

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
 Data File : VV023475.D
 Acq On : 15 Nov 2021 12:19
 Operator : SY/MD
 Sample : M4616-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1X4

Quant Time: Nov 16 00:31:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 00:29:25 2021
 Response via : Initial Calibration

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

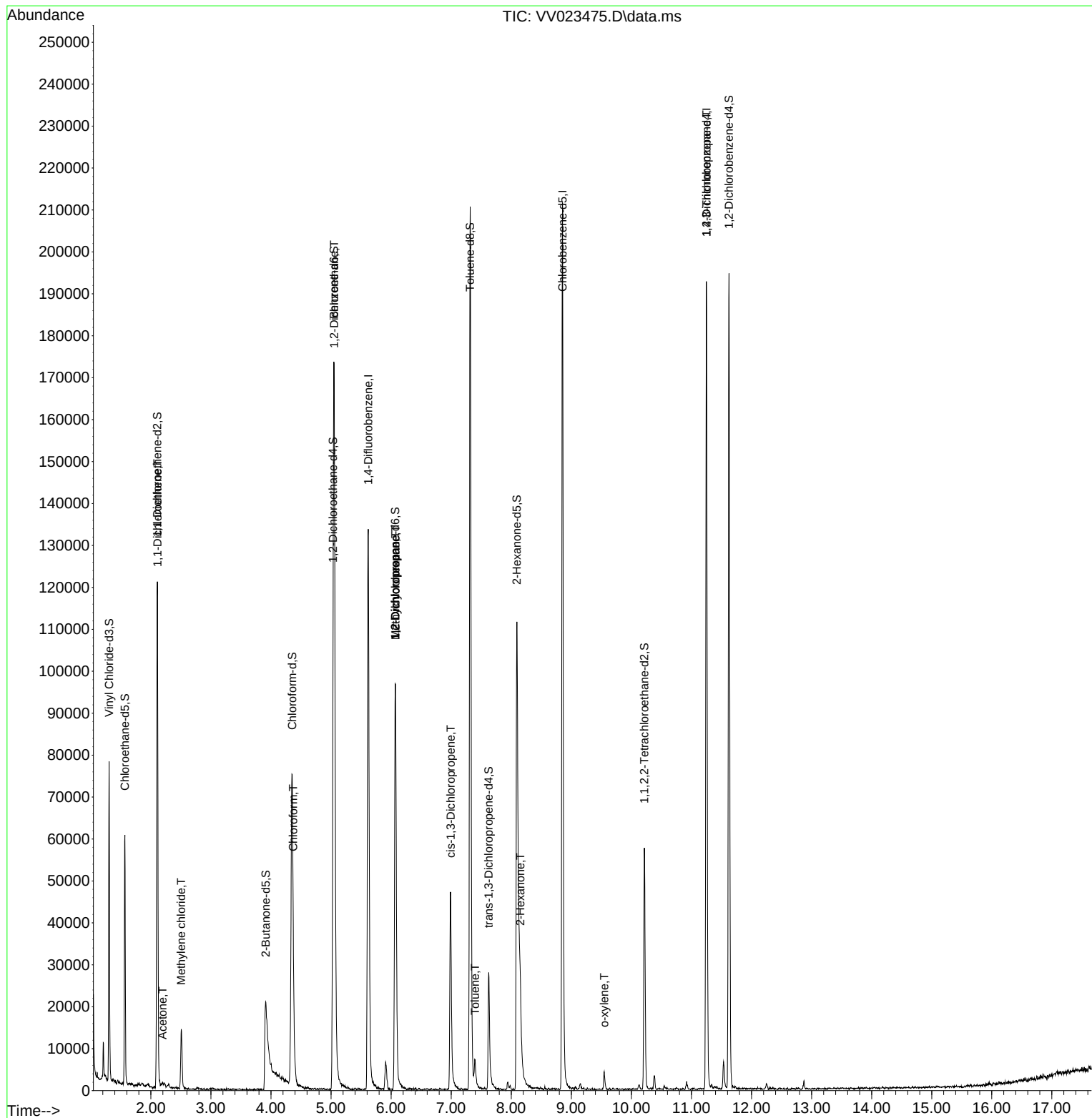
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119283	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	118313	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53803	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45279	6.059	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.200%
7) Chloroethane-d5	1.568	69	35479	5.825	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.600%
11) 1,1-Dichloroethene-d2	2.108	63	62128	4.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	3.912	46	42229	32.802	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.600%
24) Chloroform-d	4.352	84	78763	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.034	65	39670	5.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	5.050	84	159754	5.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
36) 1,2-Dichloropropane-d6	6.069	67	47651	5.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.317	98	142615	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	7.625	79	16577	4.892	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.091	63	46815	37.551	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26907	4.187	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	51595	5.759	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.111	96	642	0.090	ug/L #	1
13) Acetone	2.195	43	1415	1.799	ug/L	96
16) Methylene chloride	2.506	84	5453	0.525	ug/L	86
25) Chloroform	4.368	83	5286	0.336	ug/L	92
27) 1,2-Dichloroethane	5.053	62	1101	0.132	ug/L #	72
35) Methylcyclohexane	6.072	83	11712	0.844	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5594	0.725	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1372	0.124	ug/L #	74
42) Toluene	7.397	91	4644	0.131	ug/L	96
48) 2-Hexanone	8.149	43	13478	5.372	ug/L #	79
54) o-xylene	9.548	106	1068	0.078	ug/L	97
61) 1,2,3-Trichloropropane	11.249	75	5381	1.506	ug/L #	64

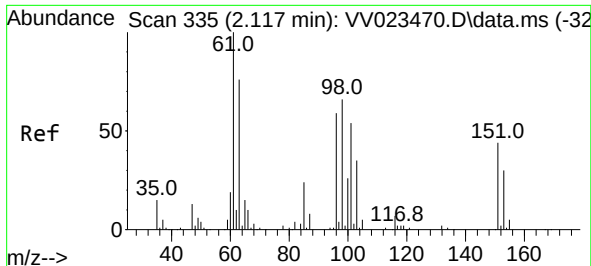
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV023475.D

Acq: 15 Nov 2021 12:19

Instrument :

MSVOA_V

ClientSampleId :

BG1X4

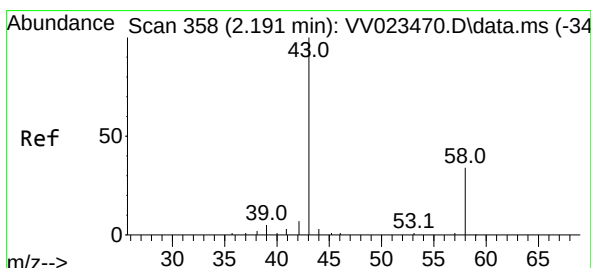
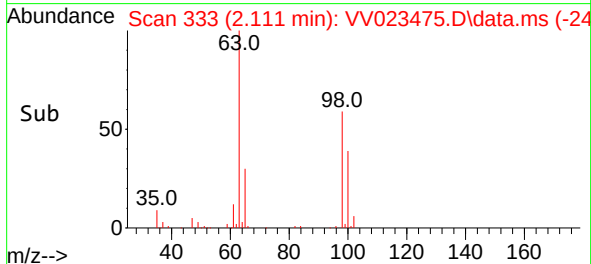
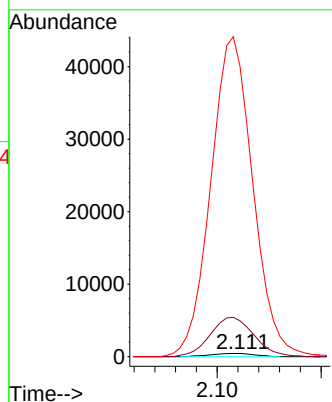
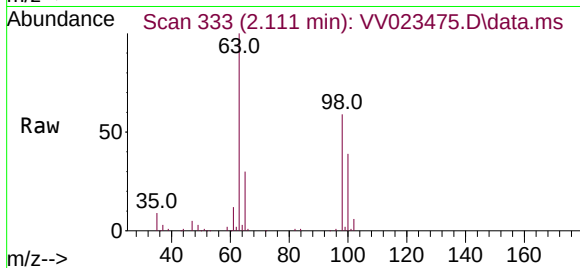
Tgt Ion: 96 Resp: 642

Ion Ratio Lower Upper

96 100

61 1142.3 121.5 225.7#

63 9247.1 99.6 185.0#



#13

Acetone

Concen: 1.799 ug/L

RT: 2.195 min Scan# 359

Delta R.T. 0.003 min

Lab File: VV023475.D

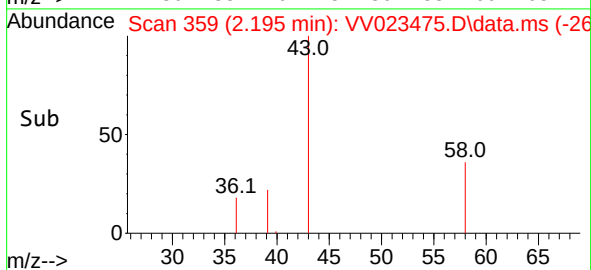
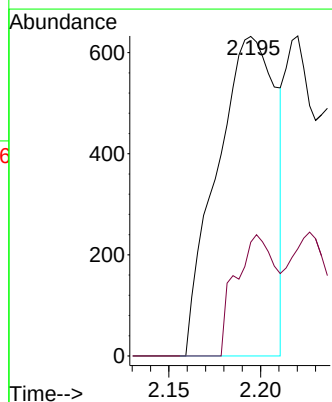
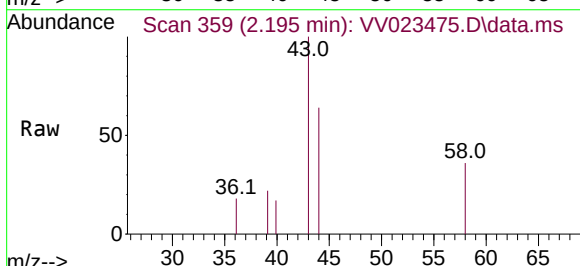
Acq: 15 Nov 2021 12:19

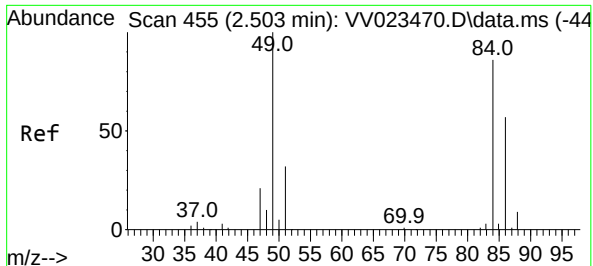
Tgt Ion: 43 Resp: 1415

Ion Ratio Lower Upper

43 100

58 25.5 0.0 55.4

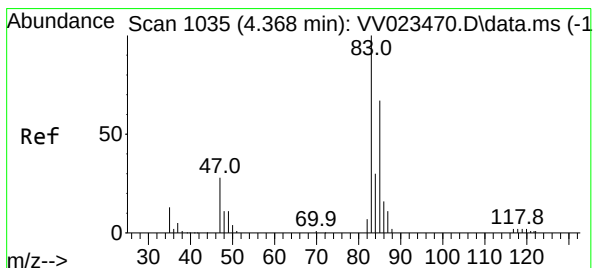
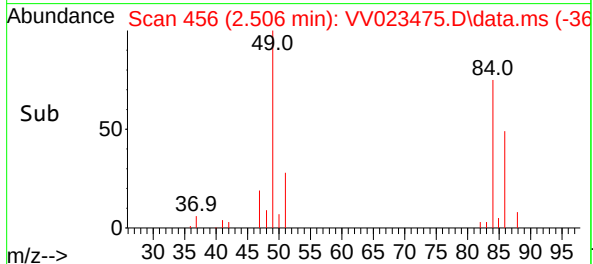
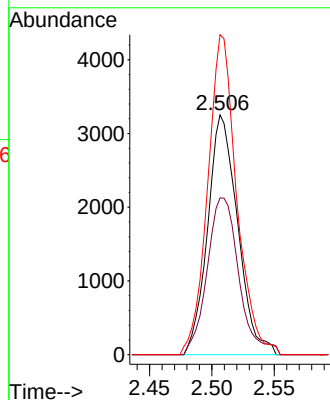
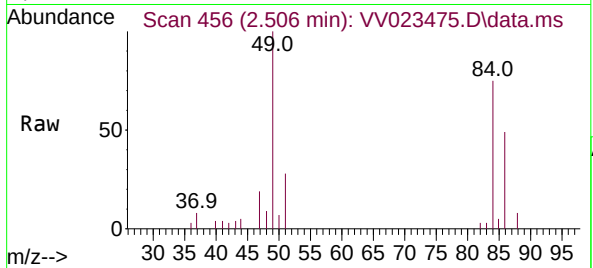




#16
Methylene chloride
Concen: 0.525 ug/L
RT: 2.506 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023475.D
Acq: 15 Nov 2021 12:19

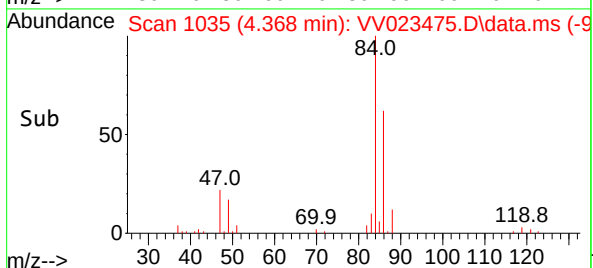
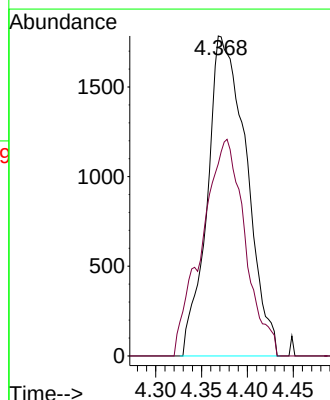
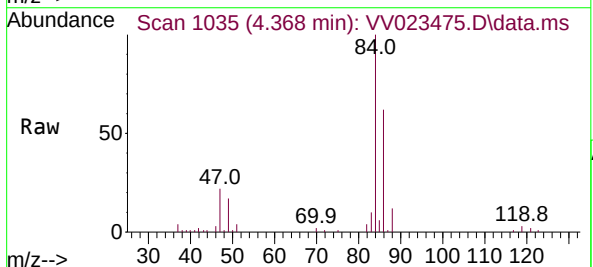
Instrument :
MSVOA_V
ClientSampleId :
BG1X4

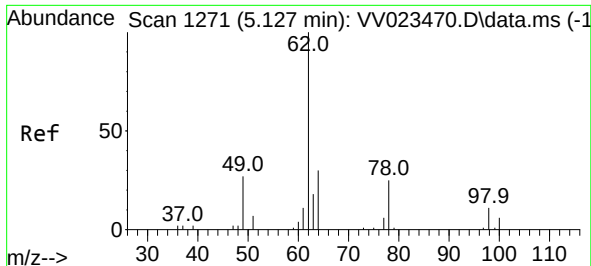
Tgt Ion: 84 Resp: 5453
Ion Ratio Lower Upper
84 100
86 65.4 42.3 78.5
49 133.4 79.7 148.1



#25
Chloroform
Concen: 0.336 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VV023475.D
Acq: 15 Nov 2021 12:19

Tgt Ion: 83 Resp: 5286
Ion Ratio Lower Upper
83 100
85 60.1 46.8 86.8





#27

1,2-Dichloroethane

Concen: 0.132 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV023475.D

Acq: 15 Nov 2021 12:19

Instrument :

MSVOA_V

ClientSampleId :

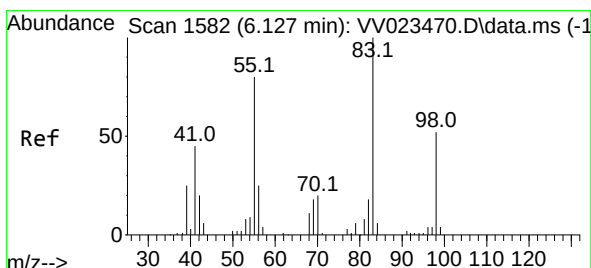
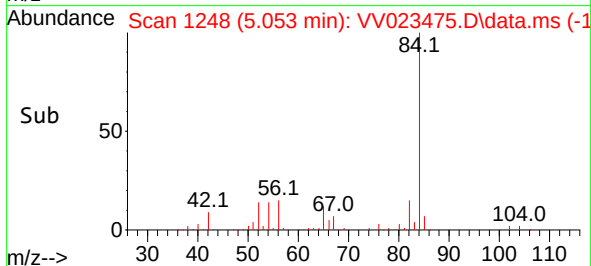
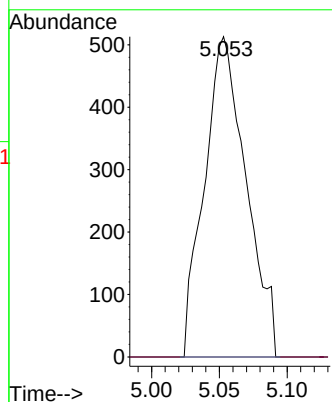
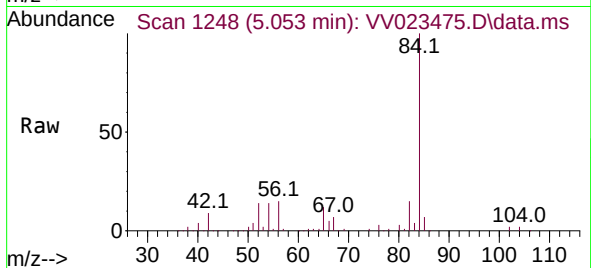
BG1X4

Tgt Ion: 62 Resp: 1101

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#35

Methylcyclohexane

Concen: 0.844 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023475.D

Acq: 15 Nov 2021 12:19

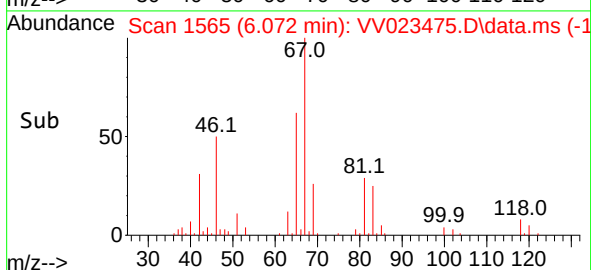
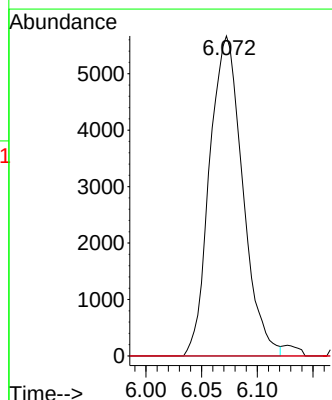
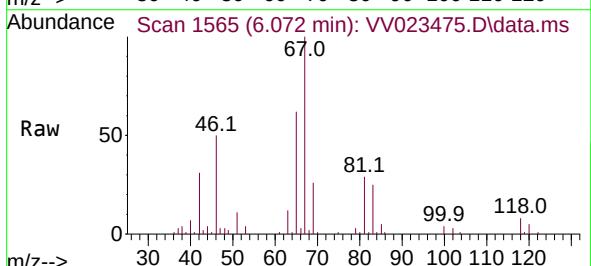
Tgt Ion: 83 Resp: 11712

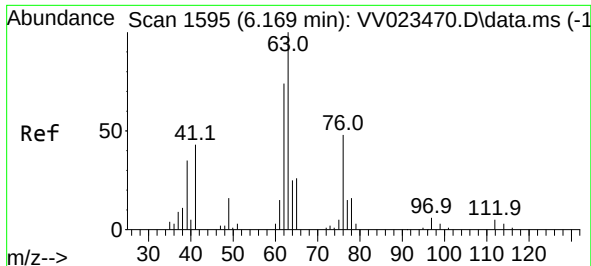
Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.9 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.725 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.096 min

Lab File: VV023475.D

Acq: 15 Nov 2021 12:19

Instrument :

MSVOA_V

ClientSampleId :

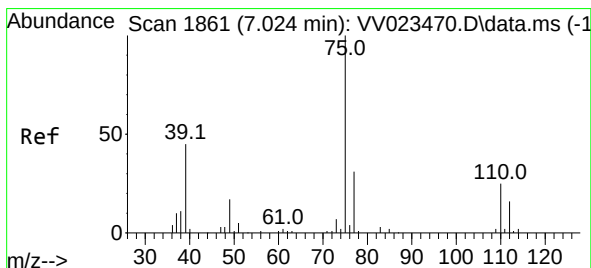
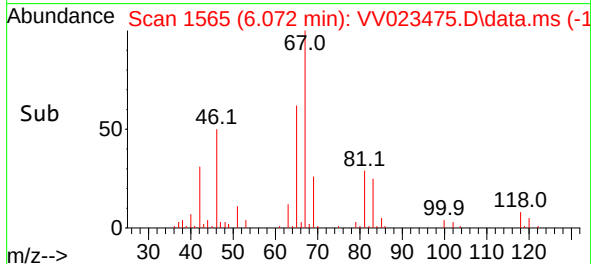
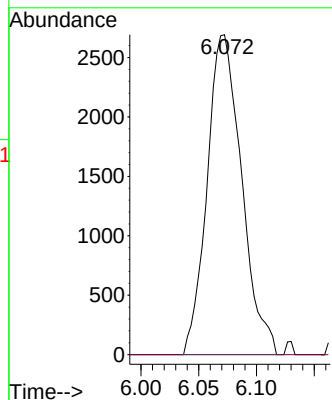
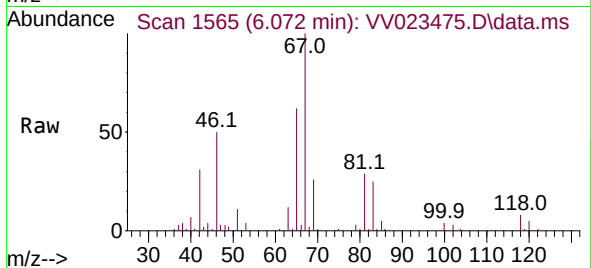
BG1X4

Tgt Ion: 63 Resp: 5594

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.124 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV023475.D

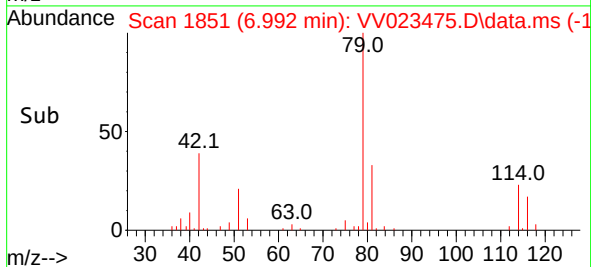
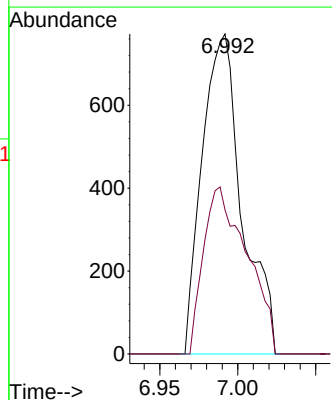
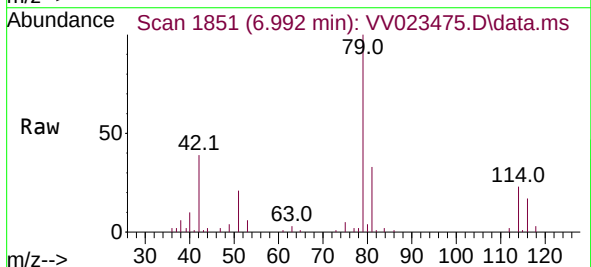
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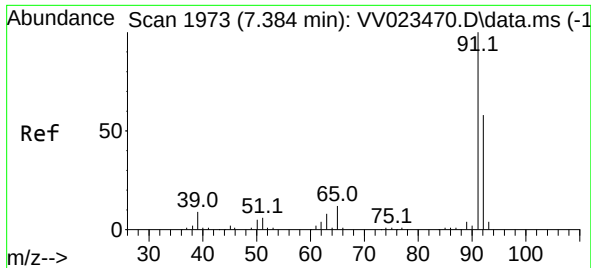
Tgt Ion: 75 Resp: 1372

Ion Ratio Lower Upper

75 100

77 45.1 21.6 40.2#





#42

Toluene

Concen: 0.131 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV023475.D

Acq: 15 Nov 2021 12:19

Instrument :

MSVOA_V

ClientSampleId :

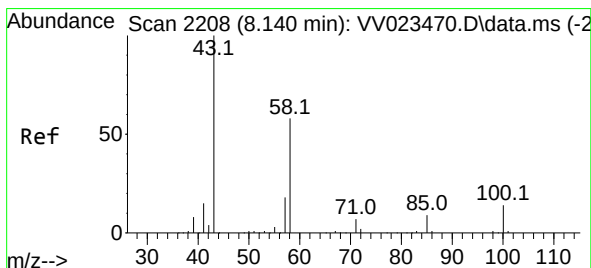
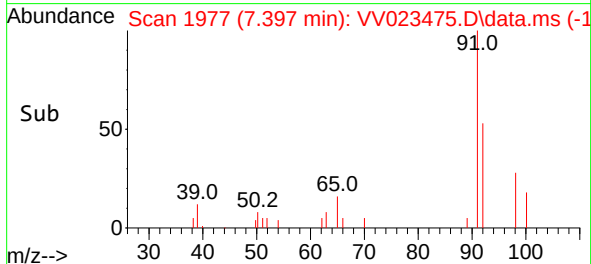
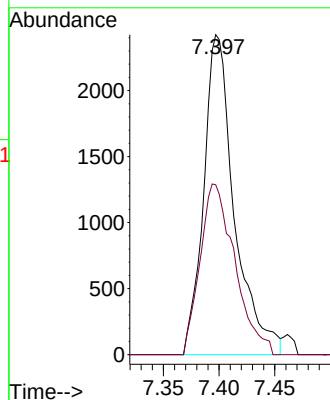
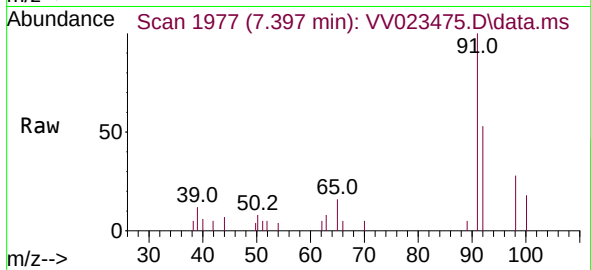
BG1X4

Tgt Ion: 91 Resp: 4644

Ion Ratio Lower Upper

91 100

92 53.1 39.3 72.9



#48

2-Hexanone

Concen: 5.372 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.010 min

Lab File: VV023475.D

Acq: 15 Nov 2021 12:19

Tgt Ion: 43 Resp: 13478

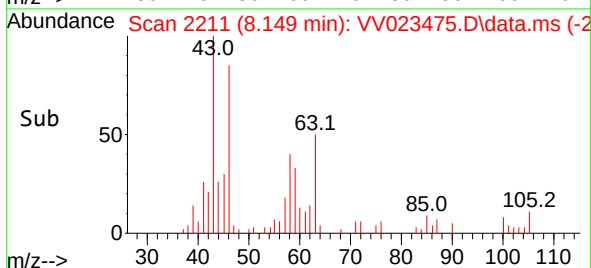
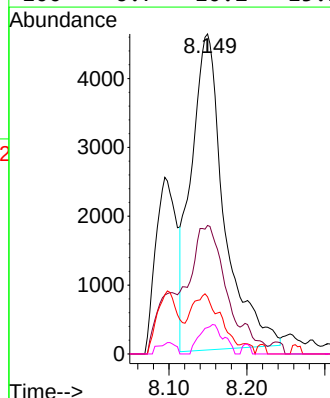
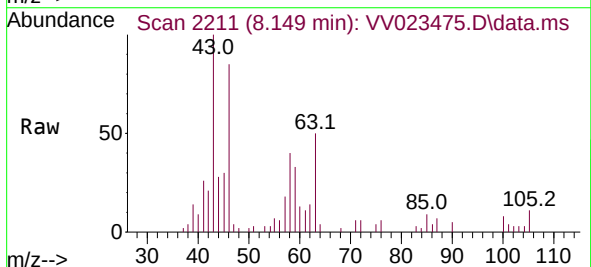
Ion Ratio Lower Upper

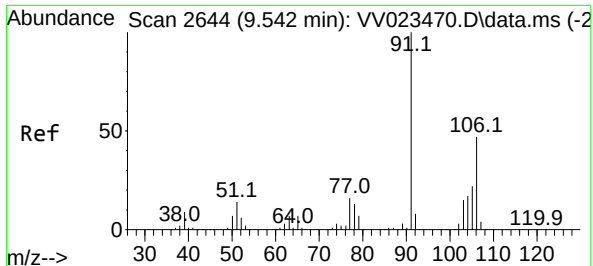
43 100

58 33.7 43.7 65.5#

57 17.3 14.1 21.1

100 6.7 10.2 15.2#

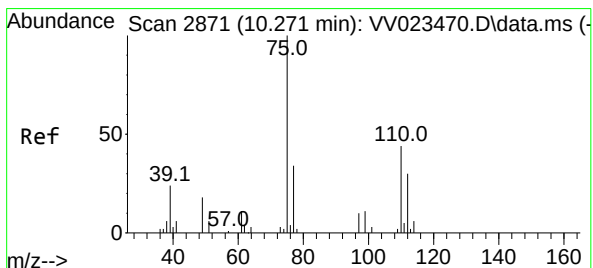
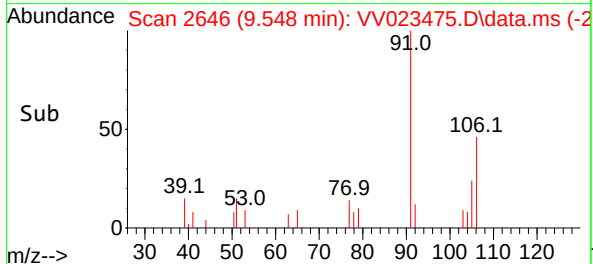
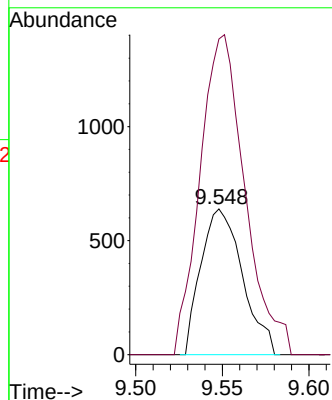
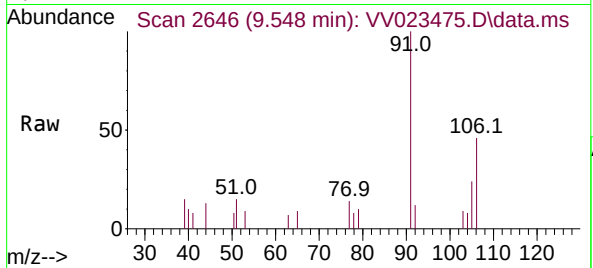




#54
o-xylene
Concen: 0.078 ug/L
RT: 9.548 min Scan# 210
Delta R.T. 0.006 min
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Acq: 15 Nov 2021 12:19

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Tgt Ion:106 Resp: 1068
Ion Ratio Lower Upper
106 100
91 216.6 148.3 275.5



#61
1,2,3-Trichloropropane
Concen: 1.506 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV023475.D
Acq: 15 Nov 2021 12:19

Tgt Ion: 75 Resp: 5381
Ion Ratio Lower Upper
75 100
77 37.6 26.6 39.8
110 3.3 31.8 47.6#

