

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024030.D
 Acq On : 16 Dec 2021 22:54
 Operator : SY/MD
 Sample : M5133-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 05:33:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

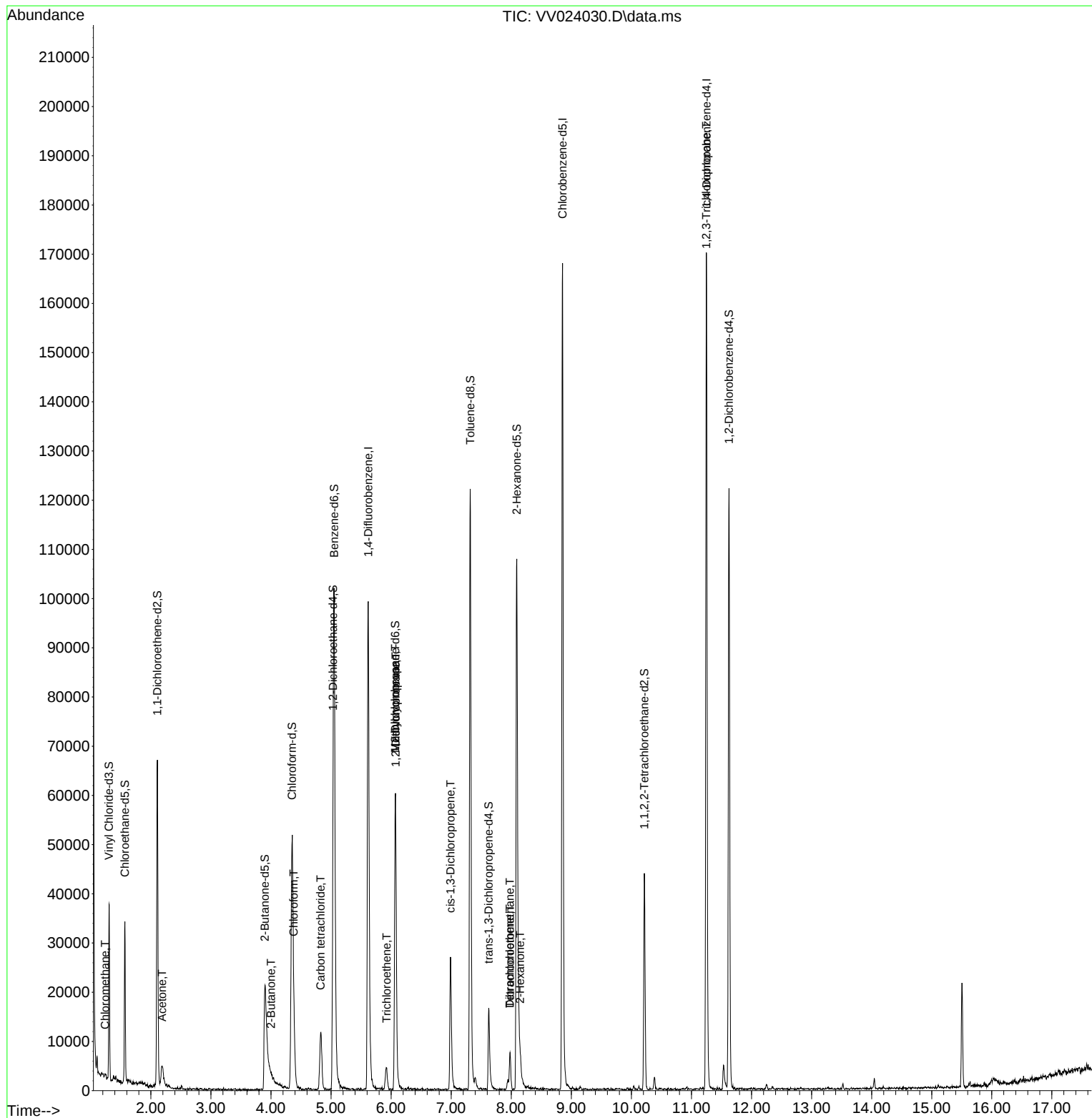
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	89414	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	94216	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47958	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	21635	4.501	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.568	69	18397	4.587	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.108	63	34207	3.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	3.899	46	45633	48.592	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.180%
24) Chloroform-d	4.349	84	50130	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.034	65	24040	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.053	84	92246	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.069	67	27506	4.886	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.316	98	81814	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	7.625	79	10603	4.540	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.091	63	39960	38.218	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	19625	4.202	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	33053	5.160	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	357	0.054	ug/L	83
13) Acetone	2.188	43	8549	11.379	ug/L	83
21) 2-Butanone	3.998	43	1499	1.396	ug/L	82
25) Chloroform	4.378	83	10716	0.809	ug/L	96
31) Carbon tetrachloride	4.825	117	9114	0.787	ug/L	99
34) Trichloroethene	5.924	95	1214	0.161	ug/L #	83
35) Methylcyclohexane	6.069	83	7233	0.654	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	3522	0.556	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	870	0.093	ug/L #	64
47) Tetrachloroethene	7.979	164	1795	0.271	ug/L	86
48) 2-Hexanone	8.146	43	2328	1.055	ug/L #	44
49) Dibromochloromethane	7.979	129	1683	0.264	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	4829	1.478	ug/L #	61

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

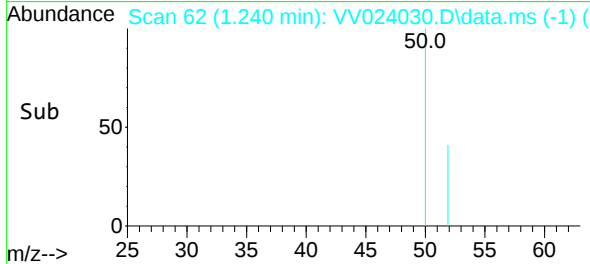
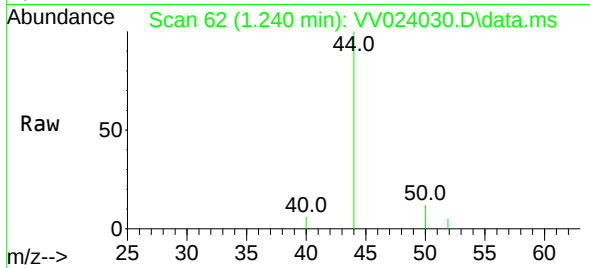
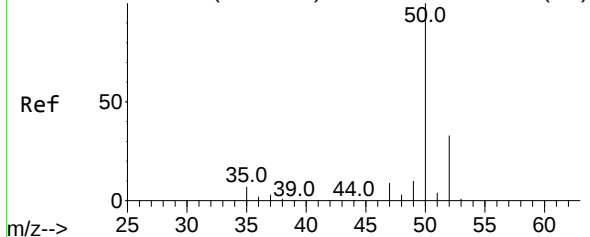
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121621\
Data File : VV024030.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
Response via : Initial Calibration



Abundance Scan 62 (1.240 min): VV024028.D\data.ms (-54)



#3

Chloromethane

Concen: 0.054 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV024030.D

Acq: 16 Dec 2021 22:54

Instrument :

MSVOA_V

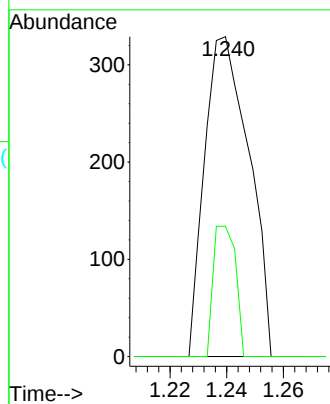
ClientSampleId :

Tgt Ion: 50 Resp: 357

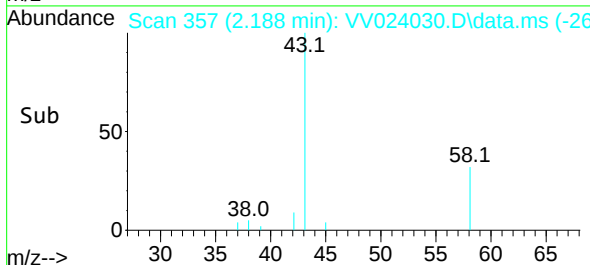
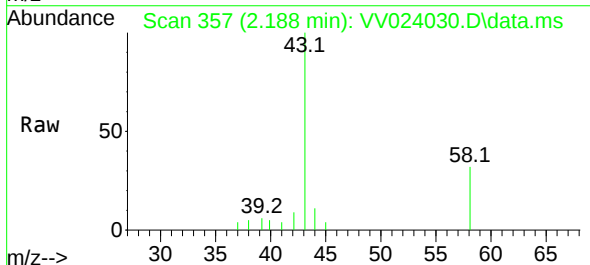
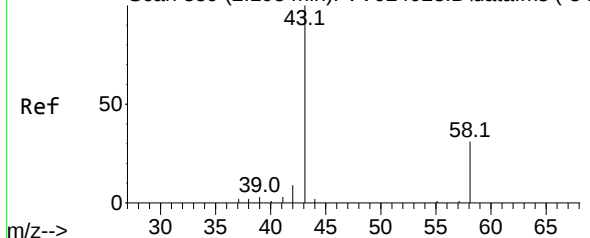
Ion Ratio Lower Upper

50 100

52 40.7 22.0 41.0



Abundance Scan 359 (2.195 min): VV024028.D\data.ms (-34)



#13

Acetone

Concen: 11.379 ug/L

RT: 2.188 min Scan# 357

Delta R.T. -0.010 min

Lab File: VV024030.D

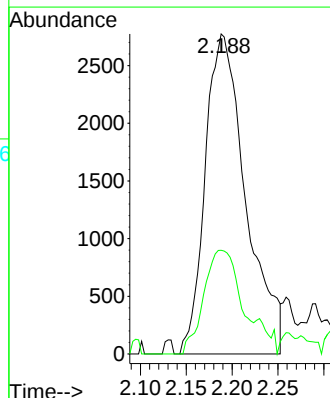
Acq: 16 Dec 2021 22:54

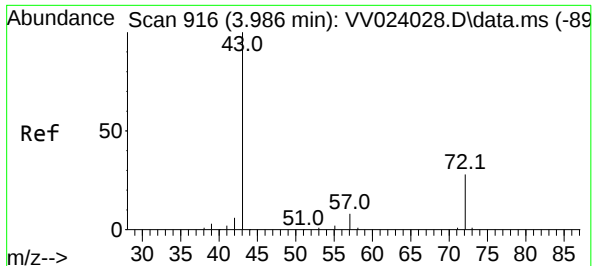
Tgt Ion: 43 Resp: 8549

Ion Ratio Lower Upper

43 100

58 28.6 0.0 41.4

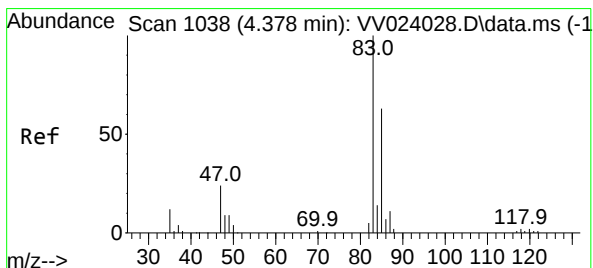
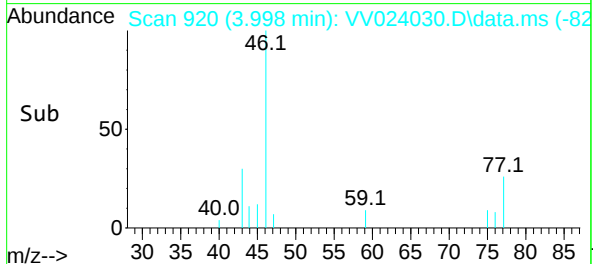
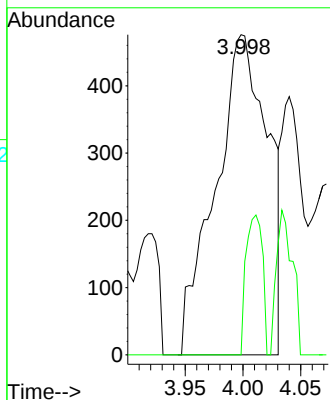
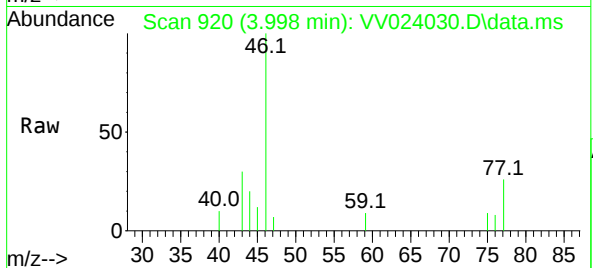




#21
2-Butanone
Concen: 1.396 ug/L
RT: 3.998 min Scan# 916
Delta R.T. 0.010 min
Lab File: VV024030.D
Acq: 16 Dec 2021 22:54

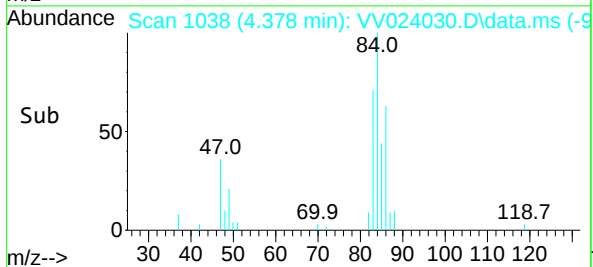
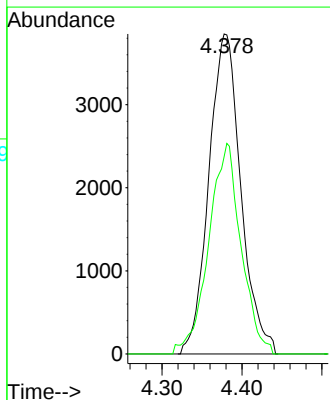
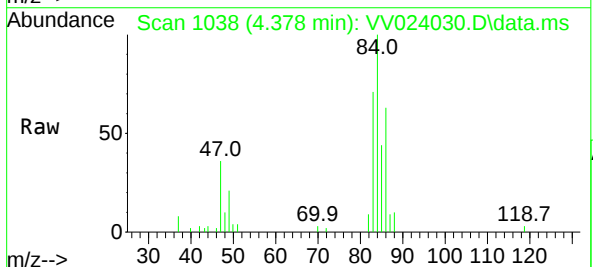
Instrument :
MSVOA_V
ClientSampleId :

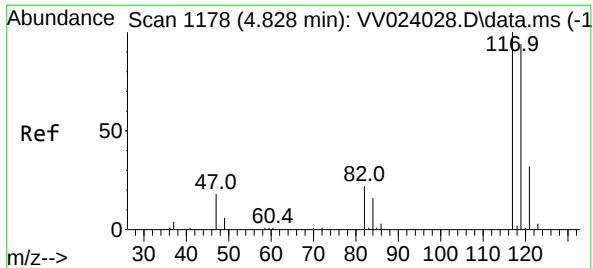
Tgt Ion: 43 Resp: 1499
Ion Ratio Lower Upper
43 100
72 13.7 11.1 33.1



#25
Chloroform
Concen: 0.809 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV024030.D
Acq: 16 Dec 2021 22:54

Tgt Ion: 83 Resp: 10716
Ion Ratio Lower Upper
83 100
85 61.6 45.2 84.0

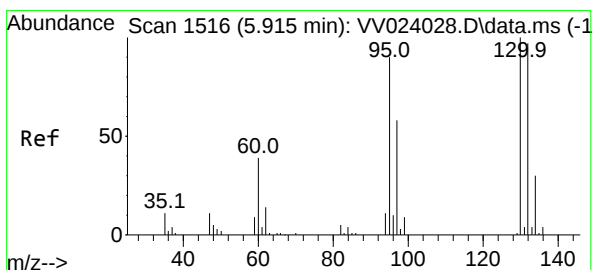
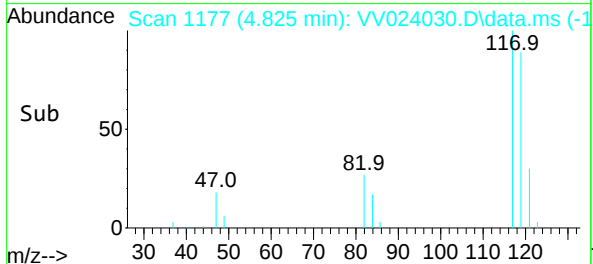
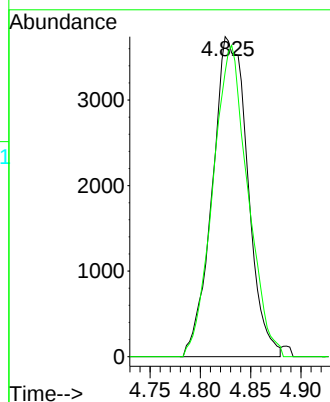
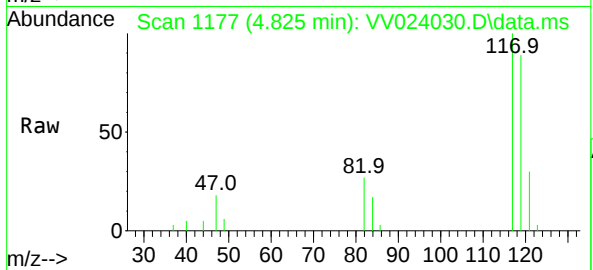




#31
Carbon tetrachloride
Concen: 0.787 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV024030.D
Acq: 16 Dec 2021 22:54

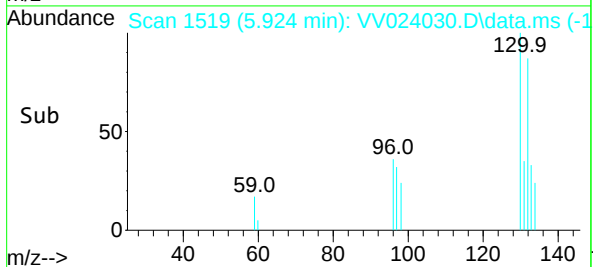
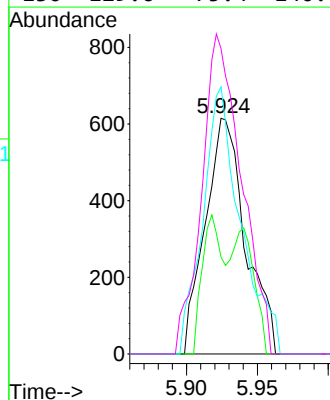
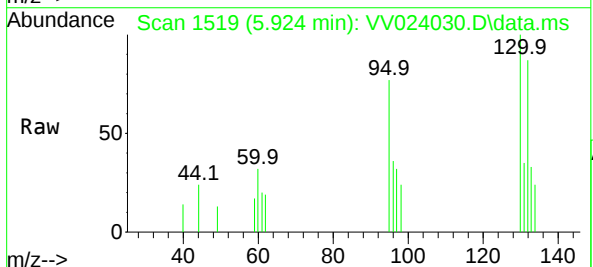
Instrument :
MSVOA_V
ClientSampleId :

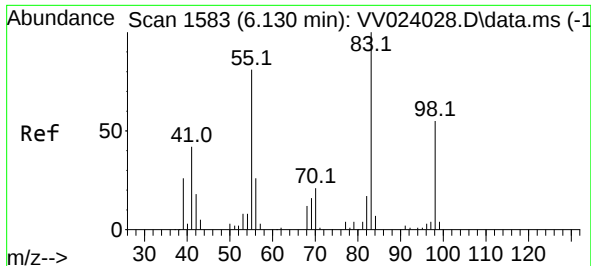
Tgt Ion:117 Resp: 9114
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8



#34
Trichloroethene
Concen: 0.161 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV024030.D
Acq: 16 Dec 2021 22:54

Tgt Ion: 95 Resp: 1214
Ion Ratio Lower Upper
95 100
97 41.1 45.2 84.0#
132 113.3 76.1 141.3
130 129.6 75.4 140.0





#35

Methylcyclohexane

Concen: 0.654 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV024030.D

Acq: 16 Dec 2021 22:54

Instrument :

MSVOA_V

ClientSampleId :

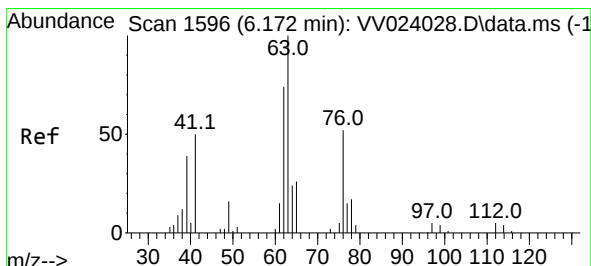
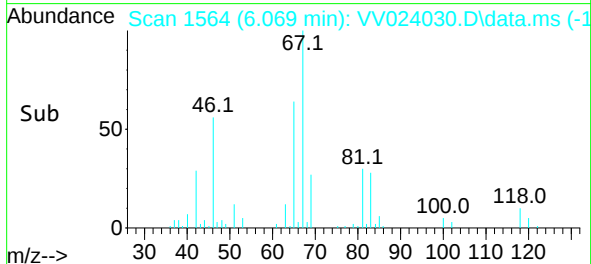
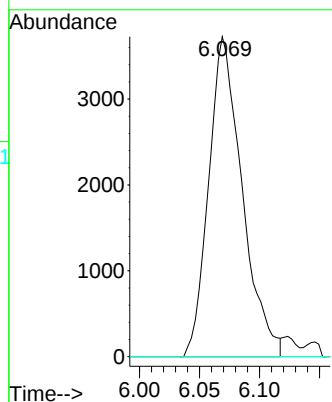
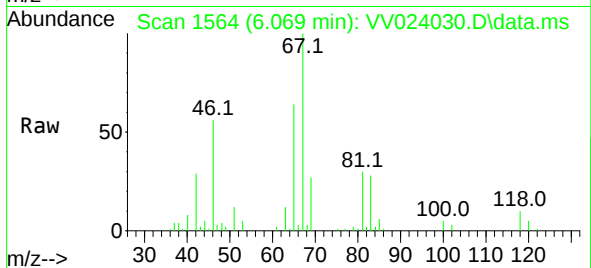
Tgt Ion: 83 Resp: 7233

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 3.4 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.556 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.097 min

Lab File: VV024030.D

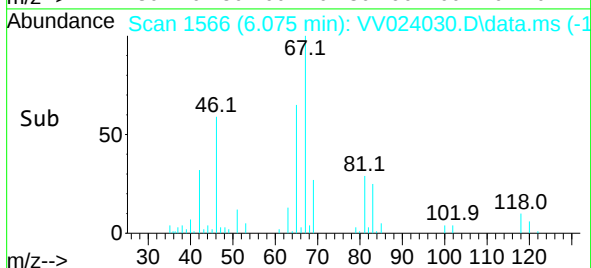
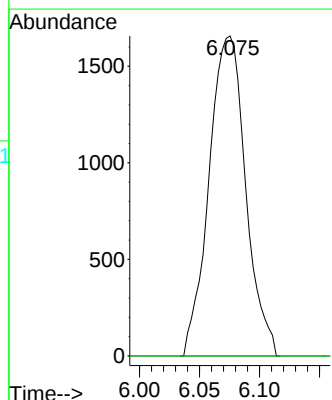
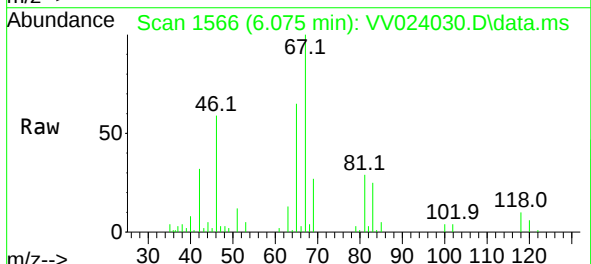
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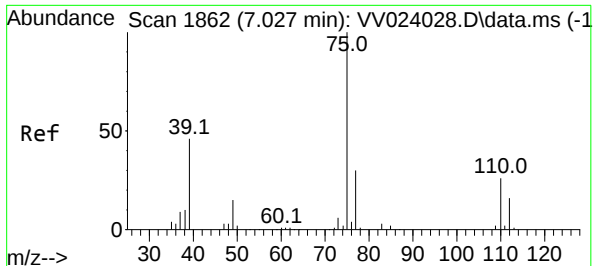
Tgt Ion: 63 Resp: 3522

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV024030.D

Acq: 16 Dec 2021 22:54

Instrument :

MSVOA_V

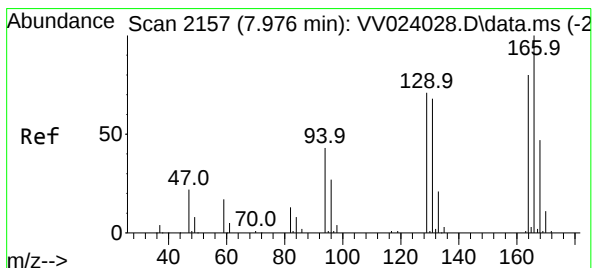
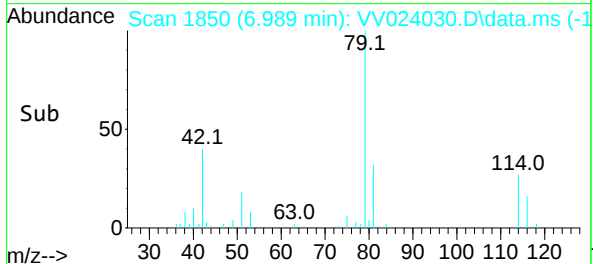
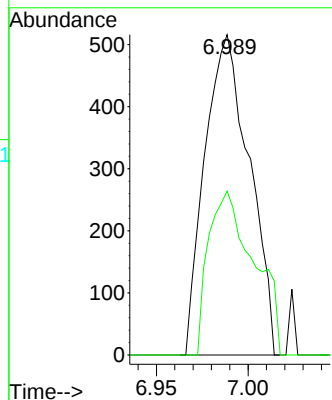
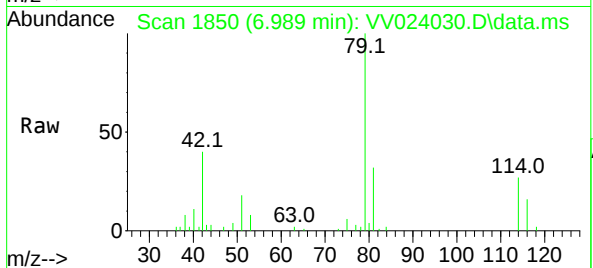
ClientSampleId :

Tgt Ion: 75 Resp: 870

Ion Ratio Lower Upper

75 100

77 51.2 22.0 41.0#



#47

Tetrachloroethene

Concen: 0.271 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV024030.D

Acq: 16 Dec 2021 22:54

Tgt Ion:164 Resp: 1795

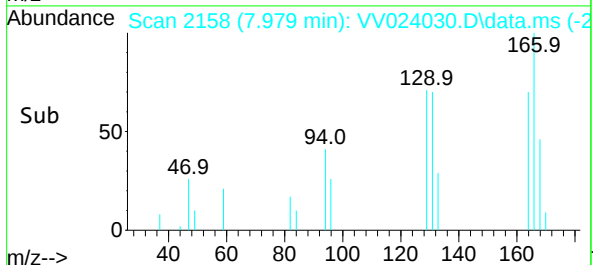
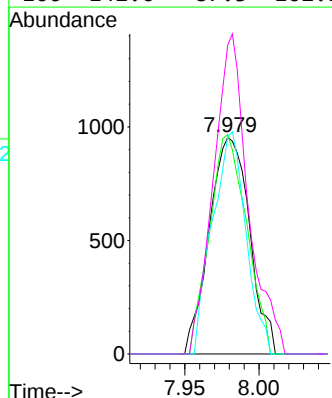
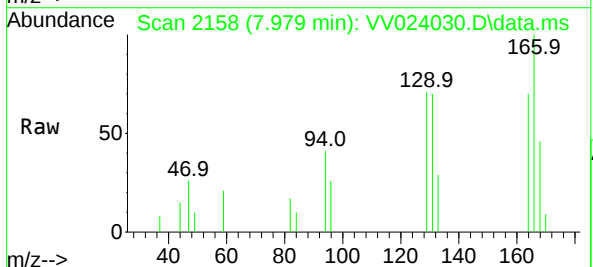
Ion Ratio Lower Upper

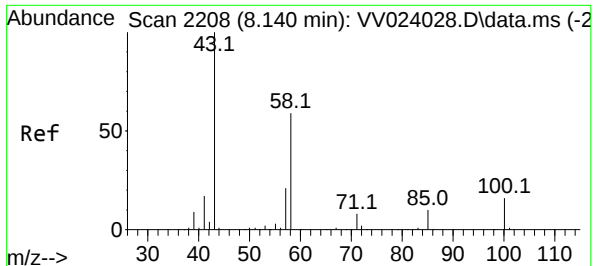
164 100

129 101.3 62.6 116.2

131 100.3 61.0 113.4

166 142.6 87.3 162.1





#48

2-Hexanone

Concen: 1.055 ug/L

RT: 8.146 min Scan# 2158

Delta R.T. 0.006 min

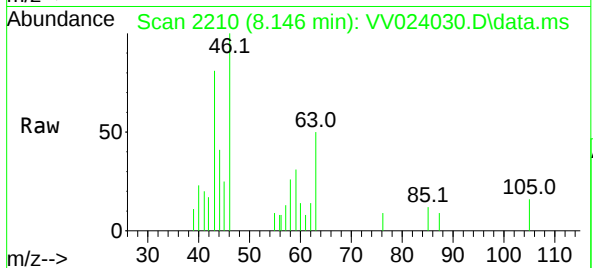
Lab File: VV024030.D

Acq: 16 Dec 2021 22:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 2328

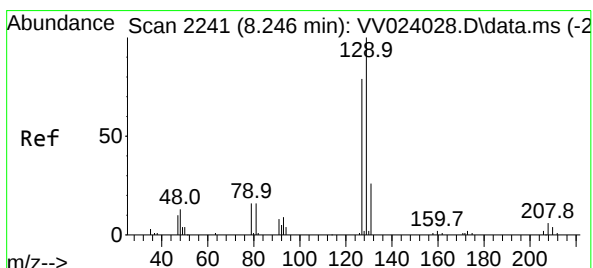
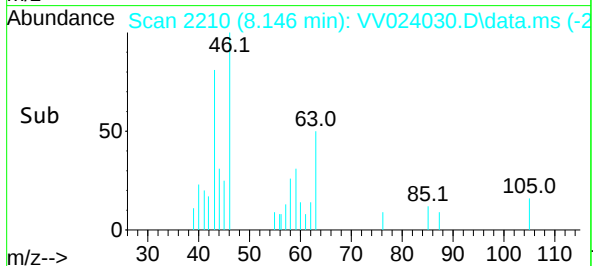
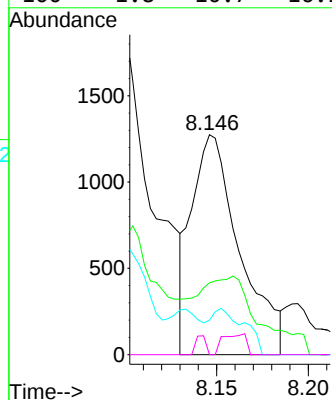
Ion Ratio Lower Upper

43 100

58 0.0 44.5 66.7#

57 11.4 15.1 22.7#

100 1.8 10.7 16.1#



#49

Dibromochloromethane

Concen: 0.264 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV024030.D

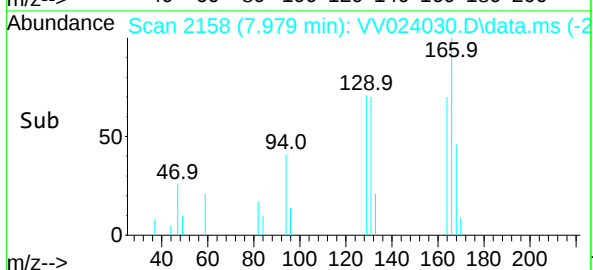
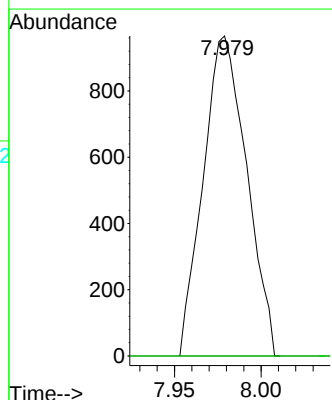
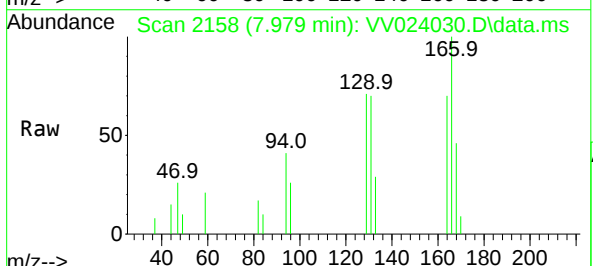
Acq: 16 Dec 2021 22:54

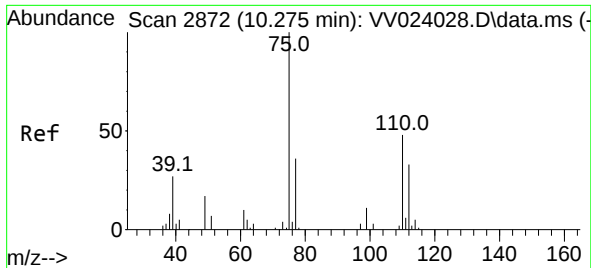
Tgt Ion: 129 Resp: 1683

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#





#61

1,2,3-Trichloropropane

Concen: 1.478 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

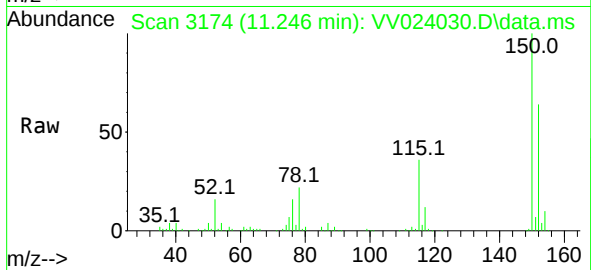
Lab File: VV024030.D

Acq: 16 Dec 2021 22:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 4829

Ion Ratio Lower Upper

75 100

77 34.9 26.4 39.6

110 0.4 34.2 51.2#

