

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
 Data File : VV022884.D
 Acq On : 18 Oct 2021 22:42
 Operator : SY/MD
 Sample : M4200-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 04:07:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 04:07:06 2021
 Response via : Initial Calibration

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

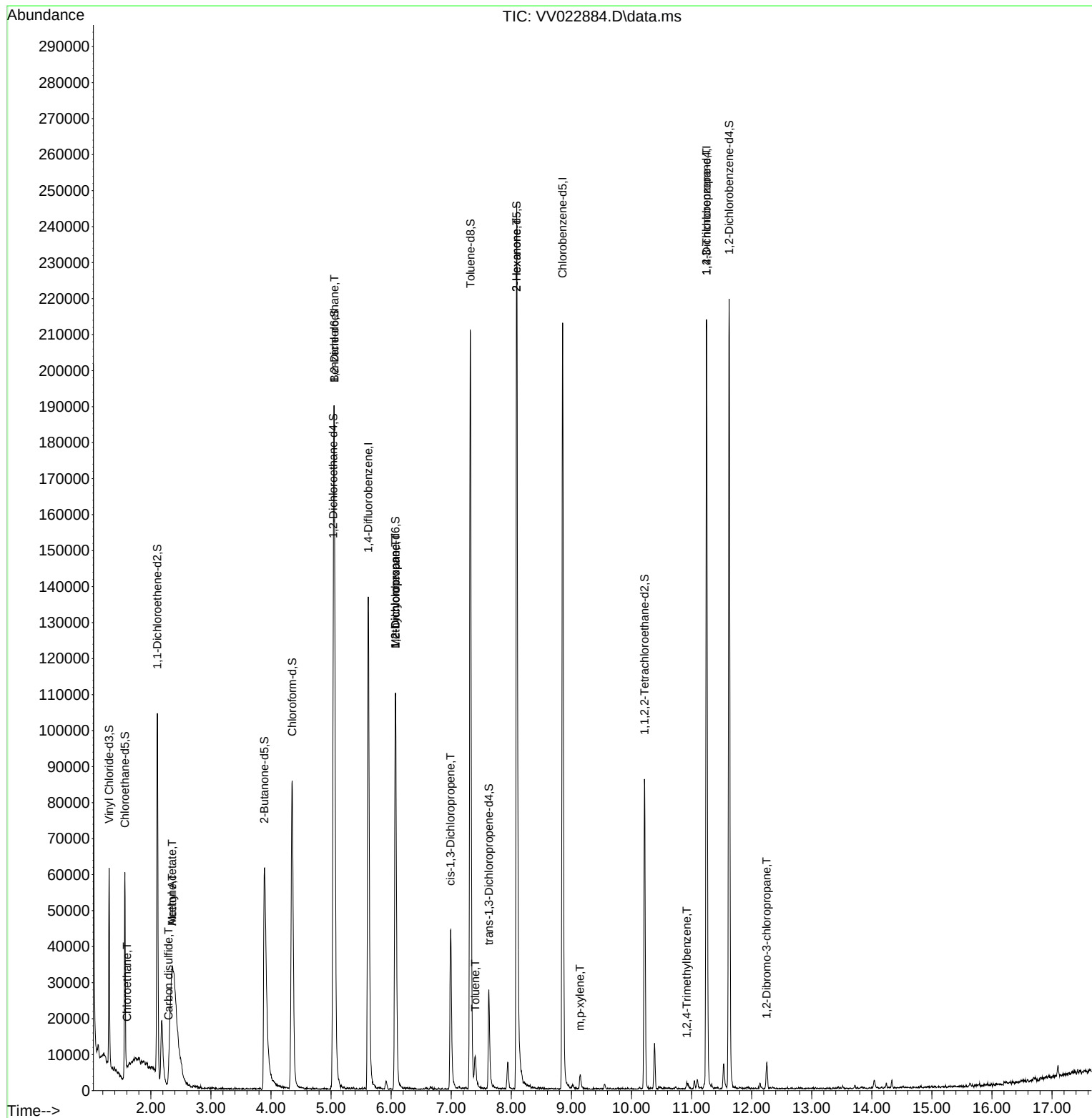
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122711	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122494	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33265	3.940	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.568	69	32722	4.313	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.108	63	50411	3.044	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	3.889	46	109742	49.574	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.140%
24) Chloroform-d	4.352	84	89089	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.037	65	42613	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.053	84	171865	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.072	67	54706	5.066	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.320	98	144139	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.625	79	16376	4.571	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.088	63	84266	58.369	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.740%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40120	5.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	58494	5.315	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						Qvalue
8) Chloroethane	1.603	64	4244	0.739	ug/L #	55
13) Acetone	2.355	43	13136	10.642	ug/L	82
14) Carbon disulfide	2.294	76	1160	0.056	ug/L #	75
15) Methyl Acetate	2.355	43	13136	3.719	ug/L #	50
27) 1,2-Dichloroethane	5.053	62	1019	0.121	ug/L #	69
35) Methylcyclohexane	6.072	83	13525	1.076	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	6109	0.770	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1268	0.121	ug/L #	25
42) Toluene	7.400	91	6702	0.200	ug/L	94
48) 2-Hexanone	8.088	43	9651	3.096	ug/L #	70
53) m,p-xylene	9.143	106	1374	0.103	ug/L	96
61) 1,2,3-Trichloropropane	11.249	75	6532	1.584	ug/L #	62
63) 1,2,4-Trimethylbenzene	10.918	105	1373	0.056	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.249	75	158	0.210	ug/L #	1

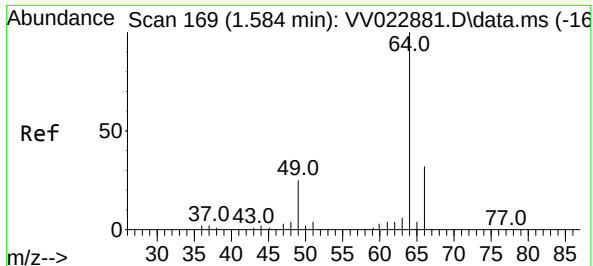
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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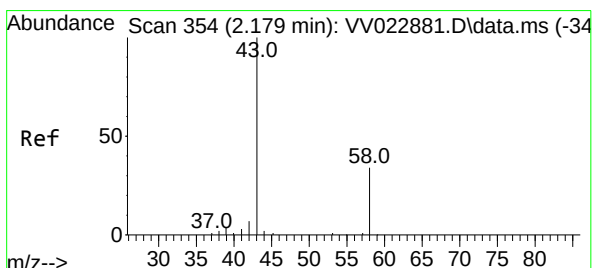
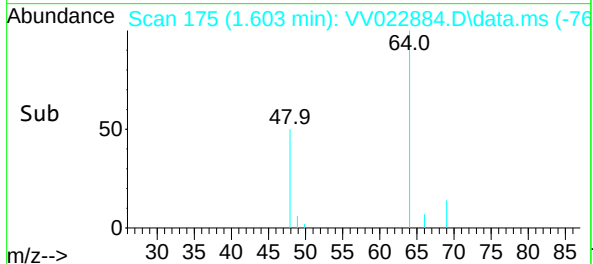
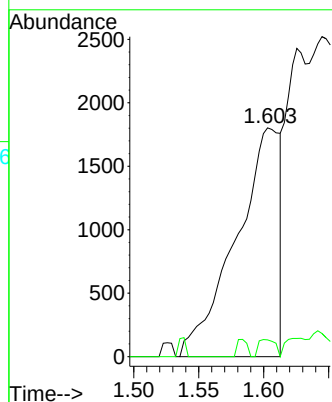
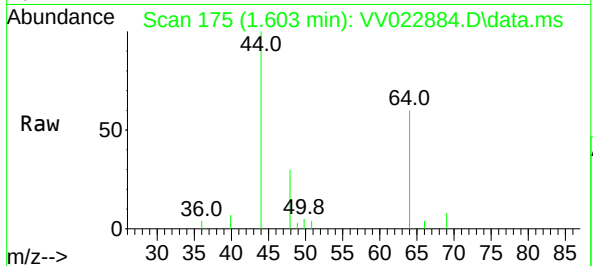




#8
Chloroethane
Concen: 0.739 ug/L
RT: 1.603 min Scan# 175
Delta R.T. 0.019 min
Lab File: VV022884.D
Acq: 18 Oct 2021 22:42

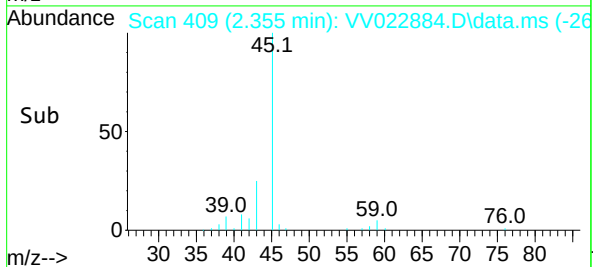
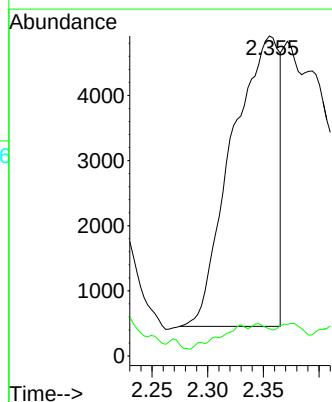
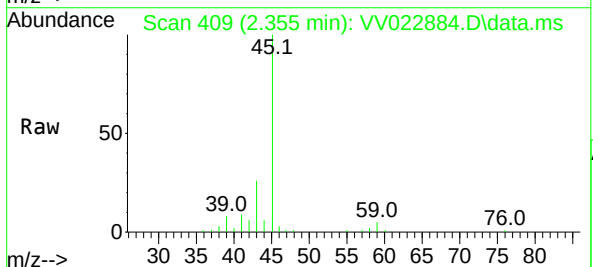
Instrument :
MSVOA_V
ClientSampled :

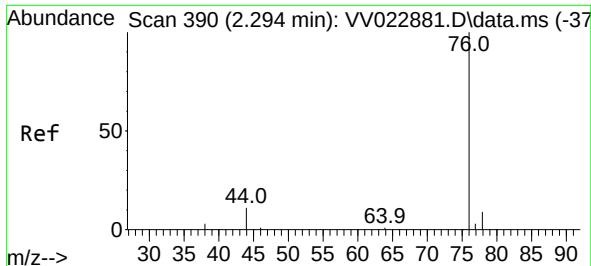
Tgt Ion: 64 Resp: 4244
Ion Ratio Lower Upper
64 100
66 7.3 22.9 42.5#



#13
Acetone
Concen: 10.642 ug/L
RT: 2.355 min Scan# 409
Delta R.T. 0.177 min
Lab File: VV022884.D
Acq: 18 Oct 2021 22:42

Tgt Ion: 43 Resp: 13136
Ion Ratio Lower Upper
43 100
58 4.9 0.0 24.2

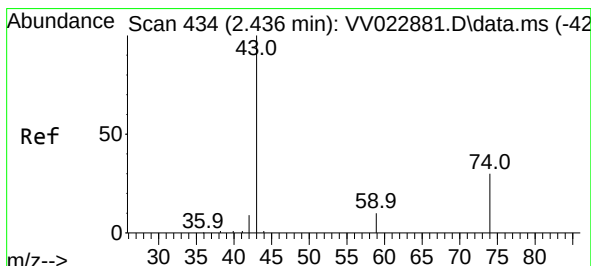
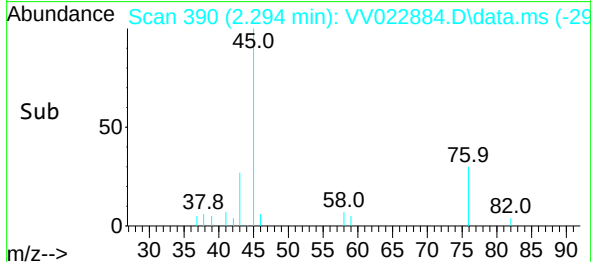
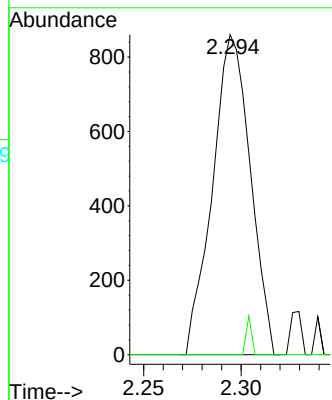
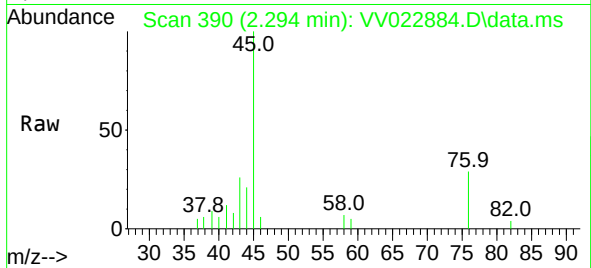




#14
Carbon disulfide
Concen: 0.056 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV022884.D
Acq: 18 Oct 2021 22:42

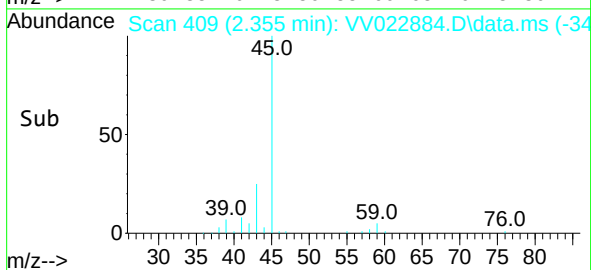
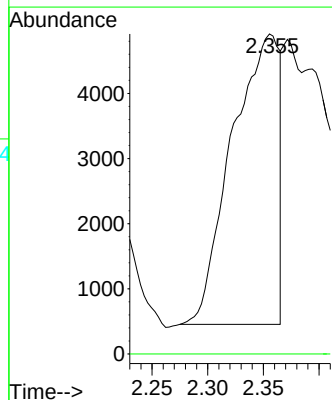
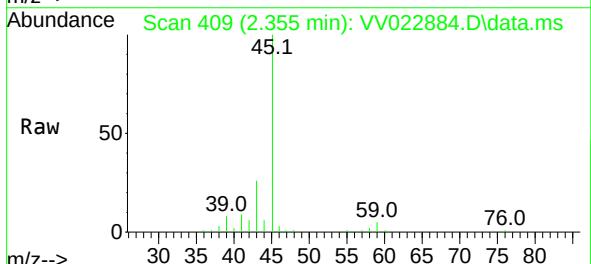
Instrument :
MSVOA_V
ClientSampleId :

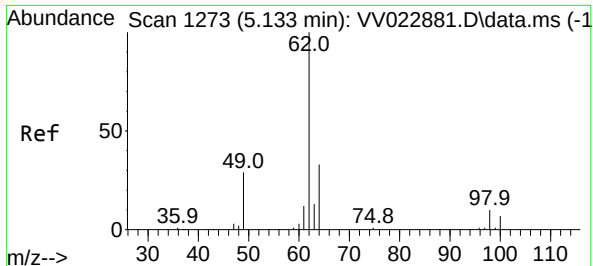
Tgt Ion: 76 Resp: 1160
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#15
Methyl Acetate
Concen: 3.719 ug/L
RT: 2.355 min Scan# 409
Delta R.T. -0.080 min
Lab File: VV022884.D
Acq: 18 Oct 2021 22:42

Tgt Ion: 43 Resp: 13136
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#





#27

1,2-Dichloroethane

Concen: 0.121 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.080 min

Lab File: VV022884.D

Acq: 18 Oct 2021 22:42

Tgt Ion: 62 Resp: 1019

Ion Ratio Lower Upper

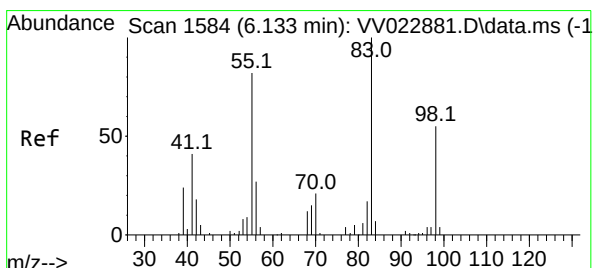
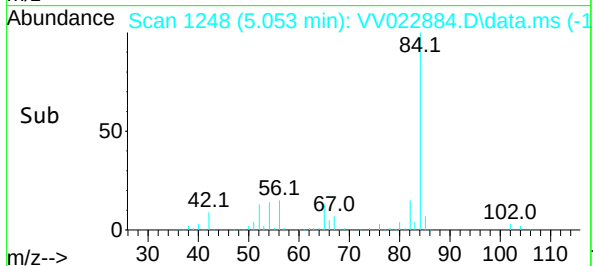
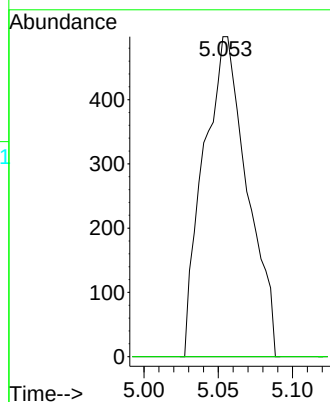
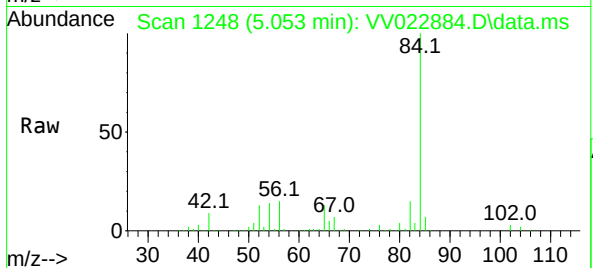
62 100

98 0.0 9.7 14.5#

Instrument :

MSVOA_V

ClientSampled :



#35

Methylcyclohexane

Concen: 1.076 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV022884.D

Acq: 18 Oct 2021 22:42

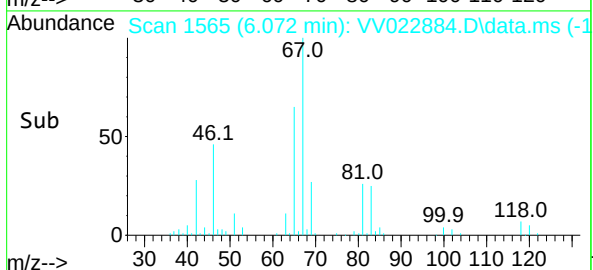
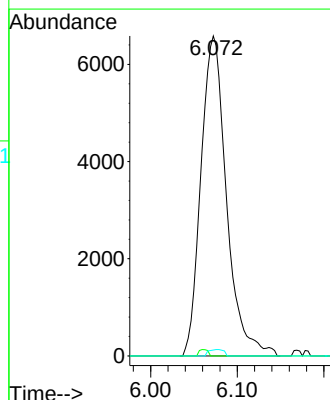
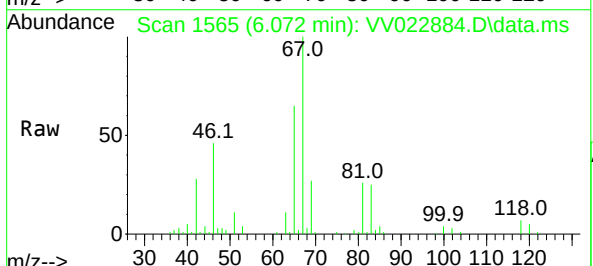
Tgt Ion: 83 Resp: 13525

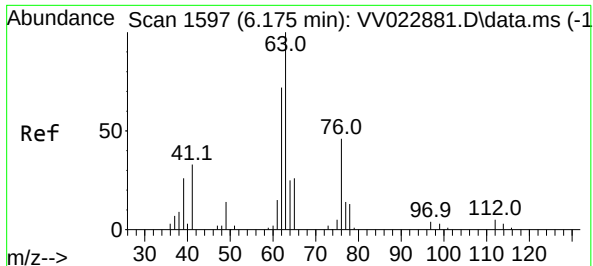
Ion Ratio Lower Upper

83 100

55 0.7 63.8 95.6#

98 1.2 42.1 63.1#

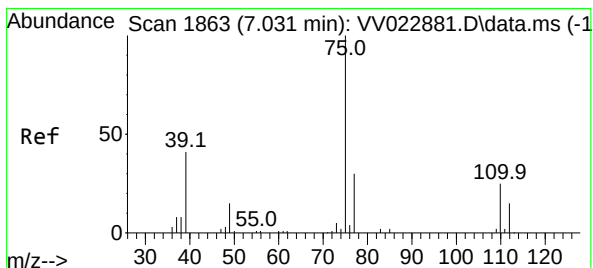
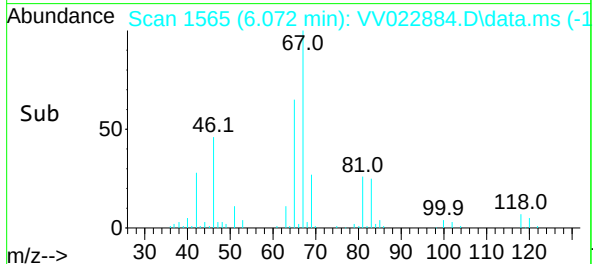
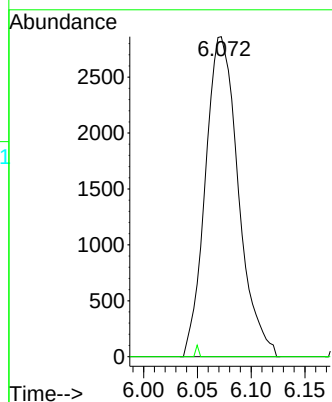
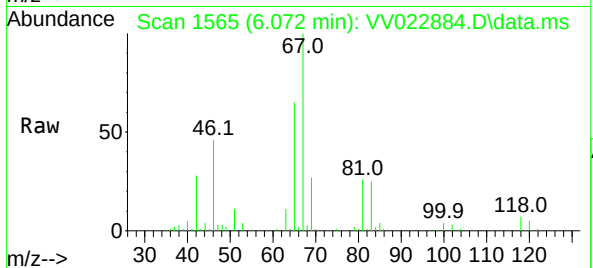




#37
1,2-Dichloropropane
Concen: 0.770 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022884.D
Acq: 18 Oct 2021 22:42

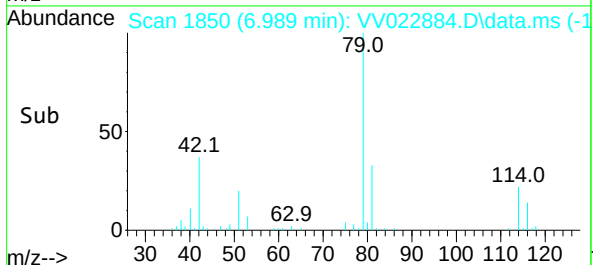
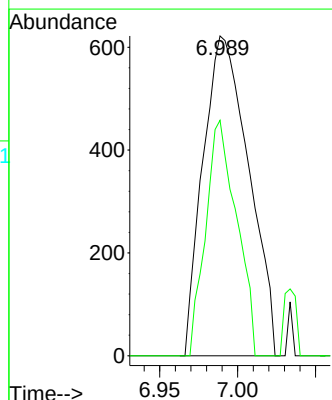
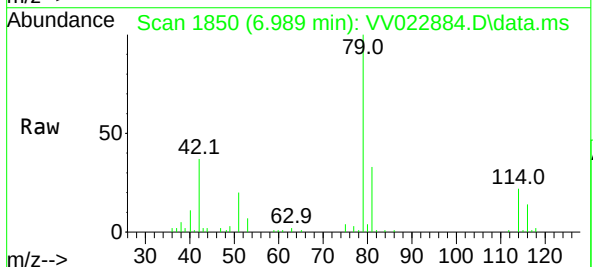
Instrument :
MSVOA_V
ClientSampleId :

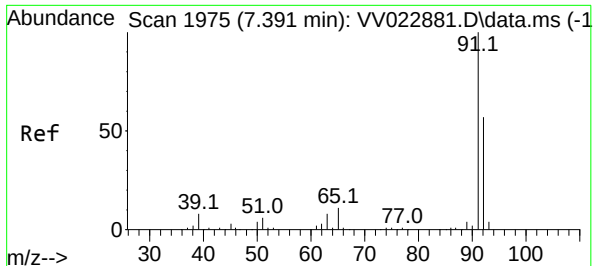
Tgt Ion: 63 Resp: 6109
Ion Ratio Lower Upper
63 100
112 0.3 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.121 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.042 min
Lab File: VV022884.D
Acq: 18 Oct 2021 22:42

Tgt Ion: 75 Resp: 1268
Ion Ratio Lower Upper
75 100
77 73.6 22.3 41.3#

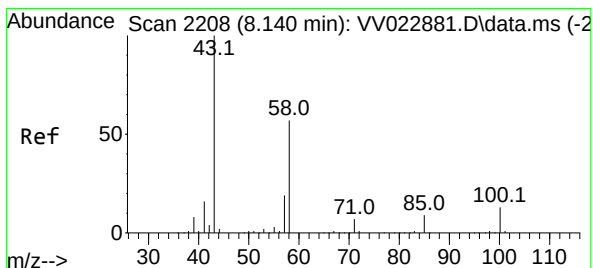
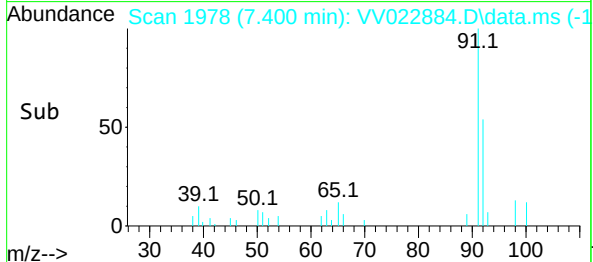
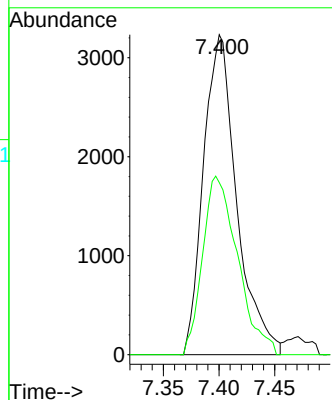
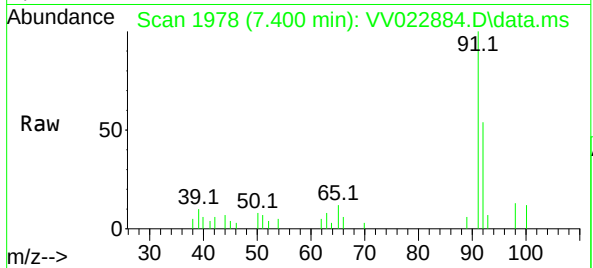




#42
Toluene
Concen: 0.200 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.010 min
Lab File: VV022884.D
Acq: 18 Oct 2021 22:42

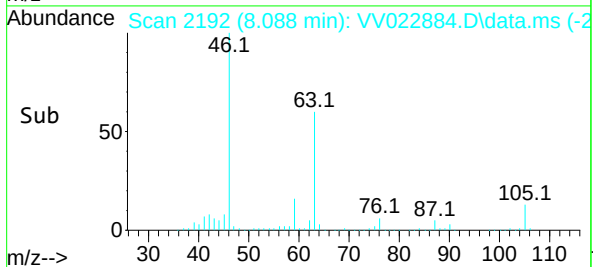
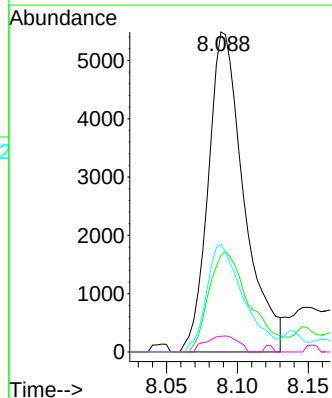
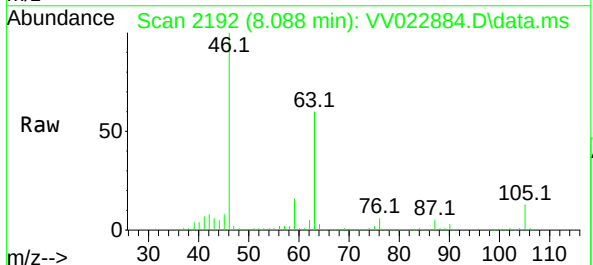
Instrument :
MSVOA_V
ClientSampled :

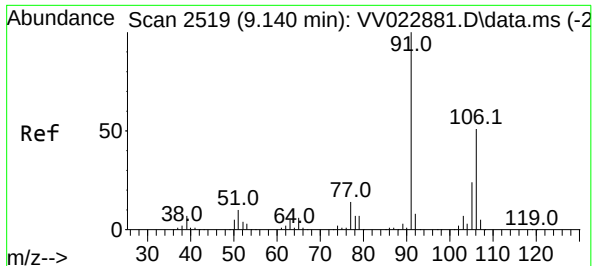
Tgt Ion: 91 Resp: 6702
Ion Ratio Lower Upper
91 100
92 53.8 40.7 75.7



#48
2-Hexanone
Concen: 3.096 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.051 min
Lab File: VV022884.D
Acq: 18 Oct 2021 22:42

Tgt Ion: 43 Resp: 9651
Ion Ratio Lower Upper
43 100
58 36.3 47.4 71.0#
57 34.7 15.3 22.9#
100 4.5 10.4 15.6#

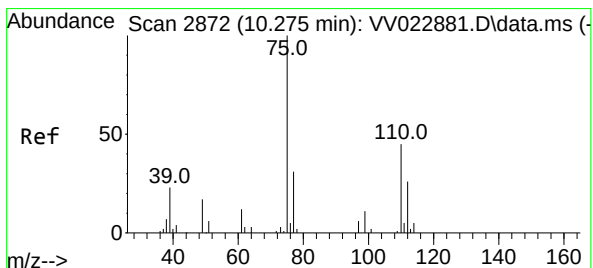
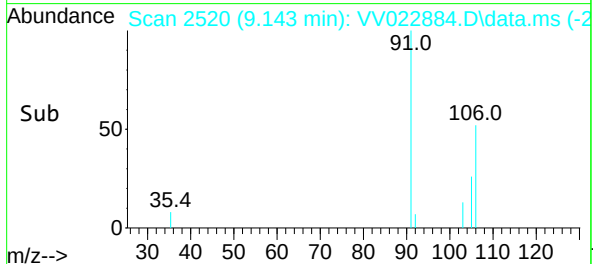
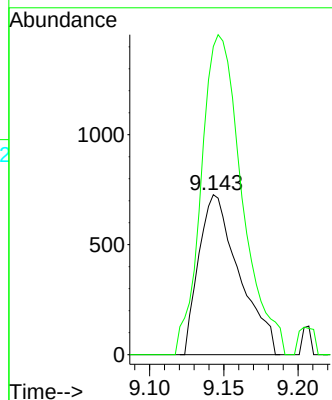
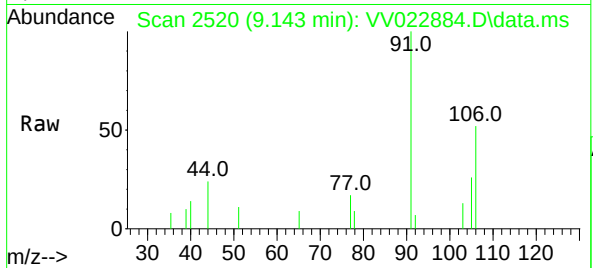




#53
m,p-xylene
Concen: 0.103 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV022884.D
Acq: 18 Oct 2021 22:42

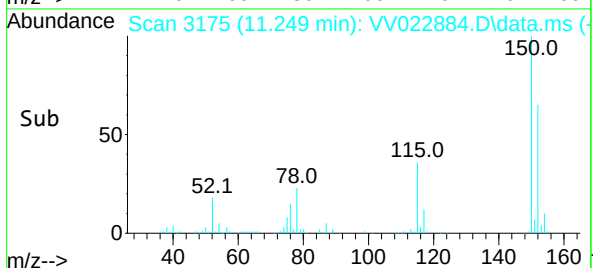
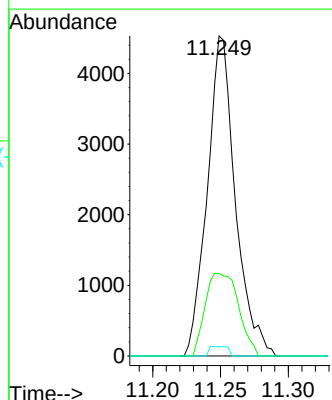
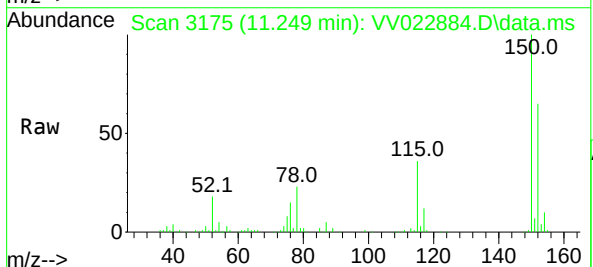
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MSVOA_V
ClientSampled :

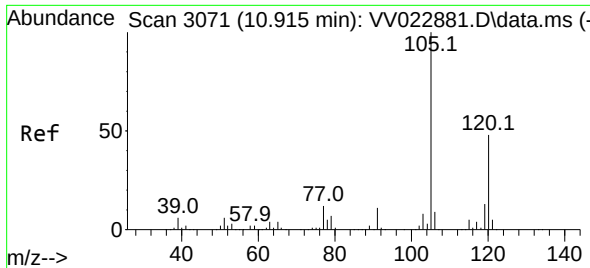
Tgt Ion:106 Resp: 1374
Ion Ratio Lower Upper
106 100
91 192.7 138.7 257.5



#61
1,2,3-Trichloropropane
Concen: 1.584 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022884.D
Acq: 18 Oct 2021 22:42

Tgt Ion: 75 Resp: 6532
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2
110 1.9 34.2 51.4#

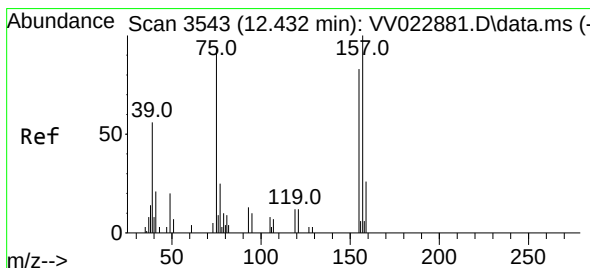
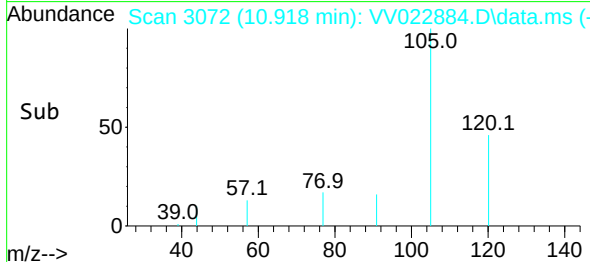
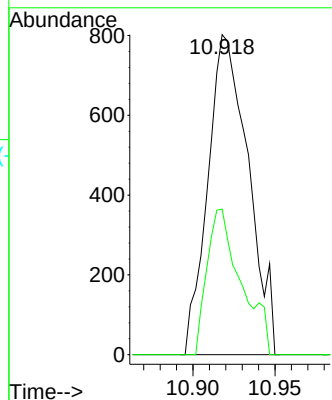
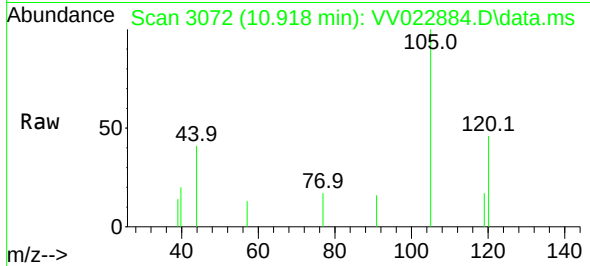




#63
1,2,4-Trimethylbenzene
Concen: 0.056 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022884.D
Acq: 18 Oct 2021 22:42

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:105 Resp: 1373
Ion Ratio Lower Upper
105 100
120 38.3 37.3 55.9



#68
1,2-Dibromo-3-chloropropane
Concen: 0.210 ug/L
RT: 12.249 min Scan# 3486
Delta R.T. -0.183 min
Lab File: VV022884.D
Acq: 18 Oct 2021 22:42

Tgt Ion: 75 Resp: 158
Ion Ratio Lower Upper
75 100
155 0.0 82.4 123.6#
157 0.0 114.1 171.1#

