

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
 Data File : VV023159.D
 Acq On : 02 Nov 2021 19:54
 Operator : SY/MD
 Sample : M4400-22
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 23:34:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 23:31:16 2021
 Response via : Initial Calibration

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

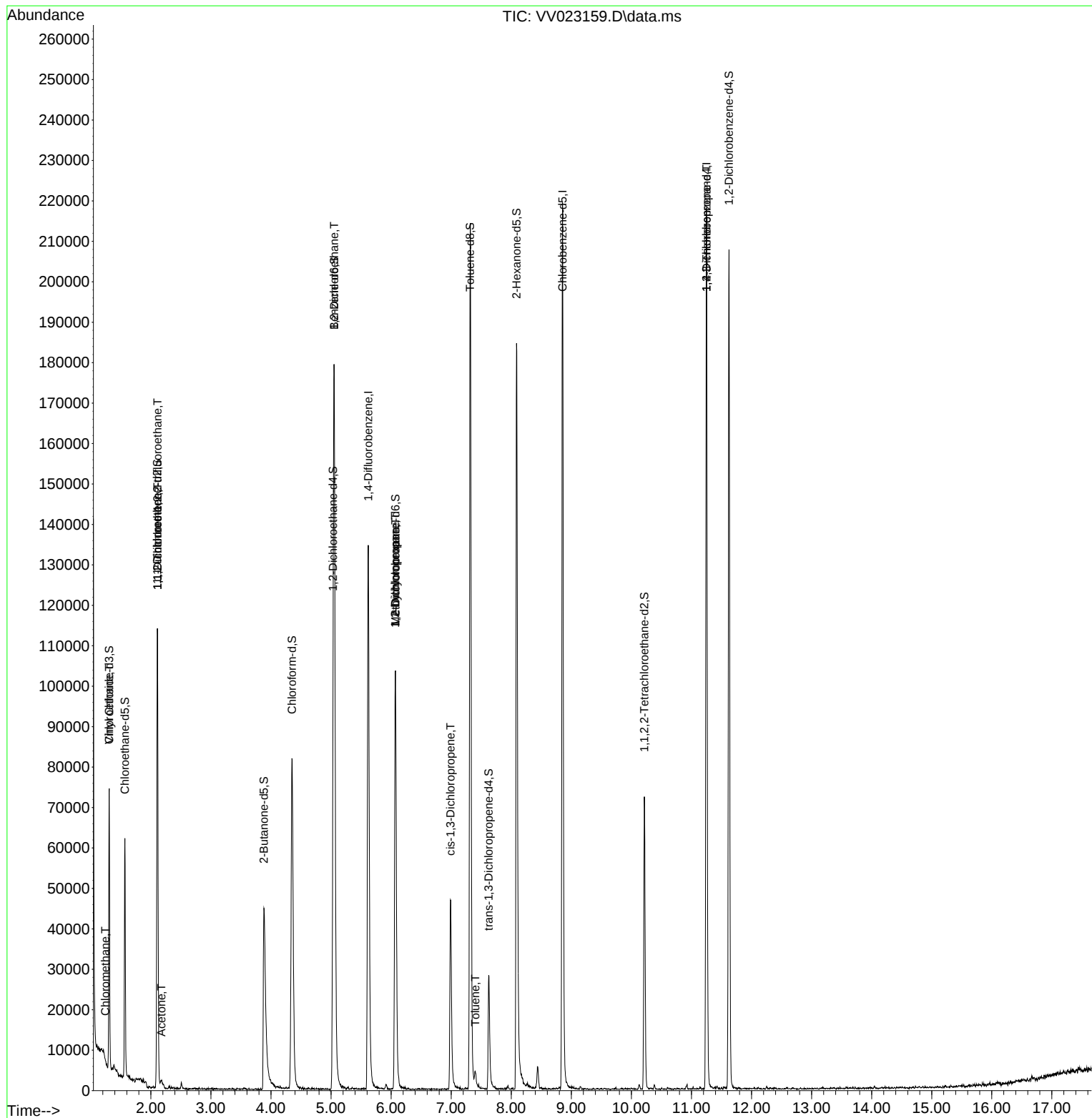
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121554	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123780	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43152	4.063	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.200%	
7) Chloroethane-d5	1.568	69	34305	5.221	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.400%	
11) 1,1-Dichloroethene-d2	2.108	63	59643	3.892	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.800%	
20) 2-Butanone-d5	3.883	46	75386	44.244	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.480%	
24) Chloroform-d	4.349	84	85234	4.936	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4	5.034	65	39355	4.835	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.600%	
32) Benzene-d6	5.053	84	166005	4.594	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
36) 1,2-Dichloropropane-d6	6.072	67	49944	4.489	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.800%	
41) Toluene-d8	7.317	98	144190	4.442	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	7.625	79	16912	4.339	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.088	63	62317	43.183	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.360%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33042	4.302	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	54207	5.240	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	484	0.058	ug/L #	73
8) Chloroethane	1.307	64	859	0.191	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	743	0.112	ug/L #	18
12) 1,1-Dichloroethene	2.111	96	527	0.085	ug/L #	1
13) Acetone	2.175	43	2614	3.127	ug/L	98
27) 1,2-Dichloroethane	5.053	62	1167	0.137	ug/L #	72
35) Methylcyclohexane	6.072	83	12710	1.061	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5832	0.695	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1221	0.117	ug/L #	60
42) Toluene	7.400	91	2999	0.089	ug/L	91
61) 1,2,3-Trichloropropane	11.249	75	6375	1.562	ug/L #	64

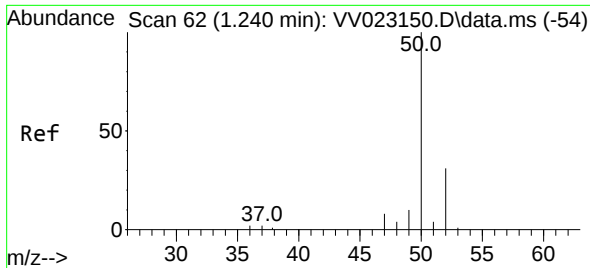
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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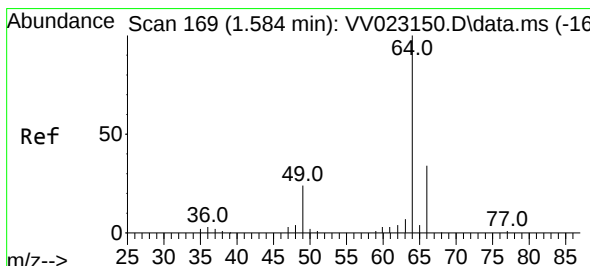
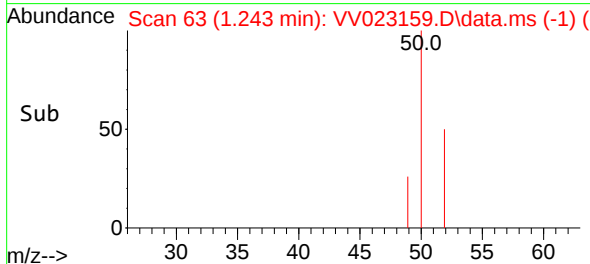
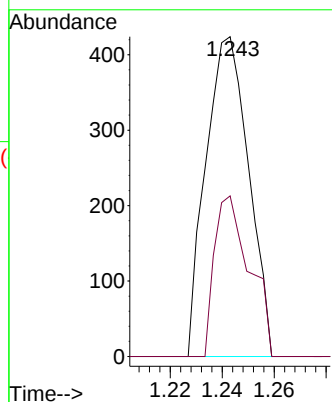
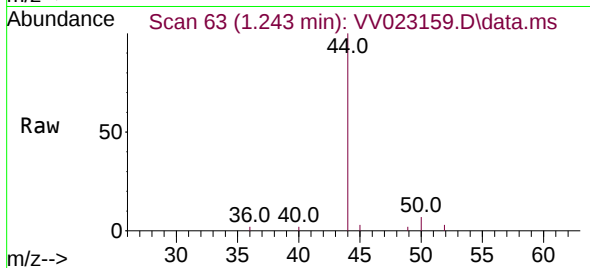




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023159.D
Acq: 02 Nov 2021 19:54

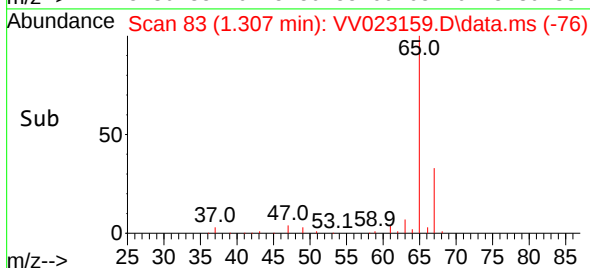
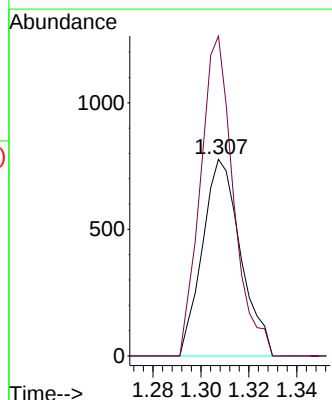
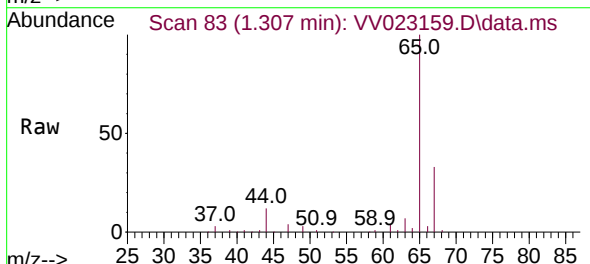
Instrument :
MSVOA_V
ClientSampleId :

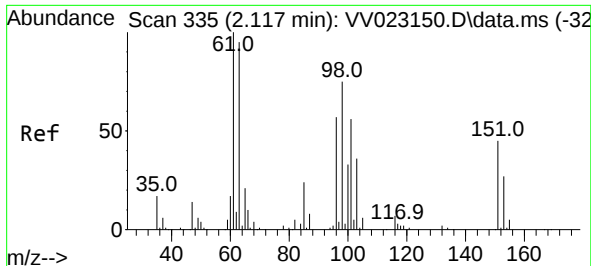
Tgt Ion: 50 Resp: 484
Ion Ratio Lower Upper
50 100
52 50.2 24.3 45.1#



#8
Chloroethane
Concen: 0.191 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.276 min
Lab File: VV023159.D
Acq: 02 Nov 2021 19:54

Tgt Ion: 64 Resp: 859
Ion Ratio Lower Upper
64 100
66 162.7 22.1 41.1#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.112 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.006 min

Lab File: VV023159.D

Acq: 02 Nov 2021 19:54

Instrument :

MSVOA_V

ClientSampleId :

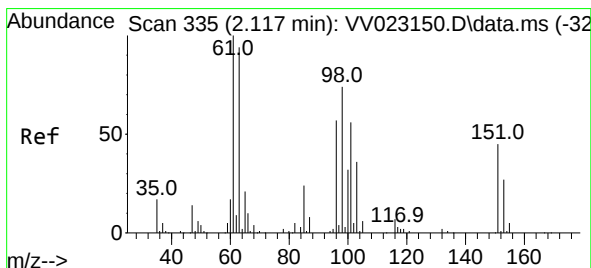
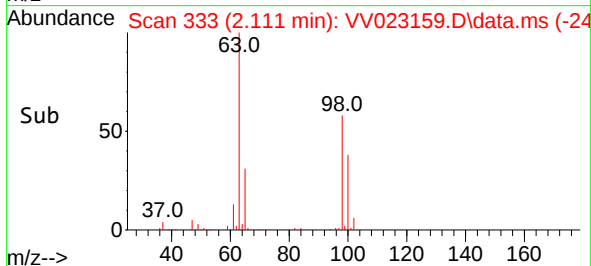
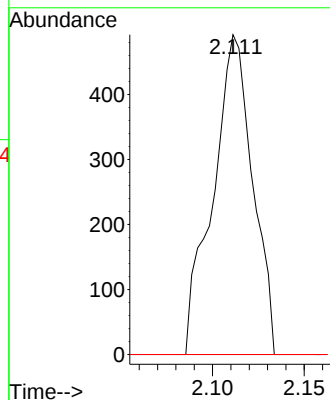
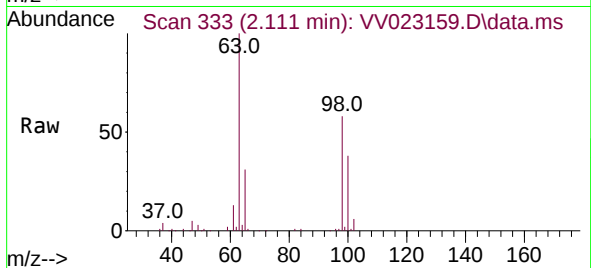
Tgt Ion:101 Resp: 743

Ion Ratio Lower Upper

101 100

85 0.0 35.3 52.9#

151 0.0 62.2 93.2#



#12

1,1-Dichloroethene

Concen: 0.085 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.006 min

Lab File: VV023159.D

Acq: 02 Nov 2021 19:54

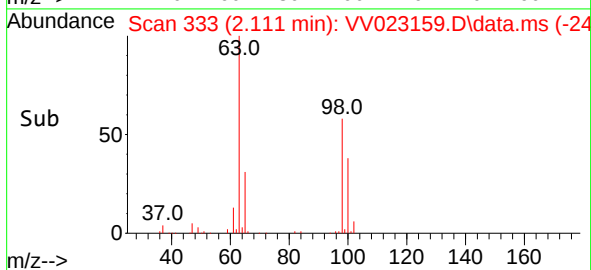
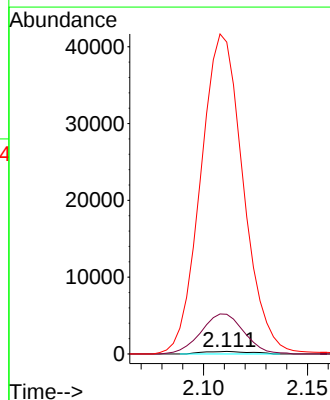
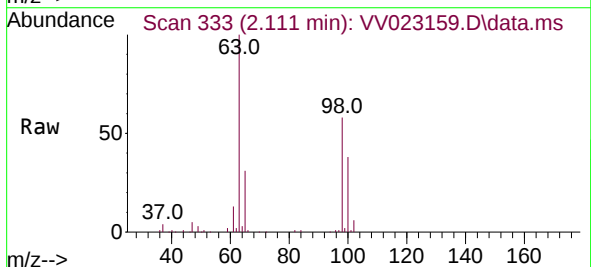
Tgt Ion: 96 Resp: 527

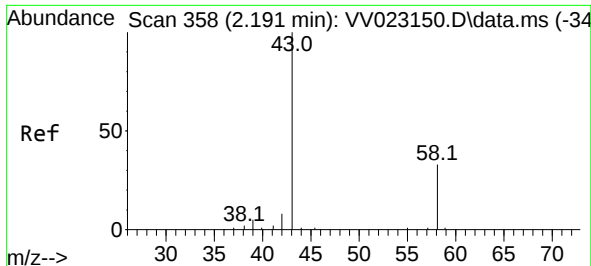
Ion Ratio Lower Upper

96 100

61 1591.7 121.5 225.7#

63 12528.4 99.6 185.0#





#13

Acetone

Concen: 3.127 ug/L

RT: 2.175 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV023159.D

Acq: 02 Nov 2021 19:54

Instrument :

MSVOA_V

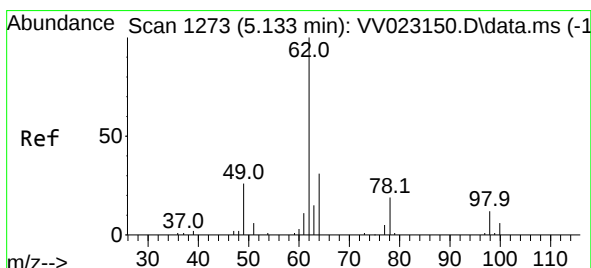
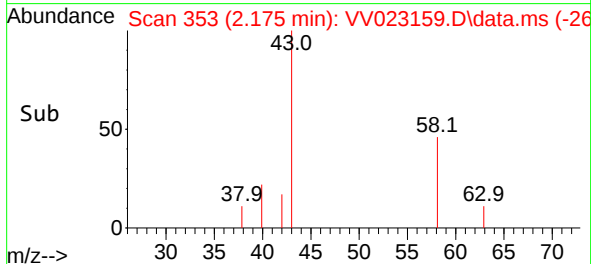
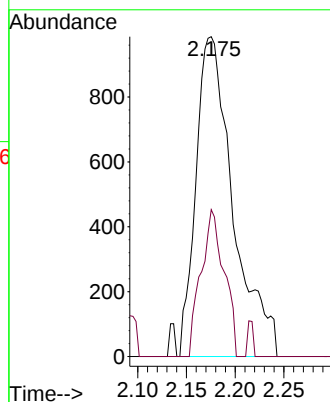
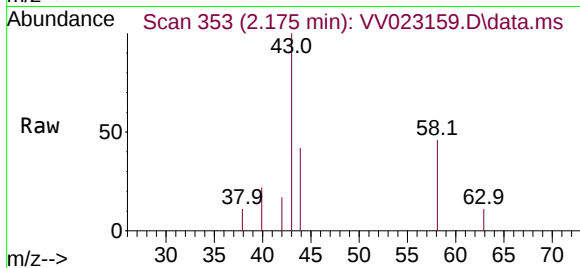
ClientSampleId :

Tgt Ion: 43 Resp: 2614

Ion Ratio Lower Upper

43 100

58 28.6 0.0 55.4



#27

1,2-Dichloroethane

Concen: 0.137 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.080 min

Lab File: VV023159.D

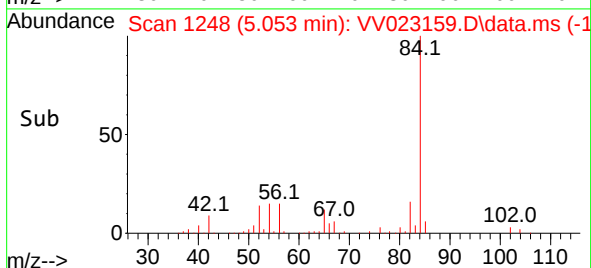
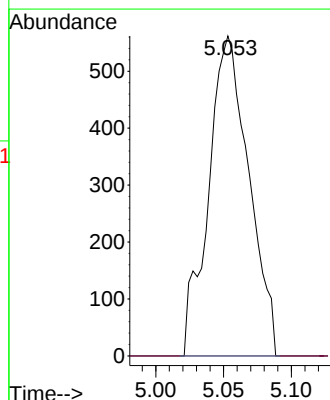
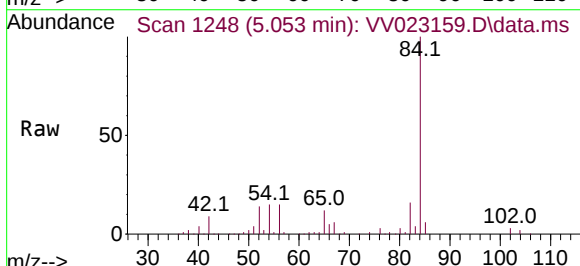
Acq: 02 Nov 2021 19:54

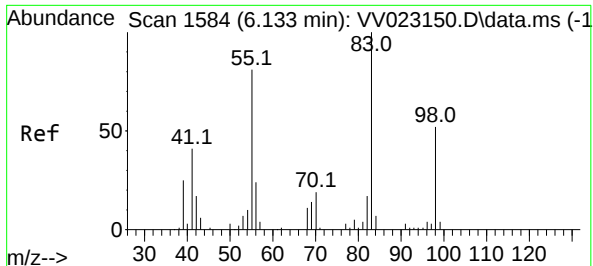
Tgt Ion: 62 Resp: 1167

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#

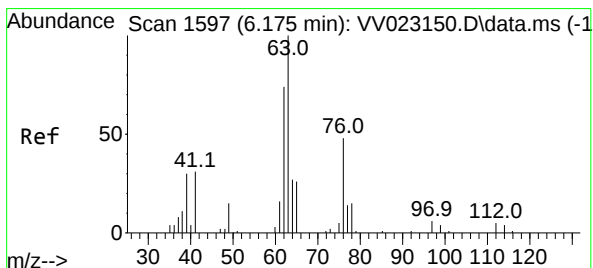
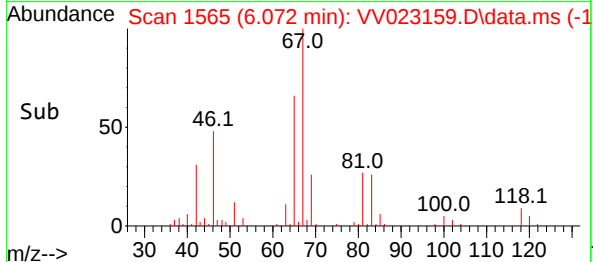
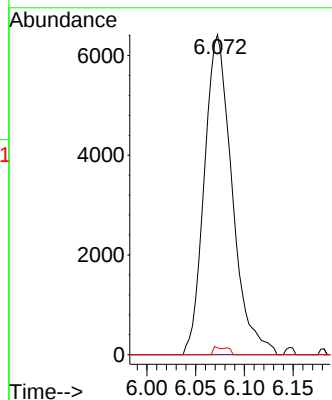
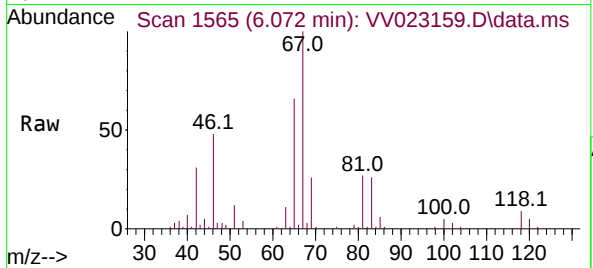




#35
Methylcyclohexane
Concen: 1.061 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023159.D
Acq: 02 Nov 2021 19:54

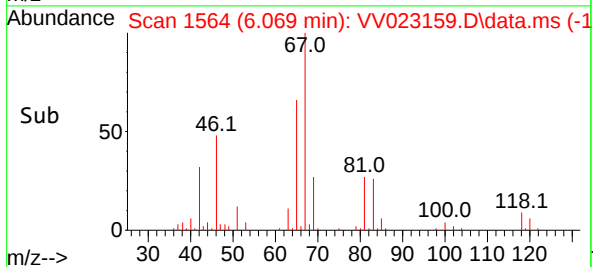
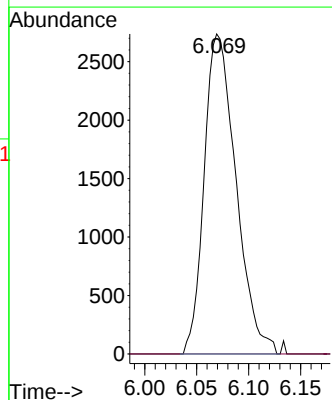
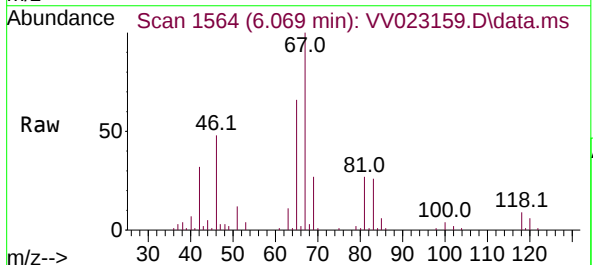
Instrument :
MSVOA_V
ClientSampleId :

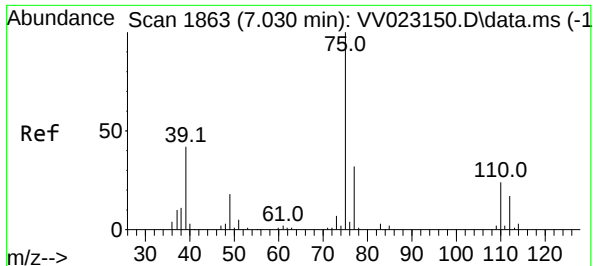
Tgt Ion: 83 Resp: 12710
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 0.6 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.695 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV023159.D
Acq: 02 Nov 2021 19:54

Tgt Ion: 63 Resp: 5832
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 6.989 min Scan# 1863

Delta R.T. -0.042 min

Lab File: VV023159.D

Acq: 02 Nov 2021 19:54

Instrument :

MSVOA_V

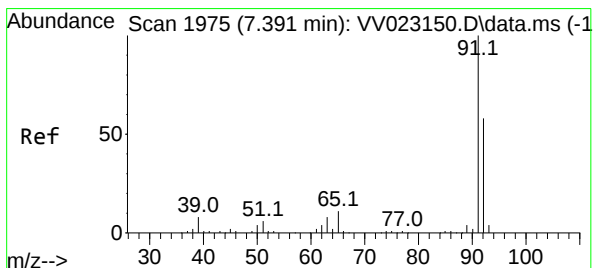
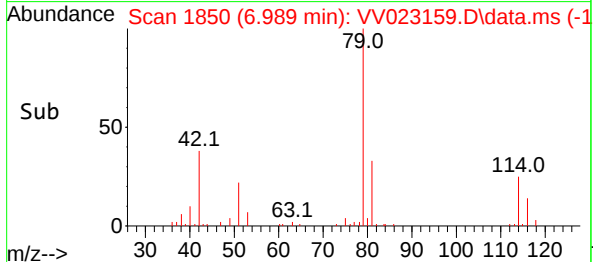
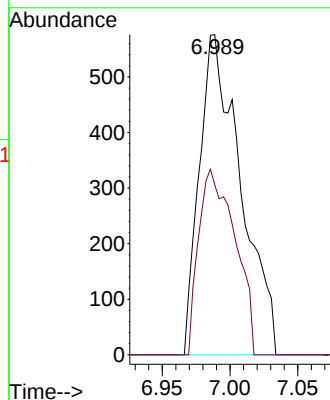
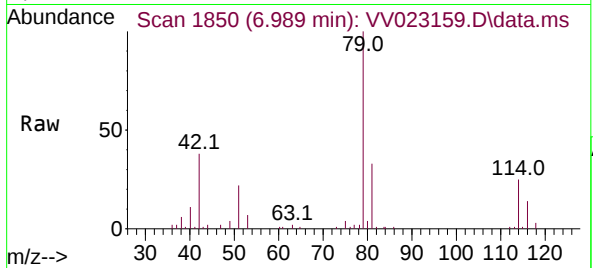
ClientSampleId :

Tgt Ion: 75 Resp: 1221

Ion Ratio Lower Upper

75 100

77 53.1 21.6 40.2#



#42

Toluene

Concen: 0.089 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.010 min

Lab File: VV023159.D

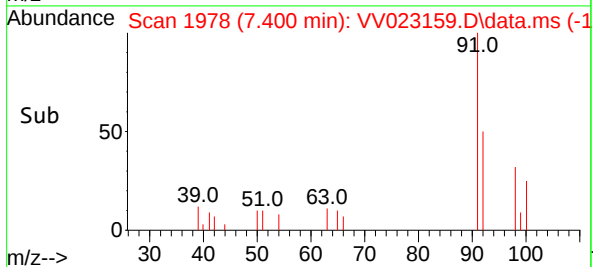
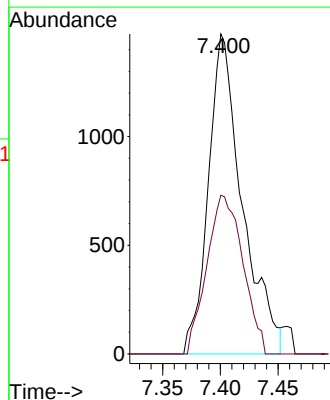
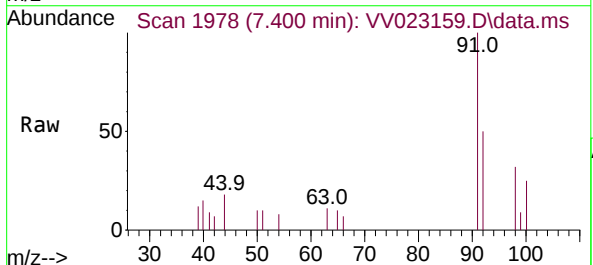
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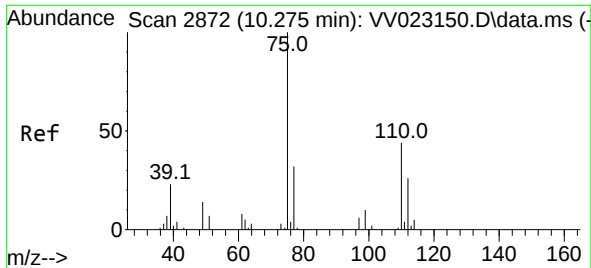
Tgt Ion: 91 Resp: 2999

Ion Ratio Lower Upper

91 100

92 49.6 39.3 72.9





#61

1,2,3-Trichloropropane

Concen: 1.562 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

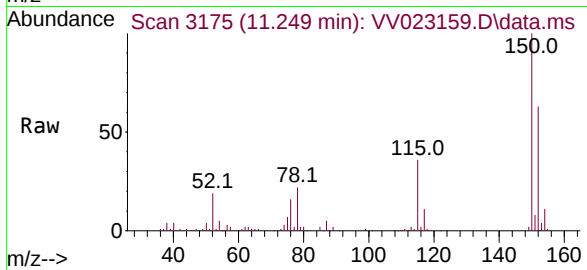
Lab File: VV023159.D

Acq: 02 Nov 2021 19:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6375

Ion Ratio Lower Upper

75 100

77 31.2 26.6 39.8

110 1.2 31.8 47.6#

