

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023603.D
 Acq On : 18 Nov 2021 14:48
 Operator : SY/MD
 Sample : M4694-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 02:13:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 02:11:08 2021
 Response via : Initial Calibration

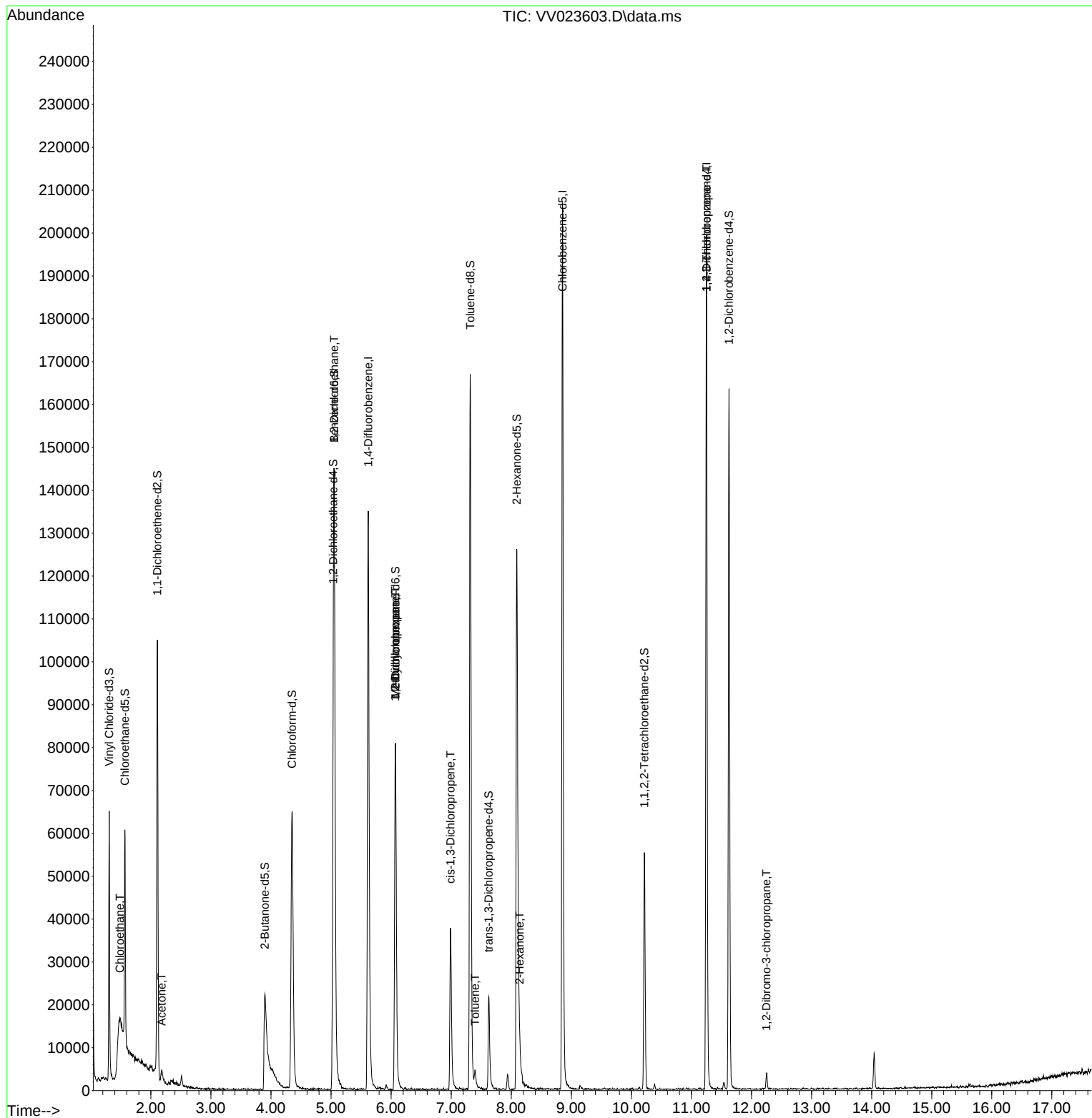
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119460	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	114836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54114	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37690	5.036	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.800%	
7) Chloroethane-d5	1.568	69	29570	4.848	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.000%	
11) 1,1-Dichloroethene-d2	2.108	63	51132	3.650	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.000%	
20) 2-Butanone-d5	3.899	46	52749	40.913	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	81.820%	
24) Chloroform-d	4.349	84	68534	4.297	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
26) 1,2-Dichloroethane-d4	5.037	65	32569	4.541	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
32) Benzene-d6	5.053	84	133162	4.519	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.072	67	37948	4.375	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.600%	
41) Toluene-d8	7.317	98	112172	4.063	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.200%	
43) trans-1,3-Dichloroprop...	7.625	79	13746	4.180	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.092	63	48575	40.142	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.280%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25561	4.098	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	42979	4.770	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.484	64	32071	5.619	ug/L #	53
13) Acetone	2.179	43	6375	8.092	ug/L	89
27) 1,2-Dichloroethane	5.053	62	802	0.096	ug/L #	72
35) Methylcyclohexane	6.072	83	9818	0.729	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4731	0.631	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1082	0.100	ug/L #	53
42) Toluene	7.397	91	3097	0.090	ug/L	82
48) 2-Hexanone	8.140	43	2338	0.960	ug/L #	73
61) 1,2,3-Trichloropropane	11.249	75	5633	1.567	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.246	75	164	0.214	ug/L #	1

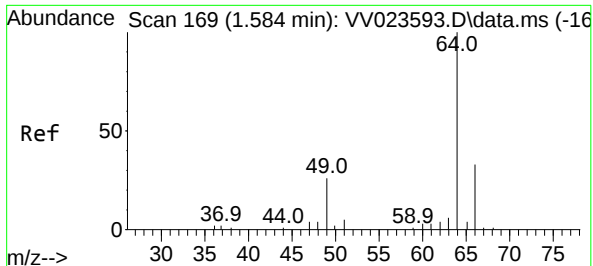
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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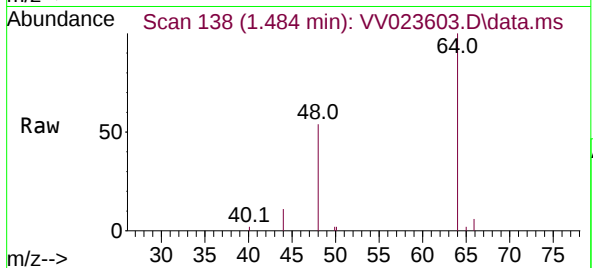
Quant Time: Nov 19 02:13:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
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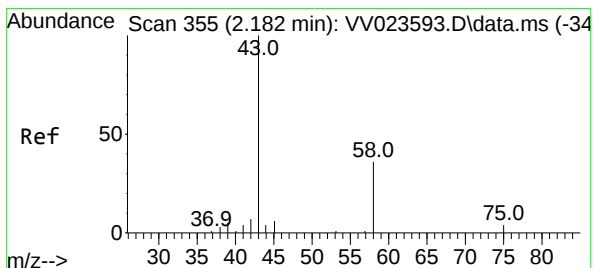
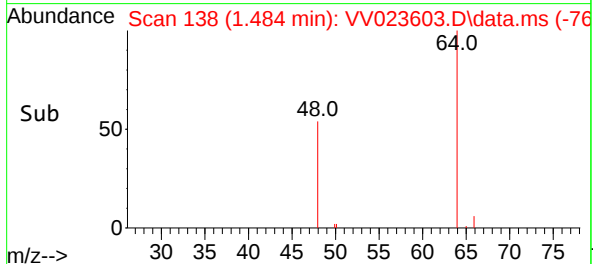
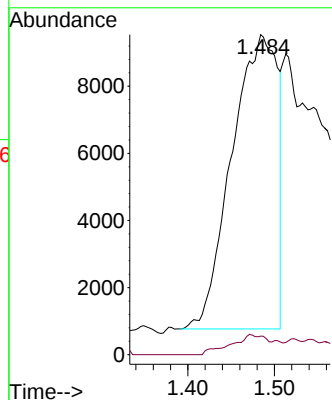


#8
Chloroethane
Concen: 5.619 ug/L
RT: 1.484 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV023603.D
Acq: 18 Nov 2021 14:48

Instrument :
MSVOA_V
ClientSampleId :

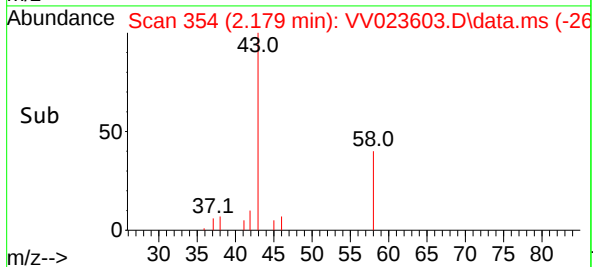
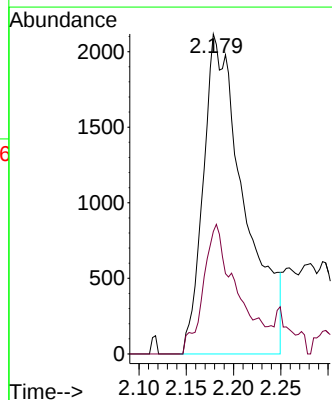
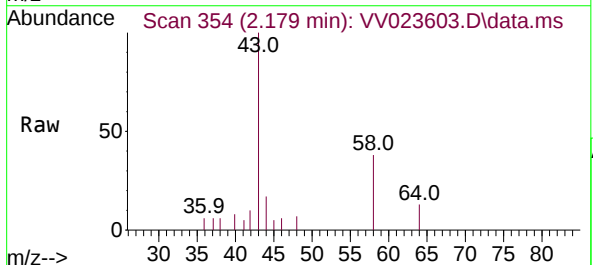


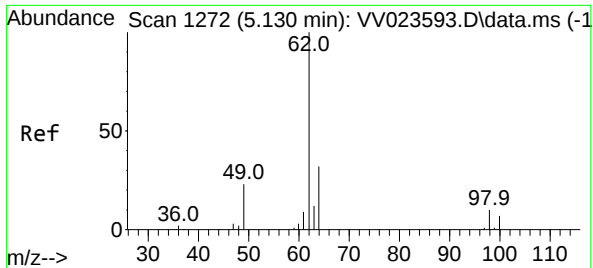
Tgt Ion: 64 Resp: 32071
Ion Ratio Lower Upper
64 100
66 5.8 22.1 41.1#



#13
Acetone
Concen: 8.092 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.003 min
Lab File: VV023603.D
Acq: 18 Nov 2021 14:48

Tgt Ion: 43 Resp: 6375
Ion Ratio Lower Upper
43 100
58 33.4 0.0 55.4





#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.053 min Scan# 1

Delta R.T. -0.077 min

Lab File: VV023603.D

Acq: 18 Nov 2021 14:48

Instrument :

MSVOA_V

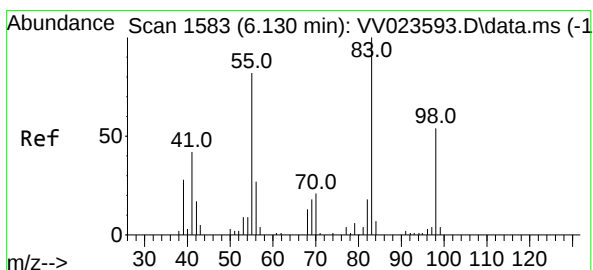
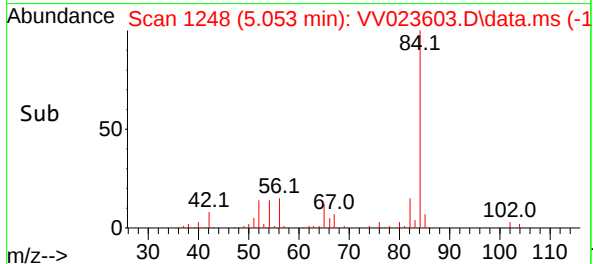
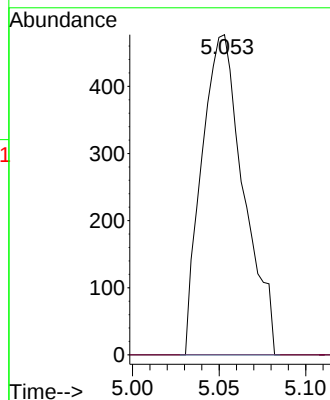
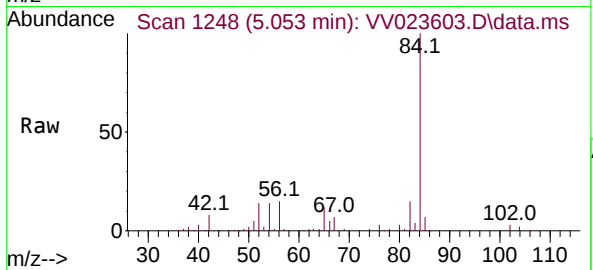
ClientSampleId :

Tgt Ion: 62 Resp: 802

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#35

Methylcyclohexane

Concen: 0.729 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023603.D

Acq: 18 Nov 2021 14:48

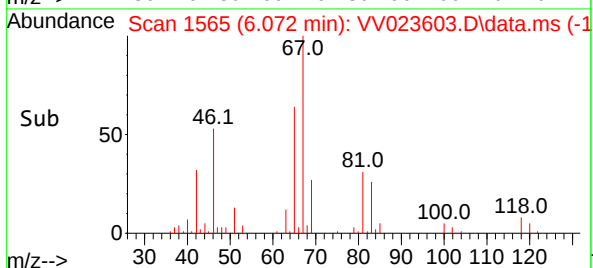
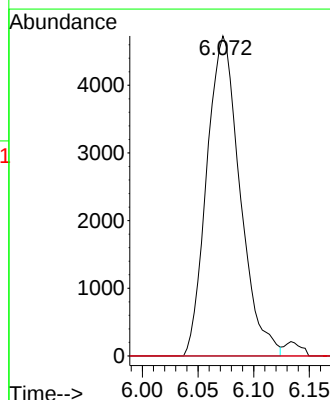
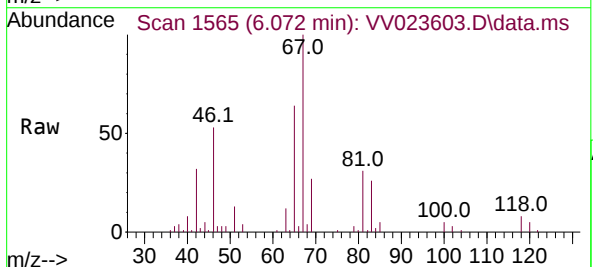
Tgt Ion: 83 Resp: 9818

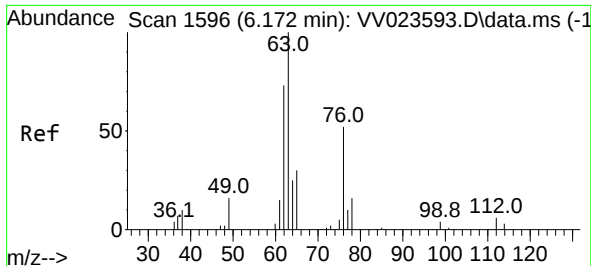
Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 1.7 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.631 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV023603.D

Acq: 18 Nov 2021 14:48

Instrument :

MSVOA_V

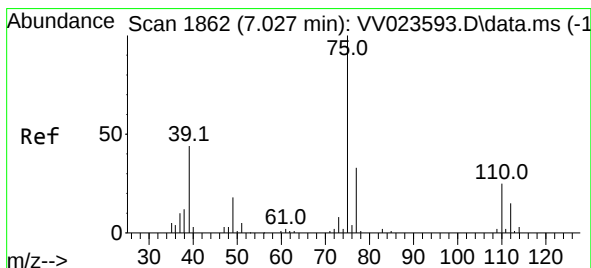
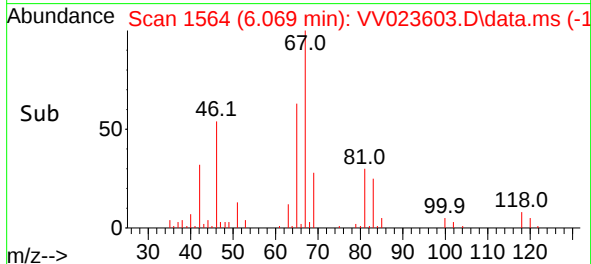
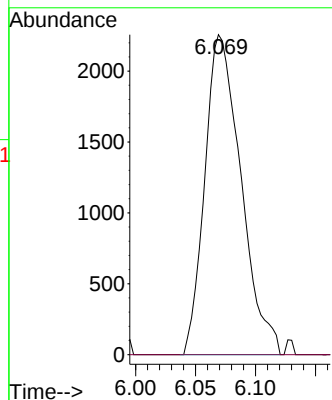
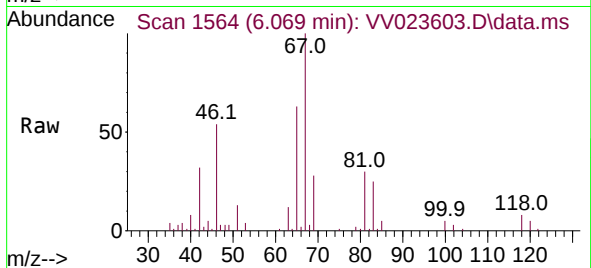
ClientSampleId :

Tgt Ion: 63 Resp: 4731

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.038 min

Lab File: VV023603.D

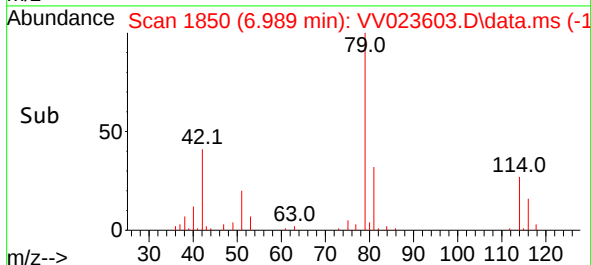
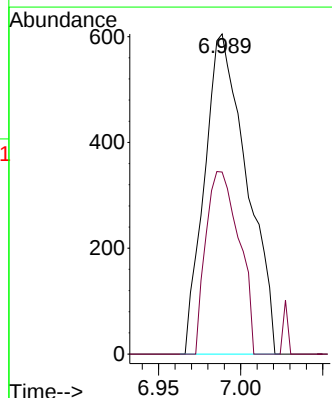
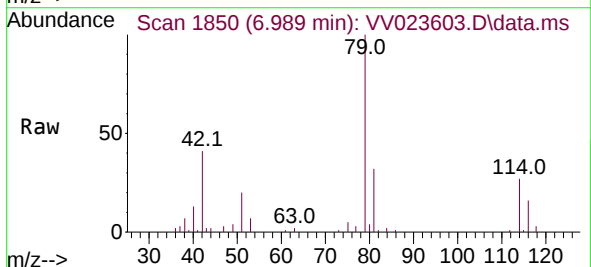
Acq: 18 Nov 2021 14:48

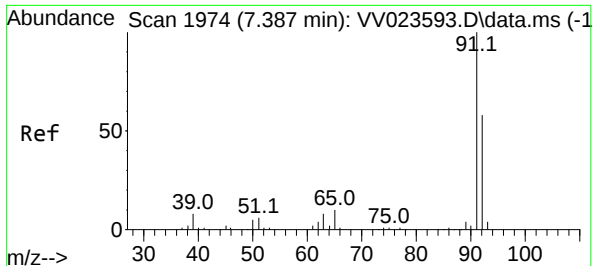
Tgt Ion: 75 Resp: 1082

Ion Ratio Lower Upper

75 100

77 56.9 21.6 40.2#





#42

Toluene

Concen: 0.090 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV023603.D

Acq: 18 Nov 2021 14:48

Instrument :

MSVOA_V

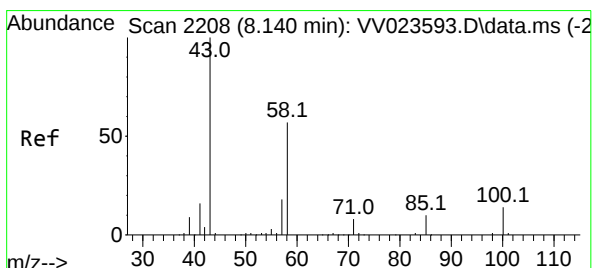
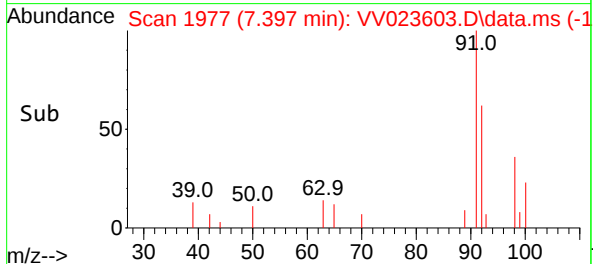
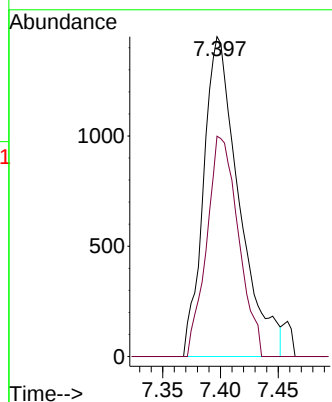
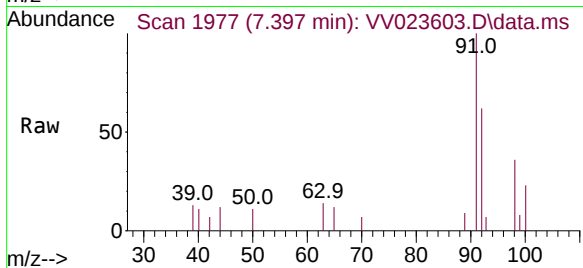
ClientSampleId :

Tgt Ion: 91 Resp: 3097

Ion Ratio Lower Upper

91 100

92 68.9 39.3 72.9



#48

2-Hexanone

Concen: 0.960 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VV023603.D

Acq: 18 Nov 2021 14:48

Tgt Ion: 43 Resp: 2338

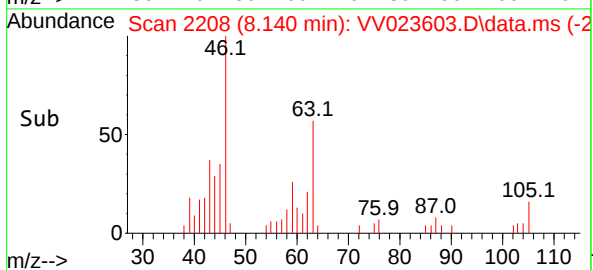
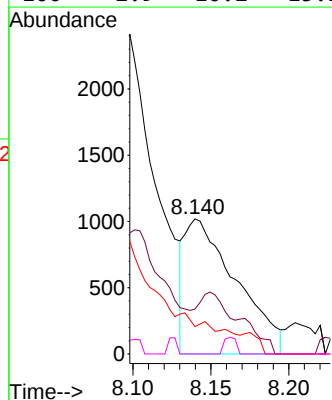
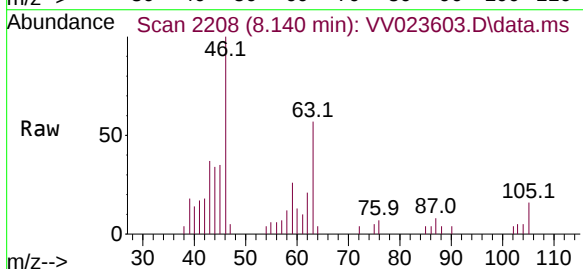
Ion Ratio Lower Upper

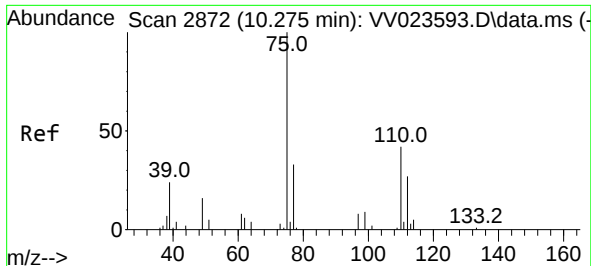
43 100

58 38.0 43.7 65.5#

57 0.0 14.1 21.1#

100 2.9 10.2 15.2#

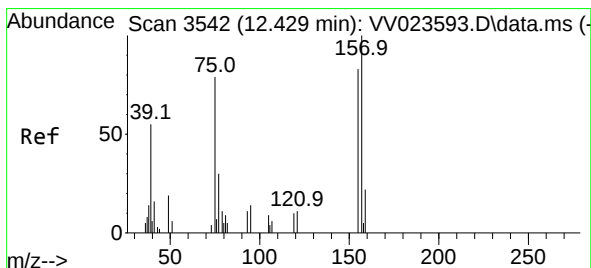
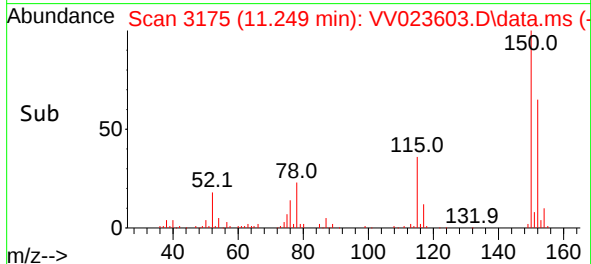
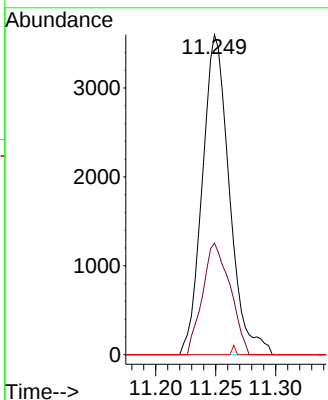
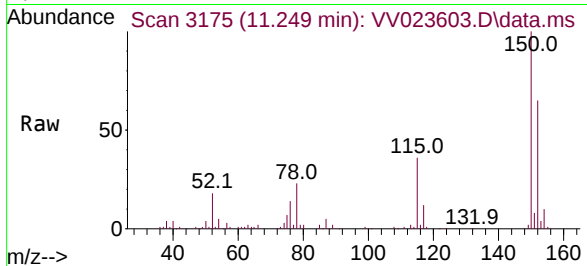




#61
1,2,3-Trichloropropane
Concen: 1.567 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023603.D
Acq: 18 Nov 2021 14:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 5633
Ion Ratio Lower Upper
75 100
77 35.6 26.6 39.8
110 0.4 31.8 47.6#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.214 ug/L
RT: 12.246 min Scan# 3485
Delta R.T. -0.183 min
Lab File: VV023603.D
Acq: 18 Nov 2021 14:48

Tgt Ion: 75 Resp: 164
Ion Ratio Lower Upper
75 100
155 0.0 67.7 101.5#
157 0.0 87.9 131.9#

