

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
 Data File : VV023381.D
 Acq On : 11 Nov 2021 12:37
 Operator : SY/MD
 Sample : M4558-19DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 00:29:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 08:19:32 2021
 Response via : Initial Calibration

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

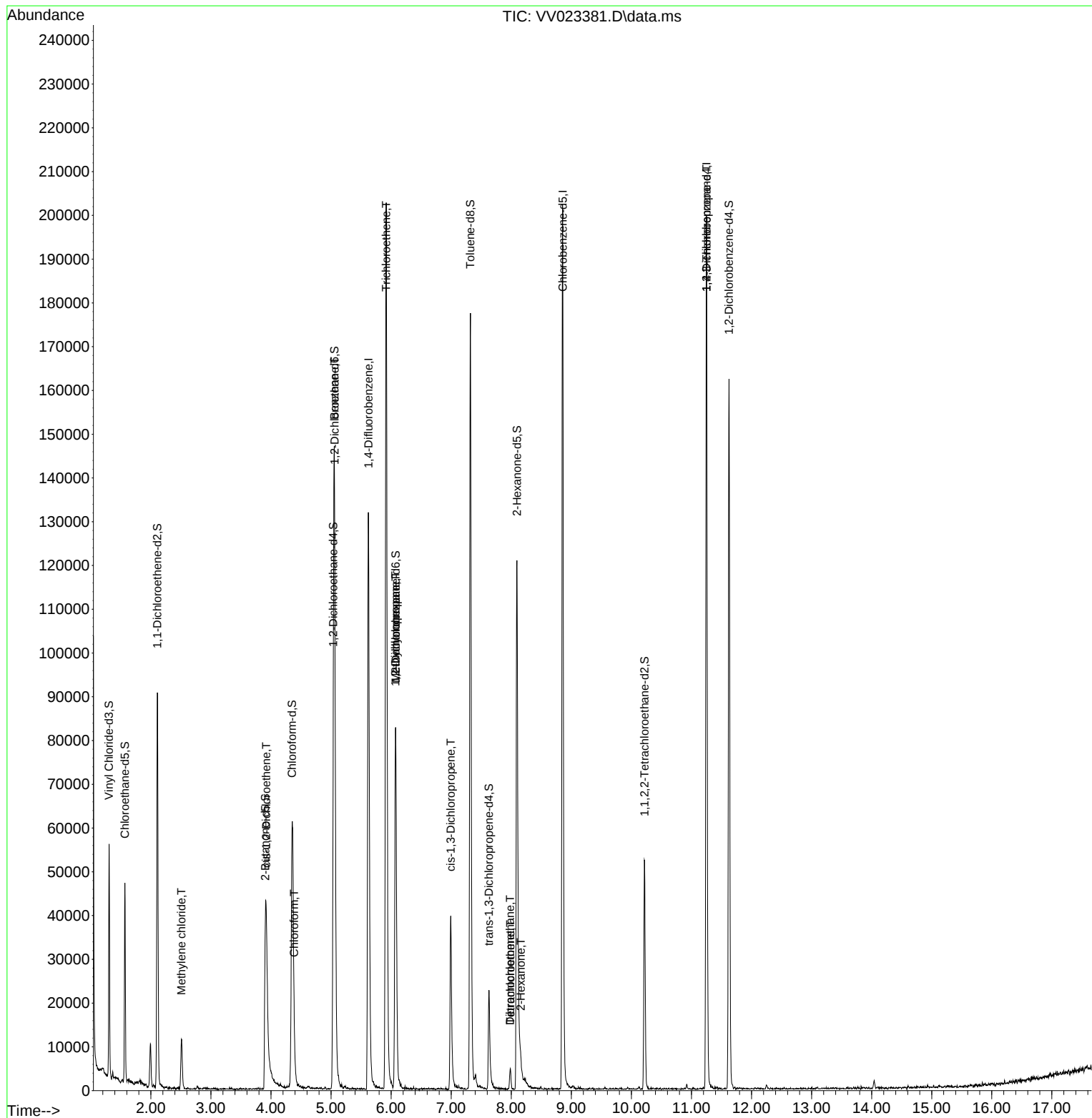
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	115801	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	113658	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52544	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32217	4.441	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.568	69	26490	4.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.108	63	46174	3.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	3.905	46	51398	41.124	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.240%
24) Chloroform-d	4.352	84	64571	4.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.037	65	31933	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.056	84	133357	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.075	67	39696	4.624	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.320	98	118524	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.628	79	14256	4.380	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.095	63	42201	35.236	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.480%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	24742	4.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	42305	4.835	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.510	84	4887	0.485	ug/L	95
22) cis-1,2-Dichloroethene	3.921	96	13372	1.637	ug/L #	87
25) Chloroform	4.384	83	5354	0.350	ug/L	79
27) 1,2-Dichloroethane	5.059	62	827	0.102	ug/L #	72
34) Trichloroethene	5.918	95	68063	8.057	ug/L	97
35) Methylcyclohexane	6.075	83	9794	0.735	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4753	0.641	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1171	0.110	ug/L #	74
47) Tetrachloroethene	7.985	164	1049	0.143	ug/L	86
48) 2-Hexanone	8.159	43	3404	1.412	ug/L #	56
49) Dibromochloromethane	7.982	129	1074	0.159	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5717	1.638	ug/L #	65

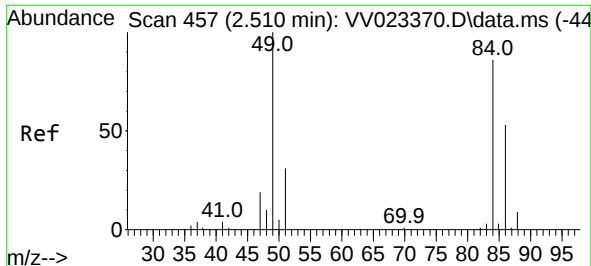
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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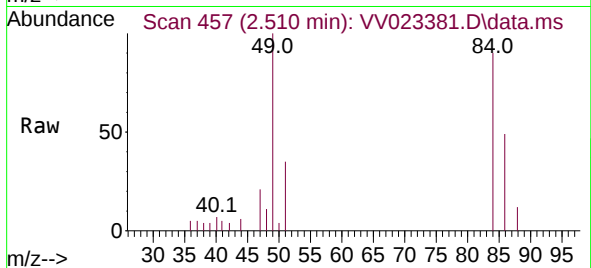
Quant Time: Nov 12 00:29:11 2021
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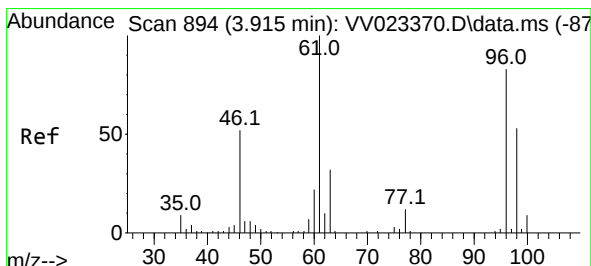
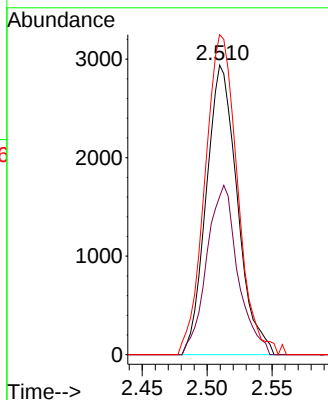
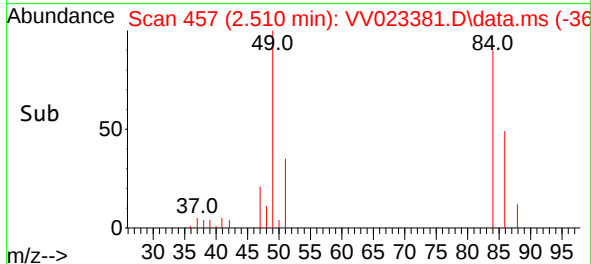


#16
Methylene chloride
Concen: 0.485 ug/L
RT: 2.510 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV023381.D
Acq: 11 Nov 2021 12:37

Instrument :
MSVOA_V
ClientSampleId :

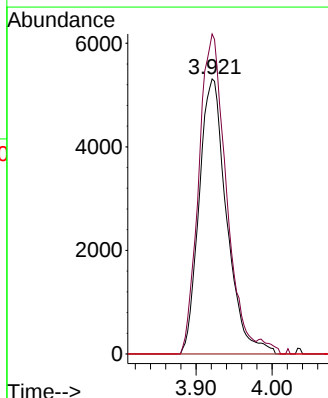
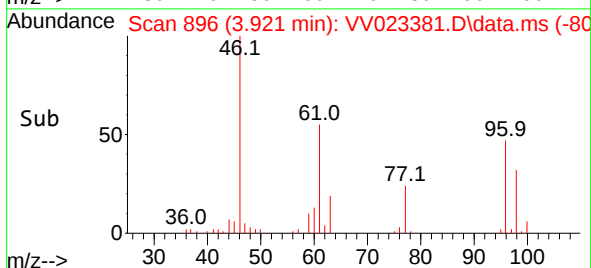
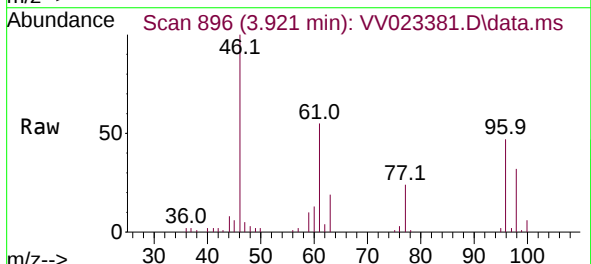


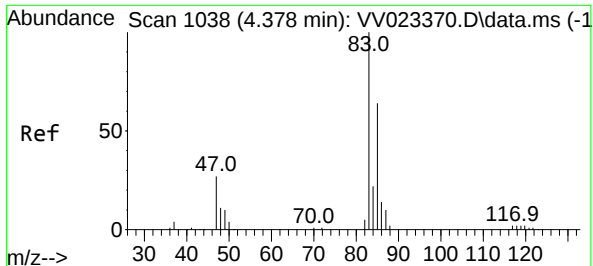
Tgt Ion: 84 Resp: 4887
Ion Ratio Lower Upper
84 100
86 54.6 42.3 78.5
49 110.5 79.7 148.1



#22
cis-1,2-Dichloroethene
Concen: 1.637 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.006 min
Lab File: VV023381.D
Acq: 11 Nov 2021 12:37

Tgt Ion: 96 Resp: 13372
Ion Ratio Lower Upper
96 100
61 116.3 92.3 171.3
68 0.0 0.4 0.8





#25

Chloroform

Concen: 0.350 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VV023381.D

Acq: 11 Nov 2021 12:37

Instrument :

MSVOA_V

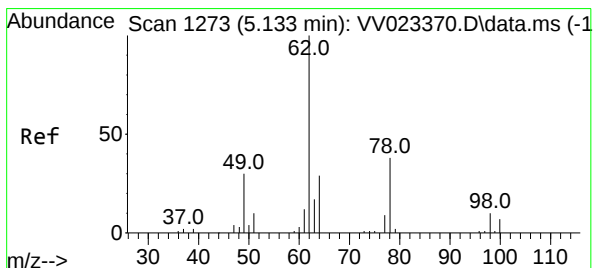
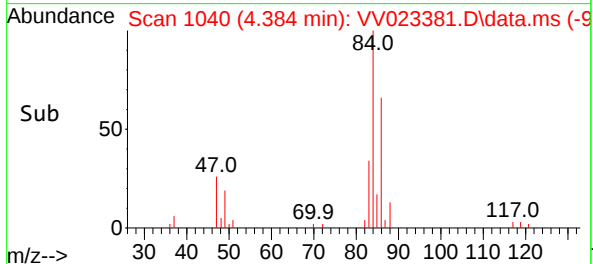
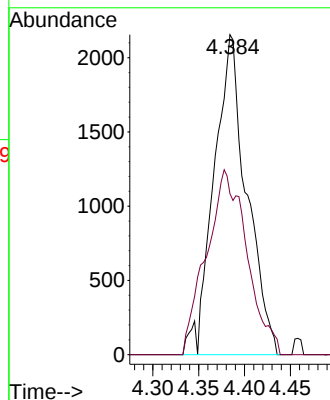
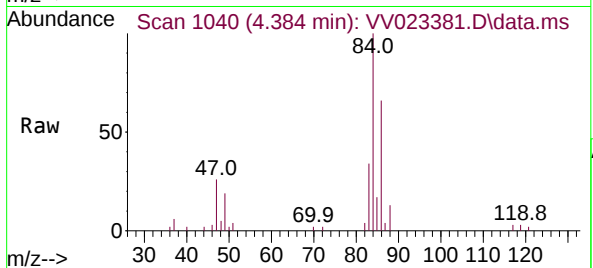
ClientSampleId :

Tgt Ion: 83 Resp: 5354

Ion Ratio Lower Upper

83 100

85 50.3 46.8 86.8



#27

1,2-Dichloroethane

Concen: 0.102 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. -0.074 min

Lab File: VV023381.D

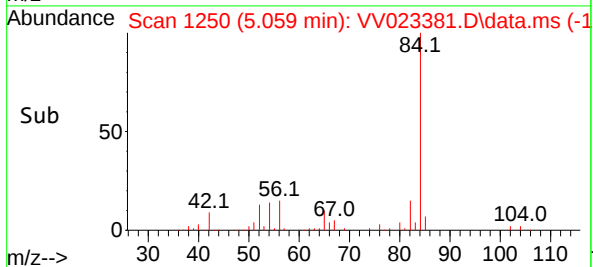
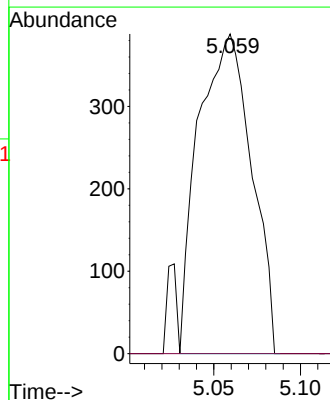
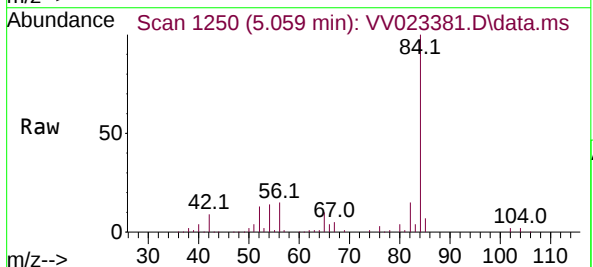
Acq: 11 Nov 2021 12:37

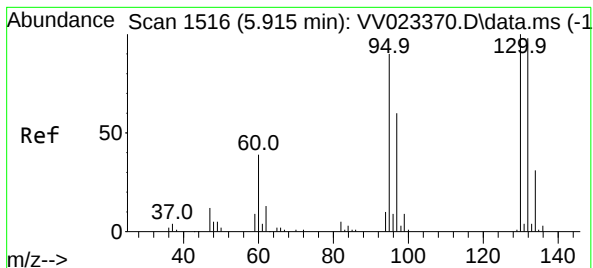
Tgt Ion: 62 Resp: 827

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#





#34

Trichloroethene

Concen: 8.057 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023381.D

Acq: 11 Nov 2021 12:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 68063

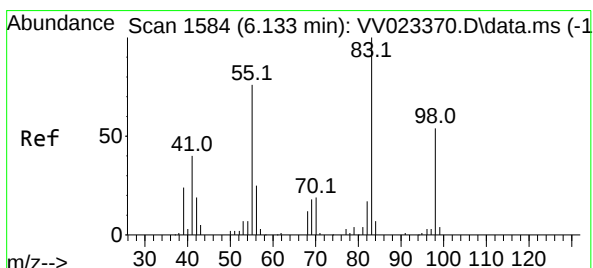
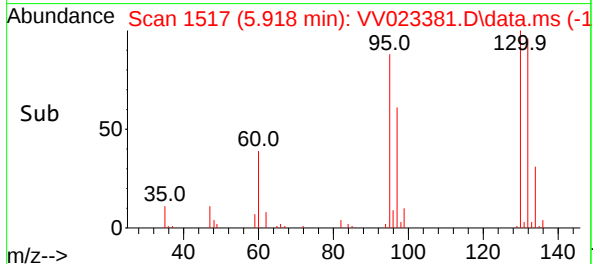
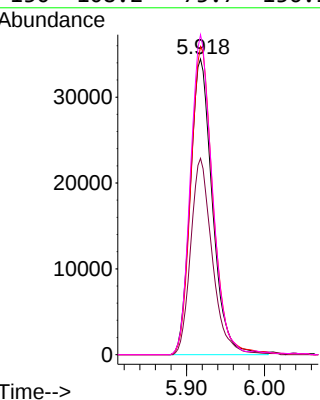
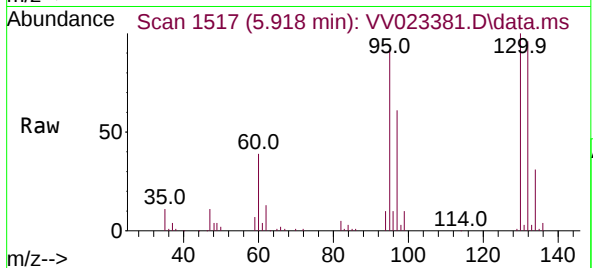
Ion Ratio Lower Upper

95 100

97 66.4 45.0 83.6

132 104.2 69.7 129.4

130 108.2 73.7 136.9



#35

Methylcyclohexane

Concen: 0.735 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV023381.D

Acq: 11 Nov 2021 12:37

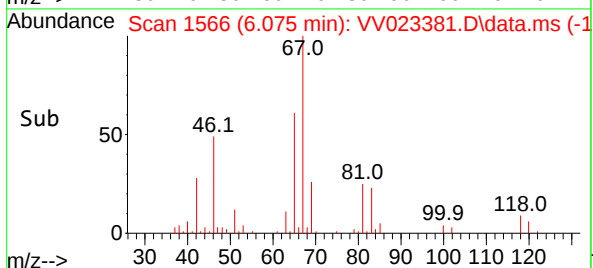
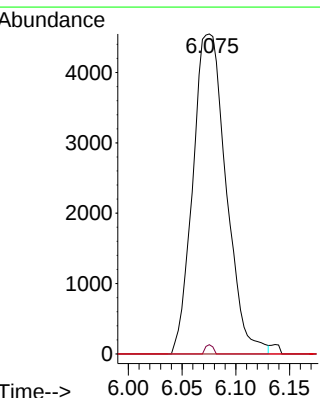
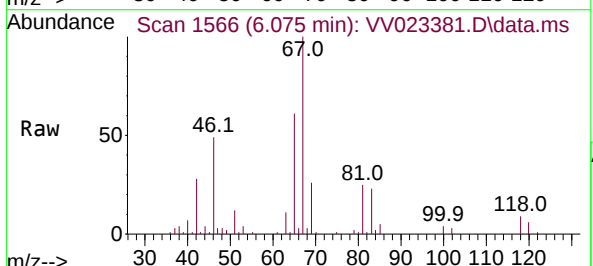
Tgt Ion: 83 Resp: 9794

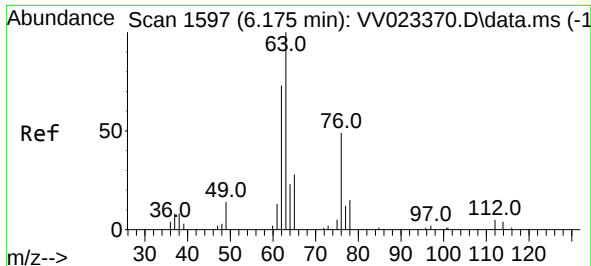
Ion Ratio Lower Upper

83 100

55 0.7 62.8 94.2#

98 0.0 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.641 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV023381.D

Acq: 11 Nov 2021 12:37

Instrument :

MSVOA_V

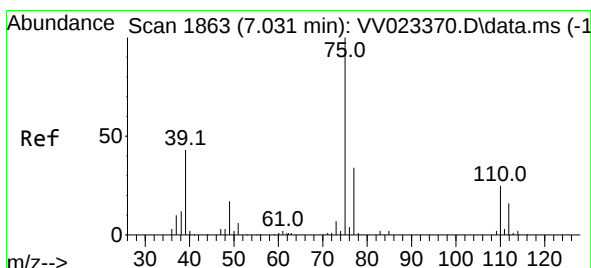
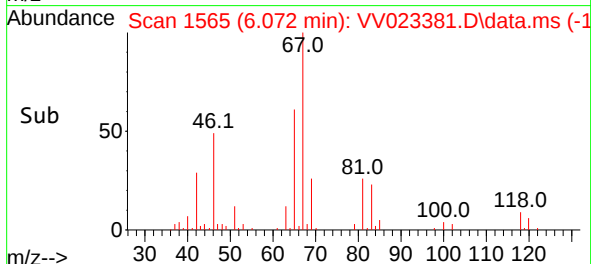
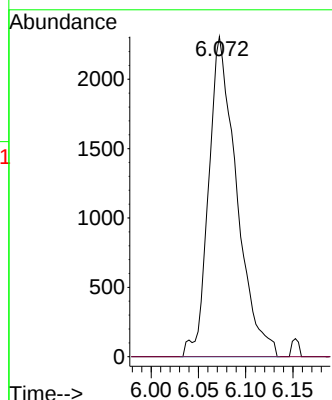
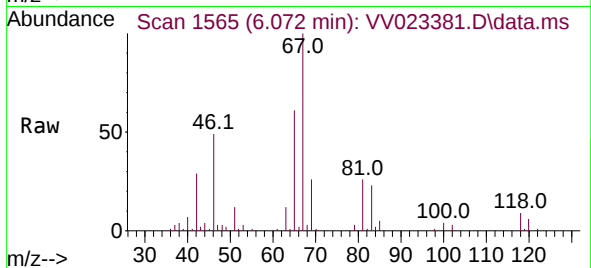
ClientSampleId :

Tgt Ion: 63 Resp: 4753

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.039 min

Lab File: VV023381.D

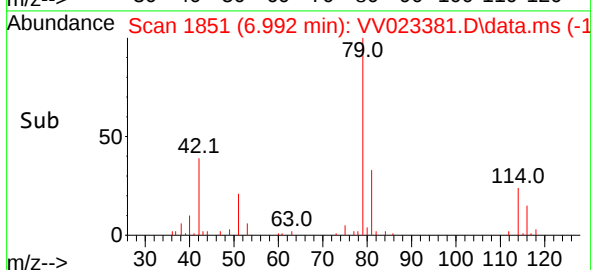
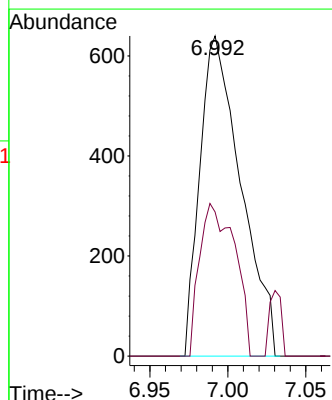
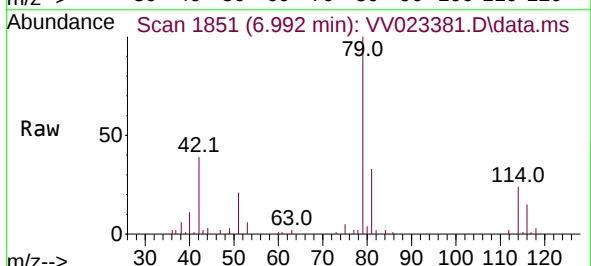
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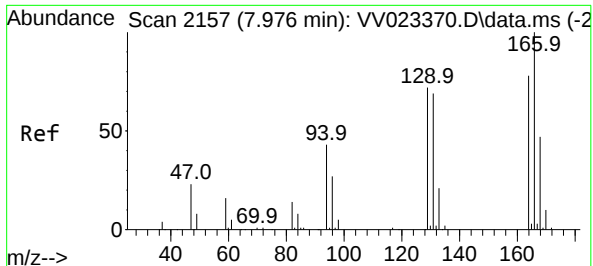
Tgt Ion: 75 Resp: 1171

Ion Ratio Lower Upper

75 100

77 45.0 21.6 40.2#





#47

Tetrachloroethene

Concen: 0.143 ug/L

RT: 7.985 min Scan# 2157

Delta R.T. 0.009 min

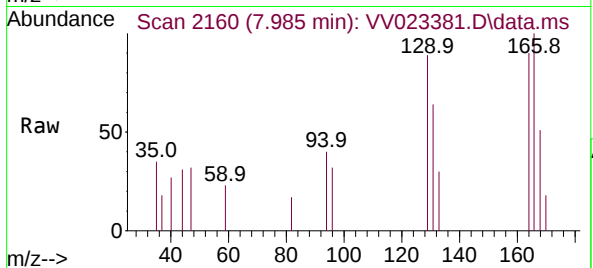
Lab File: VV023381.D

Acq: 11 Nov 2021 12:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1049

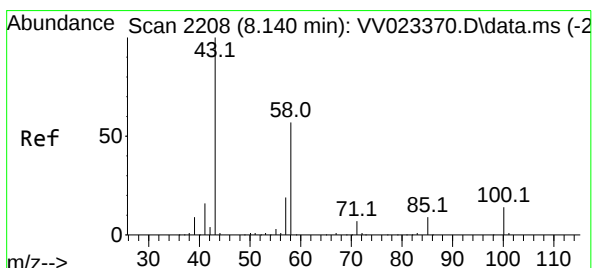
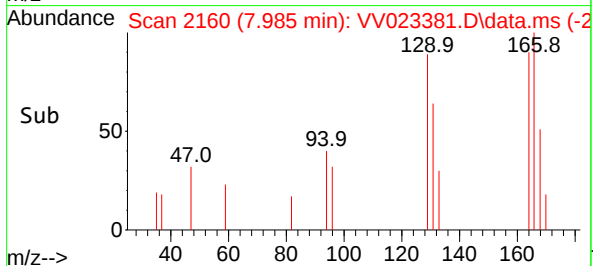
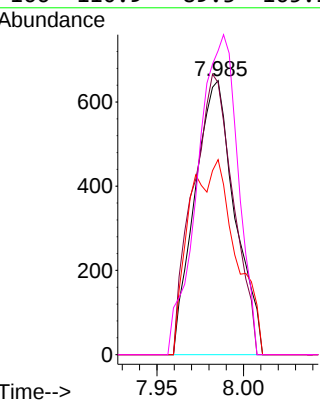
Ion Ratio Lower Upper

164 100

129 99.2 64.0 119.0

131 71.1 63.4 117.8

166 110.9 89.3 165.9



#48

2-Hexanone

Concen: 1.412 ug/L

RT: 8.159 min Scan# 2214

Delta R.T. 0.019 min

Lab File: VV023381.D

Acq: 11 Nov 2021 12:37

Tgt Ion: 43 Resp: 3404

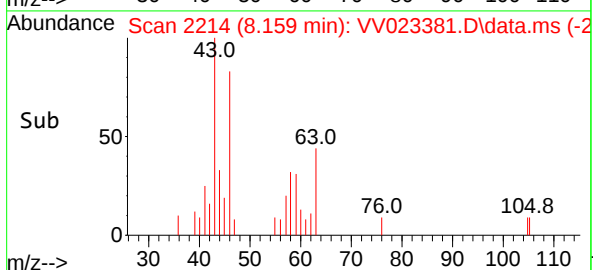
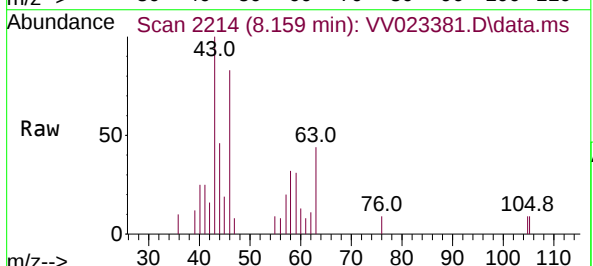
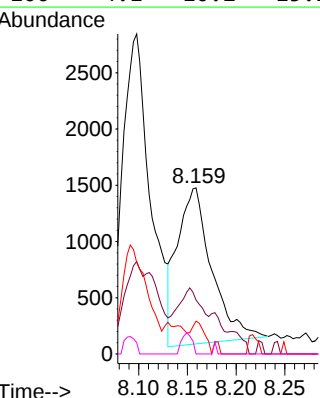
Ion Ratio Lower Upper

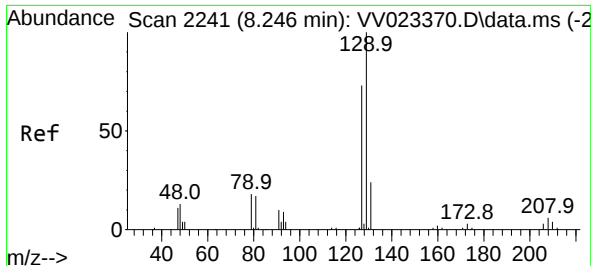
43 100

58 13.6 43.7 65.5#

57 8.5 14.1 21.1#

100 4.1 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.159 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV023381.D

Acq: 11 Nov 2021 12:37

Instrument :

MSVOA_V

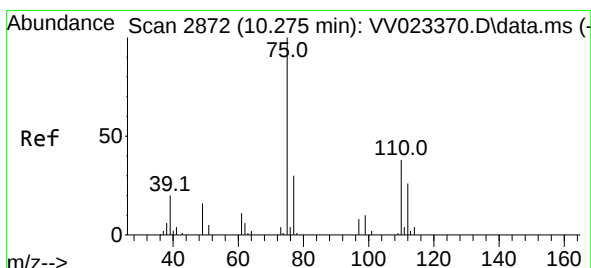
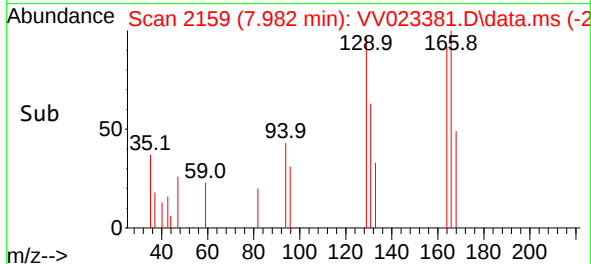
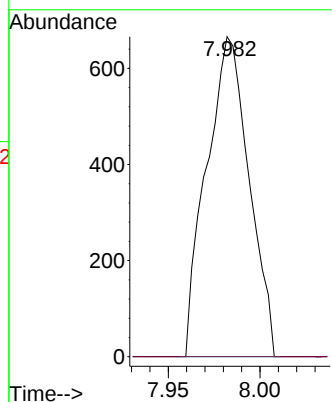
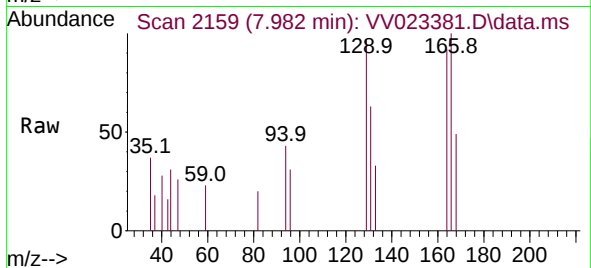
ClientSampleId :

Tgt Ion:129 Resp: 1074

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.638 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023381.D

Acq: 11 Nov 2021 12:37

Tgt Ion: 75 Resp: 5717

Ion Ratio Lower Upper

75 100

77 35.3 26.6 39.8

110 1.5 31.8 47.6#

