

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027572.D
 Acq On : 29 Aug 2022 19:13
 Operator : SY/MD
 Sample : N4402-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVB1

Quant Time: Aug 30 04:20:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

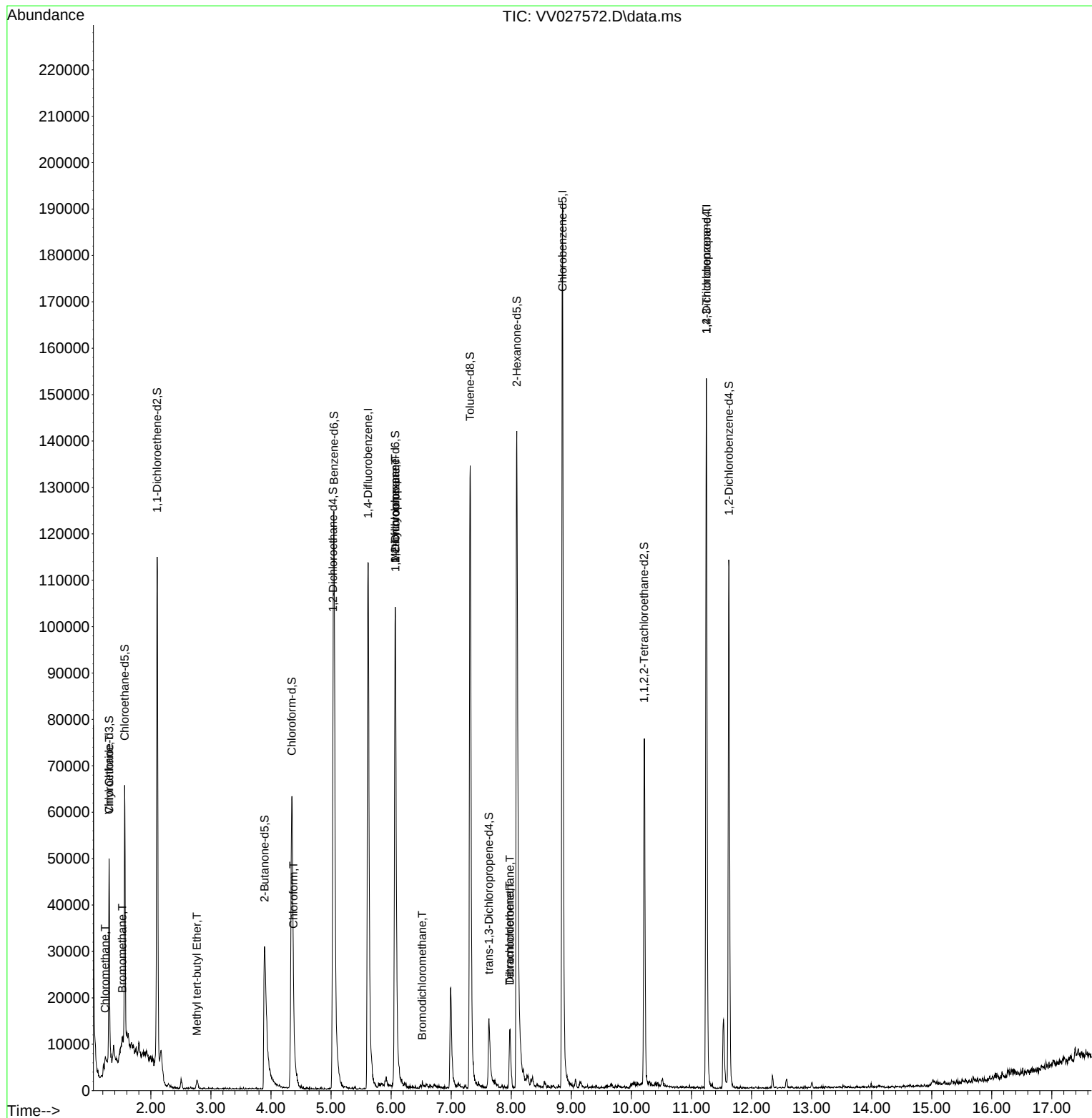
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	106481	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	104800	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	41649	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31107	4.105	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.564	69	34516	6.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.400%
11) 1,1-Dichloroethene-d2	2.105	63	56989	3.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.892	46	60931	64.606	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.220%
24) Chloroform-d	4.346	84	66517	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.034	65	34616	5.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.050	84	115770	3.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.069	67	51376	6.088	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.800%
41) Toluene-d8	7.317	98	95001	3.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	7.628	79	8743	3.026	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.600%
46) 2-Hexanone-d5	8.091	63	46660	49.054	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.100%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36162	6.729	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	134.600%#
66) 1,2-Dichlorobenzene-d4	11.622	152	30250	4.900	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1308	0.133	ug/L	98
6) Bromomethane	1.523	94	539	0.110	ug/L	77
8) Chloroethane	1.304	64	737	0.127	ug/L	86
17) Methyl tert-butyl Ether	2.767	73	1746	0.105	ug/L	94
25) Chloroform	4.375	83	6468	0.346	ug/L	86
35) Methylcyclohexane	6.069	83	12195	0.946	ug/L #	15
37) 1,2-Dichloropropane	6.072	63	5743	0.618	ug/L #	85
38) Bromodichloromethane	6.516	83	385	0.033	ug/L #	68
47) Tetrachloroethene	7.976	164	2919	0.409	ug/L	95
49) Dibromochloromethane	7.979	129	2828	0.387	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	4794	1.312	ug/L #	64

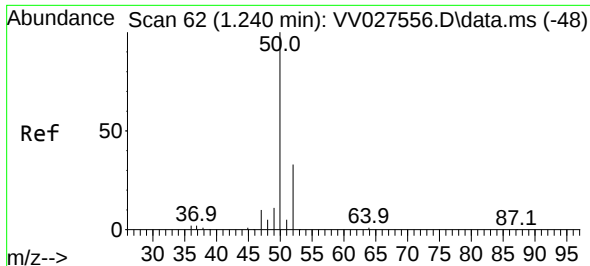
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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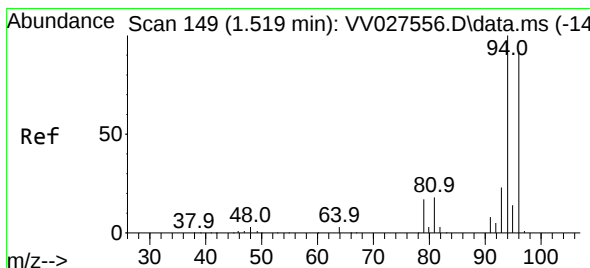
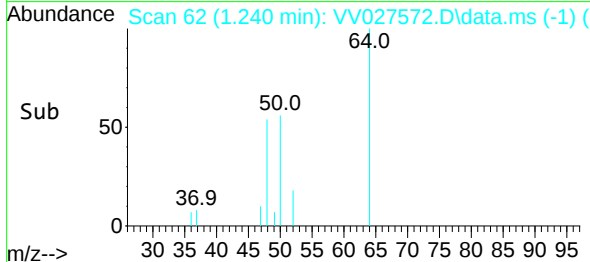
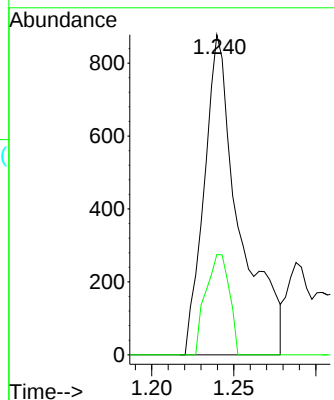
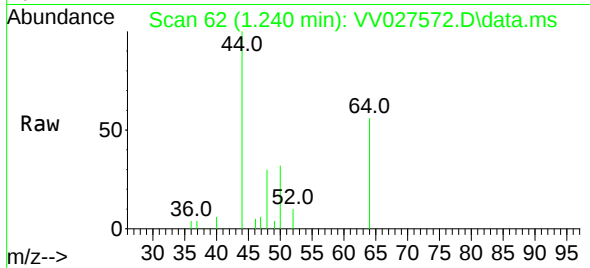




#3
Chloromethane
Concen: 0.133 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027572.D
Acq: 29 Aug 2022 19:13

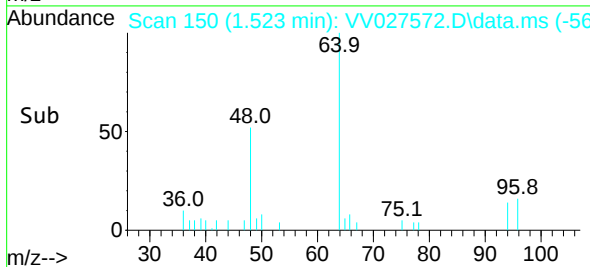
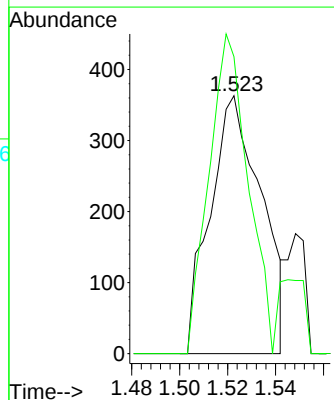
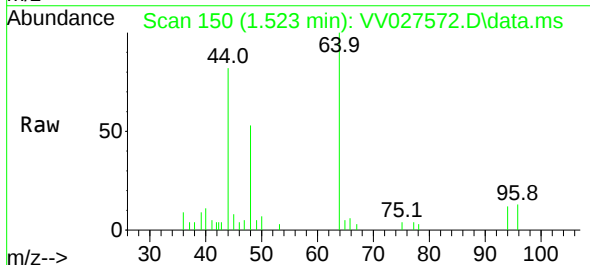
Instrument :
MSVOA_V
ClientSampleId :
DBVB1

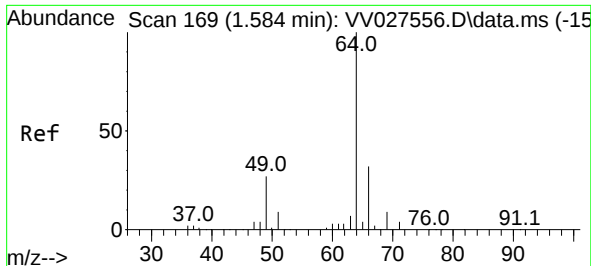
Tgt Ion: 50 Resp: 1308
Ion Ratio Lower Upper
50 100
52 31.3 22.8 42.4



#6
Bromomethane
Concen: 0.110 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027572.D
Acq: 29 Aug 2022 19:13

Tgt Ion: 94 Resp: 539
Ion Ratio Lower Upper
94 100
96 115.2 65.2 121.0

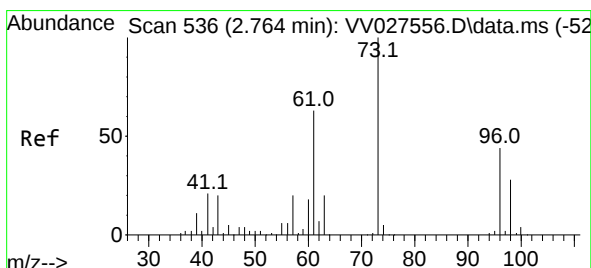
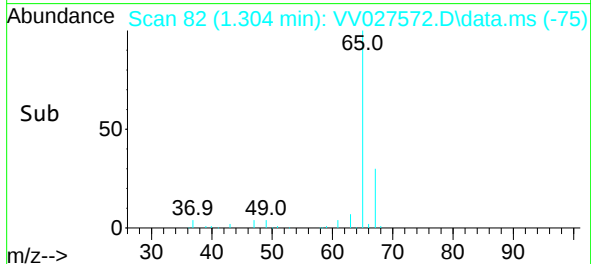
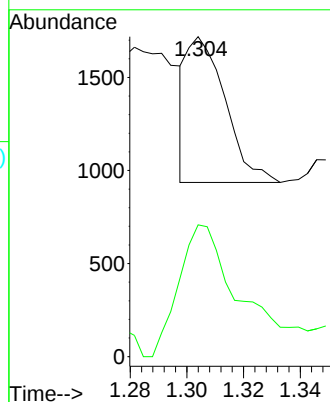
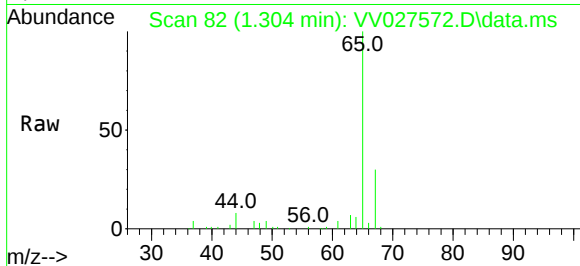




#8
Chloroethane
Concen: 0.127 ug/L
RT: 1.304 min Scan# 81
Delta R.T. -0.277 min
Lab File: VV027572.D
Acq: 29 Aug 2022 19:13

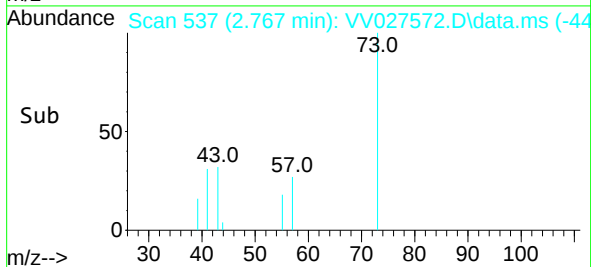
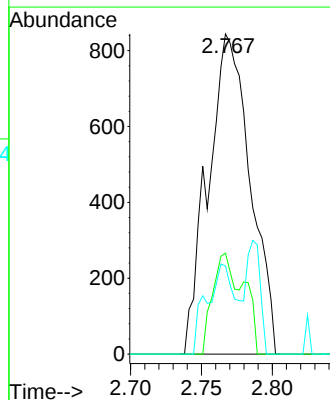
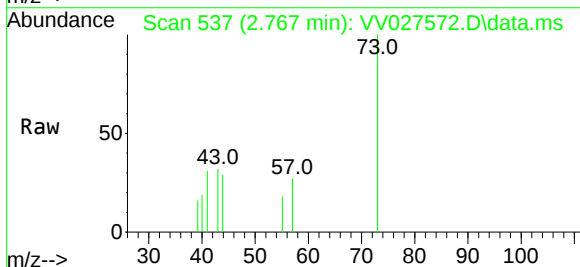
Instrument :
MSVOA_V
ClientSampleId :
DBVB1

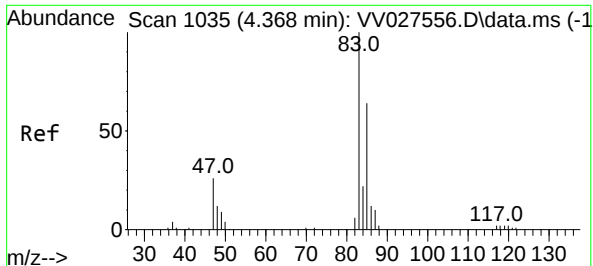
Tgt Ion: 64 Resp: 737
Ion Ratio Lower Upper
64 100
66 41.2 23.3 43.3



#17
Methyl tert-butyl Ether
Concen: 0.105 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV027572.D
Acq: 29 Aug 2022 19:13

Tgt Ion: 73 Resp: 1746
Ion Ratio Lower Upper
73 100
43 17.1 15.6 23.4
57 18.6 17.0 25.6





#25

Chloroform

Concen: 0.346 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV027572.D

Acq: 29 Aug 2022 19:13

Instrument :

MSVOA_V

ClientSampleId :

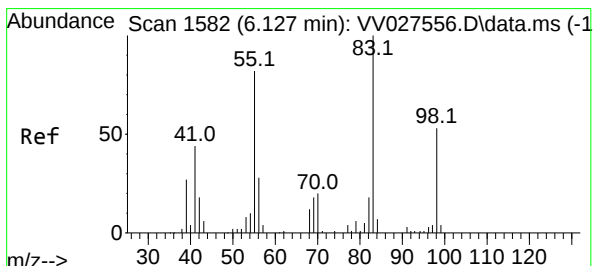
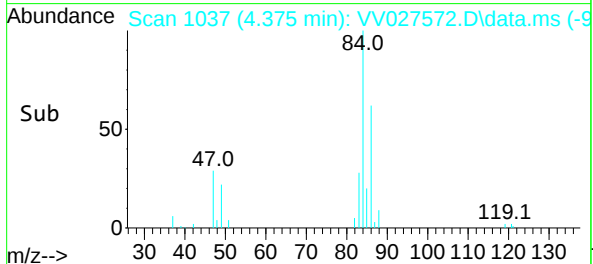
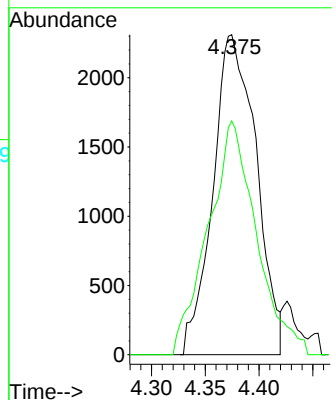
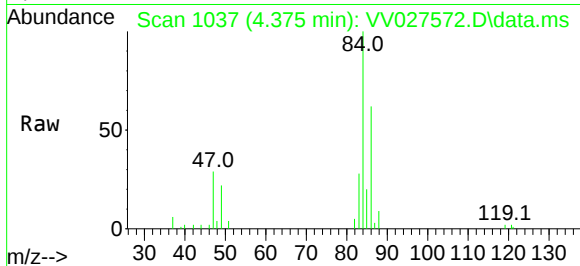
DBVB1

Tgt Ion: 83 Resp: 6468

Ion Ratio Lower Upper

83 100

85 73.0 43.3 80.5



#35

Methylcyclohexane

Concen: 0.946 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027572.D

Acq: 29 Aug 2022 19:13

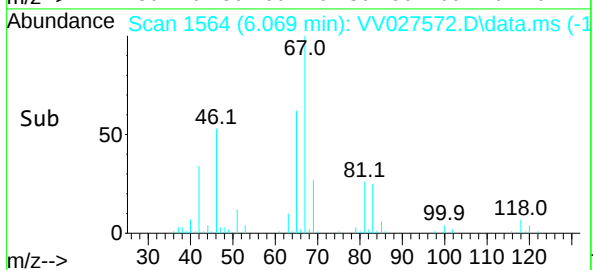
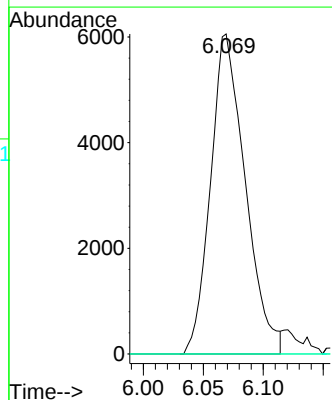
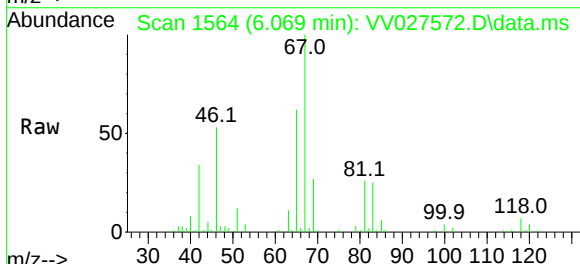
Tgt Ion: 83 Resp: 12195

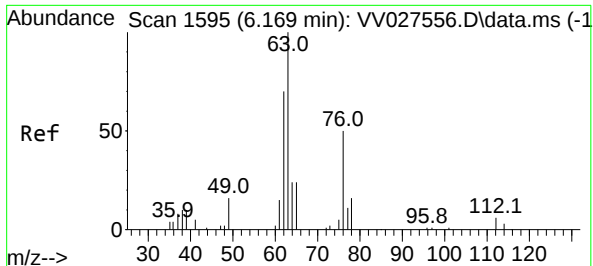
Ion Ratio Lower Upper

83 100

55 0.0 68.2 102.4#

98 0.8 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.618 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV027572.D

Acq: 29 Aug 2022 19:13

Instrument :

MSVOA_V

ClientSampleId :

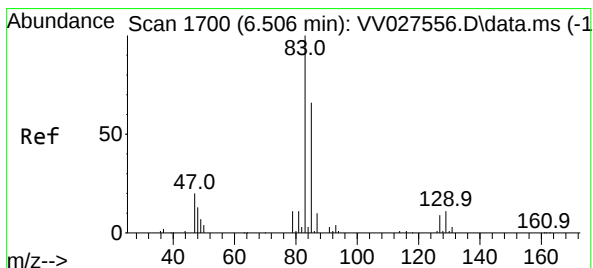
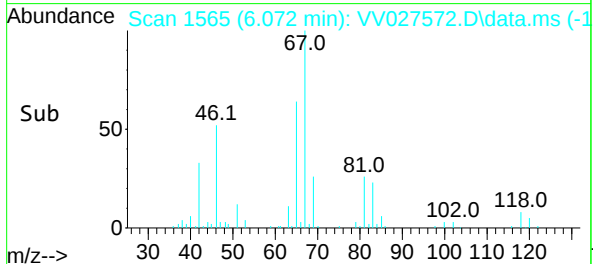
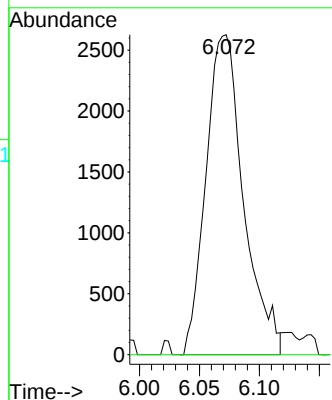
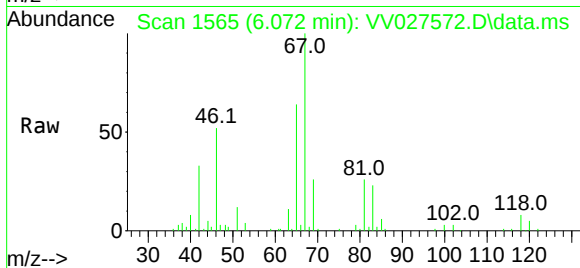
DBVB1

Tgt Ion: 63 Resp: 5743

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.033 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.013 min

Lab File: VV027572.D

Acq: 29 Aug 2022 19:13

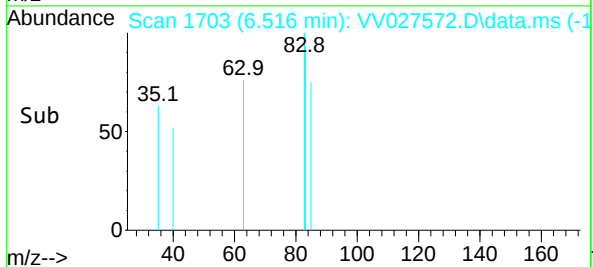
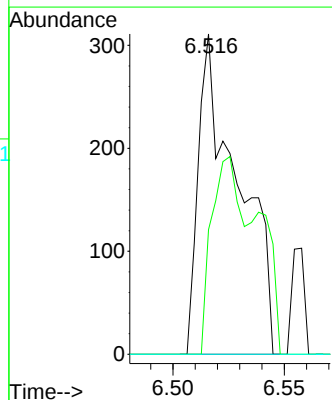
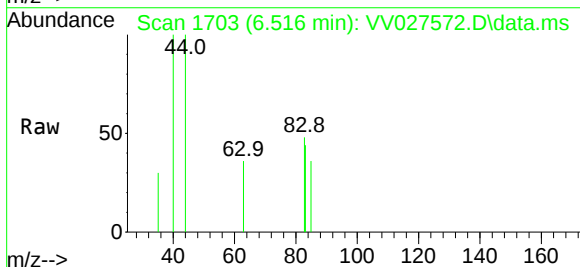
Tgt Ion: 83 Resp: 385

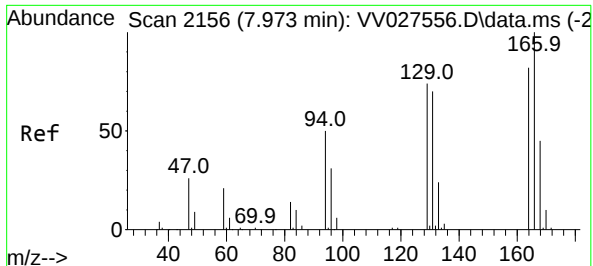
Ion Ratio Lower Upper

83 100

85 38.9 45.3 84.1#

127 0.0 7.2 10.8#





#47

Tetrachloroethene

Concen: 0.409 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV027572.D

Acq: 29 Aug 2022 19:13

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Tgt Ion:164 Resp: 2919

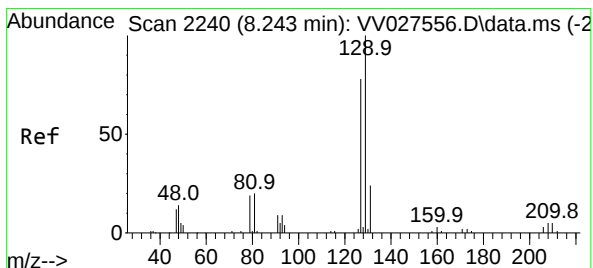
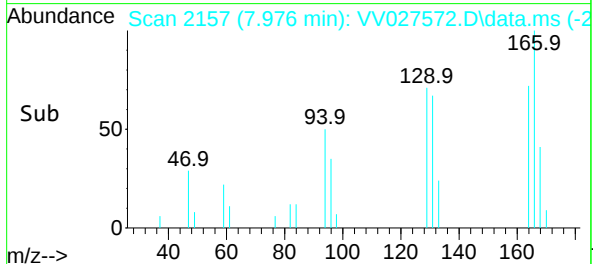
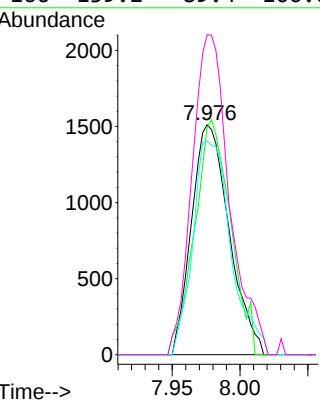
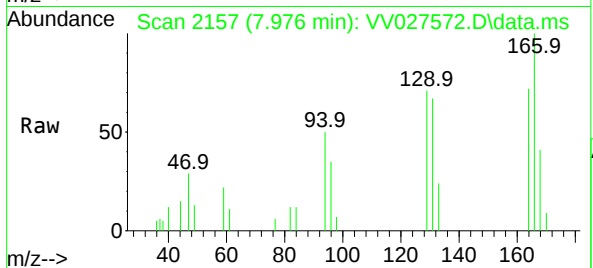
Ion Ratio Lower Upper

164 100

129 98.7 71.1 132.1

131 92.8 64.5 119.9

166 139.2 89.4 166.0



#49

Dibromochloromethane

Concen: 0.387 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV027572.D

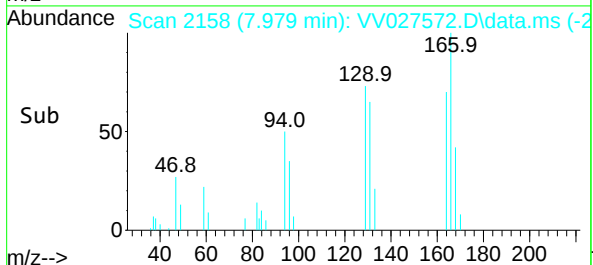
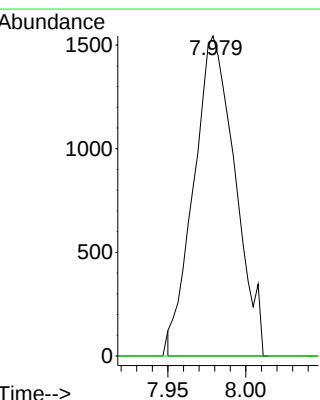
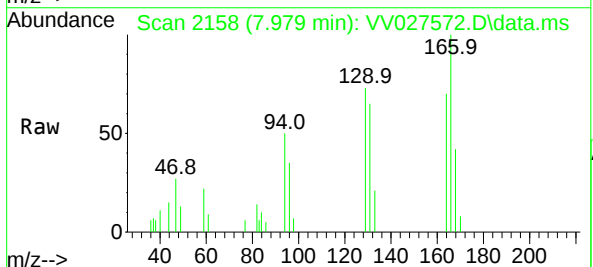
Acq: 29 Aug 2022 19:13

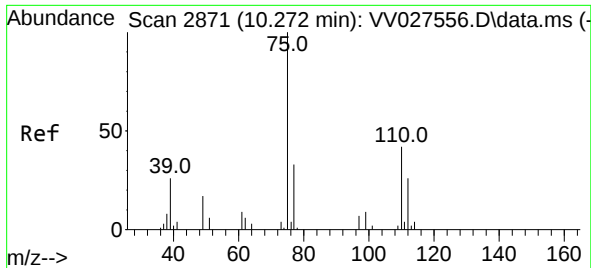
Tgt Ion:129 Resp: 2828

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#61

1,2,3-Trichloropropane

Concen: 1.312 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV027572.D

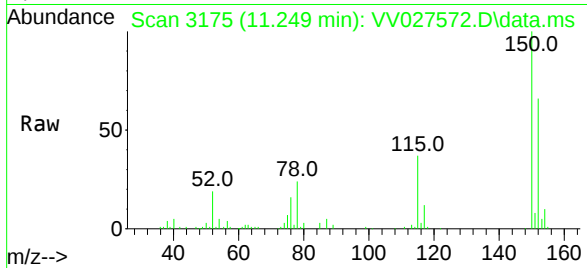
Acq: 29 Aug 2022 19:13

Instrument :

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Tgt Ion: 75 Resp: 4794

Ion Ratio Lower Upper

75 100

77 36.3 26.2 39.2

110 0.0 29.9 44.9#

