

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024008.D
 Acq On : 16 Dec 2021 13:16
 Operator : SY/MD
 Sample : M5090-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 02:00:39 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)

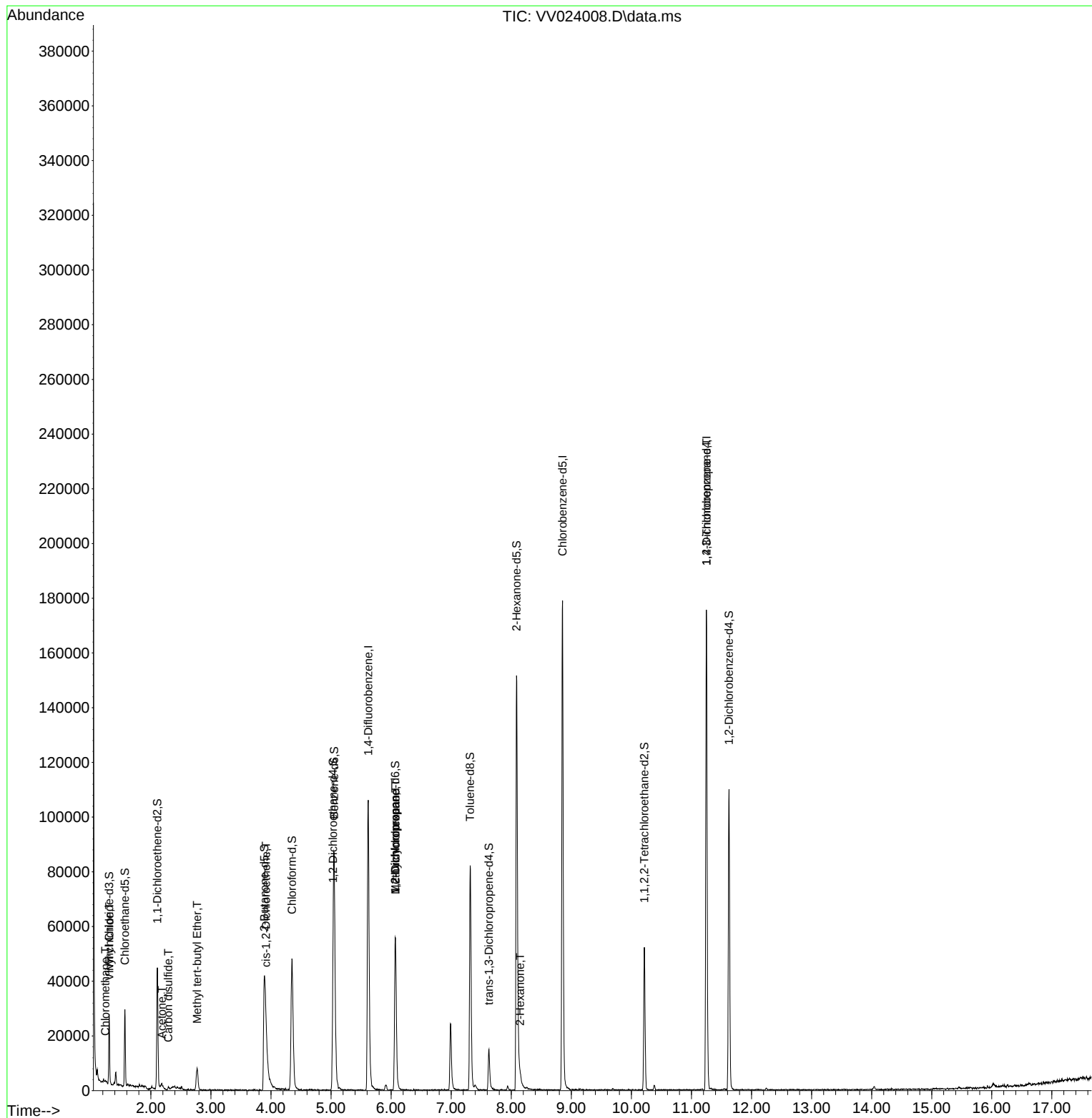
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	94556	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	101121	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49420	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	14742	2.900	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.000%
7) Chloroethane-d5	1.568	69	16334	3.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.108	63	22146	2.232	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.600%#
20) 2-Butanone-d5	3.889	46	67930	68.401	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.800%#
24) Chloroform-d	4.349	84	49968	4.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.034	65	25721	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.053	84	74618	3.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
36) 1,2-Dichloropropane-d6	6.069	67	25967	4.297	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.317	98	55974	3.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.000%#
43) trans-1,3-Dichloroprop...	7.628	79	9271	3.698	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.088	63	50562	45.056	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	22864	4.561	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	29261	4.433	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
3) Chloromethane	1.243	50	378	0.054	ug/L	95
5) Vinyl chloride	1.310	62	434	0.057	ug/L #	40
13) Acetone	2.182	43	3392	4.269	ug/L	94
14) Carbon disulfide	2.291	76	1086	0.059	ug/L #	77
17) Methyl tert-butyl Ether	2.770	73	7855	0.548	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	2200	0.296	ug/L	94
35) Methylcyclohexane	6.072	83	6979	0.588	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	3308	0.487	ug/L #	84
48) 2-Hexanone	8.146	43	2605	1.100	ug/L #	85
61) 1,2,3-Trichloropropane	11.249	75	5270	1.565	ug/L #	60

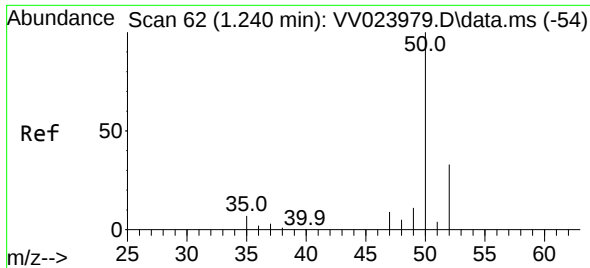
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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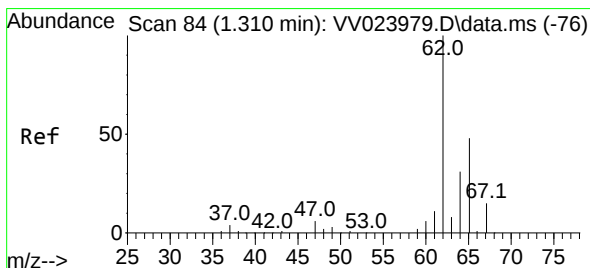
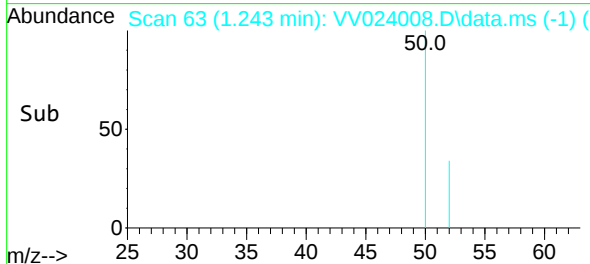
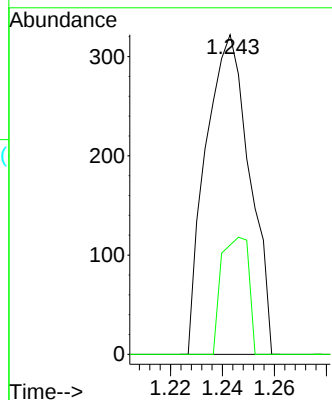
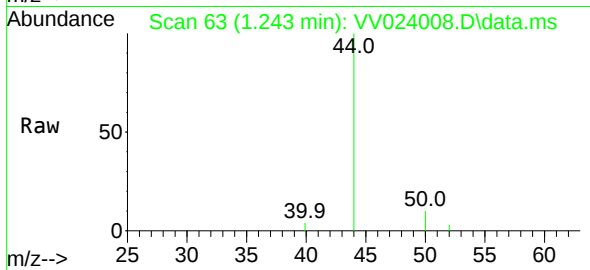




#3
Chloromethane
Concen: 0.054 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024008.D
Acq: 16 Dec 2021 13:16

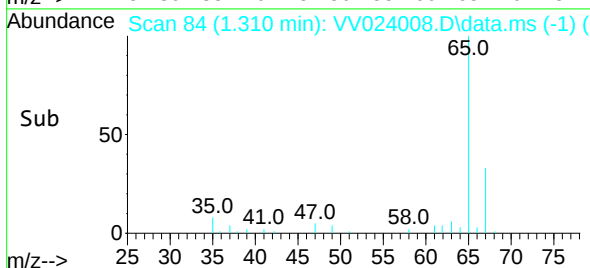
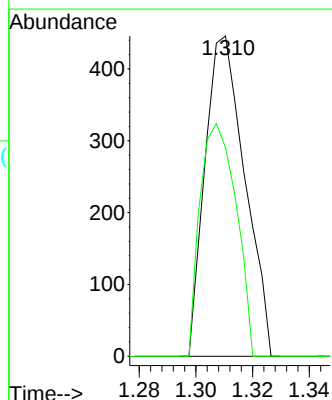
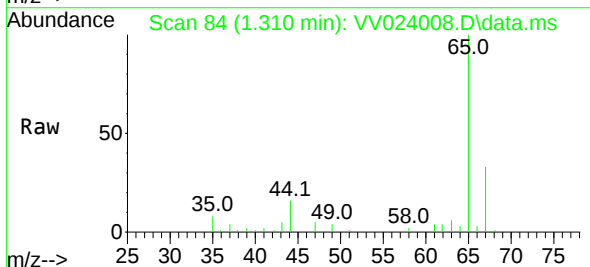
Instrument :
MSVOA_V
ClientSampleId :

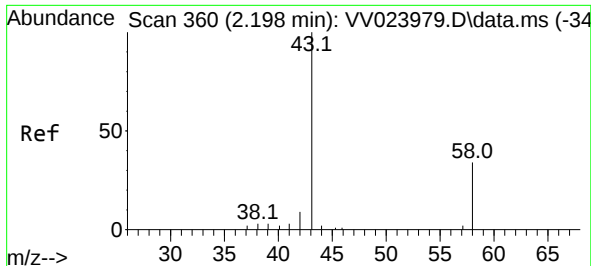
Tgt Ion: 50 Resp: 378
Ion Ratio Lower Upper
50 100
52 34.2 22.0 41.0



#5
Vinyl chloride
Concen: 0.057 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV024008.D
Acq: 16 Dec 2021 13:16

Tgt Ion: 62 Resp: 434
Ion Ratio Lower Upper
62 100
64 65.2 22.4 41.6#





#13

Acetone

Concen: 4.269 ug/L

RT: 2.182 min Scan# 3

Delta R.T. -0.016 min

Lab File: VV024008.D

Acq: 16 Dec 2021 13:16

Instrument :

MSVOA_V

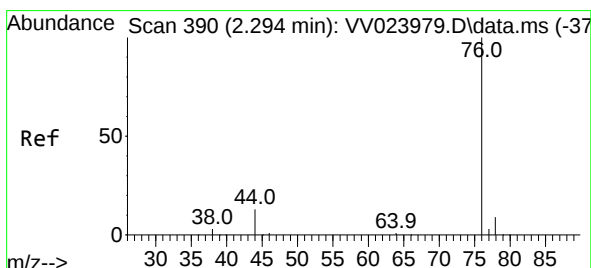
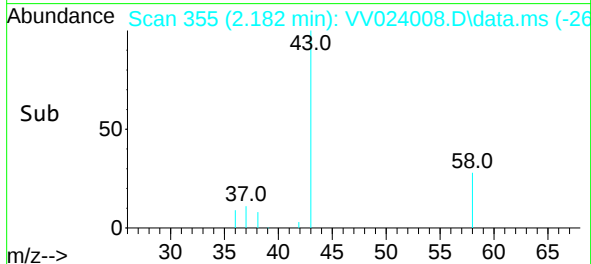
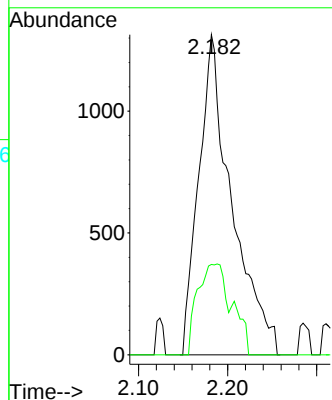
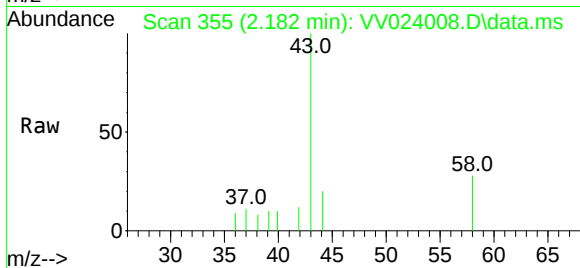
ClientSampleId :

Tgt Ion: 43 Resp: 3392

Ion Ratio Lower Upper

43 100

58 23.4 0.0 41.4



#14

Carbon disulfide

Concen: 0.059 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV024008.D

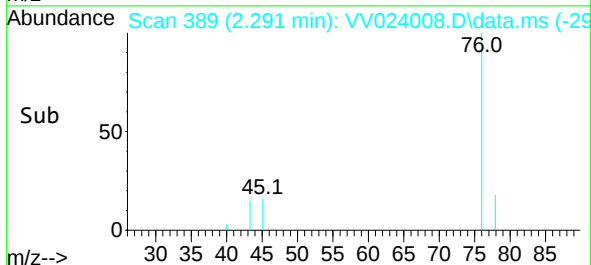
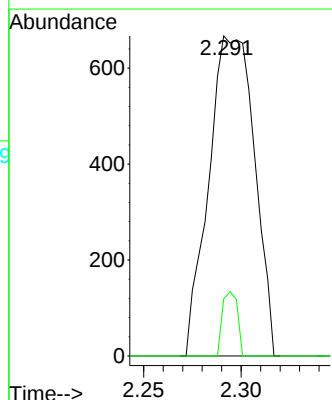
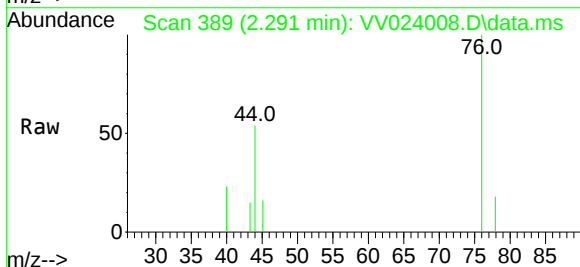
Acq: 16 Dec 2021 13:16

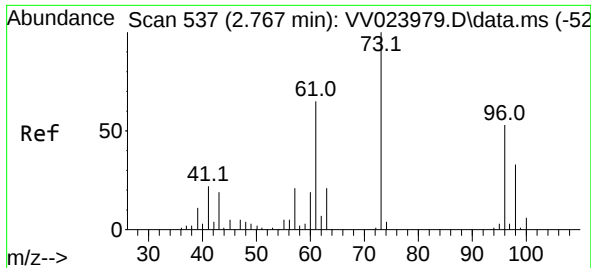
Tgt Ion: 76 Resp: 1086

Ion Ratio Lower Upper

76 100

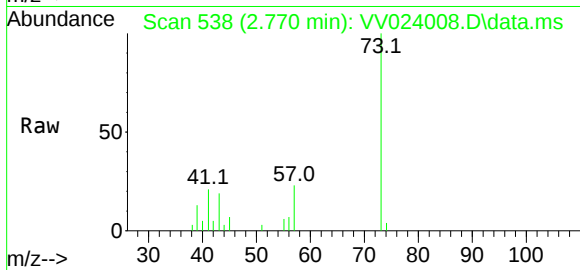
78 17.8 7.5 11.3#



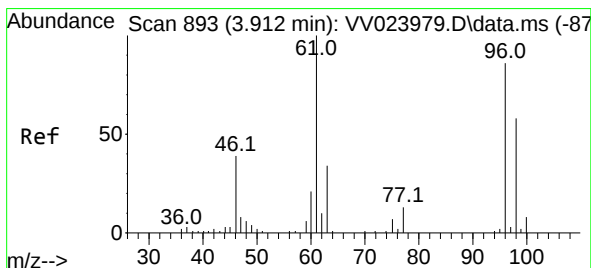
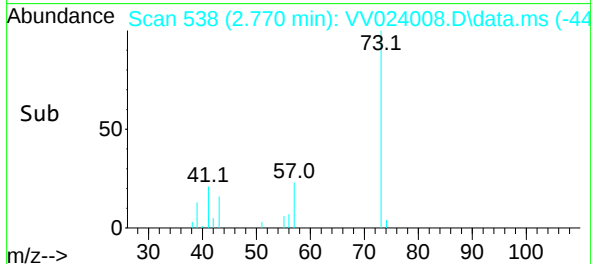
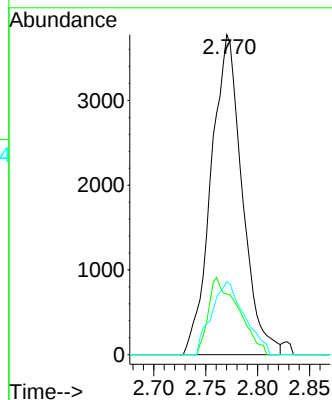


#17
Methyl tert-butyl Ether
Concen: 0.548 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024008.D
Acq: 16 Dec 2021 13:16

Instrument :
MSVOA_V
ClientSampleId :

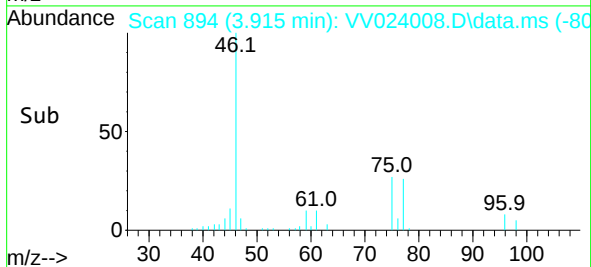
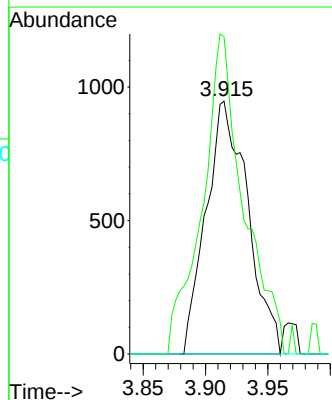
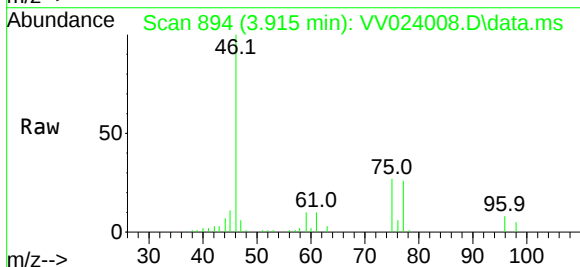


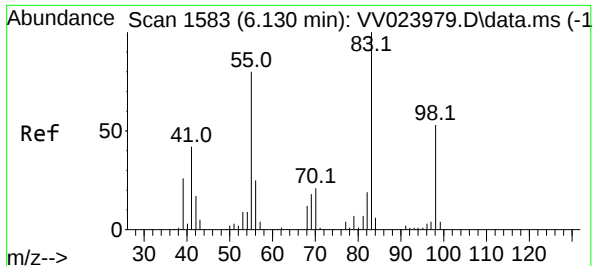
Tgt Ion: 73 Resp: 7855
Ion Ratio Lower Upper
73 100
43 23.3 15.5 23.3
57 24.2 17.1 25.7



#22
cis-1,2-Dichloroethene
Concen: 0.296 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV024008.D
Acq: 16 Dec 2021 13:16

Tgt Ion: 96 Resp: 2200
Ion Ratio Lower Upper
96 100
61 125.6 83.4 154.8
68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 0.588 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV024008.D

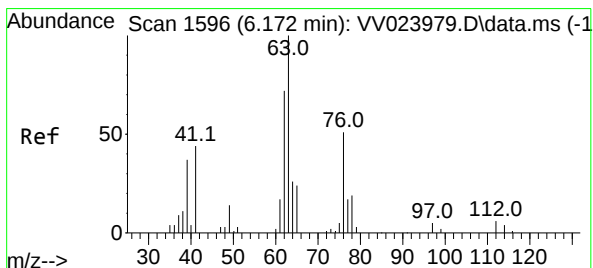
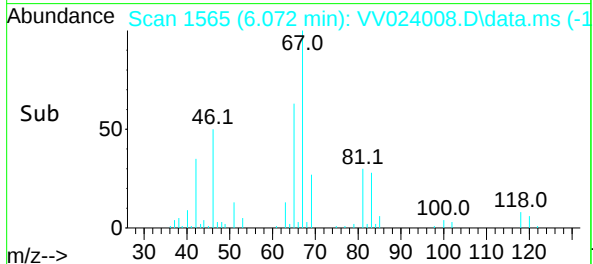
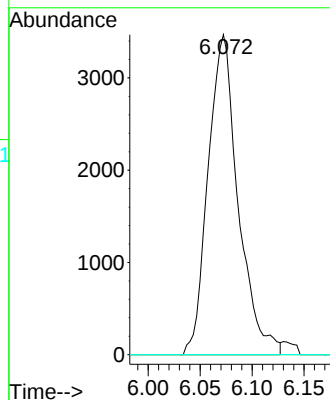
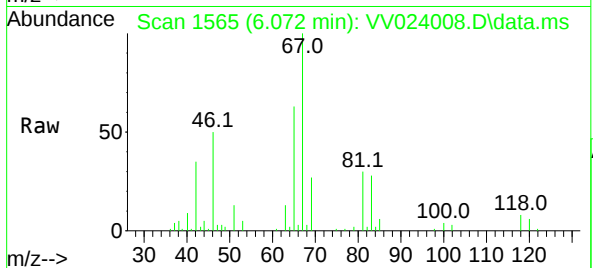
Acq: 16 Dec 2021 13:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 6979
Ion Ratio	Lower Upper
83	100
55	0.0 60.2 90.2#
98	3.0 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.487 ug/L

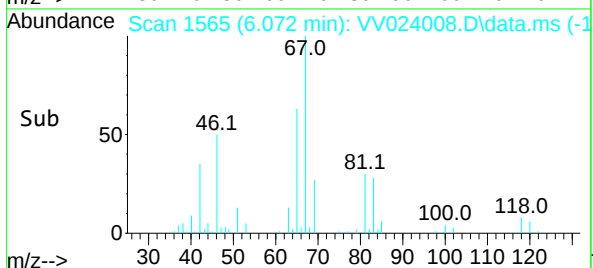
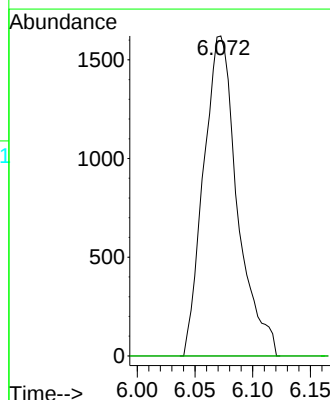
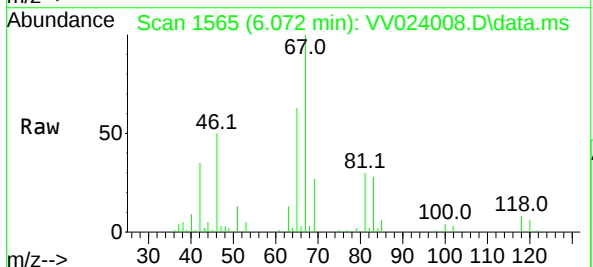
RT: 6.072 min Scan# 1565

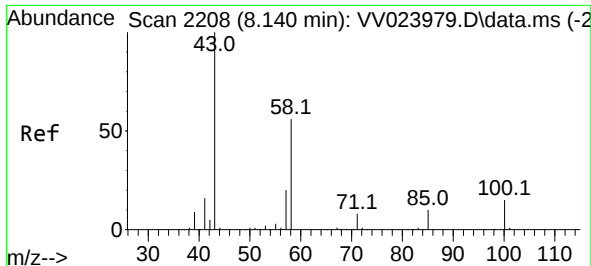
Delta R.T. -0.100 min

Lab File: VV024008.D

Acq: 16 Dec 2021 13:16

Tgt Ion: 63	Resp: 3308
Ion Ratio	Lower Upper
63	100
112	0.0 4.3 6.5#





#48

2-Hexanone

Concen: 1.100 ug/L

RT: 8.146 min Scan# 21

Delta R.T. 0.006 min

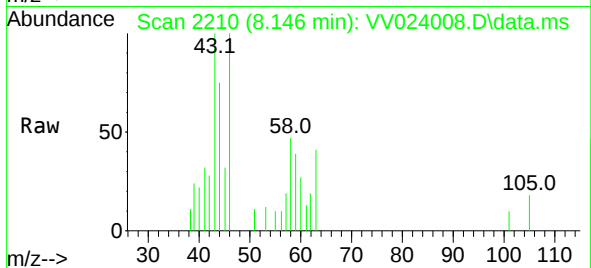
Lab File: VV024008.D

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Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 2605

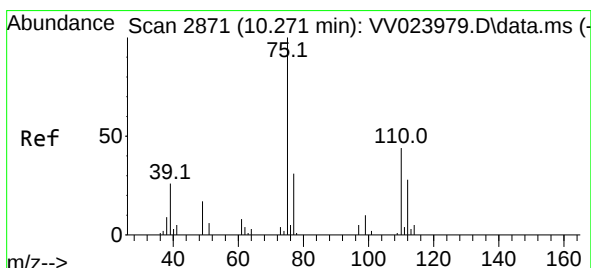
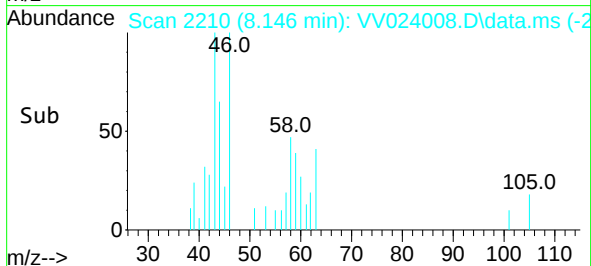
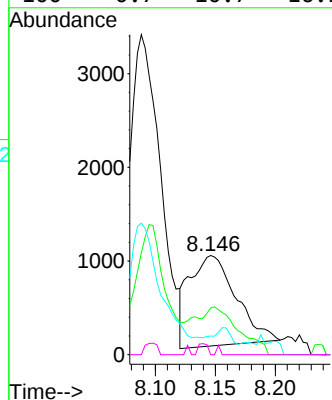
Ion Ratio Lower Upper

43 100

58 50.7 44.5 66.7

57 6.7 15.1 22.7#

100 0.7 10.7 16.1#



#61

1,2,3-Trichloropropane

Concen: 1.565 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV024008.D

Acq: 16 Dec 2021 13:16

Tgt Ion: 75 Resp: 5270

Ion Ratio Lower Upper

75 100

77 35.3 26.4 39.6

110 0.0 34.2 51.2#

