

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
 Data File : VV023162.D
 Acq On : 02 Nov 2021 21:04
 Operator : SY/MD
 Sample : M4412-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 23:34:45 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)

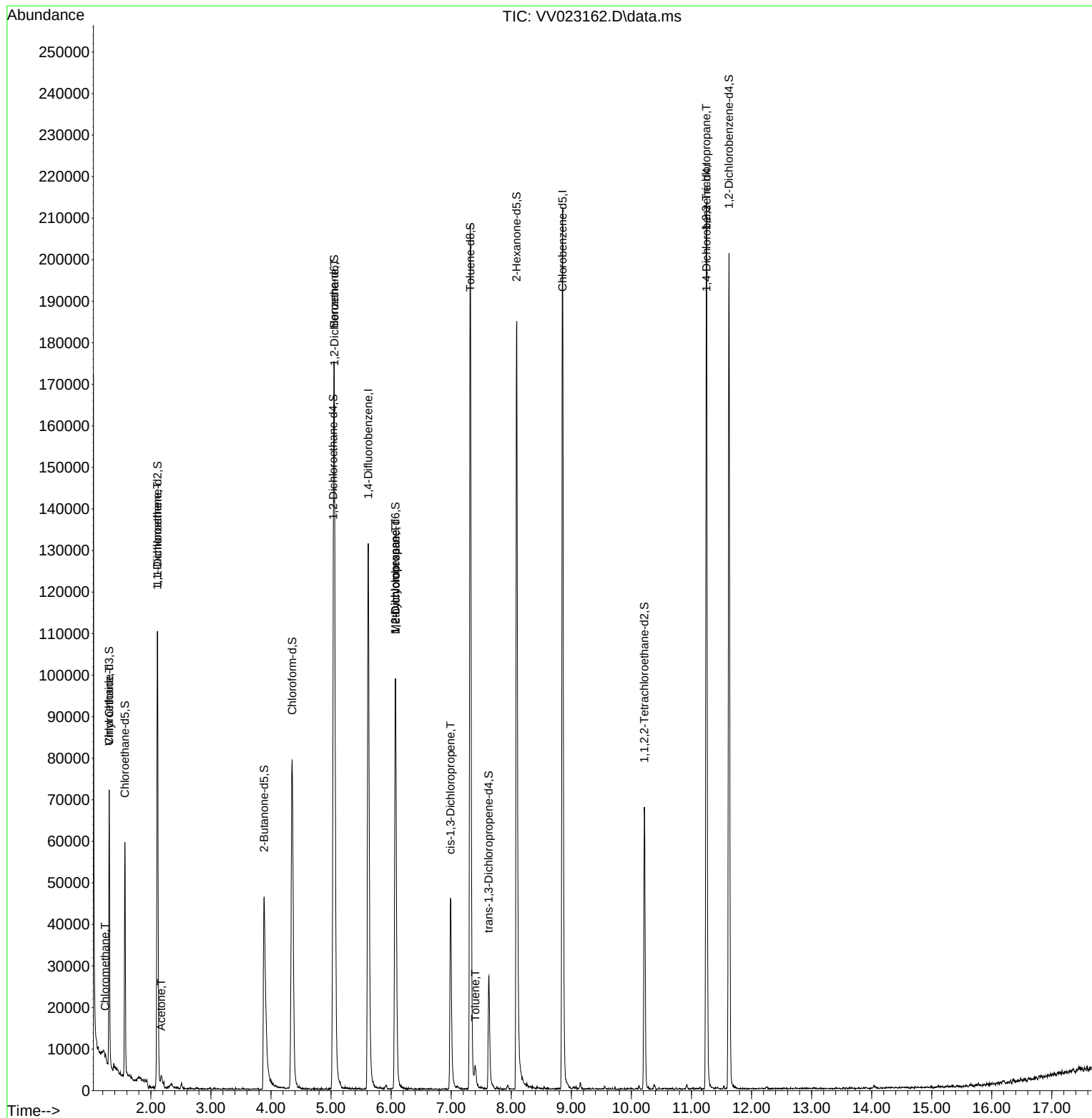
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117890	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119510	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57952	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41581	4.036	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.800%	
7) Chloroethane-d5	1.568	69	33888	5.318	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.400%	
11) 1,1-Dichloroethene-d2	2.111	63	57964	3.900	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.000%	
20) 2-Butanone-d5	3.886	46	75911	45.937	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.880%	
24) Chloroform-d	4.352	84	84133	5.024	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
26) 1,2-Dichloroethane-d4	5.037	65	38735	4.907	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.200%	
32) Benzene-d6	5.053	84	159484	4.571	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	6.072	67	47914	4.461	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.200%	
41) Toluene-d8	7.320	98	138756	4.427	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.600%	
43) trans-1,3-Dichloroprop...	7.625	79	15800	4.198	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.000%	
46) 2-Hexanone-d5	8.088	63	62135	44.595	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.200%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31969	4.311	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	51477	4.978	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.600%	
Target Compounds						
3) Chloromethane	1.240	50	471	0.058	ug/L	98
8) Chloroethane	1.307	64	563	0.129	ug/L #	1
12) 1,1-Dichloroethene	2.108	96	495	0.082	ug/L #	1
13) Acetone	2.172	43	3686	4.546	ug/L	94
27) 1,2-Dichloroethane	5.056	62	953	0.116	ug/L #	72
35) Methylcyclohexane	6.072	83	11836	1.023	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5515	0.680	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1262	0.125	ug/L #	83
42) Toluene	7.400	91	4229	0.130	ug/L	94
61) 1,2,3-Trichloropropane	11.246	75	6435	1.578	ug/L #	65

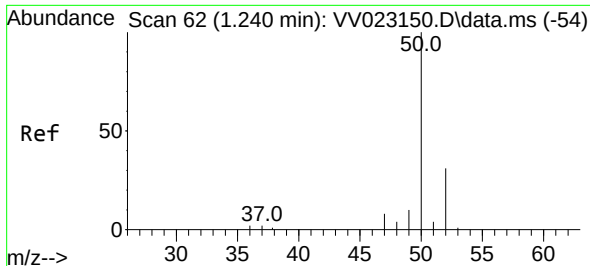
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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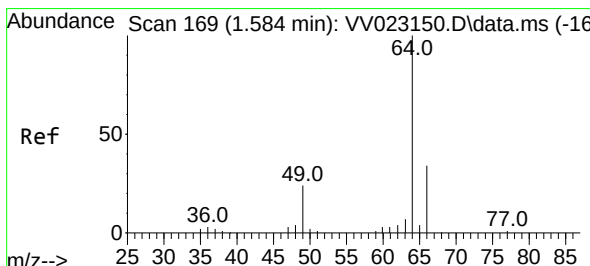
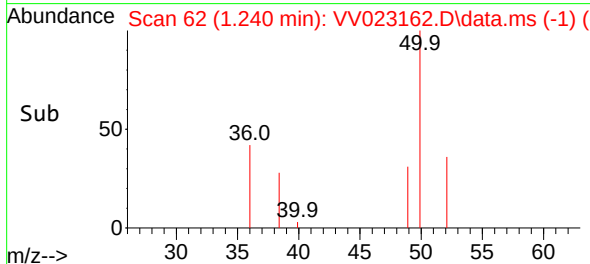
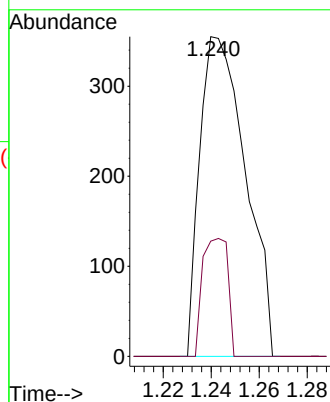
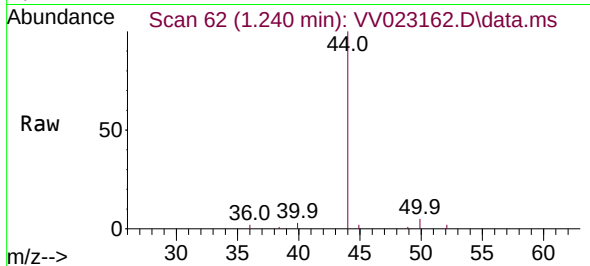




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023162.D
Acq: 02 Nov 2021 21:04

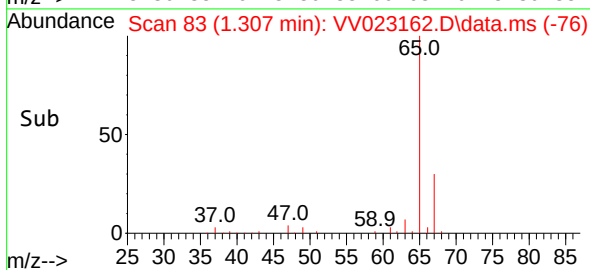
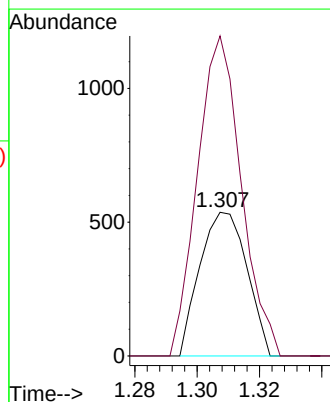
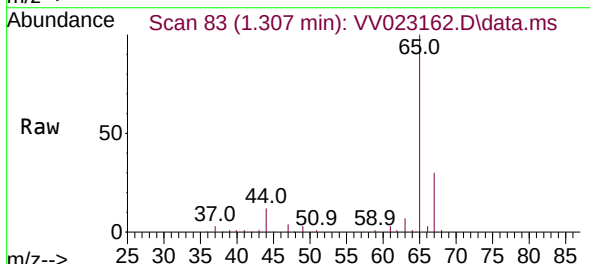
Instrument :
MSVOA_V
ClientSampleId :

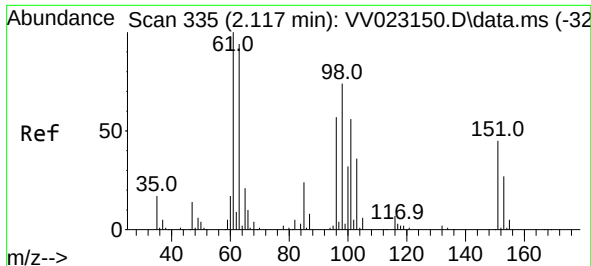
Tgt Ion: 50 Resp: 471
Ion Ratio Lower Upper
50 100
52 36.1 24.3 45.1



#8
Chloroethane
Concen: 0.129 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.276 min
Lab File: VV023162.D
Acq: 02 Nov 2021 21:04

Tgt Ion: 64 Resp: 563
Ion Ratio Lower Upper
64 100
66 222.7 22.1 41.1#





#12

1,1-Dichloroethene

Concen: 0.082 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.010 min

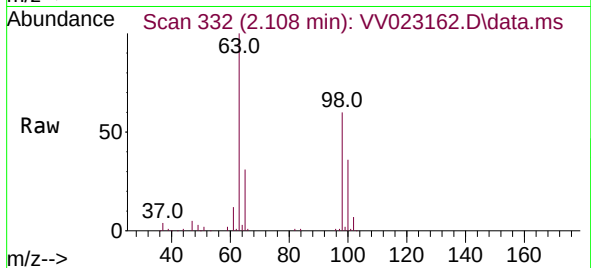
Lab File: VV023162.D

Acq: 02 Nov 2021 21:04

Instrument :

MSVOA_V

ClientSampleId :



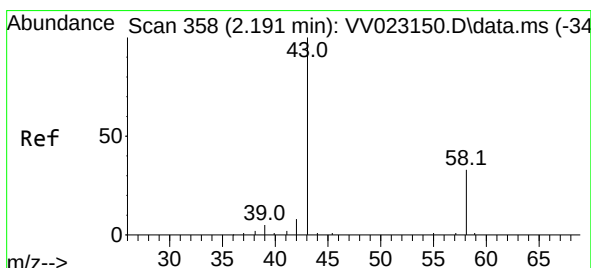
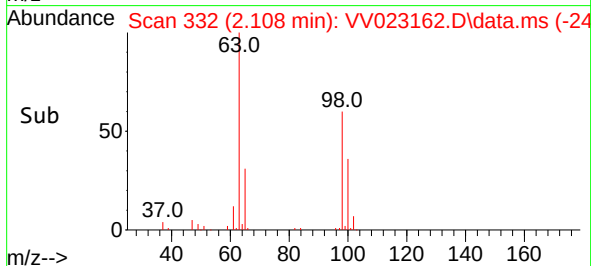
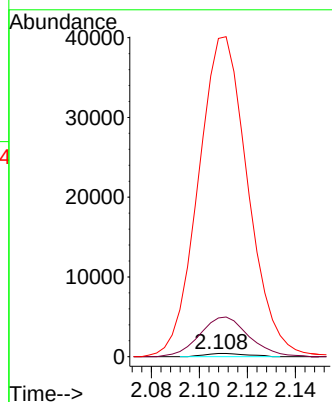
Tgt Ion: 96 Resp: 495

Ion Ratio Lower Upper

96 100

61 1224.4 121.5 225.7#

63 10051.4 99.6 185.0#



#13

Acetone

Concen: 4.546 ug/L

RT: 2.172 min Scan# 352

Delta R.T. -0.019 min

Lab File: VV023162.D

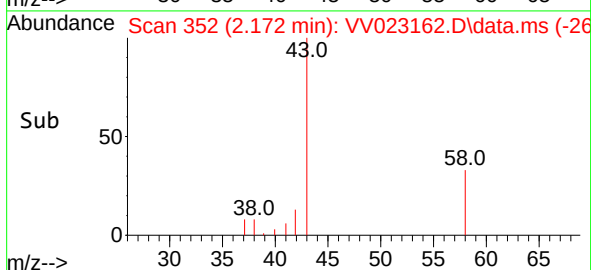
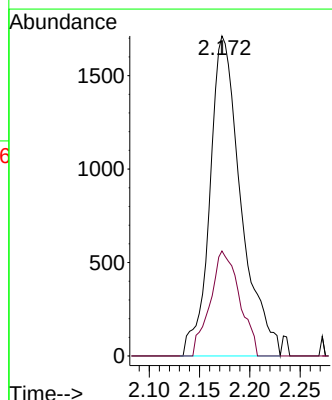
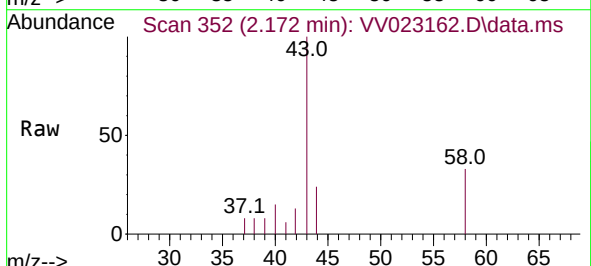
Acq: 02 Nov 2021 21:04

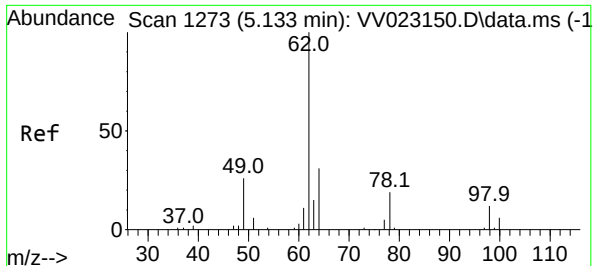
Tgt Ion: 43 Resp: 3686

Ion Ratio Lower Upper

43 100

58 31.0 0.0 55.4





#27

1,2-Dichloroethane

Concen: 0.116 ug/L

RT: 5.056 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV023162.D

Acq: 02 Nov 2021 21:04

Instrument :

MSVOA_V

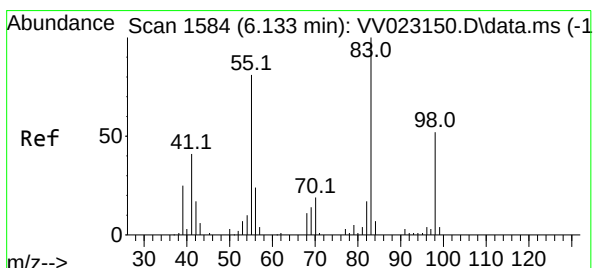
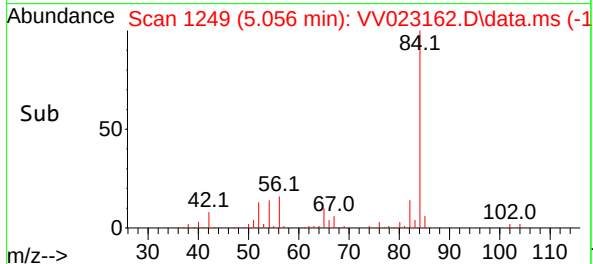
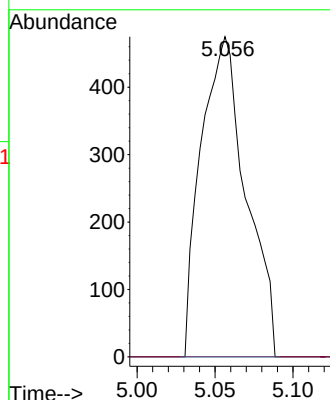
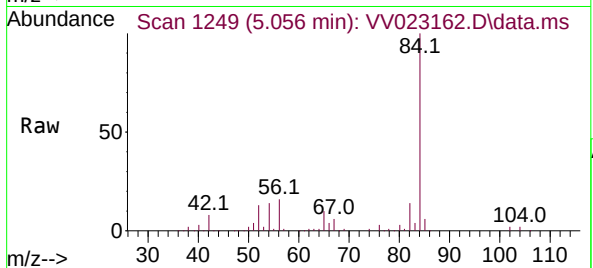
ClientSampleId :

Tgt Ion: 62 Resp: 953

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#35

Methylcyclohexane

Concen: 1.023 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV023162.D

Acq: 02 Nov 2021 21:04

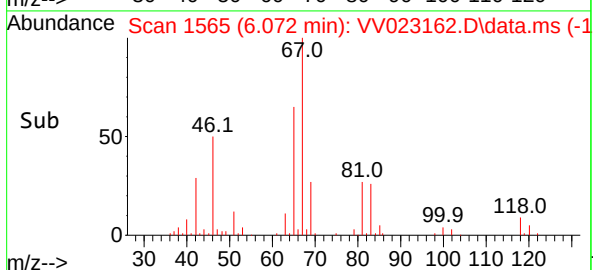
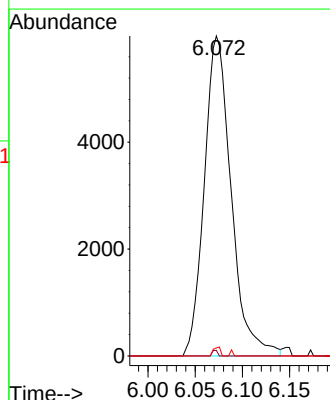
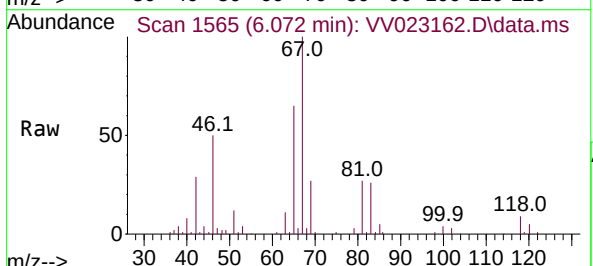
Tgt Ion: 83 Resp: 11836

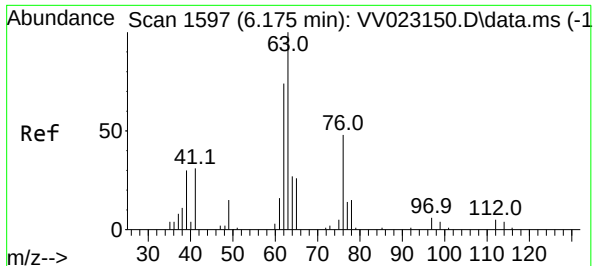
Ion Ratio Lower Upper

83 100

55 0.3 62.8 94.2#

98 0.7 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.680 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV023162.D

Acq: 02 Nov 2021 21:04

Instrument :

MSVOA_V

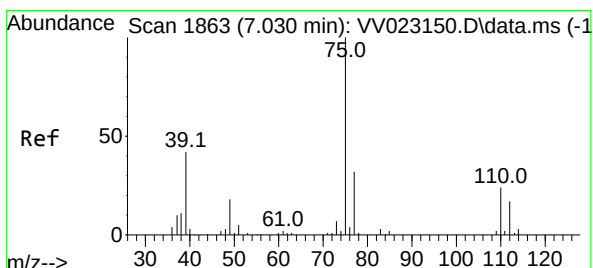
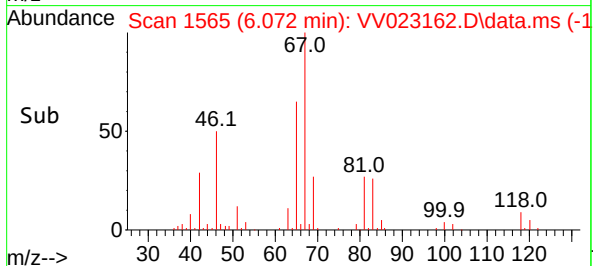
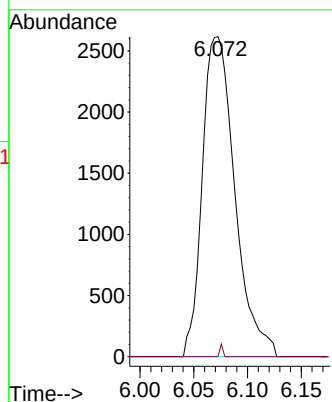
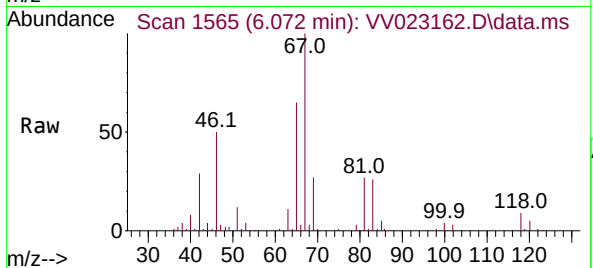
ClientSampleId :

Tgt Ion: 63 Resp: 5515

Ion Ratio Lower Upper

63 100

112 0.4 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.125 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV023162.D

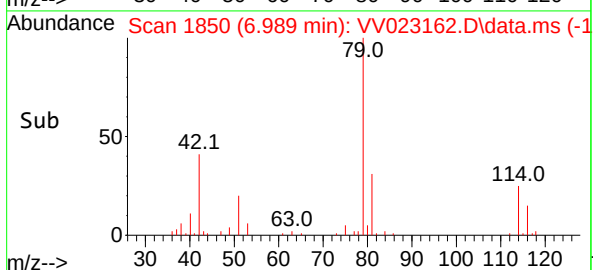
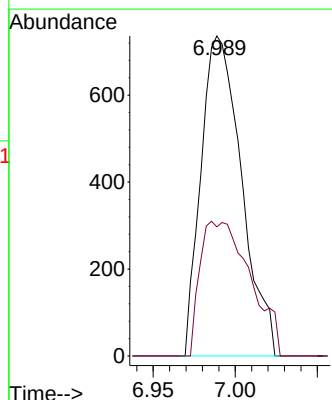
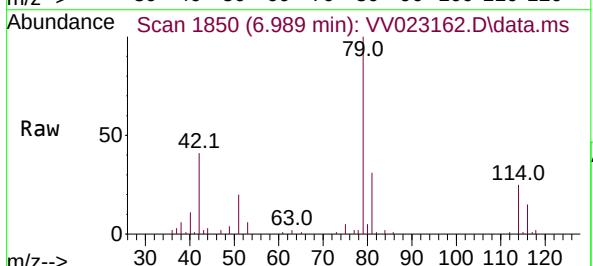
Acq: 02 Nov 2021 21:04

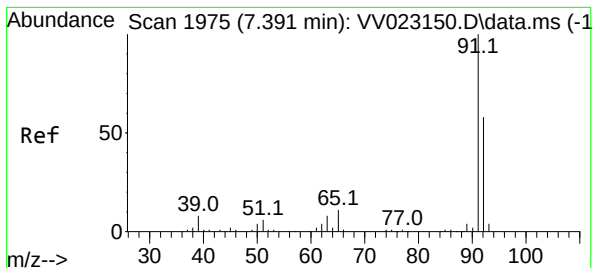
Tgt Ion: 75 Resp: 1262

Ion Ratio Lower Upper

75 100

77 40.4 21.6 40.2#





#42

Toluene

Concen: 0.130 ug/L

RT: 7.400 min Scan# 1975

Delta R.T. 0.010 min

Lab File: VV023162.D

Acq: 02 Nov 2021 21:04

Instrument :

MSVOA_V

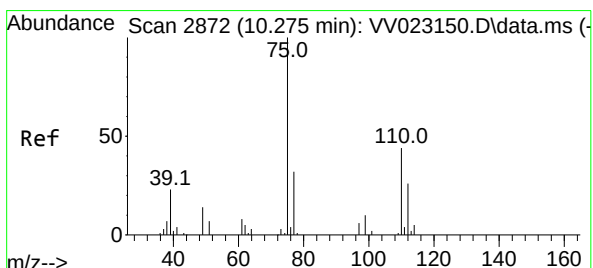
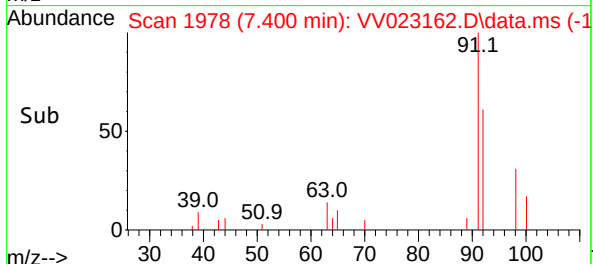
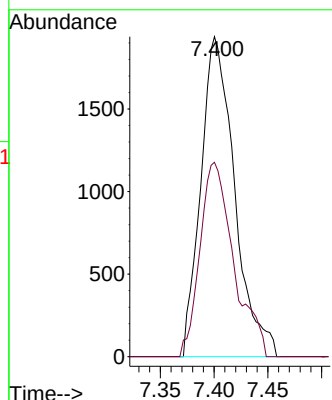
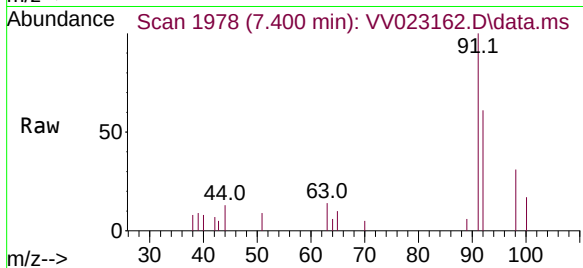
ClientSampleId :

Tgt Ion: 91 Resp: 4229

Ion Ratio Lower Upper

91 100

92 60.7 39.3 72.9



#61

1,2,3-Trichloropropane

Concen: 1.578 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV023162.D

Acq: 02 Nov 2021 21:04

Tgt Ion: 75 Resp: 6435

Ion Ratio Lower Upper

75 100

77 29.5 26.6 39.8

110 4.0 31.8 47.6

