

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024044.D
 Acq On : 17 Dec 2021 04:29
 Operator : SY/MD
 Sample : M5133-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 05:34:54 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)

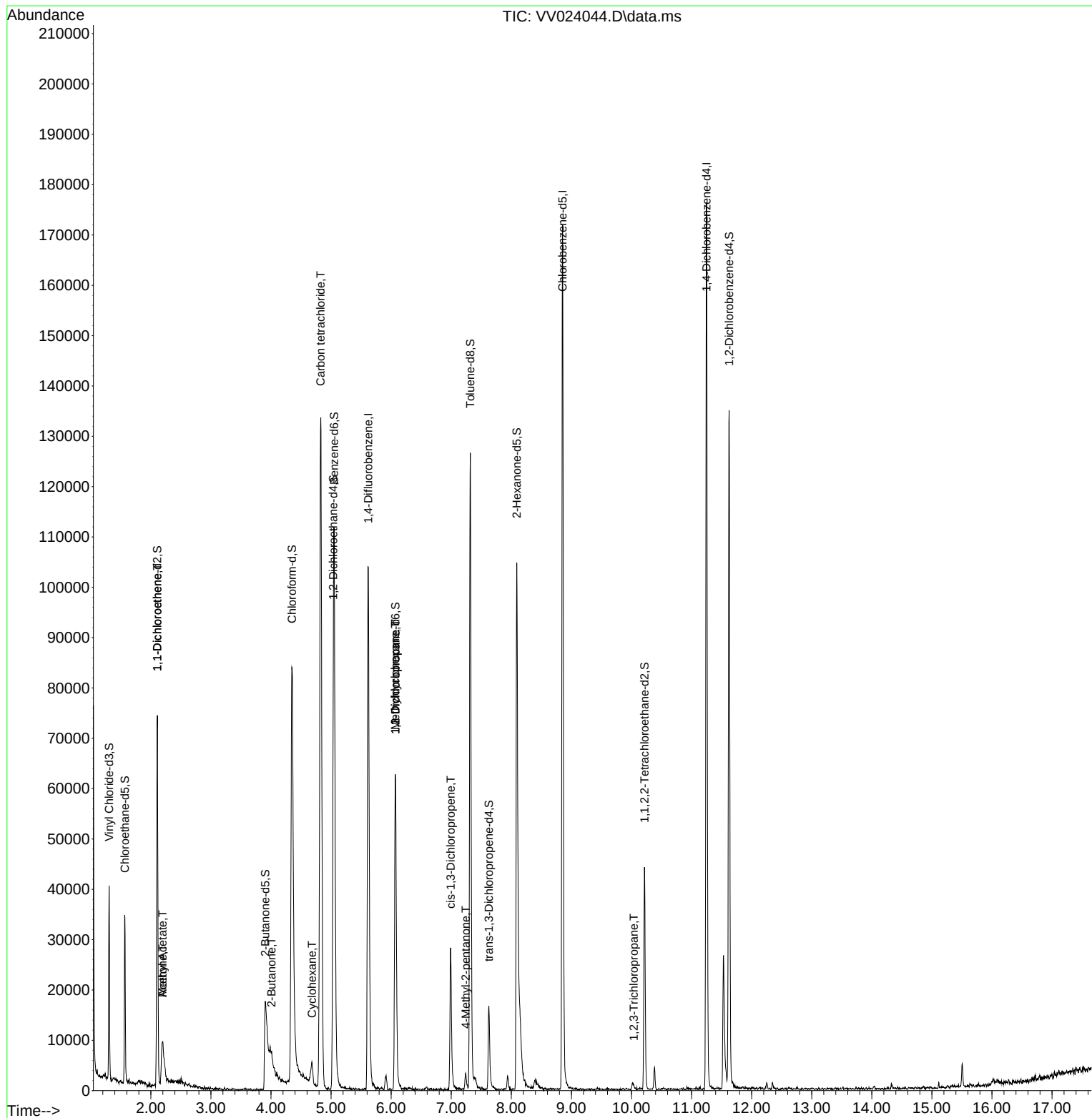
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	95067	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99338	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48227	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	22395	4.382	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.568	69	20093	4.712	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.108	63	35727	3.581	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.905	46	41099	41.162	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.320%
24) Chloroform-d	4.349	84	54230	4.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.037	65	27396	5.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.050	84	98871	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.072	67	29037	4.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.317	98	85294	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.625	79	10098	4.101	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.092	63	39189	35.548	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20033	4.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	36048	5.596	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.108	96	386	0.061	ug/L #	1
13) Acetone	2.195	43	20010	25.049	ug/L	87
15) Methyl Acetate	2.195	43	18359	9.482	ug/L #	50
21) 2-Butanone	4.008	43	9815	8.599	ug/L #	72
30) Cyclohexane	4.680	56	1949	0.189	ug/L	93
31) Carbon tetrachloride	4.825	117	95970	7.856	ug/L	97
35) Methylcyclohexane	6.069	83	7168	0.614	ug/L #	23
37) 1,2-Dichloropropane	6.072	63	3419	0.512	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	910	0.092	ug/L #	76
40) 4-Methyl-2-pentanone	7.240	43	2387	0.744	ug/L #	86
61) 1,2,3-Trichloropropane	10.040	75	273	0.083	ug/L #	37

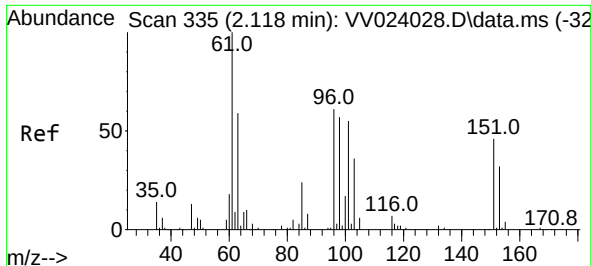
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 17 05:34:54 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





#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.009 min

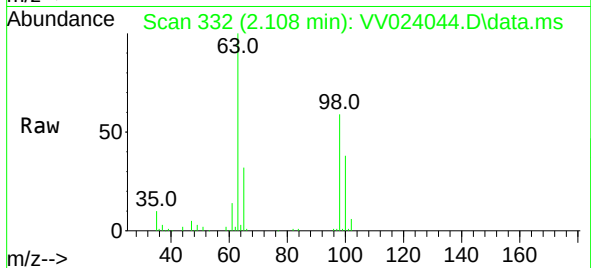
Lab File: VV024044.D

Acq: 17 Dec 2021 04:29

Instrument :

MSVOA_V

ClientSampleId :



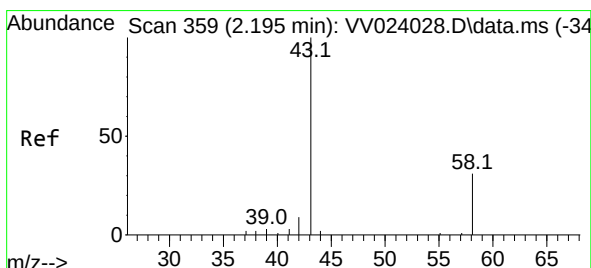
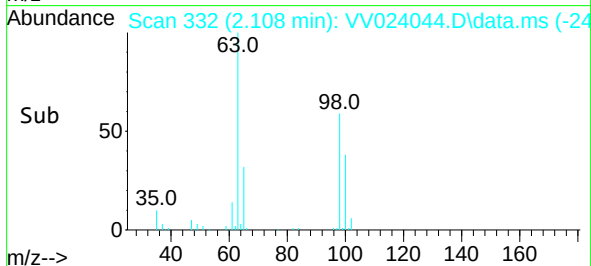
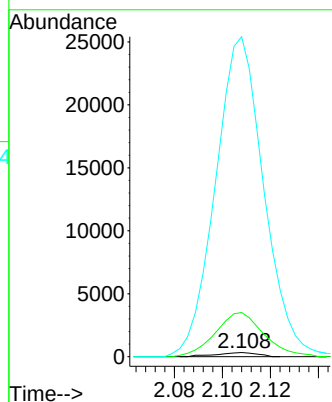
Tgt Ion: 96 Resp: 386

Ion Ratio Lower Upper

96 100

61 1078.5 116.1 215.5#

63 7820.3 79.4 147.4#



#13

Acetone

Concen: 25.049 ug/L

RT: 2.195 min Scan# 359

Delta R.T. -0.003 min

Lab File: VV024044.D

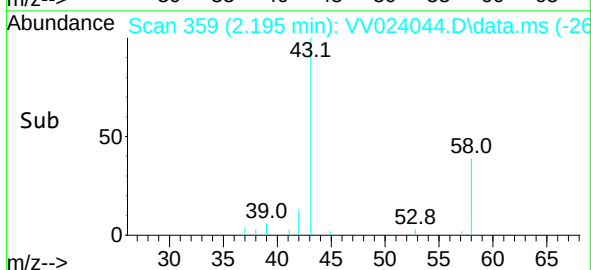
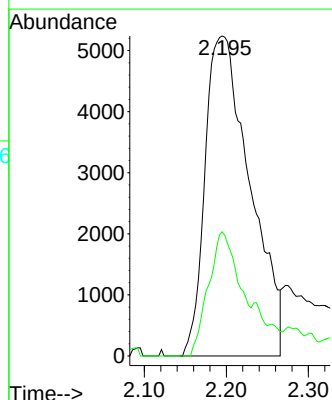
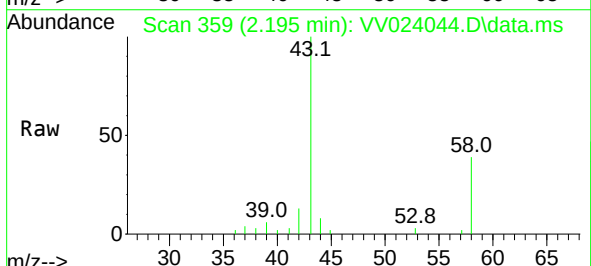
Acq: 17 Dec 2021 04:29

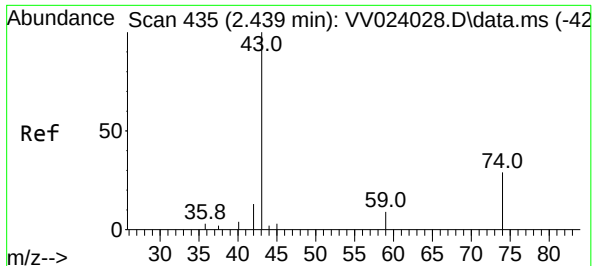
Tgt Ion: 43 Resp: 20010

Ion Ratio Lower Upper

43 100

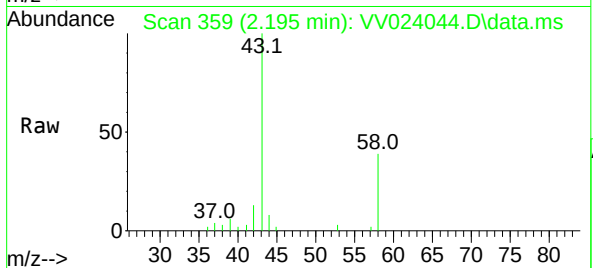
58 26.7 0.0 41.4



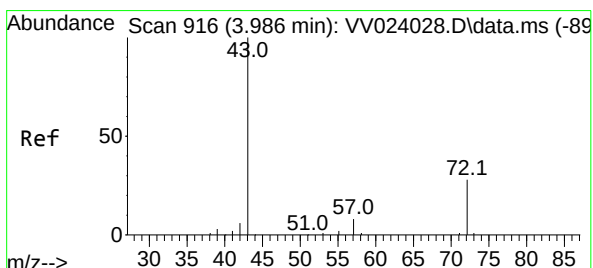
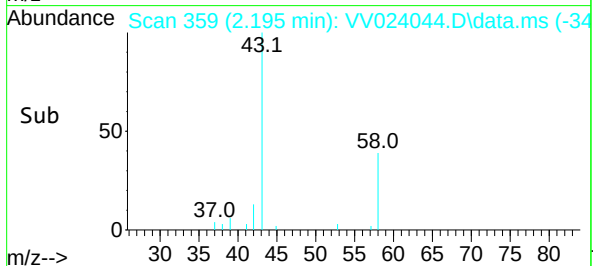
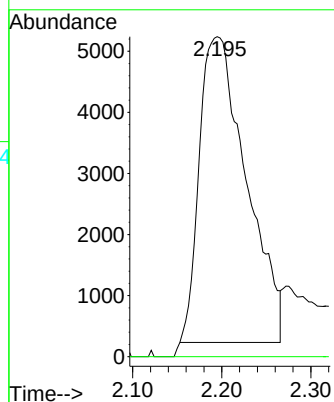


#15
Methyl Acetate
Concen: 9.482 ug/L
RT: 2.195 min Scan# 31
Delta R.T. -0.251 min
Lab File: VV024044.D
Acq: 17 Dec 2021 04:29

Instrument :
MSVOA_V
ClientSampleId :

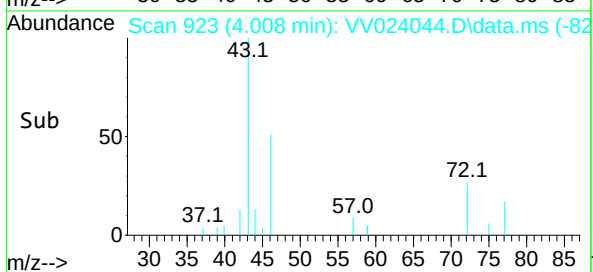
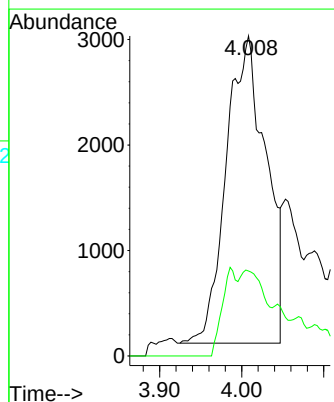
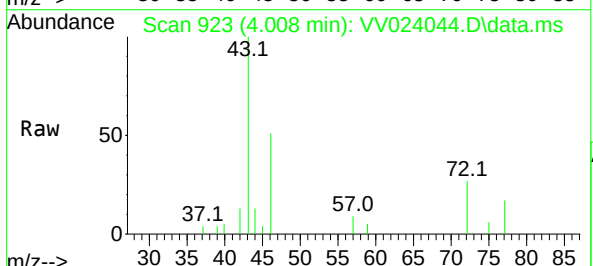


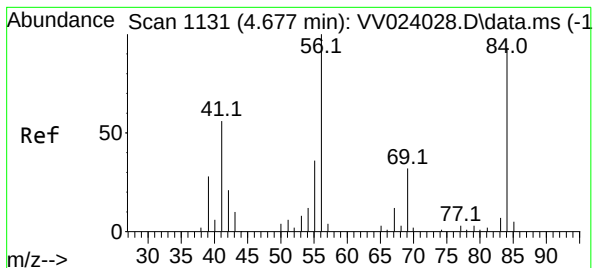
Tgt Ion: 43 Resp: 18359
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#21
2-Butanone
Concen: 8.599 ug/L
RT: 4.008 min Scan# 923
Delta R.T. 0.019 min
Lab File: VV024044.D
Acq: 17 Dec 2021 04:29

Tgt Ion: 43 Resp: 9815
Ion Ratio Lower Upper
43 100
72 8.8 11.1 33.1#





#30

Cyclohexane

Concen: 0.189 ug/L

RT: 4.680 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV024044.D

Acq: 17 Dec 2021 04:29

Instrument :

MSVOA_V

ClientSampleId :

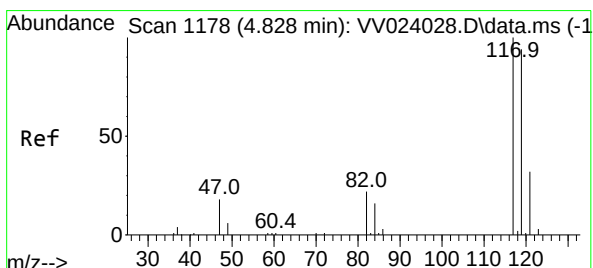
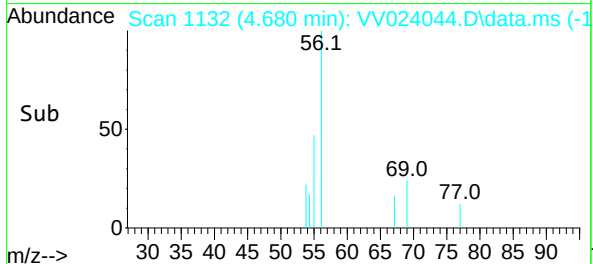
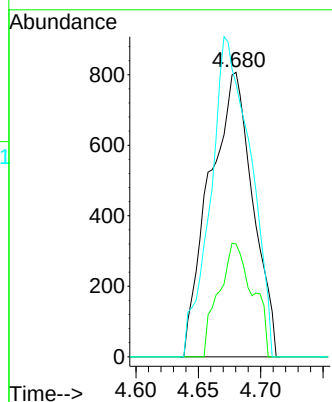
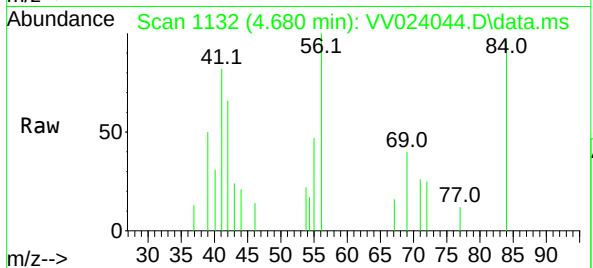
Tgt Ion: 56 Resp: 1949

Ion Ratio Lower Upper

56 100

69 31.2 24.8 37.2

84 103.7 75.9 113.9



#31

Carbon tetrachloride

Concen: 7.856 ug/L

RT: 4.825 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VV024044.D

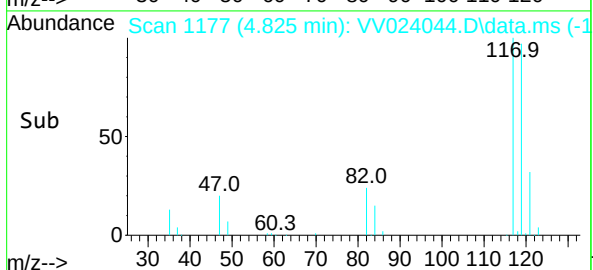
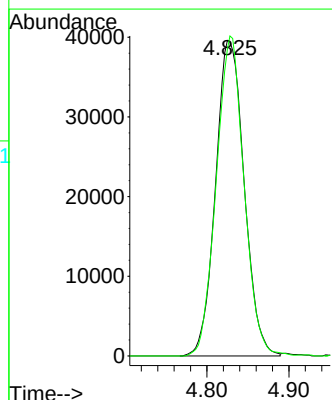
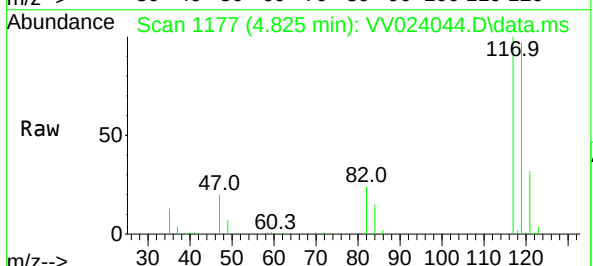
Acq: 17 Dec 2021 04:29

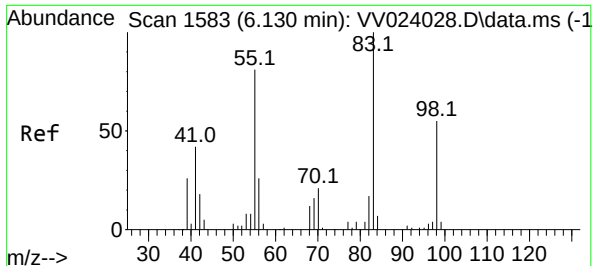
Tgt Ion: 117 Resp: 95970

Ion Ratio Lower Upper

117 100

119 98.3 76.6 114.8





#35

Methylcyclohexane

Concen: 0.614 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV024044.D

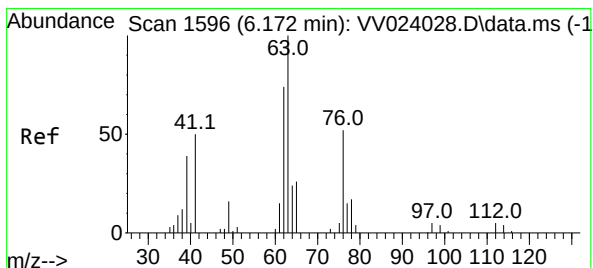
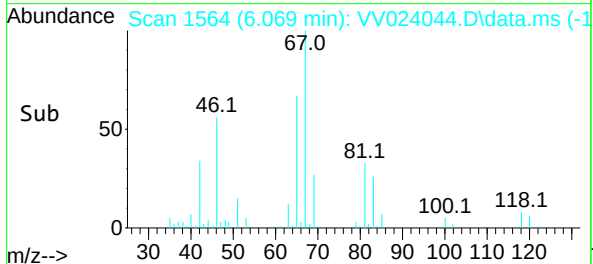
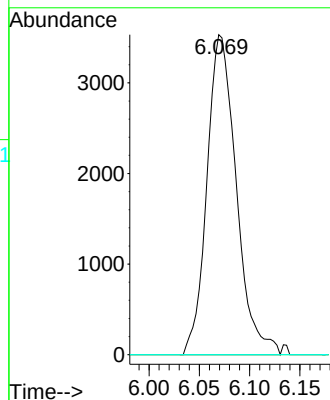
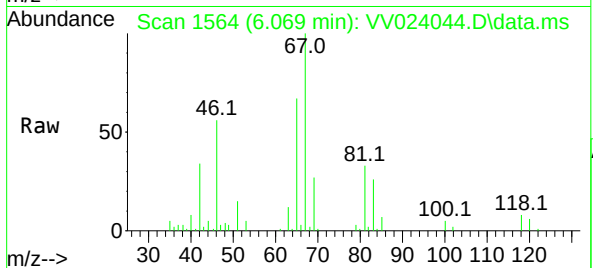
Acq: 17 Dec 2021 04:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 7168
Ion Ratio	Lower Upper
83 100	
55 0.0	60.2 90.2#
98 8.4	41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.512 ug/L

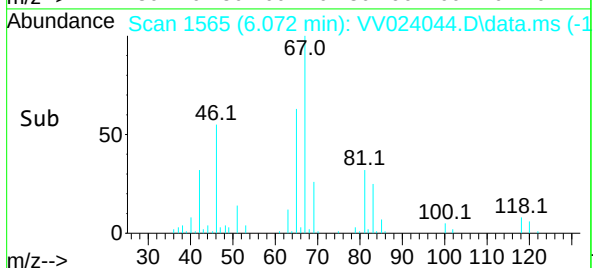
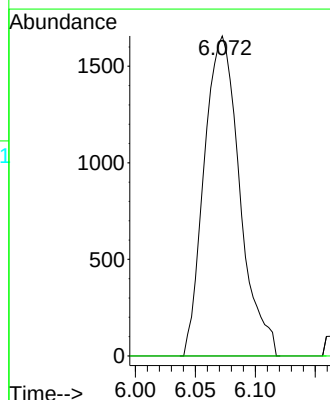
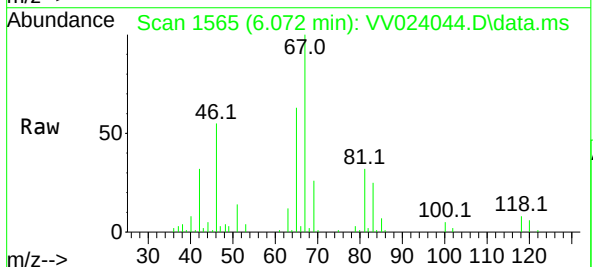
RT: 6.072 min Scan# 1565

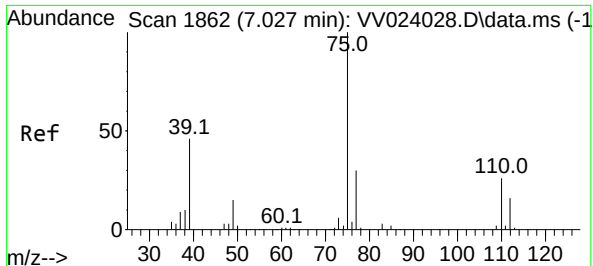
Delta R.T. -0.100 min

Lab File: VV024044.D

Acq: 17 Dec 2021 04:29

Tgt Ion: 63	Resp: 3419
Ion Ratio	Lower Upper
63 100	
112 1.2	4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV024044.D

Acq: 17 Dec 2021 04:29

Instrument :

MSVOA_V

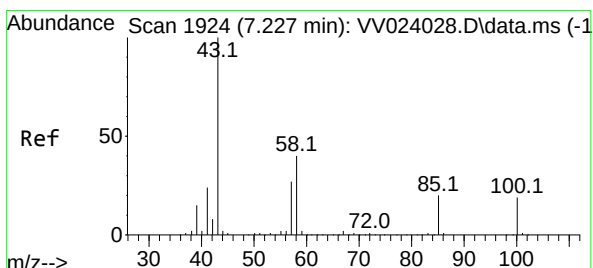
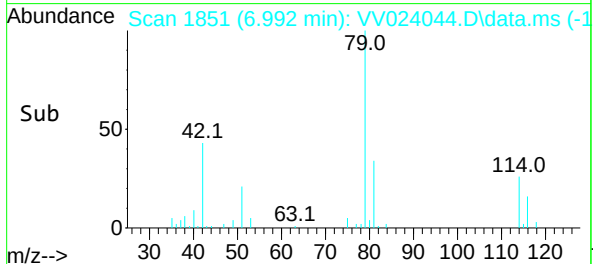
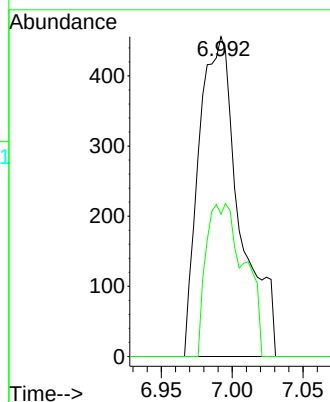
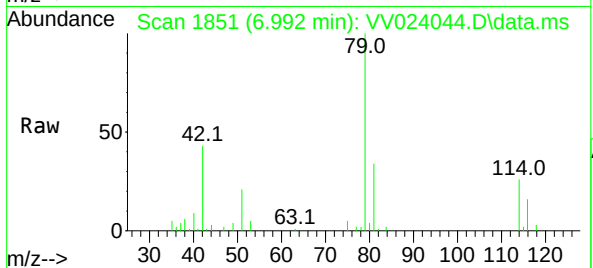
ClientSampleId :

Tgt Ion: 75 Resp: 910

Ion Ratio Lower Upper

75 100

77 44.5 22.0 41.0#



#40

4-Methyl-2-pentanone

Concen: 0.744 ug/L

RT: 7.240 min Scan# 1928

Delta R.T. 0.013 min

Lab File: VV024044.D

Acq: 17 Dec 2021 04:29

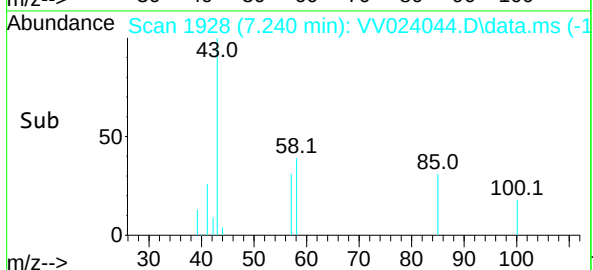
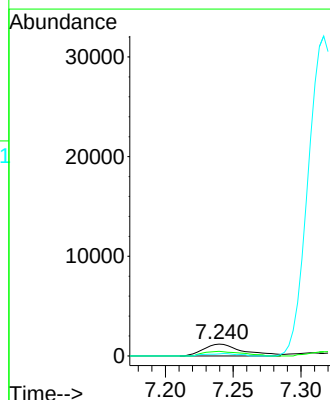
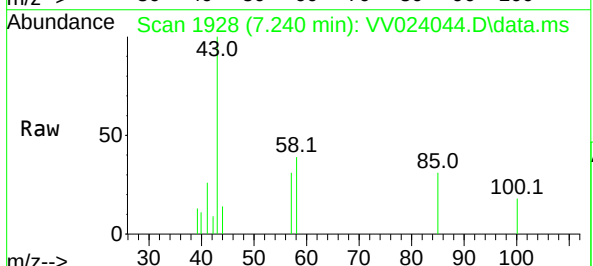
Tgt Ion: 43 Resp: 2387

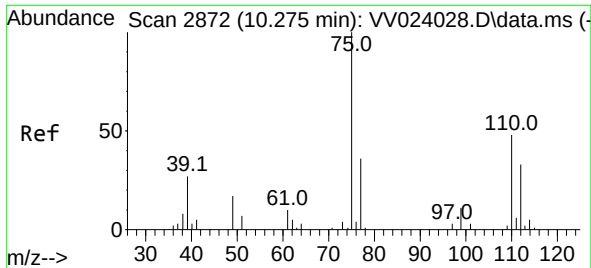
Ion Ratio Lower Upper

43 100

58 38.0 32.3 48.5

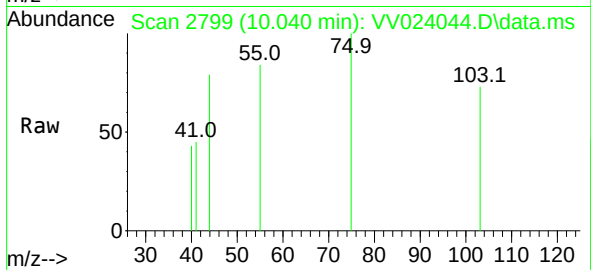
100 0.0 13.0 19.6#





#61
 1,2,3-Trichloropropane
 Concen: 0.083 ug/L
 RT: 10.040 min Scan# 21
 Delta R.T. -0.231 min
 Lab File: VV024044.D
 Acq: 17 Dec 2021 04:29

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 273
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.4 39.6#
 110 0.0 34.2 51.2#

