

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
 Data File : VV027463.D
 Acq On : 22 Aug 2022 13:18
 Operator : SY/MD
 Sample : N4252-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

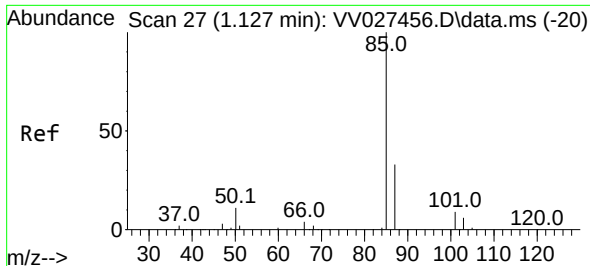
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 23 03:11:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 23 03:03:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	114335	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	114664	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49344	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38776	4.765	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.568	69	39192	6.581	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	131.600%#
11) 1,1-Dichloroethene-d2	2.104	63	70815	3.732	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	3.889	46	60070	59.318	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.640%
24) Chloroform-d	4.346	84	84901	5.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.030	65	36299	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.050	84	151286	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.069	67	47323	5.125	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.316	98	121745	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.625	79	14561	4.606	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.088	63	44718	42.968	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.940%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28614	4.866	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	38841	5.310	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.217	85	20201	1.665	ug/L	100
3) Chloromethane	1.240	50	2244	0.212	ug/L	93
5) Vinyl chloride	1.307	62	1794	0.168	ug/L #	1
6) Bromomethane	1.519	94	633	0.120	ug/L	84
8) Chloroethane	1.580	64	837	0.134	ug/L #	58
12) 1,1-Dichloroethene	2.108	96	831	0.096	ug/L #	1
14) Carbon disulfide	2.294	76	1413	0.060	ug/L #	80
18) trans-1,2-Dichloroethene	2.764	96	1069	0.120	ug/L	78
22) cis-1,2-Dichloroethene	3.918	96	1870	0.197	ug/L	96
35) Methylcyclohexane	6.069	83	11676	0.827	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	5892	0.580	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1285	0.105	ug/L	93
61) 1,2,3-Trichloropropane	11.249	75	6261	1.446	ug/L #	65

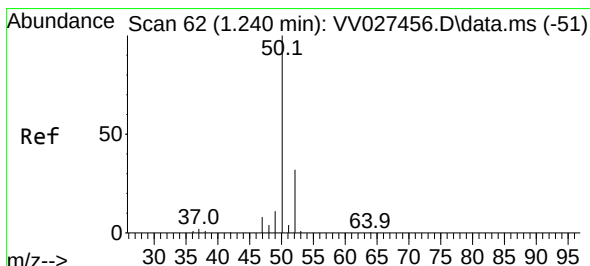
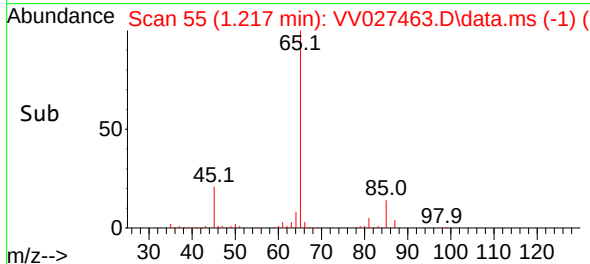
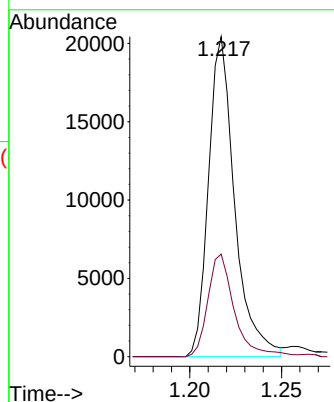
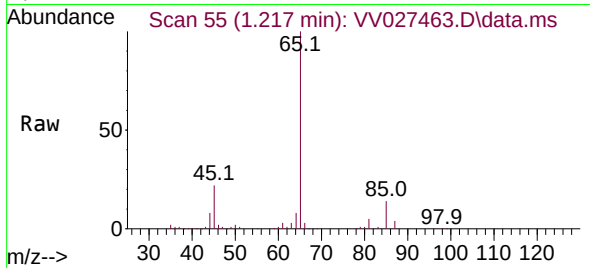
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 1.665 ug/L
 RT: 1.217 min Scan# 51
 Delta R.T. 0.090 min
 Lab File: VV027463.D
 Acq: 22 Aug 2022 13:18

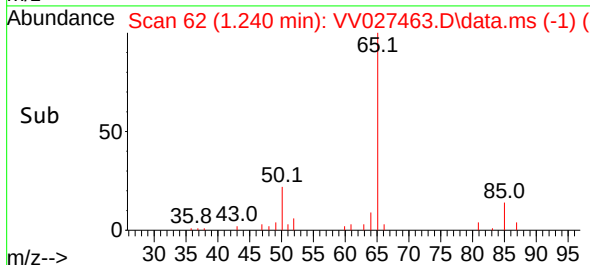
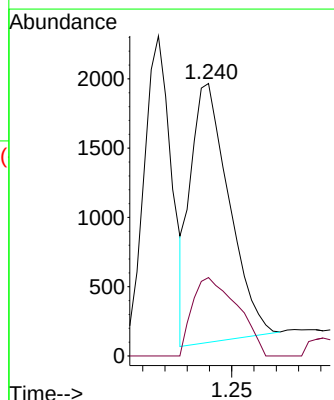
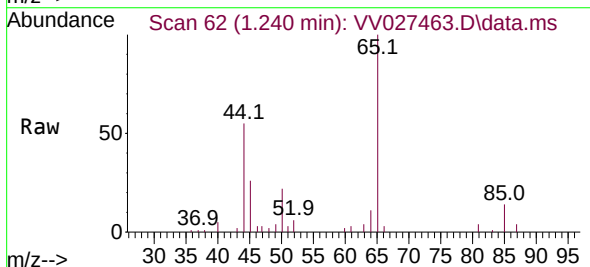
Instrument :
 MSVOA_V
 ClientSampleId :

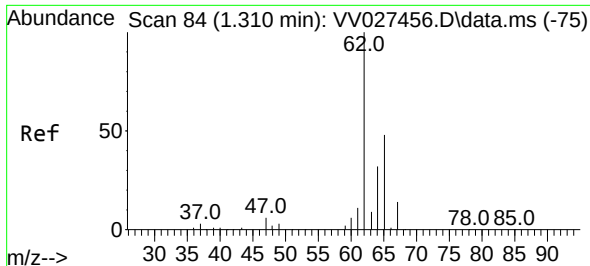
Tgt Ion: 85 Resp: 20201
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 0.212 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV027463.D
 Acq: 22 Aug 2022 13:18

Tgt Ion: 50 Resp: 2244
 Ion Ratio Lower Upper
 50 100
 52 28.8 22.8 42.4

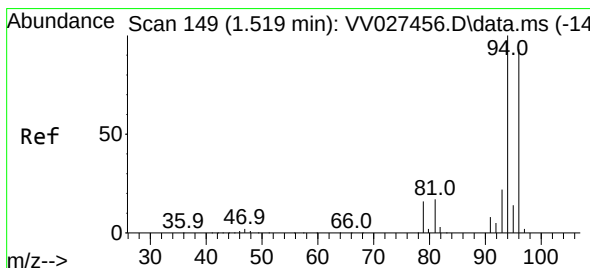
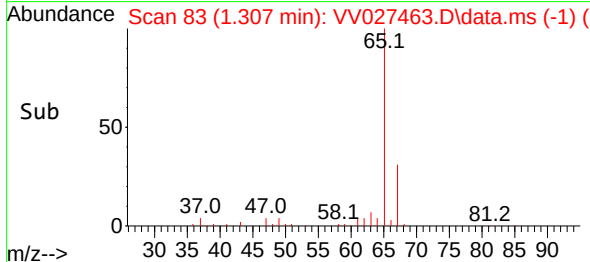
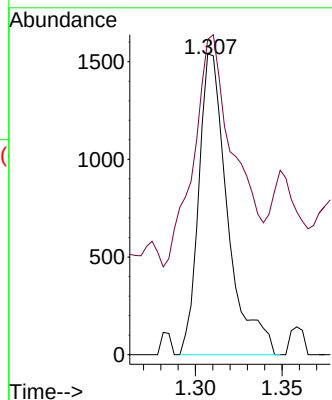
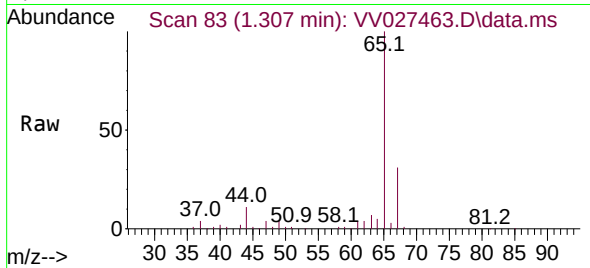




#5
 Vinyl chloride
 Concen: 0.168 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV027463.D
 Acq: 22 Aug 2022 13:18

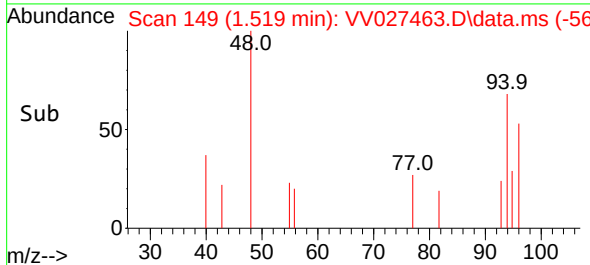
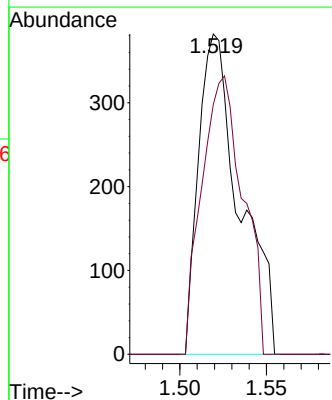
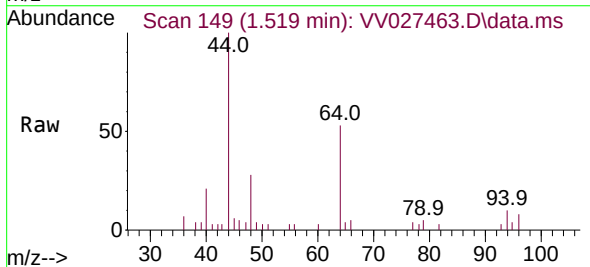
Instrument :
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 ClientSampleId :

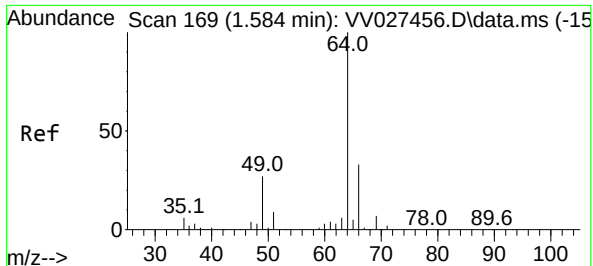
Tgt Ion: 62 Resp: 1794
 Ion Ratio Lower Upper
 62 100
 64 104.8 22.6 42.0#



#6
 Bromomethane
 Concen: 0.120 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV027463.D
 Acq: 22 Aug 2022 13:18

Tgt Ion: 94 Resp: 633
 Ion Ratio Lower Upper
 94 100
 96 78.0 65.2 121.0

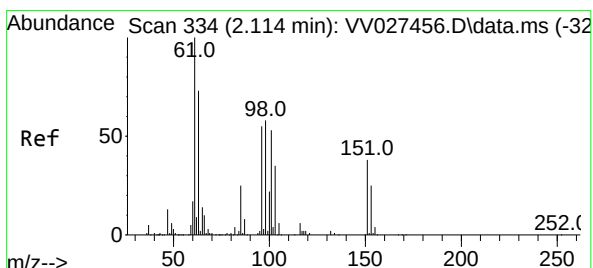
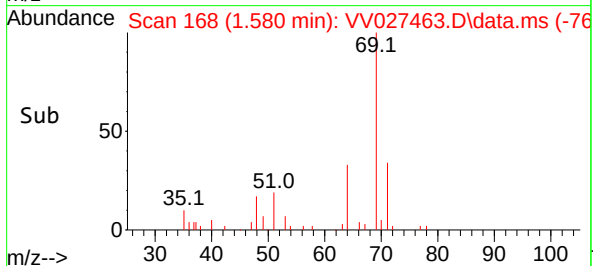
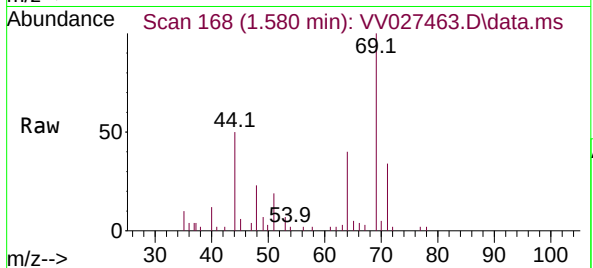




#8
Chloroethane
Concen: 0.134 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV027463.D
Acq: 22 Aug 2022 13:18

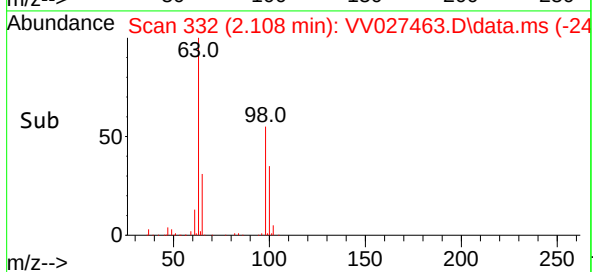
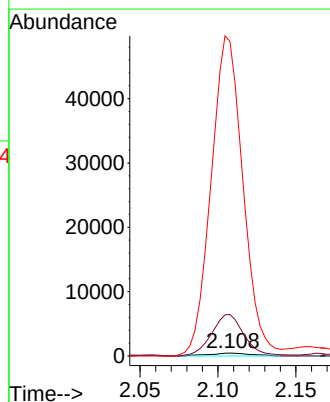
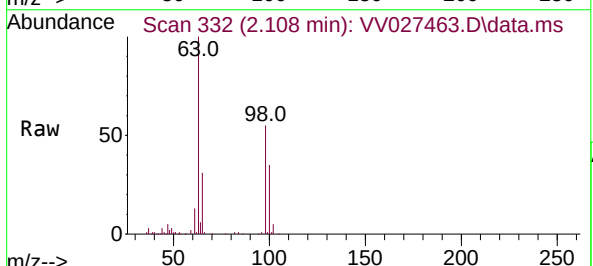
Instrument :
MSVOA_V
ClientSampleId :

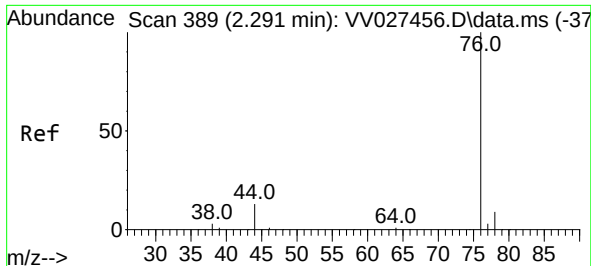
Tgt Ion: 64 Resp: 837
Ion Ratio Lower Upper
64 100
66 9.6 23.3 43.3#



#12
1,1-Dichloroethene
Concen: 0.096 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.007 min
Lab File: VV027463.D
Acq: 22 Aug 2022 13:18

Tgt Ion: 96 Resp: 831
Ion Ratio Lower Upper
96 100
61 1443.7 130.2 241.8#
63 10959.6 87.4 162.4#

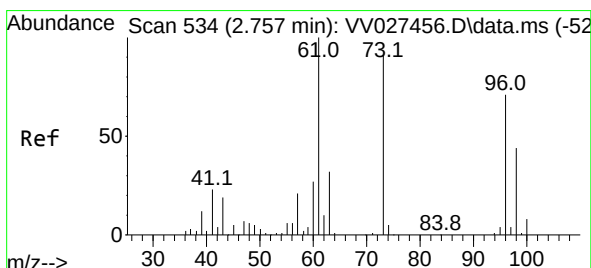
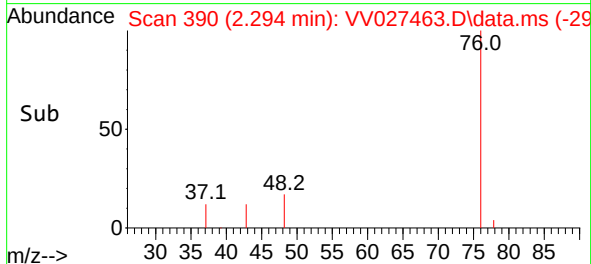
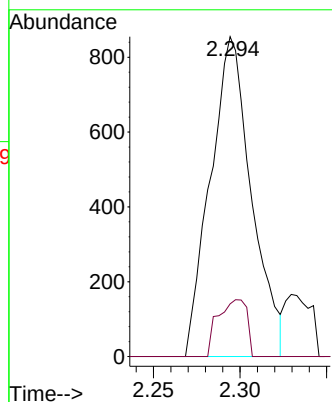
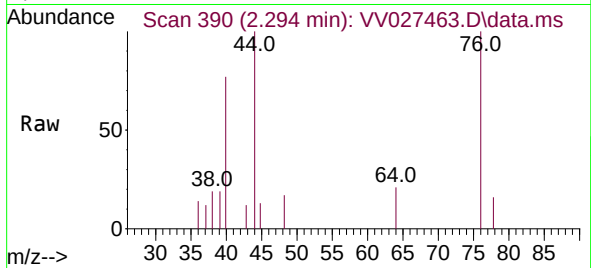




#14
Carbon disulfide
Concen: 0.060 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV027463.D
Acq: 22 Aug 2022 13:18

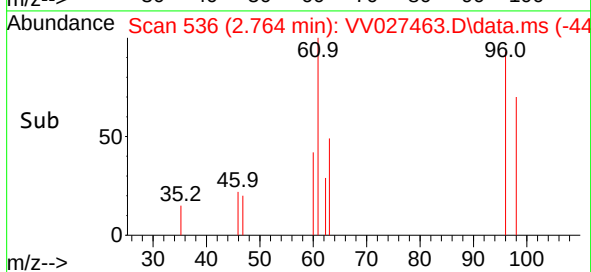
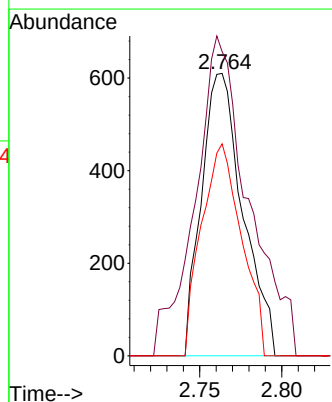
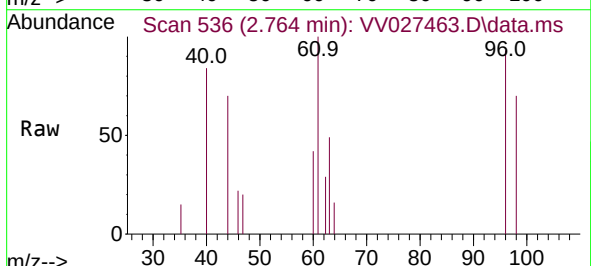
Instrument :
MSVOA_V
ClientSampleId :

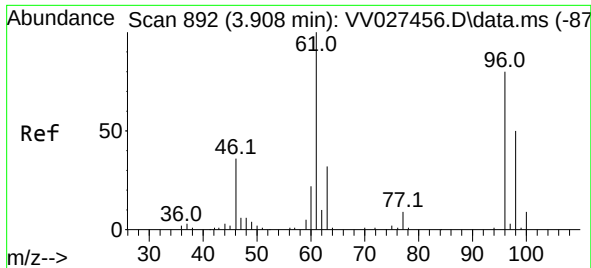
Tgt Ion: 76 Resp: 1413
Ion Ratio Lower Upper
76 100
78 16.5 7.3 10.9#



#18
trans-1,2-Dichloroethene
Concen: 0.120 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV027463.D
Acq: 22 Aug 2022 13:18

Tgt Ion: 96 Resp: 1069
Ion Ratio Lower Upper
96 100
61 107.7 97.6 181.4
98 75.1 45.9 85.3





#22

cis-1,2-Dichloroethene

Concen: 0.197 ug/L

RT: 3.918 min Scan# 89

Delta R.T. 0.009 min

Lab File: VV027463.D

Acq: 22 Aug 2022 13:18

Instrument :

MSVOA_V

ClientSampleId :

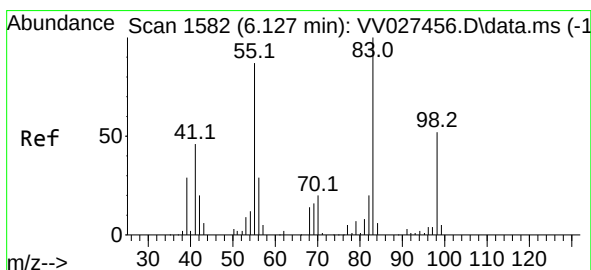
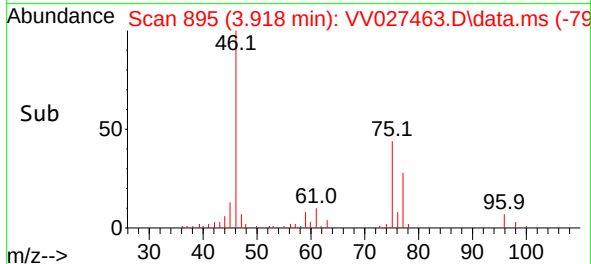
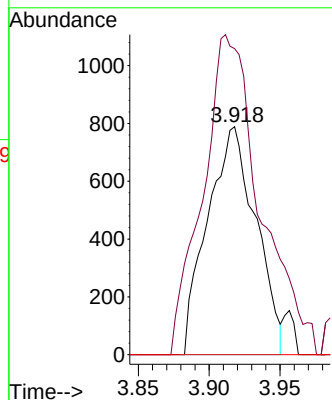
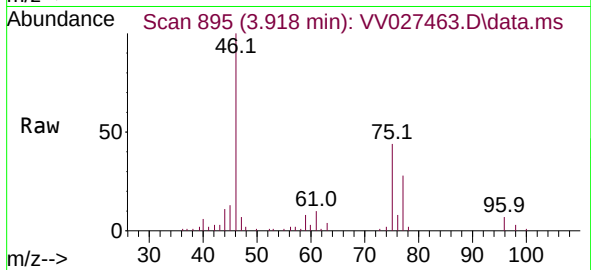
Tgt Ion: 96 Resp: 1870

Ion Ratio Lower Upper

96 100

61 134.2 90.6 168.2

68 0.0 0.0 0.0



#35

Methylcyclohexane

Concen: 0.827 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027463.D

Acq: 22 Aug 2022 13:18

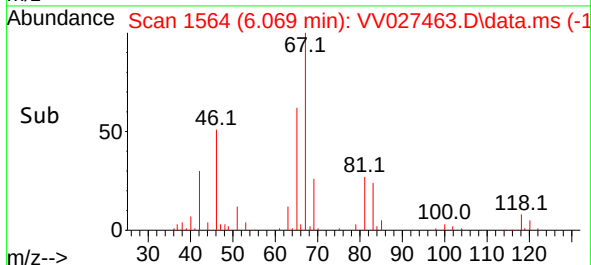
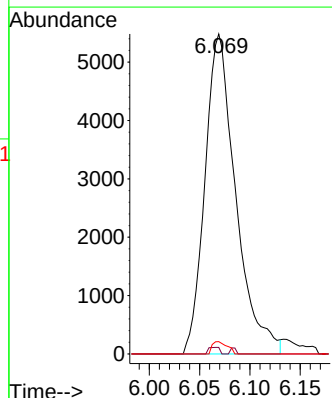
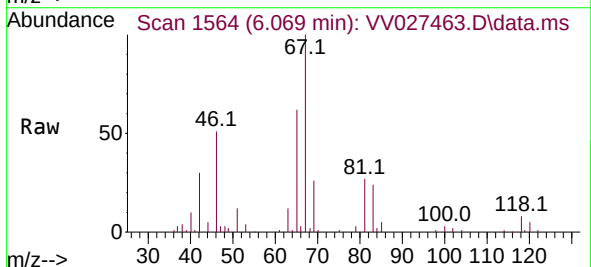
Tgt Ion: 83 Resp: 11676

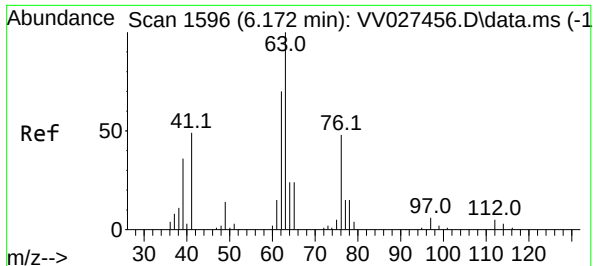
Ion Ratio Lower Upper

83 100

55 0.7 68.2 102.4#

98 1.9 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.580 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027463.D

Acq: 22 Aug 2022 13:18

Instrument :

MSVOA_V

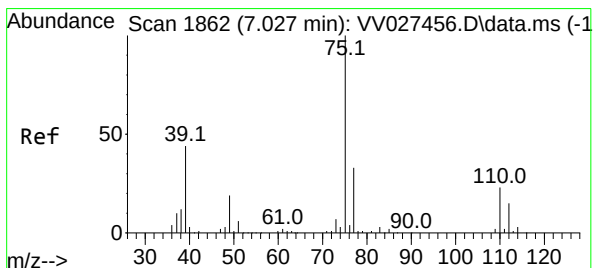
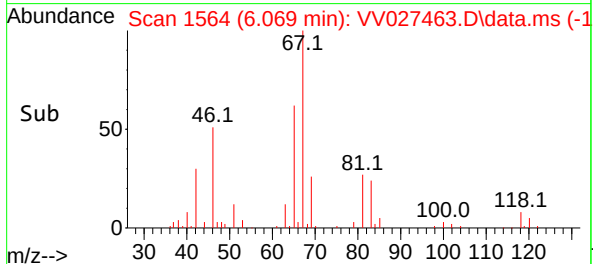
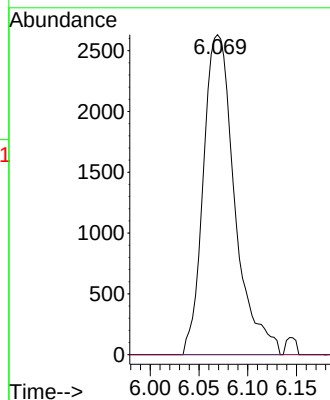
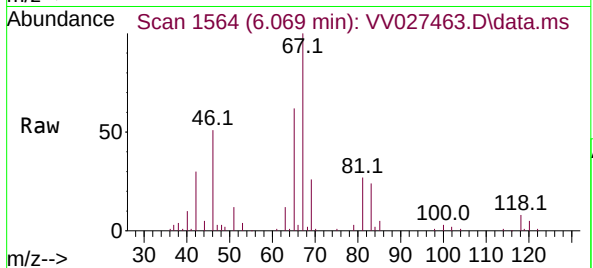
ClientSampleId :

Tgt Ion: 63 Resp: 5892

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV027463.D

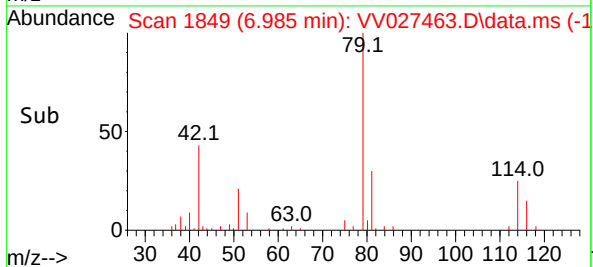
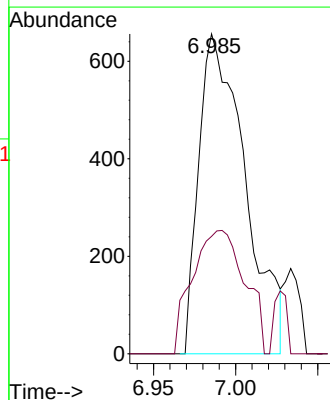
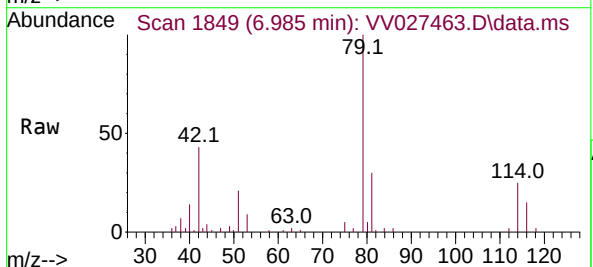
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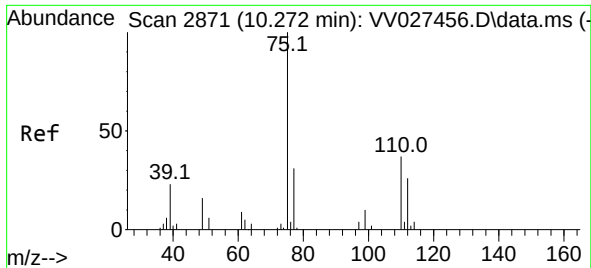
Tgt Ion: 75 Resp: 1285

Ion Ratio Lower Upper

75 100

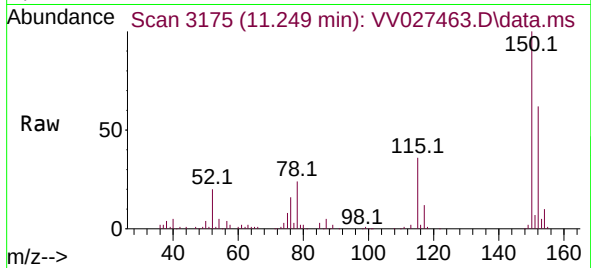
77 36.7 22.9 42.5





#61
 1,2,3-Trichloropropane
 Concen: 1.446 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
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Instrument :
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Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.6	26.2	39.2
110	1.6	29.9	44.9

