

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102721\
 Data File : VW023067.D
 Acq On : 27 Oct 2021 18:46
 Operator : SY/MD
 Sample : M4364-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG328

Quant Time: Oct 28 01:48:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 01:43:46 2021
 Response via : Initial Calibration

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

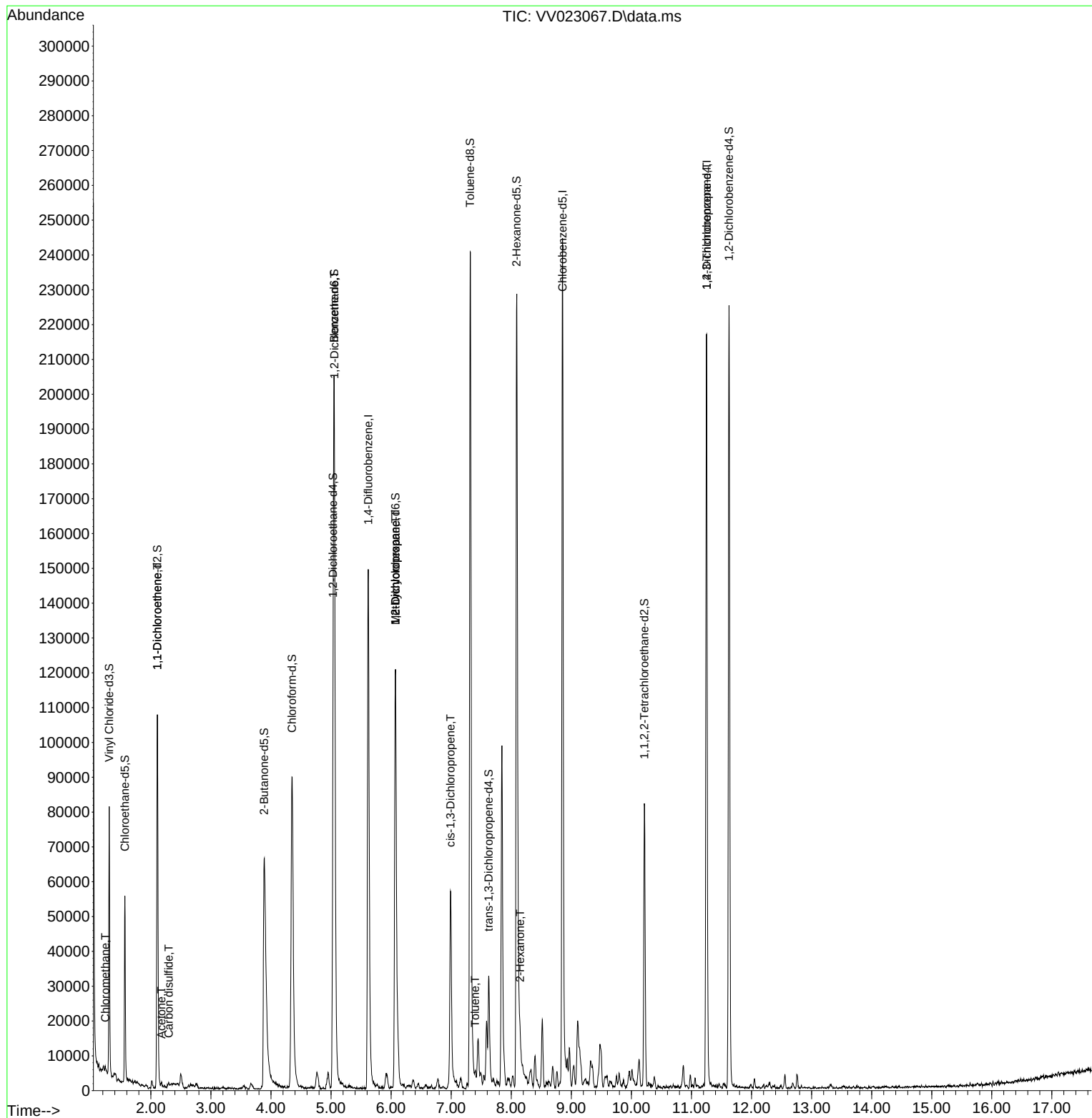
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130435	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	136292	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	59353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46447	4.075	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.600%	
7) Chloroethane-d5	1.567	69	30516	4.328	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.600%	
11) 1,1-Dichloroethene-d2	2.108	63	54228	3.298	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.000%	
20) 2-Butanone-d5	3.886	46	103529	56.624	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.240%	
24) Chloroform-d	4.349	84	96192	5.191	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
26) 1,2-Dichloroethane-d4	5.034	65	45854	5.250	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	5.053	84	188023	4.725	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	6.072	67	60695	4.955	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.200%	
41) Toluene-d8	7.316	98	161599	4.521	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
43) trans-1,3-Dichloroprop...	7.625	79	17426	4.060	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.200%	
46) 2-Hexanone-d5	8.088	63	74551	46.918	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.840%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40018	4.731	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	60804	5.742	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.800%	
Target Compounds						Qvalue
3) Chloromethane	1.243	50	1022	0.114	ug/L	98
12) 1,1-Dichloroethene	2.108	96	473	0.071	ug/L #	1
13) Acetone	2.175	43	1418	1.581	ug/L	86
14) Carbon disulfide	2.297	76	1030	0.057	ug/L #	75
27) 1,2-Dichloroethane	5.056	62	905	0.099	ug/L #	72
35) Methylcyclohexane	6.072	83	16850	1.277	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6259	0.677	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1325	0.115	ug/L #	23
42) Toluene	7.397	91	3049	0.082	ug/L	93
48) 2-Hexanone	8.146	43	7216	2.234	ug/L #	76
61) 1,2,3-Trichloropropane	11.252	75	6677	1.598	ug/L #	63

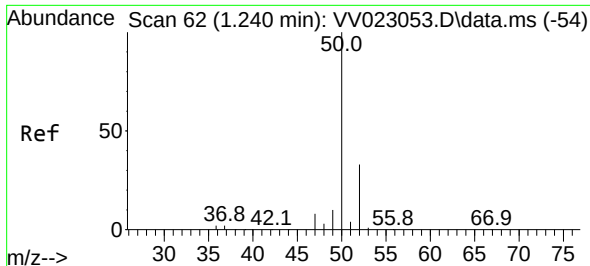
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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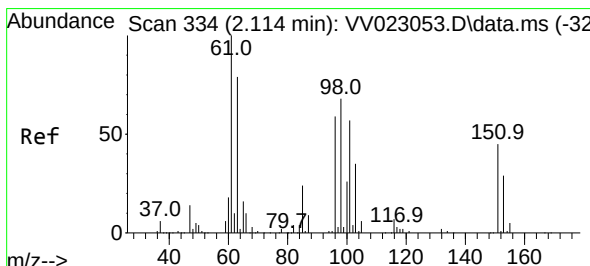
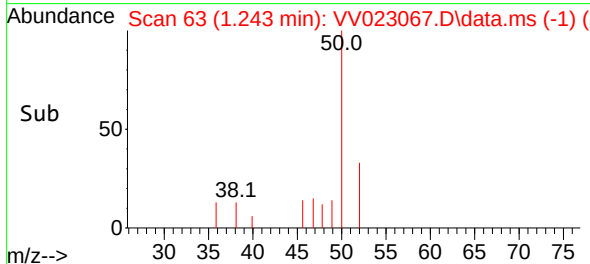
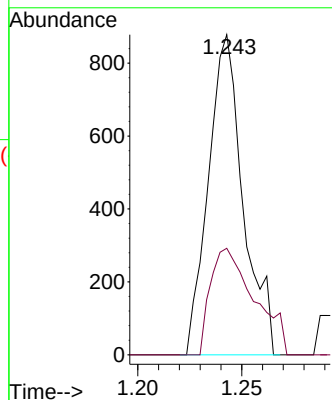
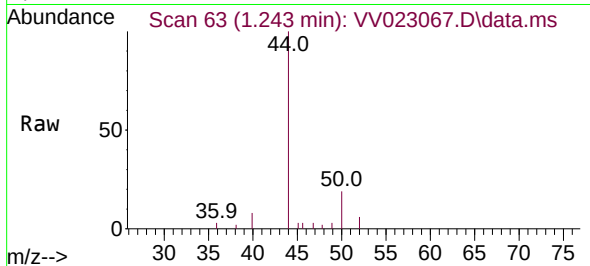




#3
Chloromethane
Concen: 0.114 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023067.D
Acq: 27 Oct 2021 18:46

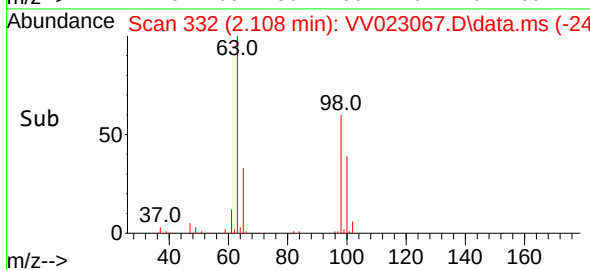
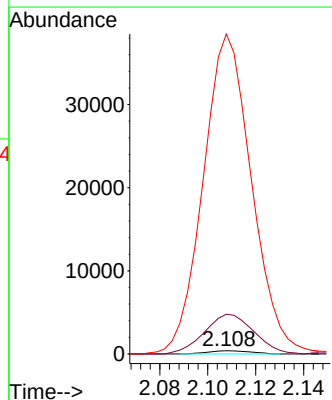
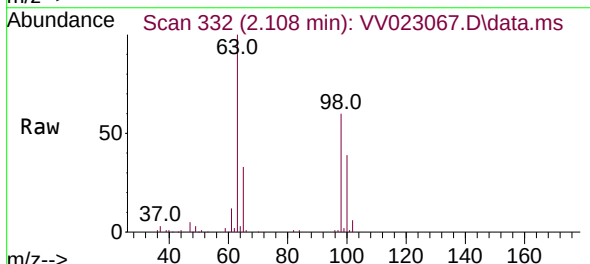
Instrument :
MSVOA_V
ClientSampleId :
BG328

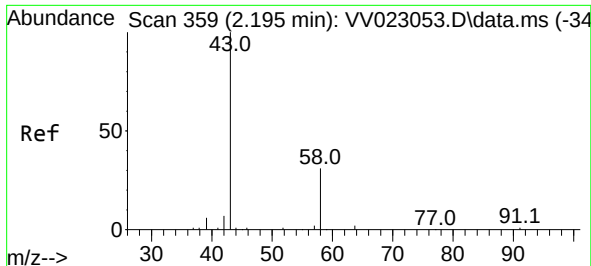
Tgt Ion: 50 Resp: 1022
Ion Ratio Lower Upper
50 100
52 33.3 24.3 45.1



#12
1,1-Dichloroethene
Concen: 0.071 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.007 min
Lab File: VV023067.D
Acq: 27 Oct 2021 18:46

Tgt Ion: 96 Resp: 473
Ion Ratio Lower Upper
96 100
61 1246.5 121.5 225.7#
63 10051.2 99.6 185.0#

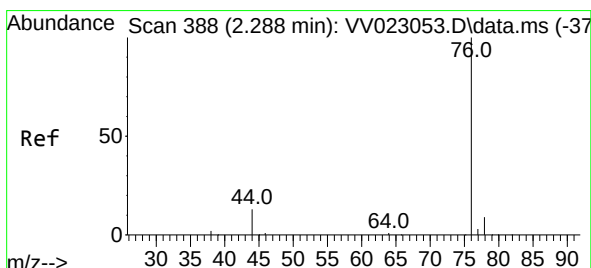
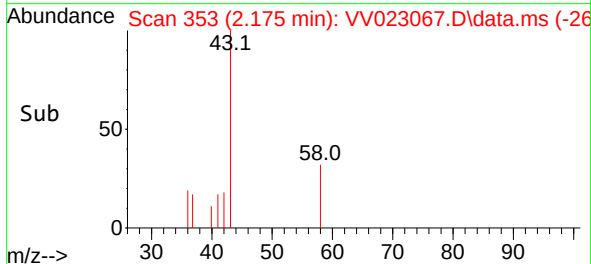
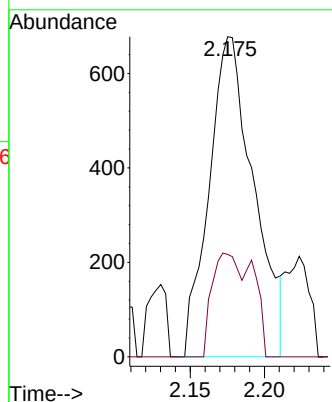
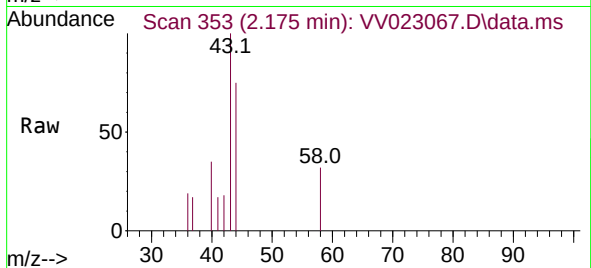




#13
Acetone
Concen: 1.581 ug/L
RT: 2.175 min Scan# 311
Delta R.T. -0.019 min
Lab File: VV023067.D
Acq: 27 Oct 2021 18:46

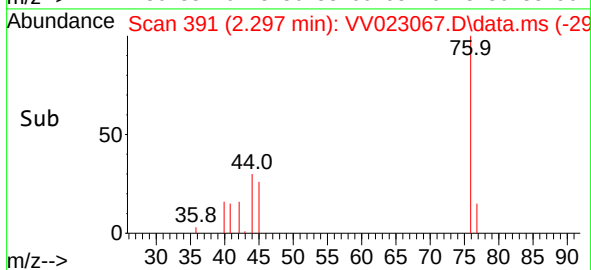
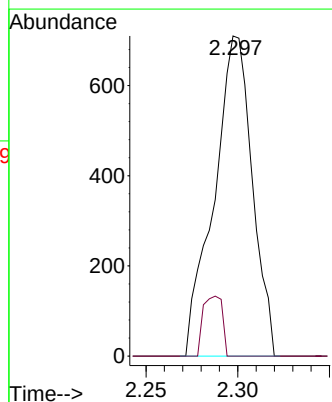
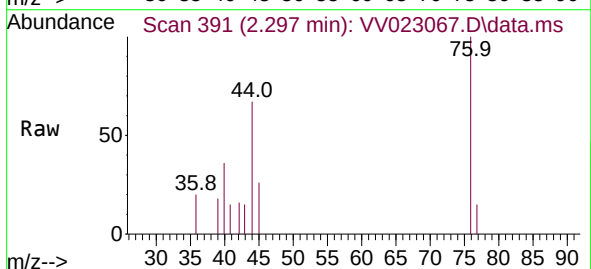
Instrument :
MSVOA_V
ClientSampleId :
BG328

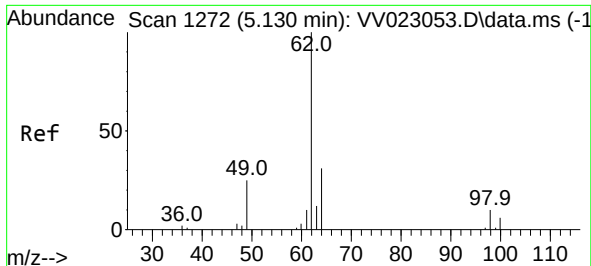
Tgt Ion: 43 Resp: 1418
Ion Ratio Lower Upper
43 100
58 20.2 0.0 55.4



#14
Carbon disulfide
Concen: 0.057 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.010 min
Lab File: VV023067.D
Acq: 27 Oct 2021 18:46

Tgt Ion: 76 Resp: 1030
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#27

1,2-Dichloroethane

Concen: 0.099 ug/L

RT: 5.056 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV023067.D

Acq: 27 Oct 2021 18:46

Instrument :

MSVOA_V

ClientSampleId :

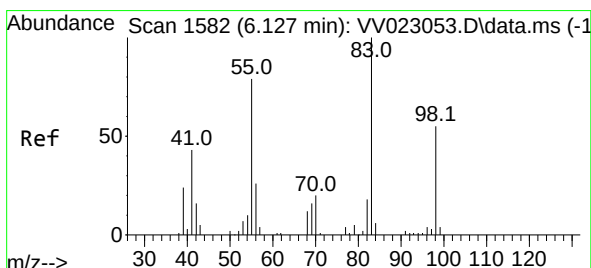
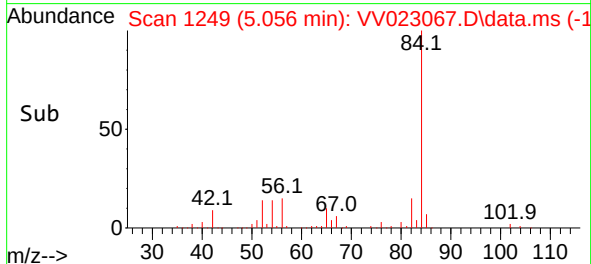
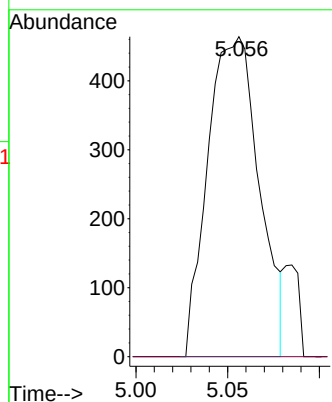
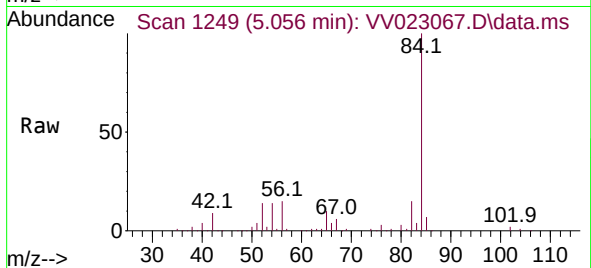
BG328

Tgt Ion: 62 Resp: 905

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#35

Methylcyclohexane

Concen: 1.277 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023067.D

Acq: 27 Oct 2021 18:46

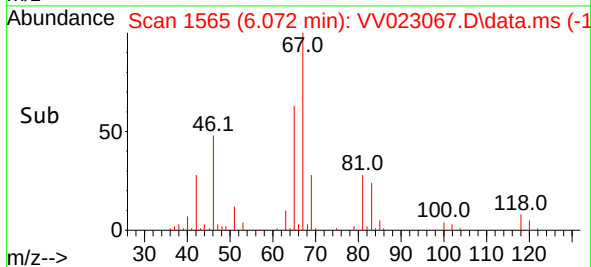
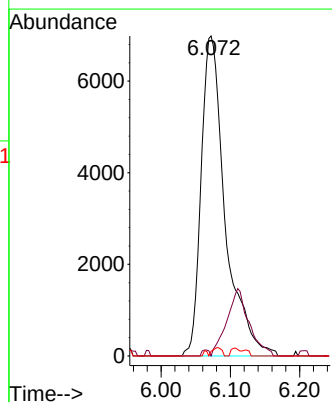
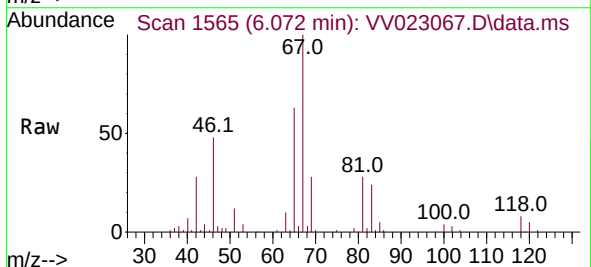
Tgt Ion: 83 Resp: 16850

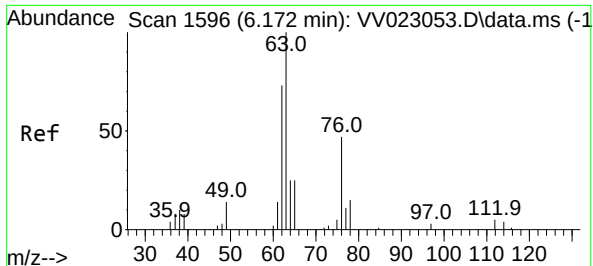
Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 1.0 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.677 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023067.D

Acq: 27 Oct 2021 18:46

Instrument :

MSVOA_V

ClientSampleId :

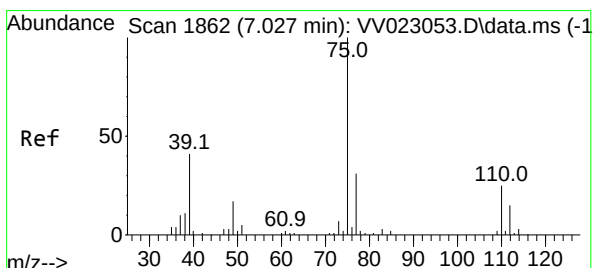
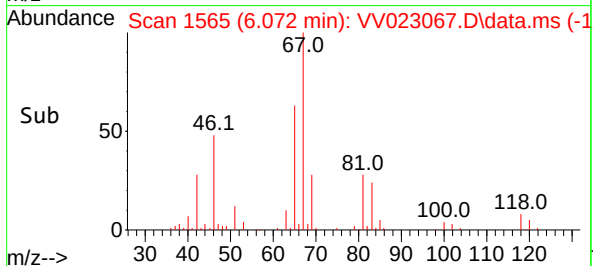
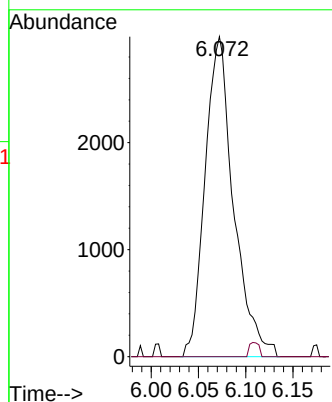
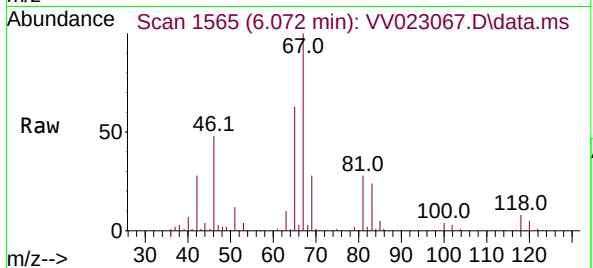
BG328

Tgt Ion: 63 Resp: 6259

Ion Ratio Lower Upper

63 100

112 1.5 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV023067.D

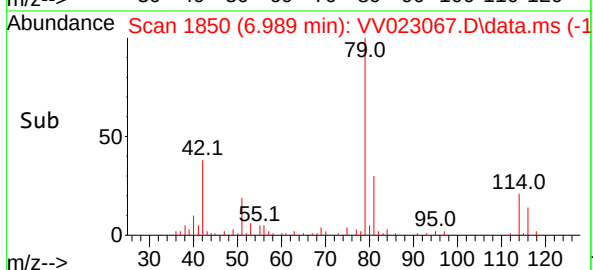
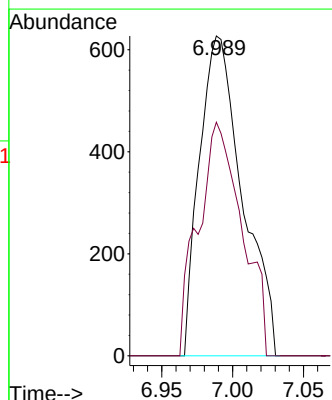
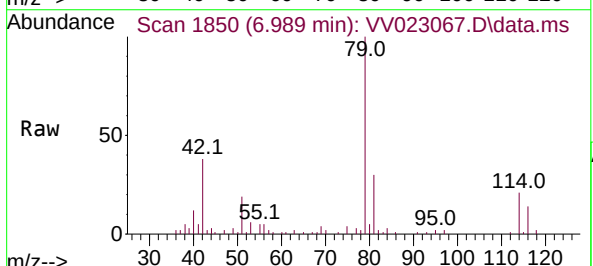
Acq: 27 Oct 2021 18:46

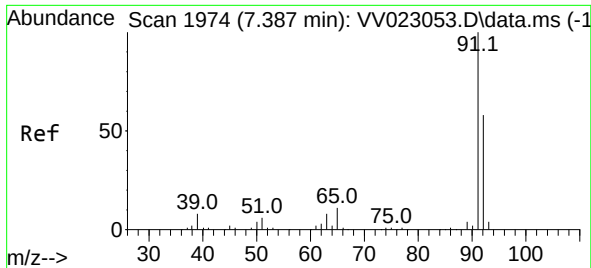
Tgt Ion: 75 Resp: 1325

Ion Ratio Lower Upper

75 100

77 73.0 21.6 40.2#





#42

Toluene

Concen: 0.082 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV023067.D

Acq: 27 Oct 2021 18:46

Instrument :

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ClientSampleId :

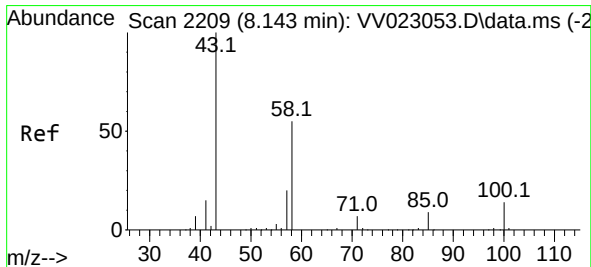
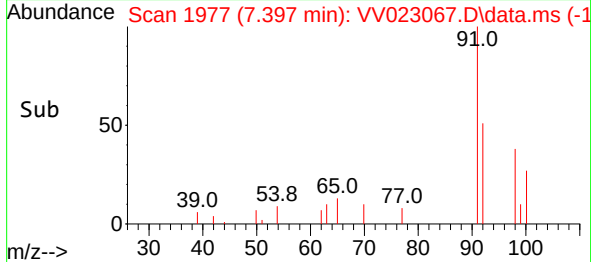
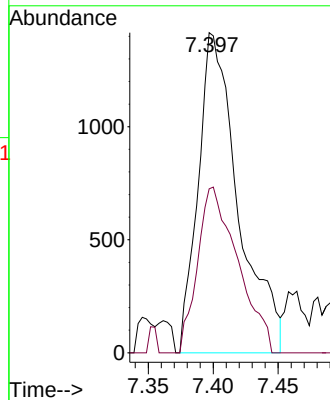
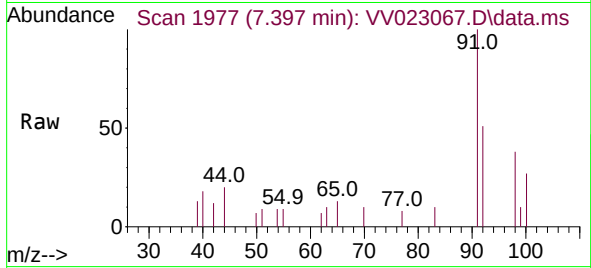
BG328

Tgt Ion: 91 Resp: 3049

Ion Ratio Lower Upper

91 100

92 51.2 39.3 72.9



#48

2-Hexanone

Concen: 2.234 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VV023067.D

Acq: 27 Oct 2021 18:46

Tgt Ion: 43 Resp: 7216

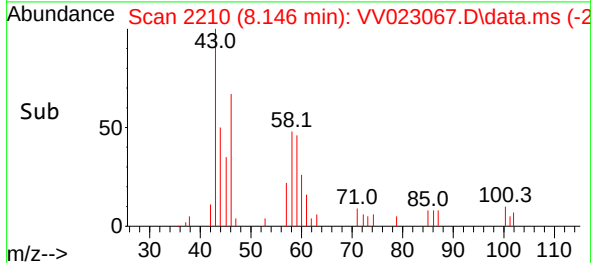
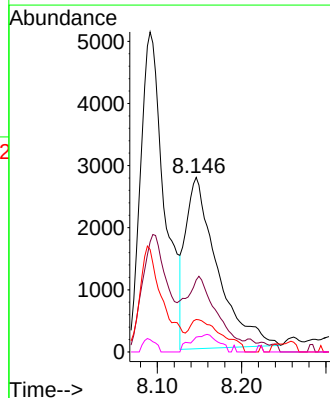
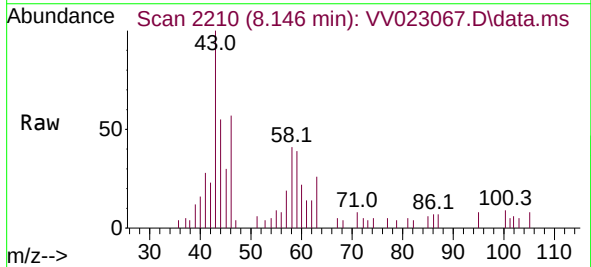
Ion Ratio Lower Upper

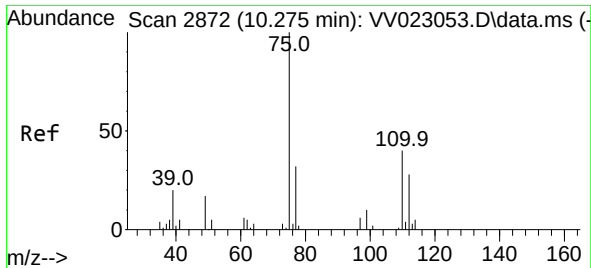
43 100

58 30.3 43.7 65.5#

57 18.9 14.1 21.1

100 8.8 10.2 15.2#





#61

1,2,3-Trichloropropane

Concen: 1.598 ug/L

RT: 11.252 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV023067.D

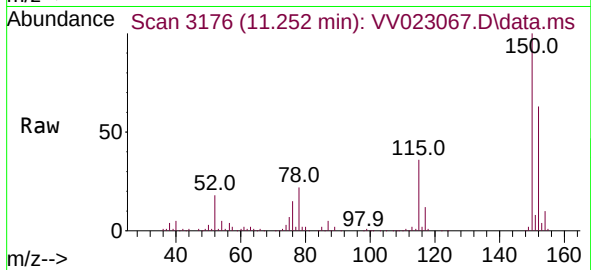
Acq: 27 Oct 2021 18:46

Instrument :

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Tgt Ion: 75 Resp: 6677

Ion Ratio Lower Upper

75 100

77 35.7 26.6 39.8

110 0.0 31.8 47.6#

