

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121721\
 Data File : VW024072.D
 Acq On : 17 Dec 2021 18:16
 Operator : SY/MD
 Sample : M5133-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 18 01:48:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 18 01:42:59 2021
 Response via : Initial Calibration

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

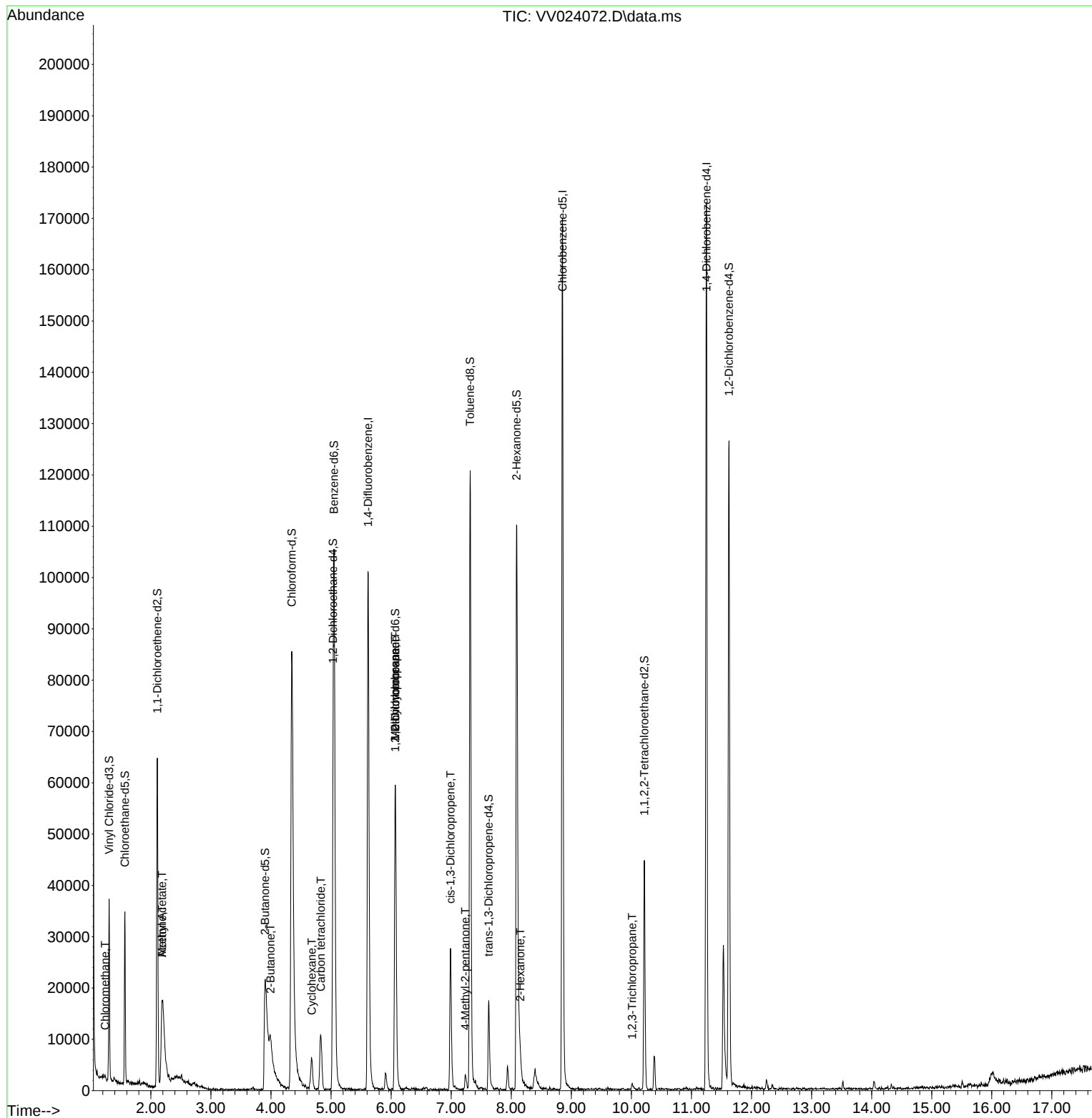
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	89186	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	96013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47220	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	20787	4.336	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.568	69	19200	4.800	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.108	63	32760	3.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.902	46	53367	56.973	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.940%
24) Chloroform-d	4.346	84	50014	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.034	65	26436	5.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.050	84	94356	4.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.069	67	27470	4.788	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.317	98	80591	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.625	79	10349	4.348	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.088	63	38299	35.944	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18893	3.970	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	33833	5.364	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						Qvalue
3) Chloromethane	1.237	50	351	0.053	ug/L #	80
13) Acetone	2.188	43	15162	20.232	ug/L #	1
15) Methyl Acetate	2.188	43	14653	8.067	ug/L #	50
21) 2-Butanone	3.992	43	14978	13.988	ug/L	95
30) Cyclohexane	4.680	56	2991	0.300	ug/L #	89
31) Carbon tetrachloride	4.831	117	8548	0.724	ug/L	99
35) Methylcyclohexane	6.069	83	7385	0.655	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	3273	0.507	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1001	0.104	ug/L	90
40) 4-Methyl-2-pentanone	7.236	43	2290	0.738	ug/L #	80
48) 2-Hexanone	8.149	43	4114	1.830	ug/L #	83
61) 1,2,3-Trichloropropane	10.011	75	667	0.207	ug/L #	37

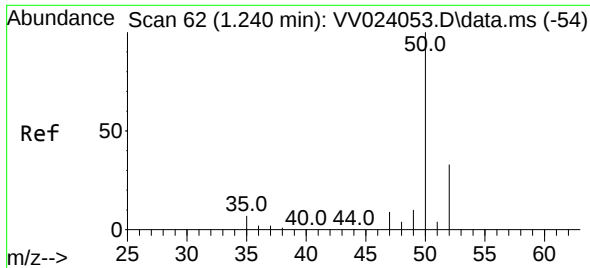
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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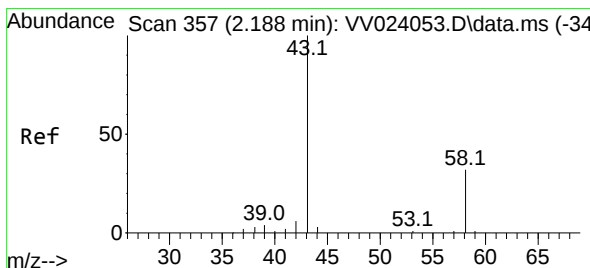
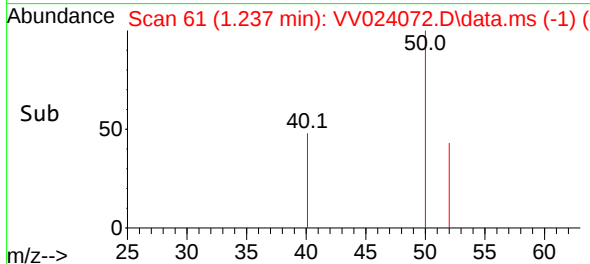
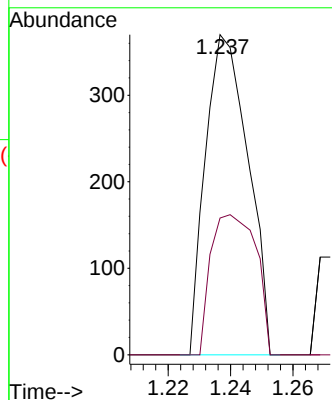
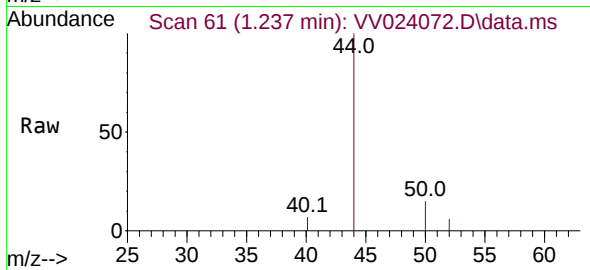




#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV024072.D
Acq: 17 Dec 2021 18:16

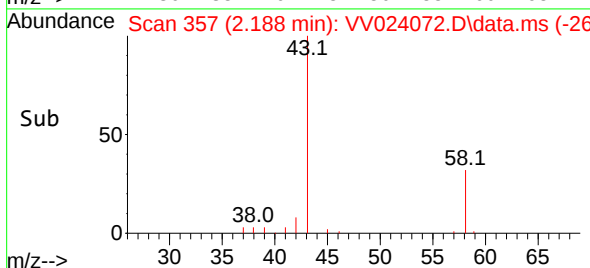
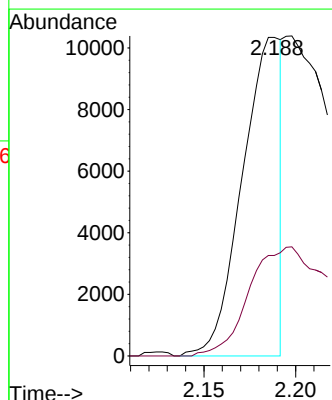
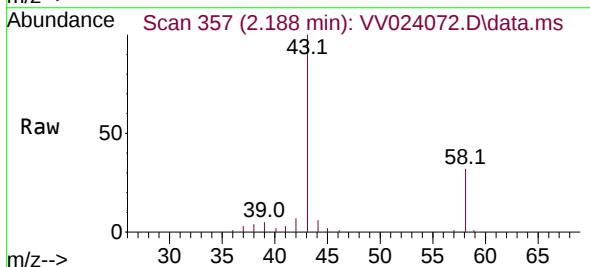
Instrument :
MSVOA_V
ClientSampleId :

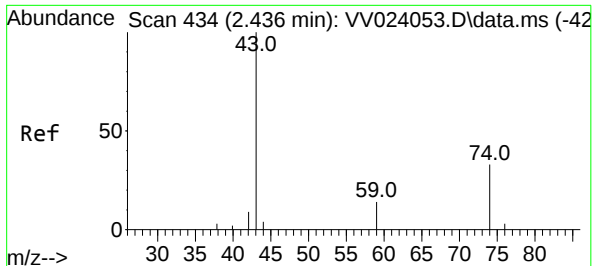
Tgt Ion: 50 Resp: 351
Ion Ratio Lower Upper
50 100
52 42.7 22.0 41.0#



#13
Acetone
Concen: 20.232 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.000 min
Lab File: VV024072.D
Acq: 17 Dec 2021 18:16

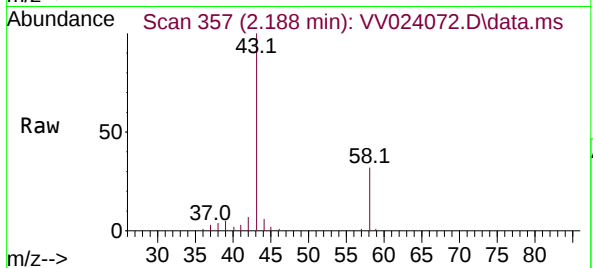
Tgt Ion: 43 Resp: 15162
Ion Ratio Lower Upper
43 100
58 94.7 0.0 41.4#



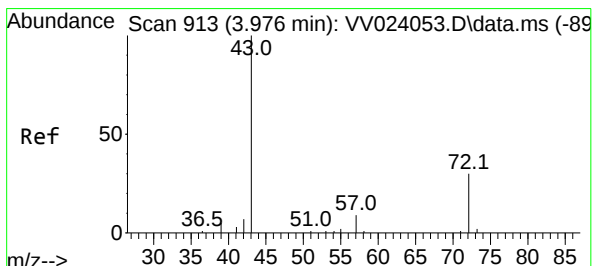
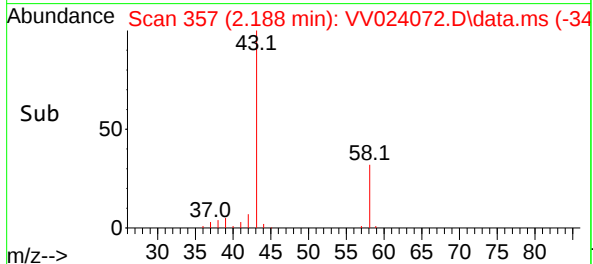
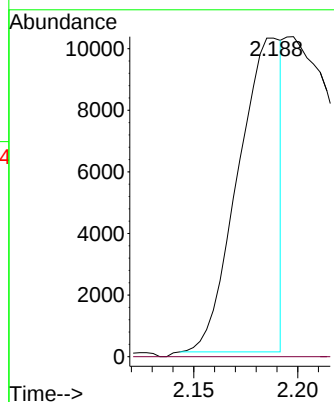


#15
Methyl Acetate
Concen: 8.067 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.247 min
Lab File: VV024072.D
Acq: 17 Dec 2021 18:16

Instrument :
MSVOA_V
ClientSampleId :

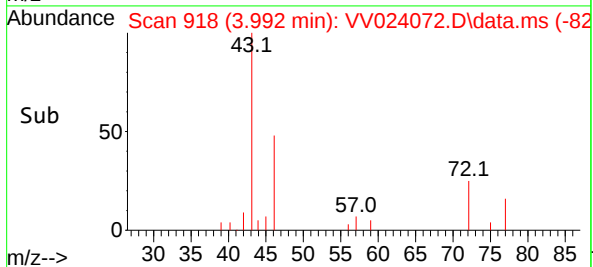
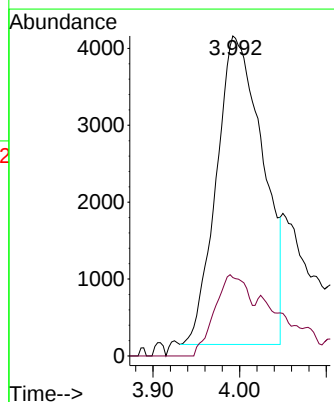
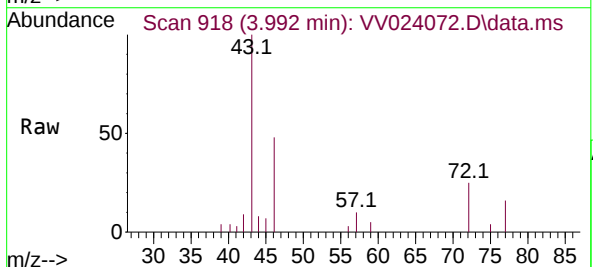


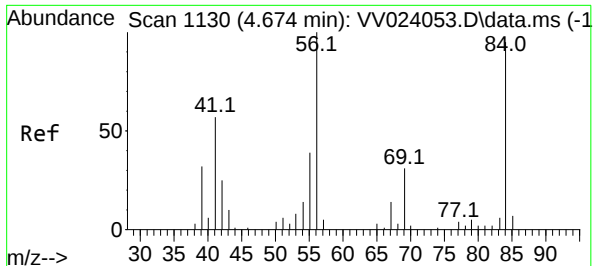
Tgt Ion: 43 Resp: 14653
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#21
2-Butanone
Concen: 13.988 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.016 min
Lab File: VV024072.D
Acq: 17 Dec 2021 18:16

Tgt Ion: 43 Resp: 14978
Ion Ratio Lower Upper
43 100
72 19.6 11.1 33.1

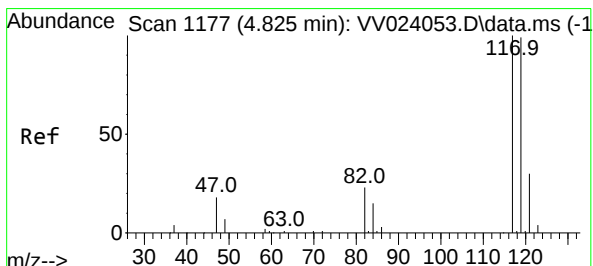
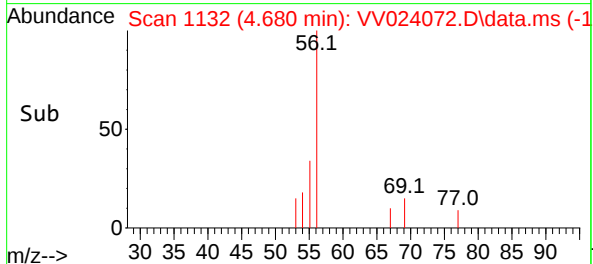
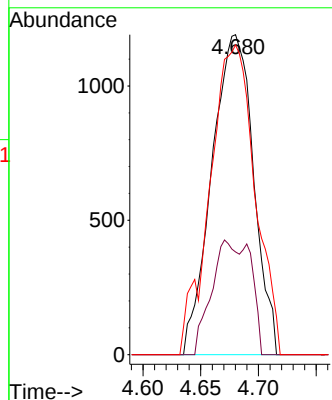
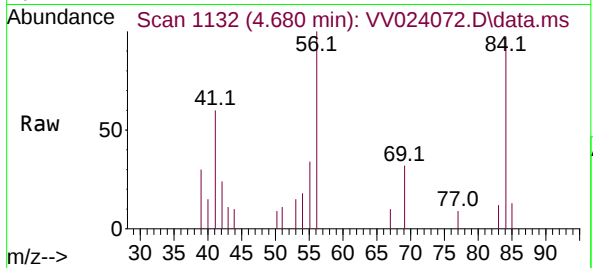




#30
Cyclohexane
Concen: 0.300 ug/L
RT: 4.680 min Scan# 1130
Delta R.T. 0.007 min
Lab File: VV024072.D
Acq: 17 Dec 2021 18:16

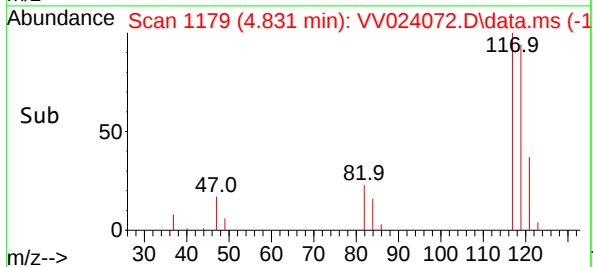
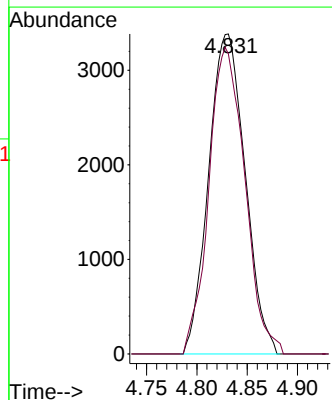
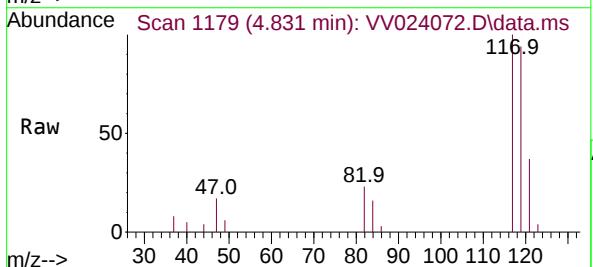
Instrument :
MSVOA_V
ClientSampleId :

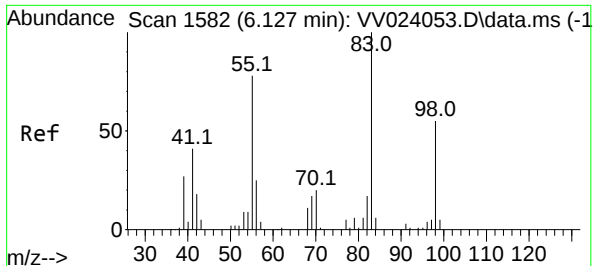
Tgt Ion: 56 Resp: 2991
Ion Ratio Lower Upper
56 100
69 23.1 24.8 37.2#
84 104.2 75.9 113.9



#31
Carbon tetrachloride
Concen: 0.724 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.007 min
Lab File: VV024072.D
Acq: 17 Dec 2021 18:16

Tgt Ion: 117 Resp: 8548
Ion Ratio Lower Upper
117 100
119 94.3 76.6 114.8





#35

Methylcyclohexane

Concen: 0.655 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024072.D

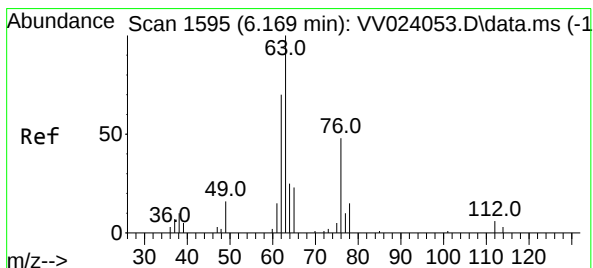
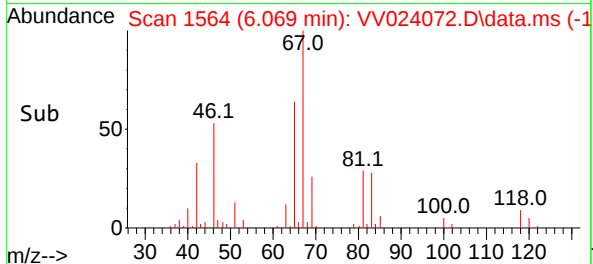
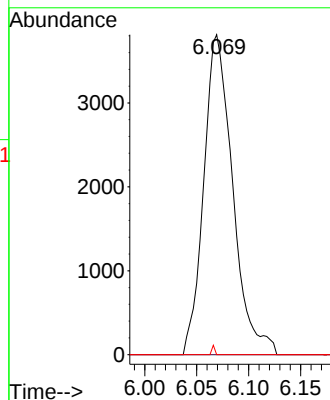
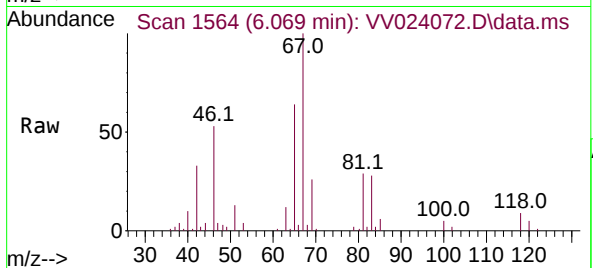
Acq: 17 Dec 2021 18:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp:	7385
Ion Ratio	Lower	Upper
83	100	
55	0.0	60.2
98	0.3	41.0



#37

1,2-Dichloropropane

Concen: 0.507 ug/L

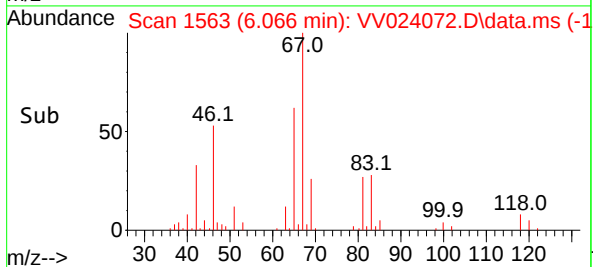
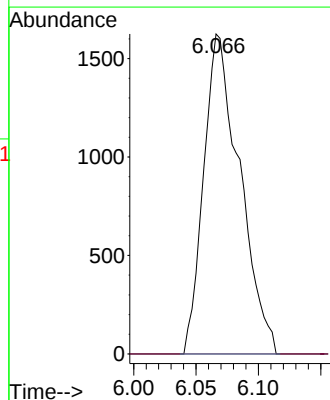
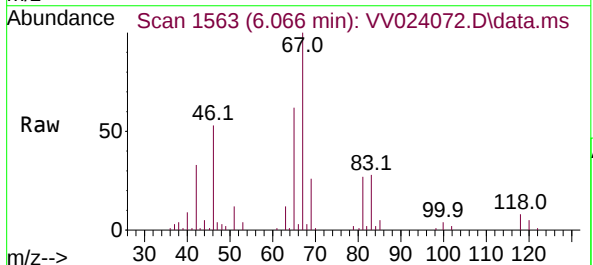
RT: 6.066 min Scan# 1563

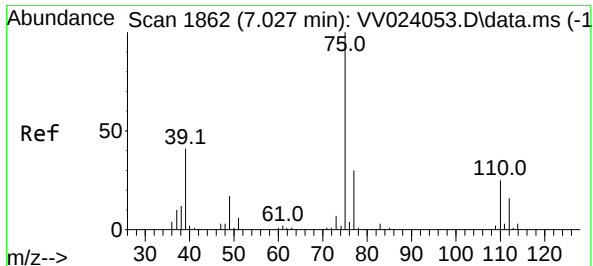
Delta R.T. -0.103 min

Lab File: VV024072.D

Acq: 17 Dec 2021 18:16

Tgt Ion: 63	Resp:	3273
Ion Ratio	Lower	Upper
63	100	
112	0.0	4.3





#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 6.989 min Scan# 1862

Delta R.T. -0.038 min

Lab File: VV024072.D

Acq: 17 Dec 2021 18:16

Instrument :

MSVOA_V

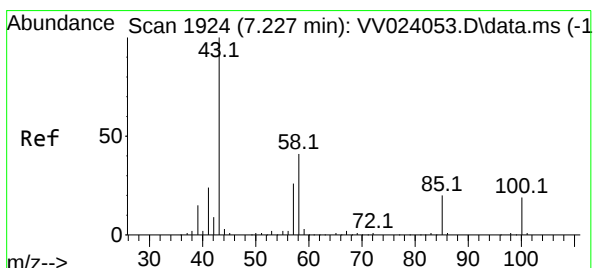
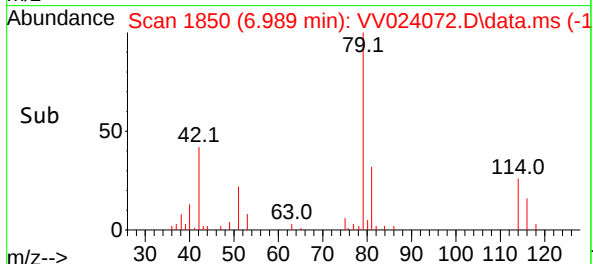
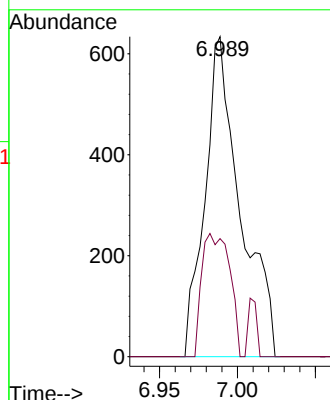
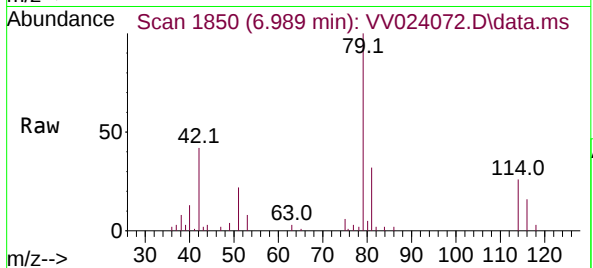
ClientSampleId :

Tgt Ion: 75 Resp: 1001

Ion Ratio Lower Upper

75 100

77 36.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 0.738 ug/L

RT: 7.236 min Scan# 1927

Delta R.T. 0.010 min

Lab File: VV024072.D

Acq: 17 Dec 2021 18:16

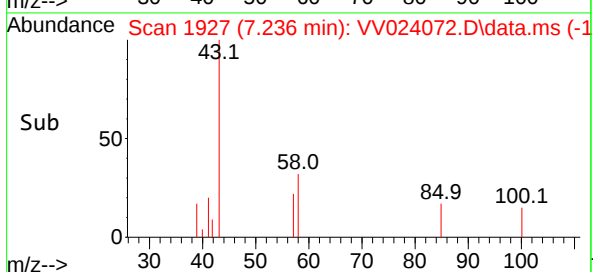
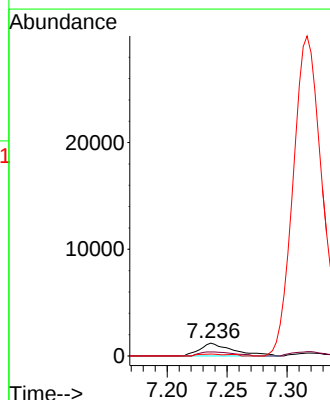
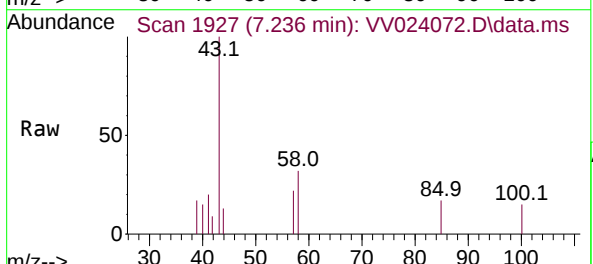
Tgt Ion: 43 Resp: 2290

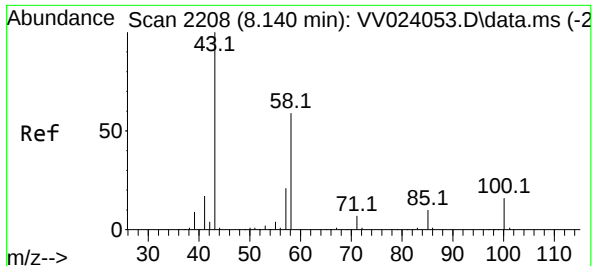
Ion Ratio Lower Upper

43 100

58 32.4 32.3 48.5

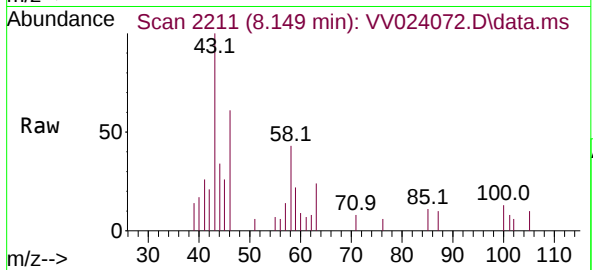
100 0.0 13.0 19.6



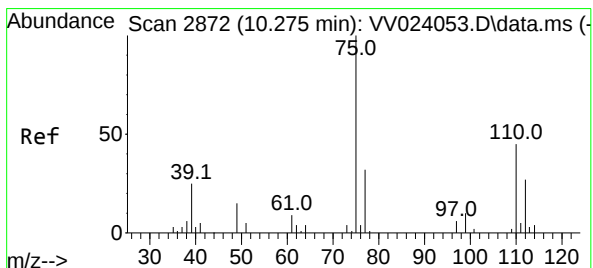
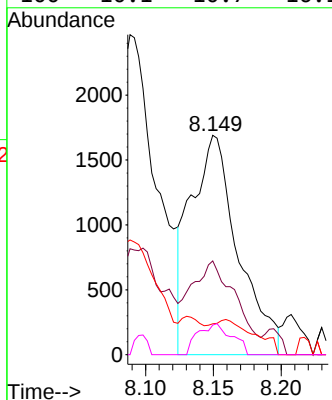
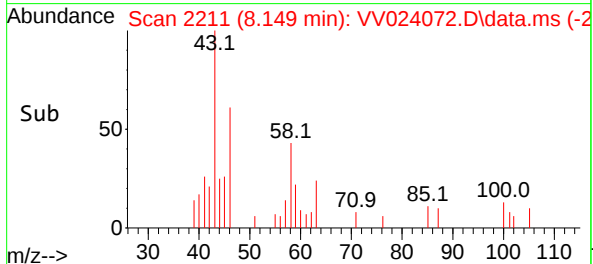


#48
2-Hexanone
Concen: 1.830 ug/L
RT: 8.149 min Scan# 2114
Delta R.T. 0.010 min
Lab File: VV024072.D
Acq: 17 Dec 2021 18:16

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	43	Resp:	4114
Ion	Ratio	Lower	Upper
43	100		
58	41.4	44.5	66.7#
57	12.5	15.1	22.7#
100	10.1	10.7	16.1#



#61
1,2,3-Trichloropropane
Concen: 0.207 ug/L
RT: 10.011 min Scan# 2790
Delta R.T. -0.263 min
Lab File: VV024072.D
Acq: 17 Dec 2021 18:16

Tgt Ion:	75	Resp:	667
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.4	39.6#
110	0.0	34.2	51.2#

