

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024041.D
 Acq On : 17 Dec 2021 03:18
 Operator : SY/MD
 Sample : M5133-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 05:34:31 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)

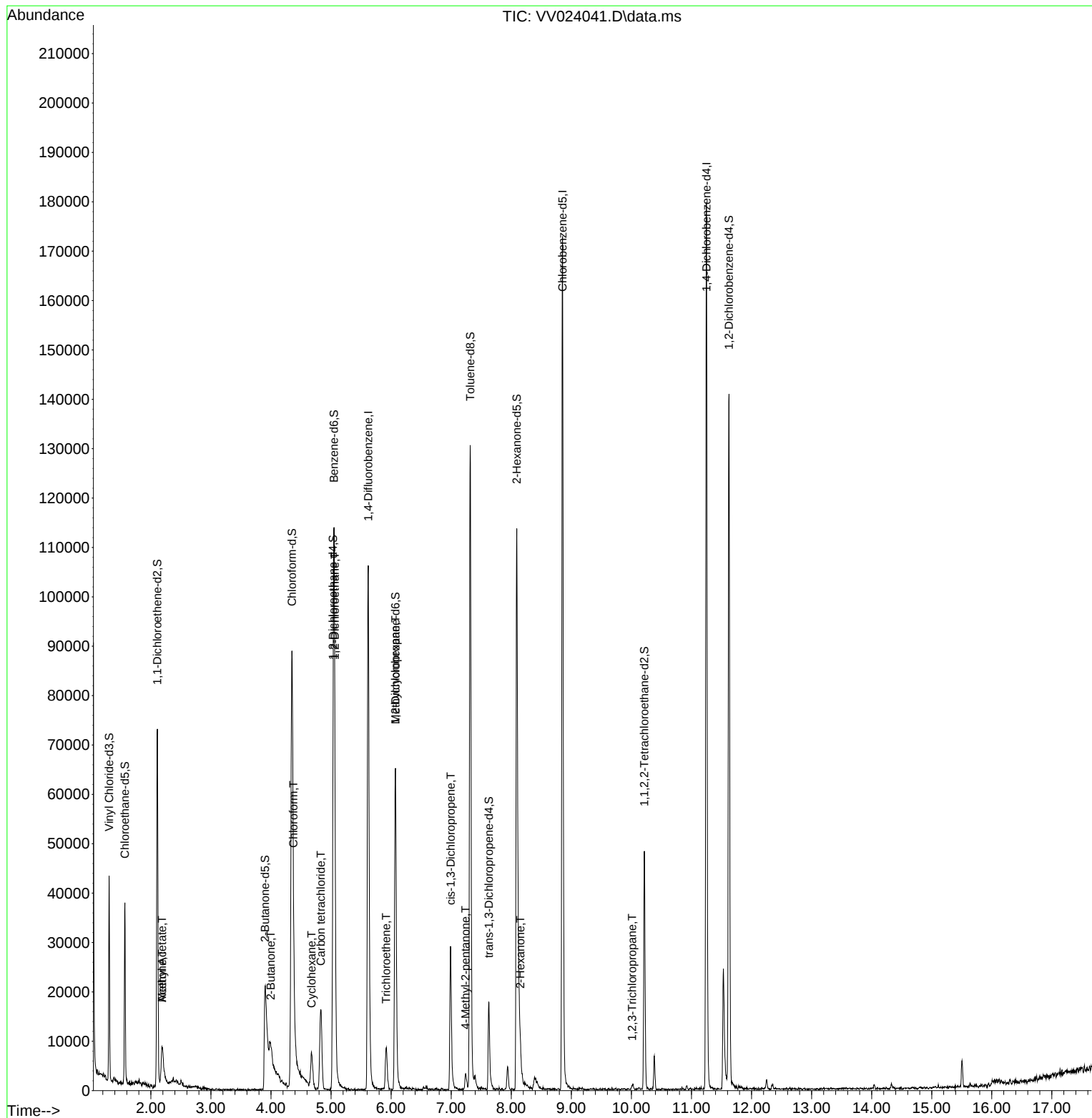
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	93724	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	97433	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48929	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23456	4.655	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.568	69	20668	4.917	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.108	63	37061	3.768	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	3.902	46	45330	46.050	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.100%
24) Chloroform-d	4.349	84	54736	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.034	65	27670	5.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.050	84	103124	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
36) 1,2-Dichloropropane-d6	6.072	67	30382	5.218	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.317	98	87944	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	7.628	79	11608	4.806	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.091	63	42088	38.925	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	21181	4.385	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	37967	5.809	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.200%
Target Compounds						Qvalue
13) Acetone	2.185	43	18079	22.956	ug/L	82
15) Methyl Acetate	2.185	43	16453	8.619	ug/L #	50
21) 2-Butanone	3.995	43	6762	6.009	ug/L #	71
25) Chloroform	4.375	83	6413	0.462	ug/L	92
27) 1,2-Dichloroethane	5.063	62	608	0.081	ug/L #	73
30) Cyclohexane	4.674	56	3578	0.354	ug/L #	93
31) Carbon tetrachloride	4.828	117	13231	1.104	ug/L	98
34) Trichloroethene	5.918	95	2556	0.329	ug/L	85
35) Methylcyclohexane	6.072	83	8129	0.710	ug/L #	18
39) cis-1,3-Dichloropropene	6.992	75	908	0.093	ug/L #	74
40) 4-Methyl-2-pentanone	7.239	43	2459	0.781	ug/L #	86
48) 2-Hexanone	8.149	43	4257	1.866	ug/L #	79
61) 1,2,3-Trichloropropane	10.011	75	620	0.186	ug/L #	37

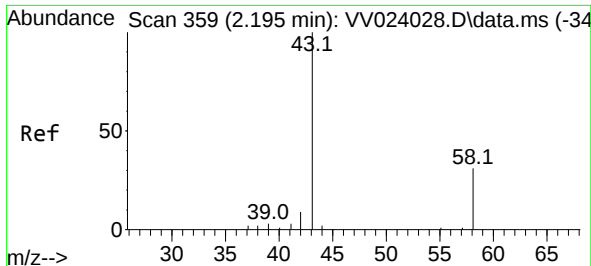
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 22.956 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.013 min

Lab File: VV024041.D

Acq: 17 Dec 2021 03:18

Instrument :

MSVOA_V

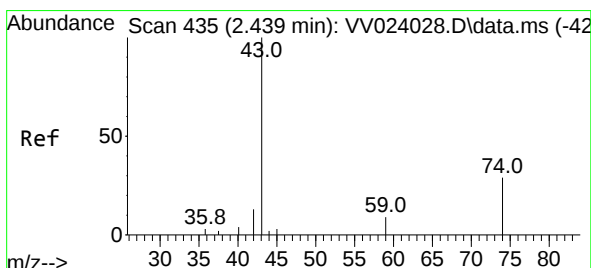
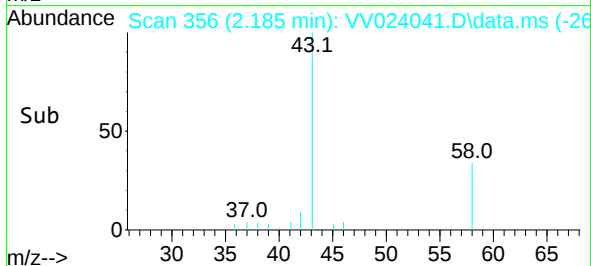
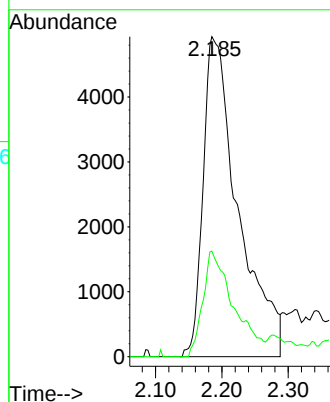
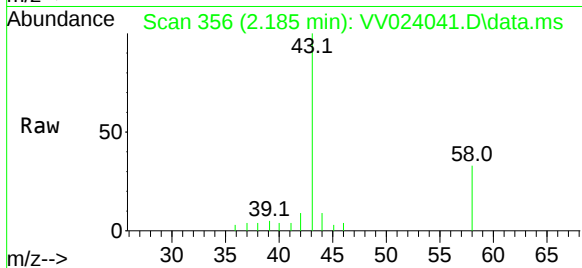
ClientSampleId :

Tgt Ion: 43 Resp: 18079

Ion Ratio Lower Upper

43 100

58 29.2 0.0 41.4



#15

Methyl Acetate

Concen: 8.619 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.261 min

Lab File: VV024041.D

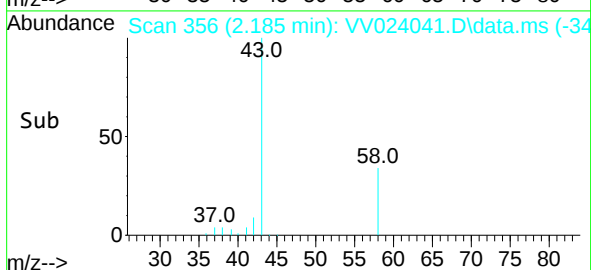
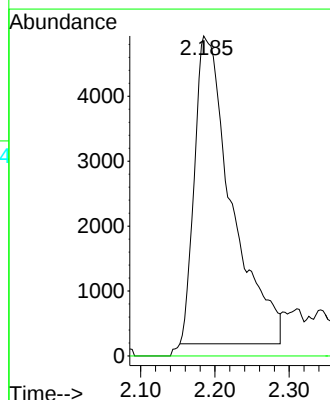
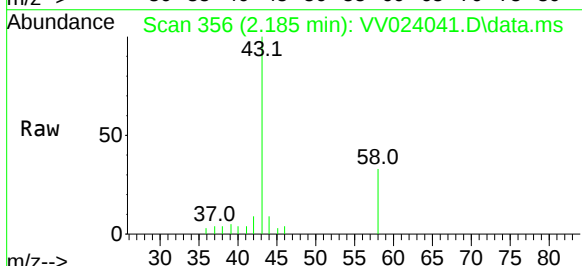
Acq: 17 Dec 2021 03:18

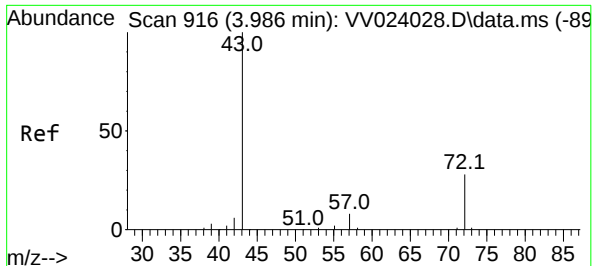
Tgt Ion: 43 Resp: 16453

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#





#21

2-Butanone

Concen: 6.009 ug/L

RT: 3.995 min Scan# 91

Delta R.T. 0.006 min

Lab File: VV024041.D

Acq: 17 Dec 2021 03:18

Instrument :

MSVOA_V

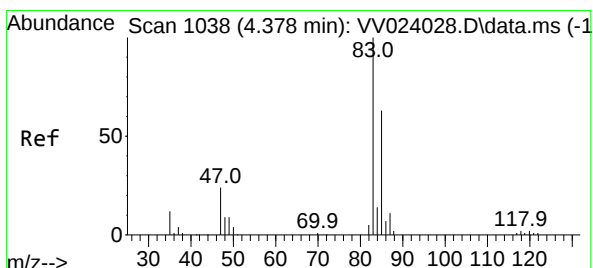
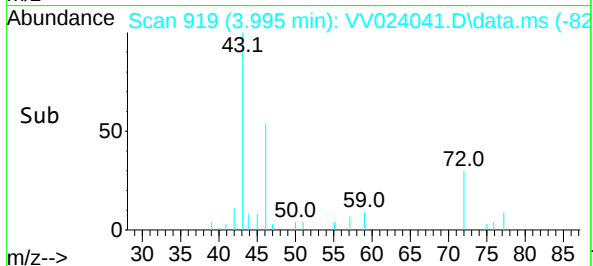
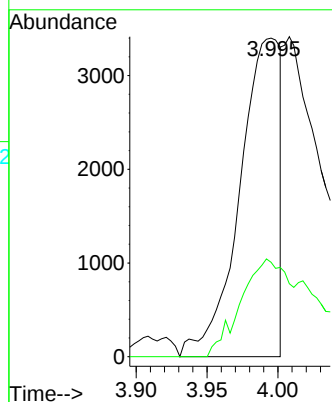
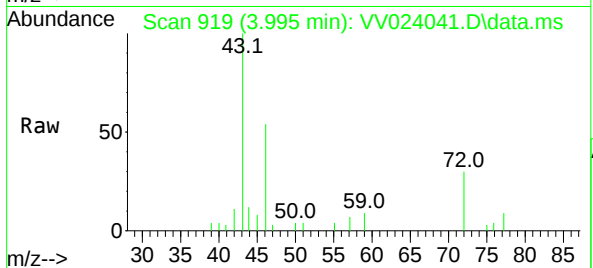
ClientSampleId :

Tgt Ion: 43 Resp: 6762

Ion Ratio Lower Upper

43 100

72 36.0 11.1 33.1#



#25

Chloroform

Concen: 0.462 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV024041.D

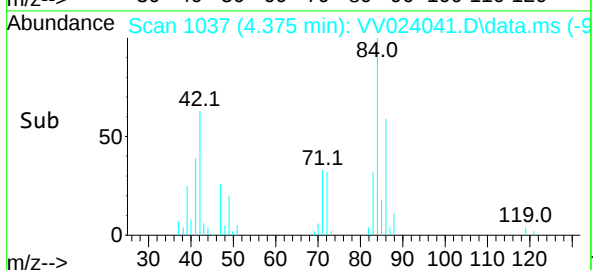
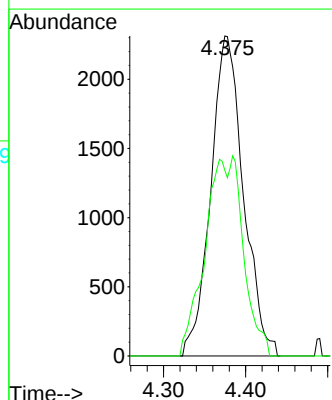
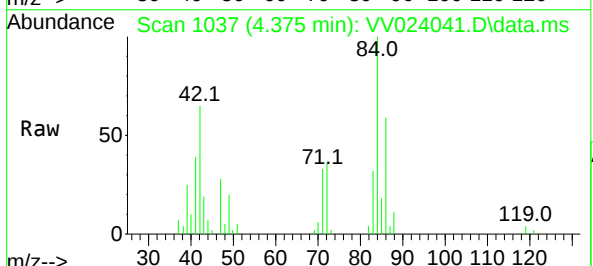
Acq: 17 Dec 2021 03:18

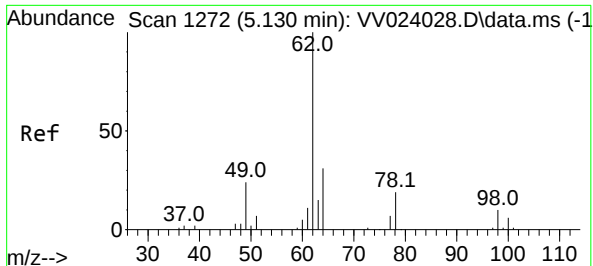
Tgt Ion: 83 Resp: 6413

Ion Ratio Lower Upper

83 100

85 58.0 45.2 84.0





#27

1,2-Dichloroethane

Concen: 0.081 ug/L

RT: 5.063 min Scan# 11

Delta R.T. -0.068 min

Lab File: VV024041.D

Acq: 17 Dec 2021 03:18

Instrument :

MSVOA_V

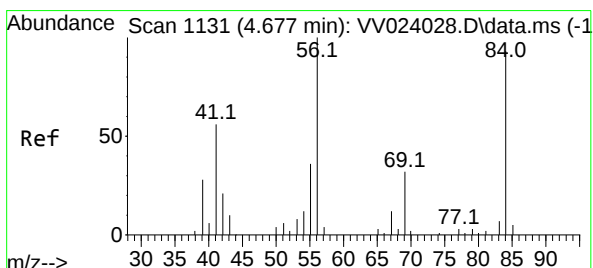
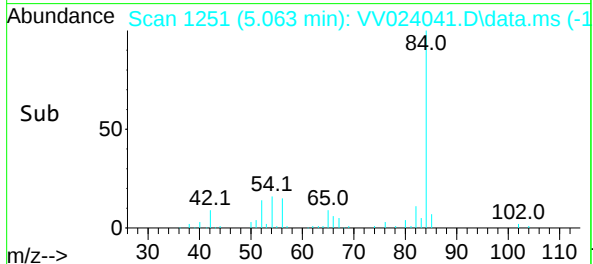
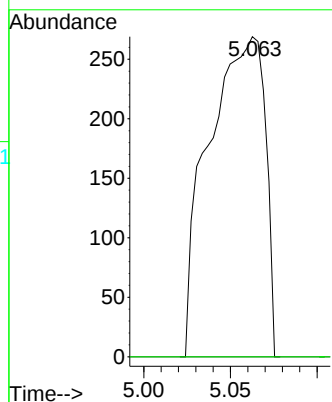
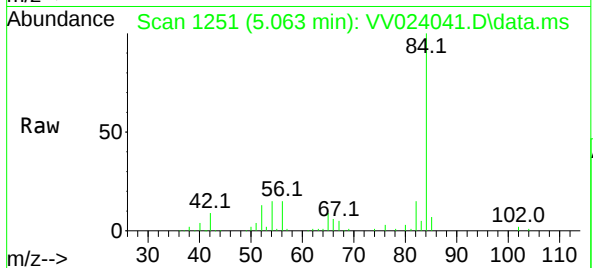
ClientSampleId :

Tgt Ion: 62 Resp: 608

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#30

Cyclohexane

Concen: 0.354 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV024041.D

Acq: 17 Dec 2021 03:18

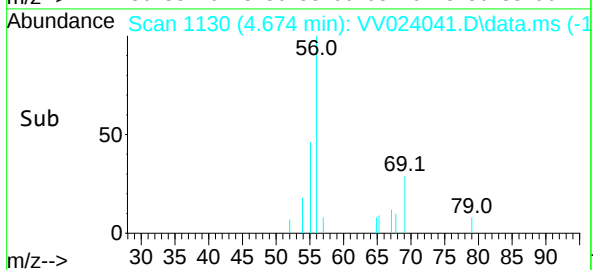
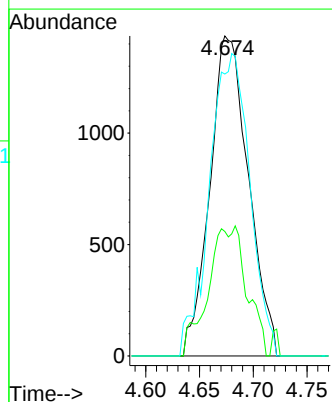
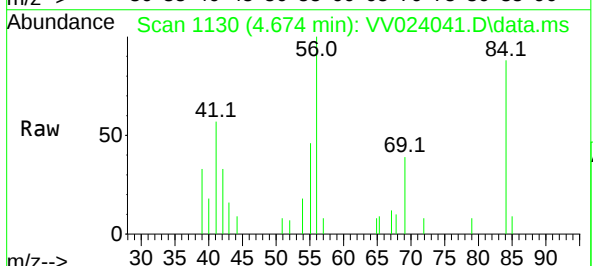
Tgt Ion: 56 Resp: 3578

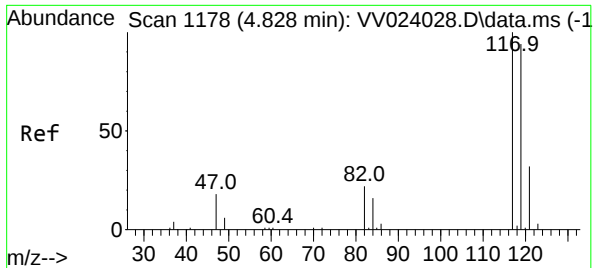
Ion Ratio Lower Upper

56 100

69 22.7 24.8 37.2#

84 99.3 75.9 113.9

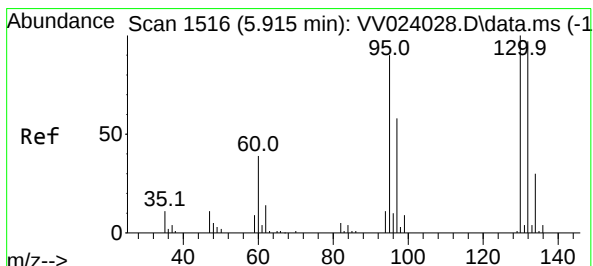
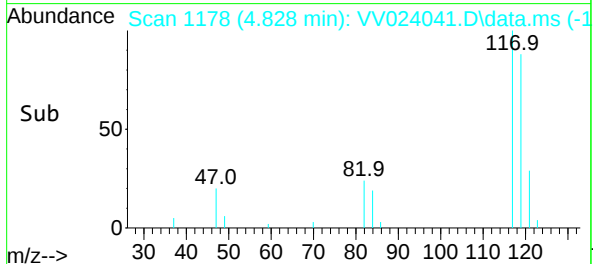
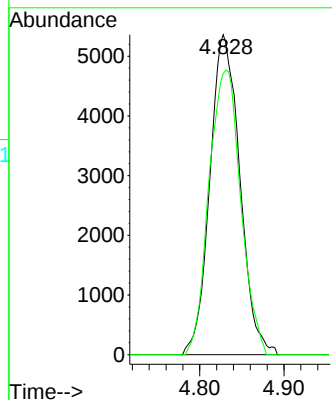
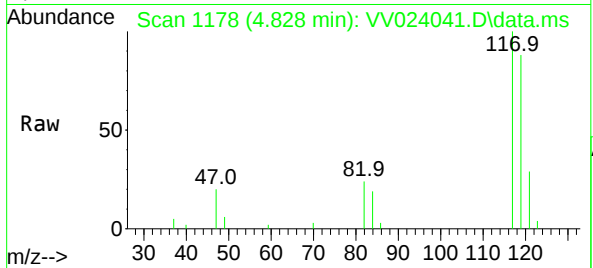




#31
Carbon tetrachloride
Concen: 1.104 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV024041.D
Acq: 17 Dec 2021 03:18

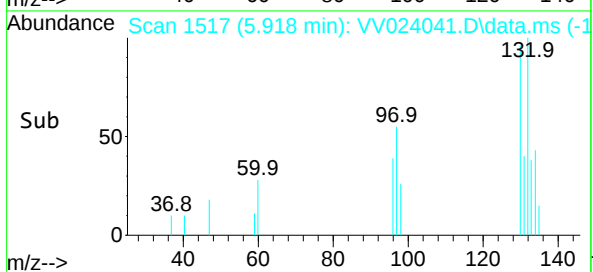
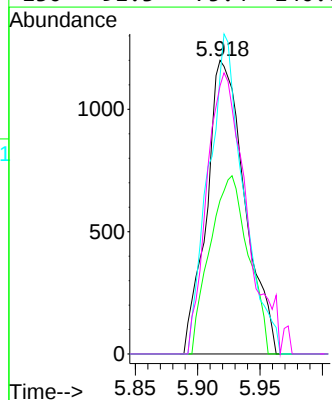
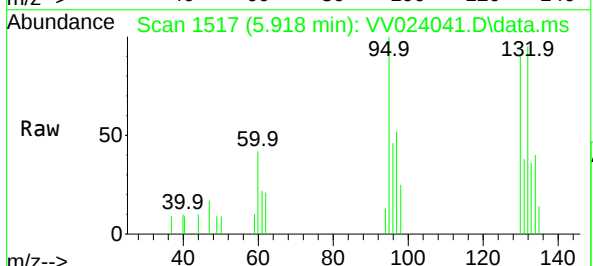
Instrument :
MSVOA_V
ClientSampleId :

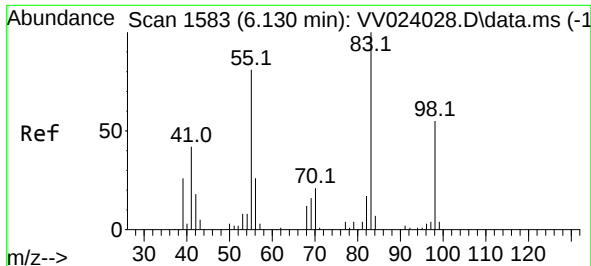
Tgt Ion:117 Resp: 13231
Ion Ratio Lower Upper
117 100
119 94.2 76.6 114.8



#34
Trichloroethene
Concen: 0.329 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV024041.D
Acq: 17 Dec 2021 03:18

Tgt Ion: 95 Resp: 2556
Ion Ratio Lower Upper
95 100
97 52.3 45.2 84.0
132 94.7 76.1 141.3
130 91.3 75.4 140.0





#35

Methylcyclohexane

Concen: 0.710 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV024041.D

Acq: 17 Dec 2021 03:18

Instrument :

MSVOA_V

ClientSampleId :

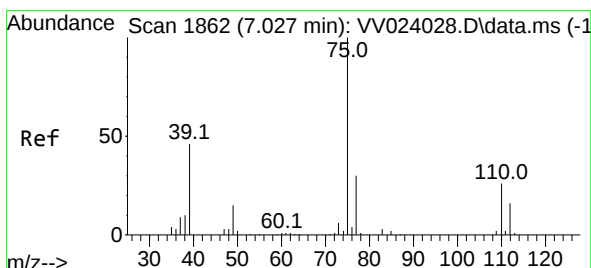
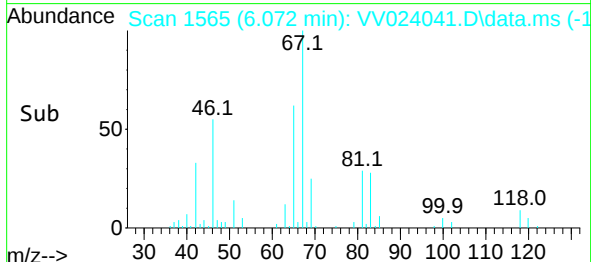
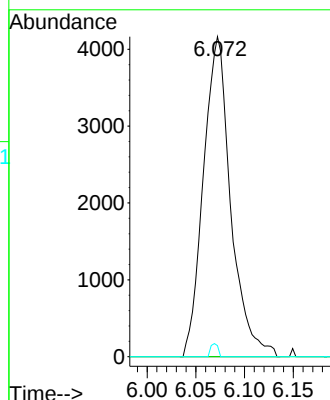
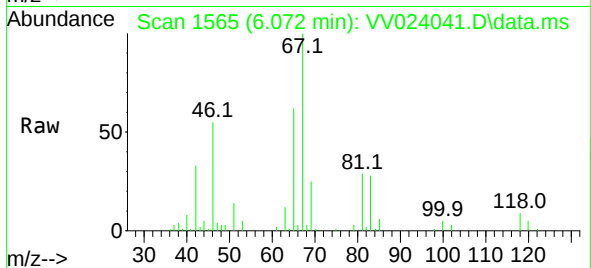
Tgt Ion: 83 Resp: 8129

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 1.1 41.0 61.4#



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV024041.D

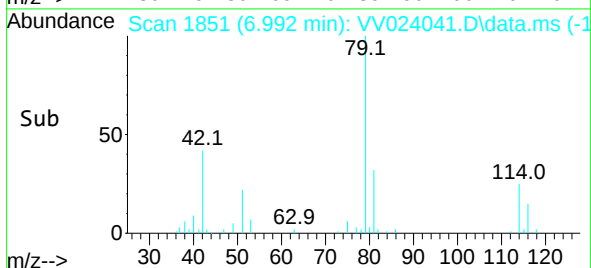
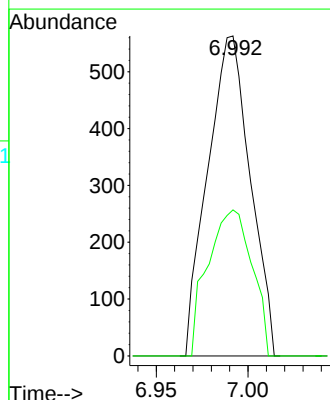
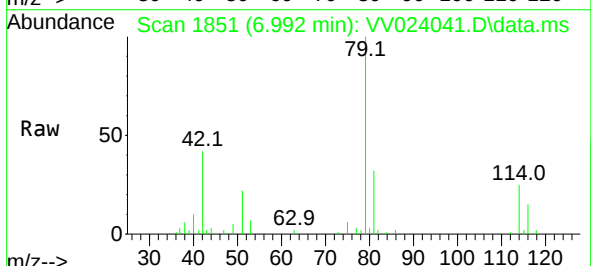
Acq: 17 Dec 2021 03:18

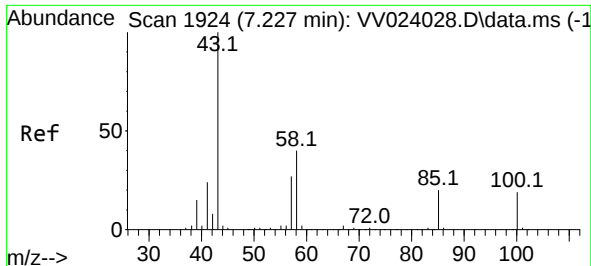
Tgt Ion: 75 Resp: 908

Ion Ratio Lower Upper

75 100

77 45.6 22.0 41.0#





#40

4-Methyl-2-pentanone

Concen: 0.781 ug/L

RT: 7.239 min Scan# 1928

Delta R.T. 0.013 min

Lab File: VV024041.D

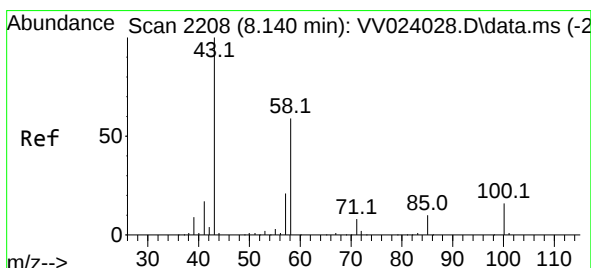
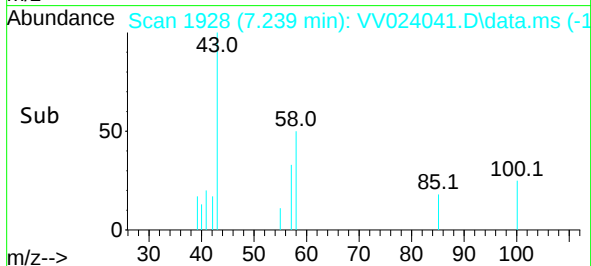
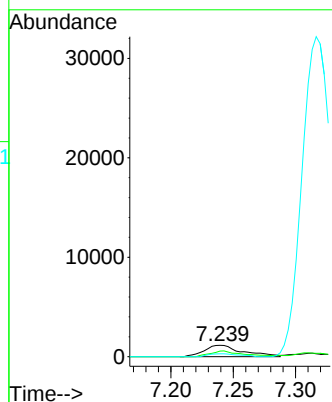
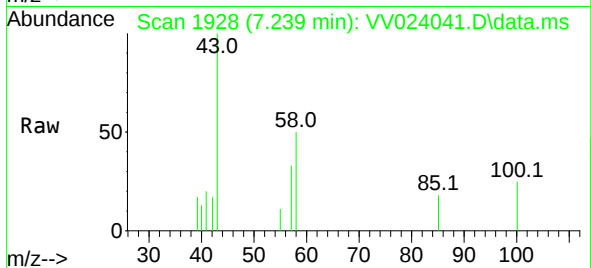
Acq: 17 Dec 2021 03:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43	Resp: 2459
Ion Ratio	Lower Upper
43	100
58	43.0 32.3 48.5
100	0.0 13.0 19.6#



#48

2-Hexanone

Concen: 1.866 ug/L

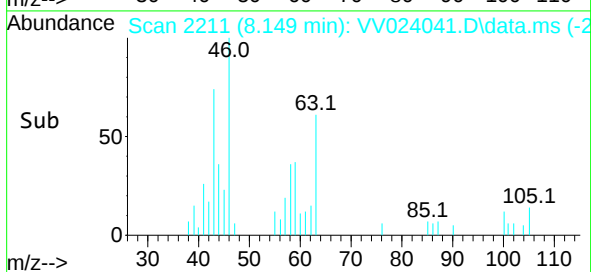
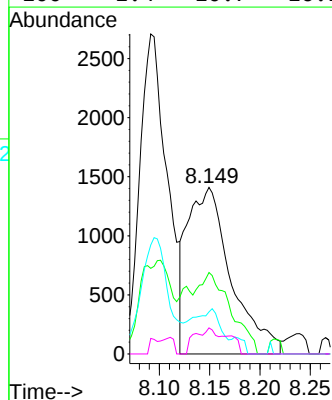
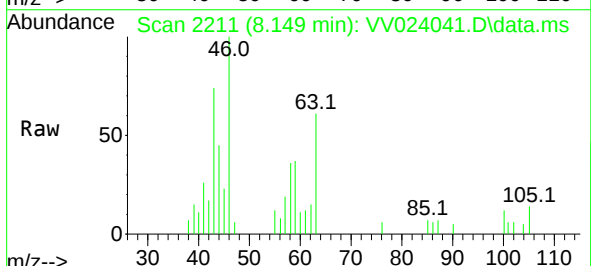
RT: 8.149 min Scan# 2211

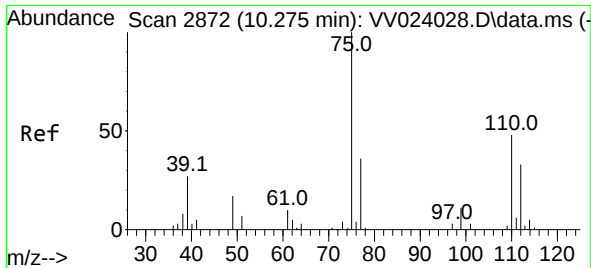
Delta R.T. 0.010 min

Lab File: VV024041.D

Acq: 17 Dec 2021 03:18

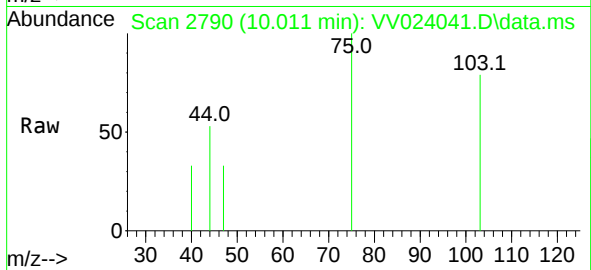
Tgt Ion: 43	Resp: 4257
Ion Ratio	Lower Upper
43	100
58	37.0 44.5 66.7#
57	17.9 15.1 22.7
100	1.4 10.7 16.1#





#61
 1,2,3-Trichloropropane
 Concen: 0.186 ug/L
 RT: 10.011 min Scan# 21
 Delta R.T. -0.261 min
 Lab File: VV024041.D
 Acq: 17 Dec 2021 03:18

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 620
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.4 39.6#
 110 0.0 34.2 51.2#

