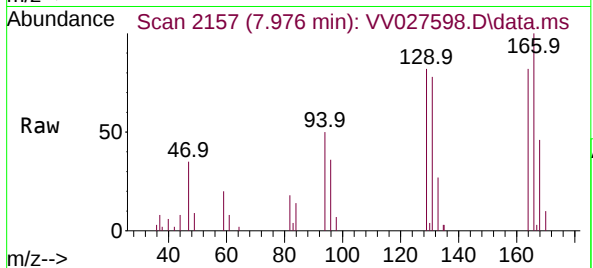
Ion Ratio Lower Upper

164 100

129 99.3 71.1 132.1

131 95.3 64.5 119.9

166 121.6 89.4 166.0



#49

Dibromochloromethane

Concen: 0.773 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027598.D

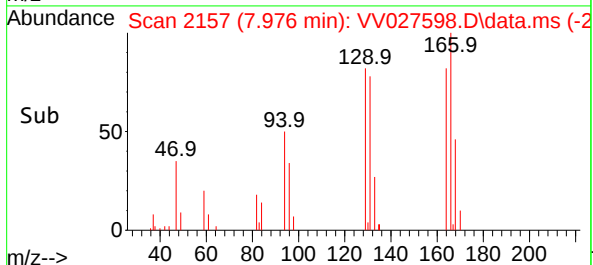
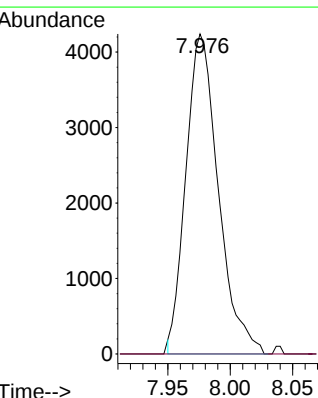
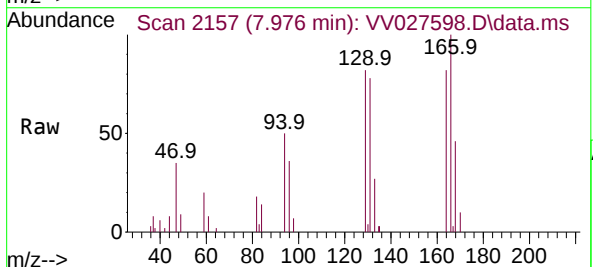
Acq: 30 Aug 2022 20:08

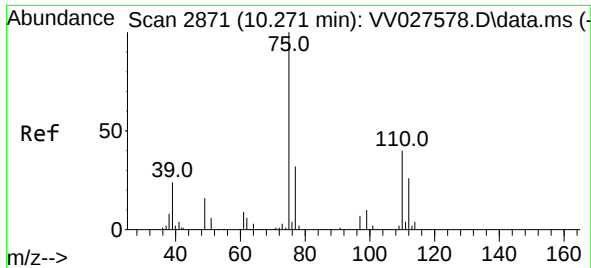
Tgt Ion:129 Resp: 7664

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.402 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV027598.D
 Acq: 30 Aug 2022 20:08

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD1

Tgt Ion: 75 Resp: 7041
 Ion Ratio Lower Upper
 75 100
 77 34.0 26.2 39.2
 110 2.3 29.9 44.9#

