

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102721\
 Data File : VV023064.D
 Acq On : 27 Oct 2021 17:34
 Operator : SY/MD
 Sample : M4278-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Oct 28 01:47:41 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)

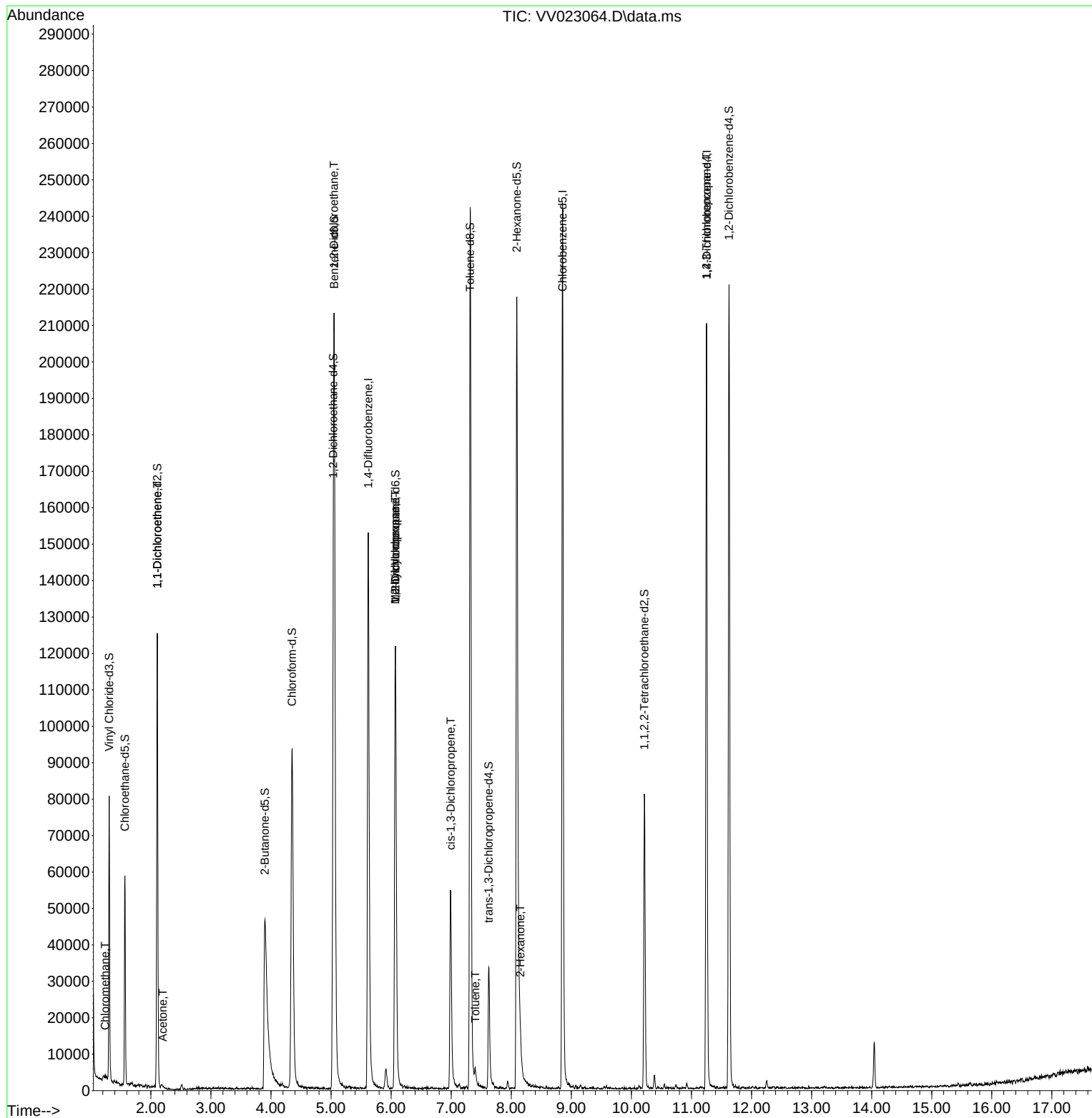
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	134126	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	135301	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	57374	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47909	4.088	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.800%	
7) Chloroethane-d5	1.568	69	36109	4.981	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.108	63	59321	3.509	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.200%	
20) 2-Butanone-d5	3.899	46	112198	59.677	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.360%	
24) Chloroform-d	4.349	84	98786	5.185	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
26) 1,2-Dichloroethane-d4	5.037	65	46855	5.217	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.400%	
32) Benzene-d6	5.053	84	195646	4.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.072	67	63254	5.202	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.000%	
41) Toluene-d8	7.317	98	163008	4.594	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
43) trans-1,3-Dichloroprop...	7.625	79	19945	4.681	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.600%	
46) 2-Hexanone-d5	8.092	63	72313	45.843	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.680%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39450	4.698	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	60429	5.903	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	118.000%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	605	0.066	ug/L	82
12) 1,1-Dichloroethene	2.108	96	578	0.084	ug/L #	1
13) Acetone	2.198	43	1089	1.181	ug/L	93
27) 1,2-Dichloroethane	5.050	62	1198	0.128	ug/L #	72
35) Methylcyclohexane	6.069	83	15573	1.189	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6580	0.717	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1587	0.139	ug/L #	62
42) Toluene	7.400	91	3827	0.104	ug/L	89
48) 2-Hexanone	8.150	43	9615	2.998	ug/L #	66
61) 1,2,3-Trichloropropane	11.249	75	6794	1.682	ug/L #	64

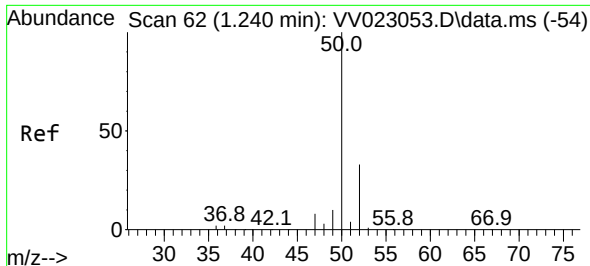
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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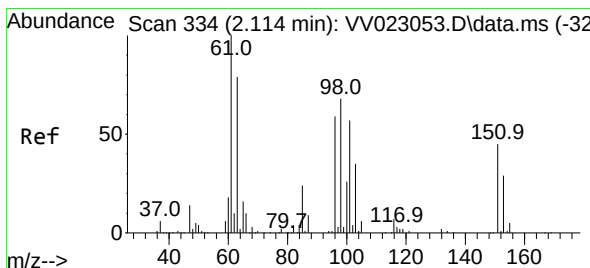
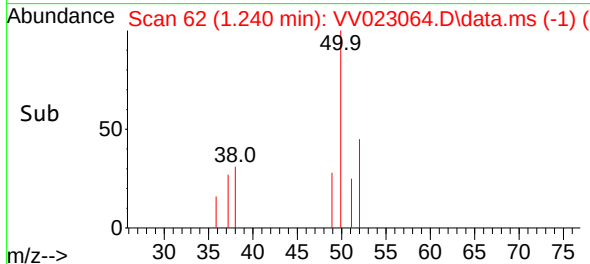
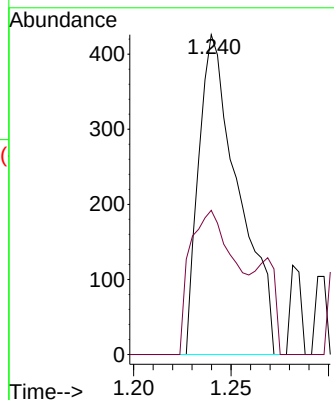
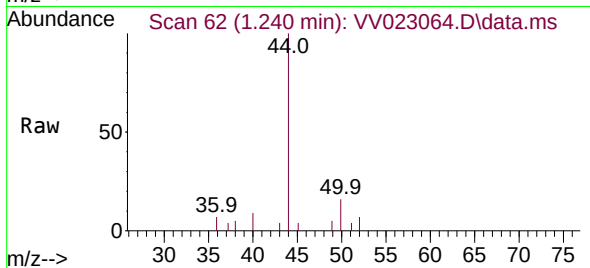




#3
Chloromethane
Concen: 0.066 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023064.D
Acq: 27 Oct 2021 17:34

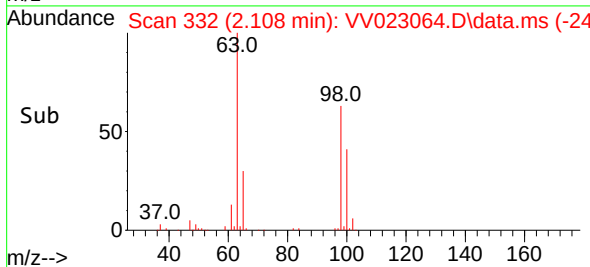
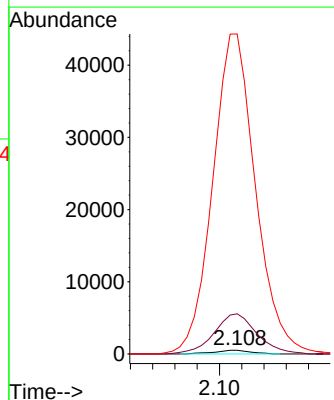
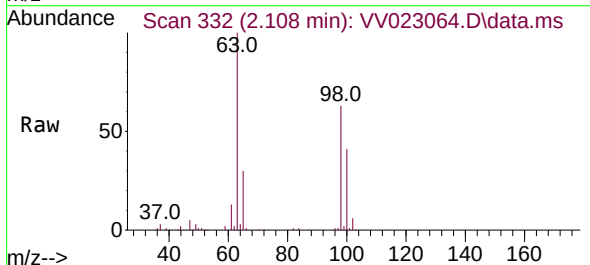
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

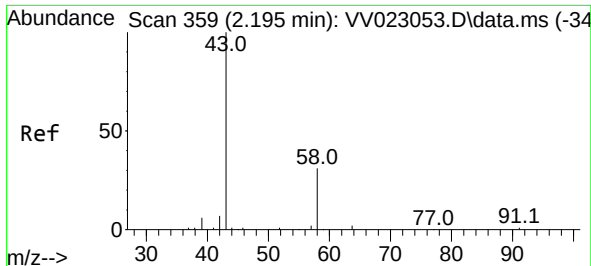
Tgt Ion: 50 Resp: 605
Ion Ratio Lower Upper
50 100
52 45.1 24.3 45.1



#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV023064.D
Acq: 27 Oct 2021 17:34

Tgt Ion: 96 Resp: 578
Ion Ratio Lower Upper
96 100
61 1078.3 121.5 225.7#
63 8574.1 99.6 185.0#

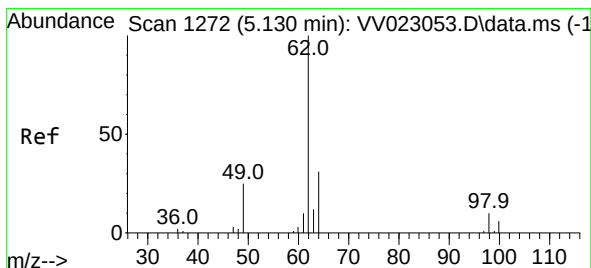
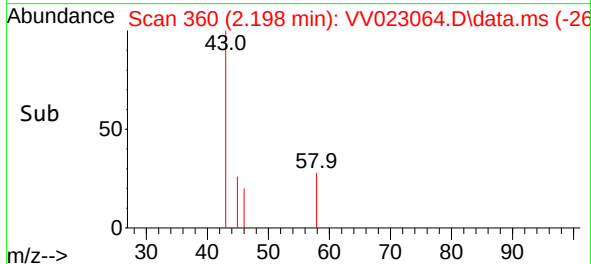
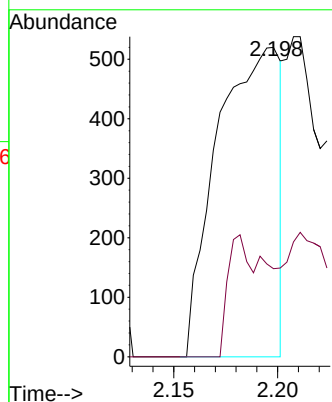
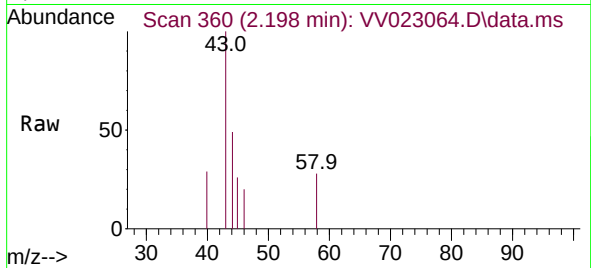




#13
Acetone
Concen: 1.181 ug/L
RT: 2.198 min Scan# 30
Delta R.T. 0.003 min
Lab File: VV023064.D
Acq: 27 Oct 2021 17:34

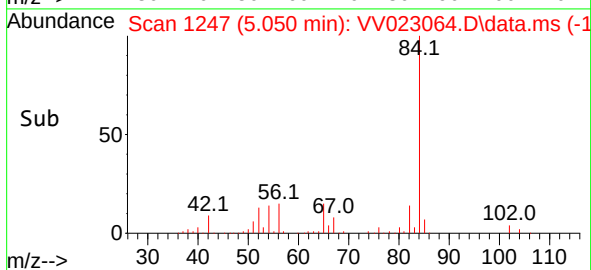
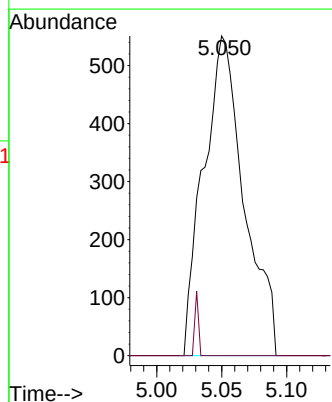
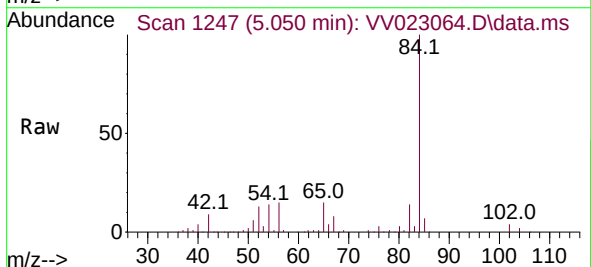
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

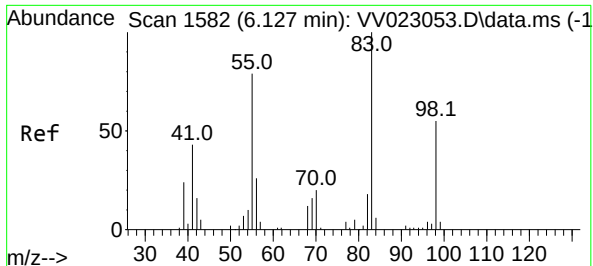
Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
58 31.4 0.0 55.4



#27
1,2-Dichloroethane
Concen: 0.128 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV023064.D
Acq: 27 Oct 2021 17:34

Tgt Ion: 62 Resp: 1198
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#





#35

Methylcyclohexane

Concen: 1.189 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV023064.D

Acq: 27 Oct 2021 17:34

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

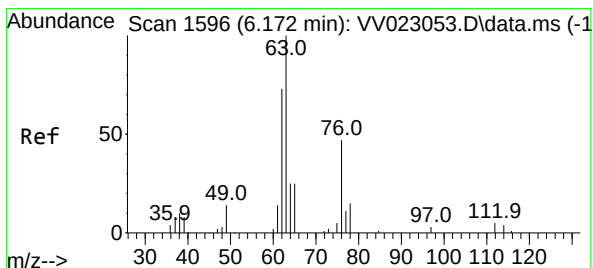
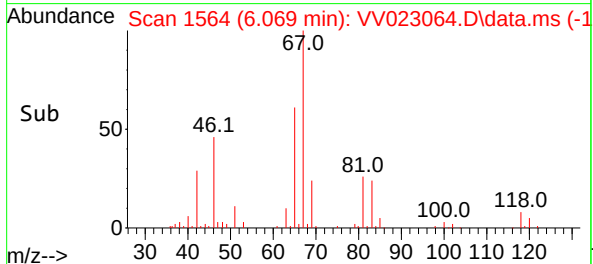
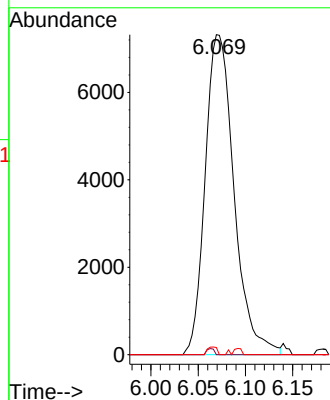
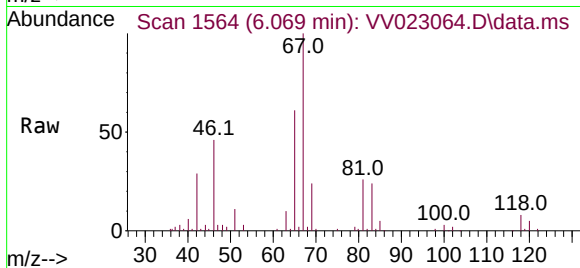
Tgt Ion: 83 Resp: 15573

Ion Ratio Lower Upper

83 100

55 0.5 62.8 94.2#

98 0.8 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.717 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV023064.D

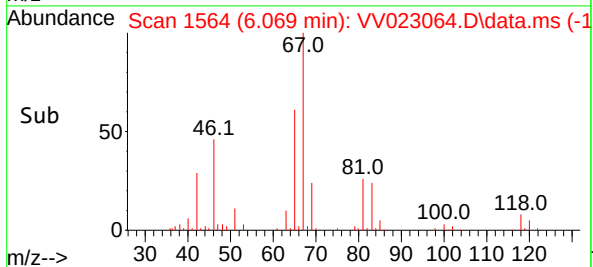
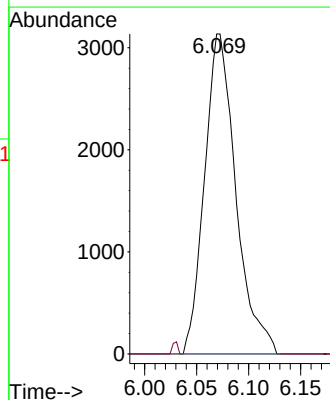
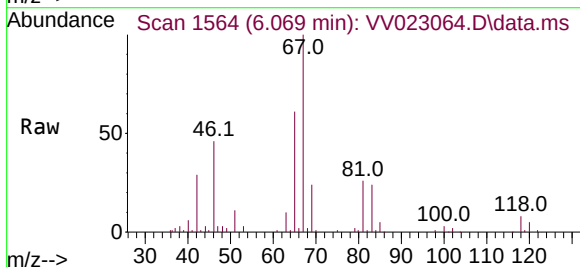
Acq: 27 Oct 2021 17:34

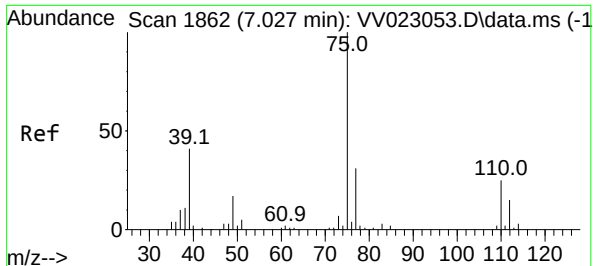
Tgt Ion: 63 Resp: 6580

Ion Ratio Lower Upper

63 100

112 0.7 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.139 ug/L

RT: 6.992 min Scan# 1862

Delta R.T. -0.035 min

Lab File: VV023064.D

Acq: 27 Oct 2021 17:34

Instrument :

MSVOA_V

ClientSampleId :

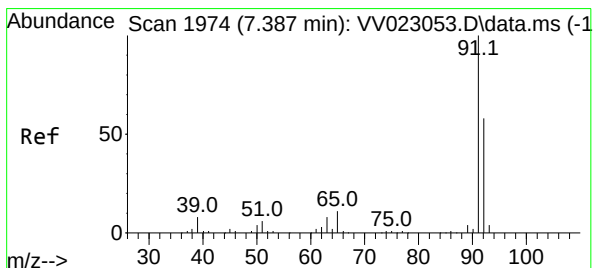
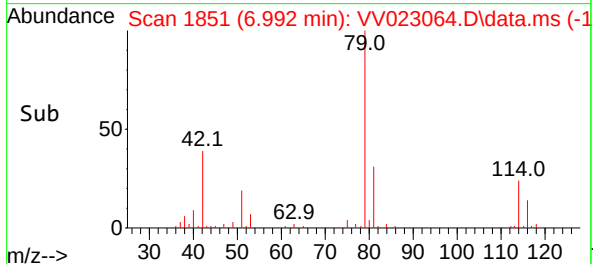
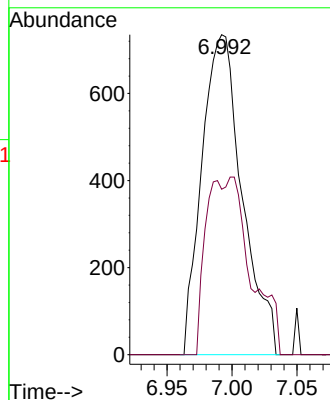
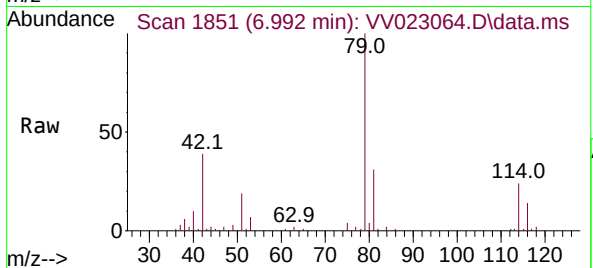
VHBLK001

Tgt Ion: 75 Resp: 1587

Ion Ratio Lower Upper

75 100

77 51.7 21.6 40.2#



#42

Toluene

Concen: 0.104 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023064.D

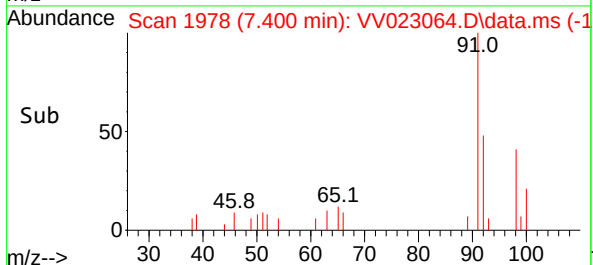
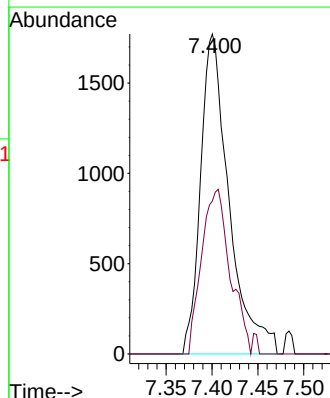
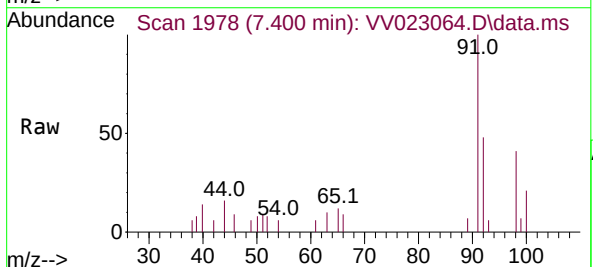
Acq: 27 Oct 2021 17:34

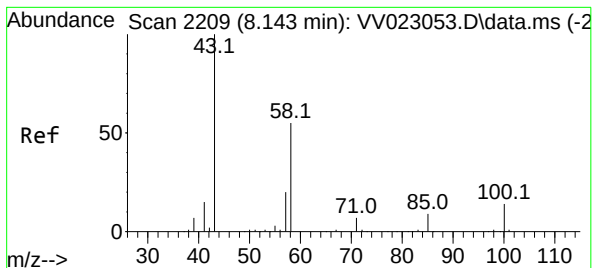
Tgt Ion: 91 Resp: 3827

Ion Ratio Lower Upper

91 100

92 47.8 39.3 72.9





#48

2-Hexanone

Concen: 2.998 ug/L

RT: 8.150 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV023064.D

Acq: 27 Oct 2021 17:34

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

Tgt Ion: 43 Resp: 9615

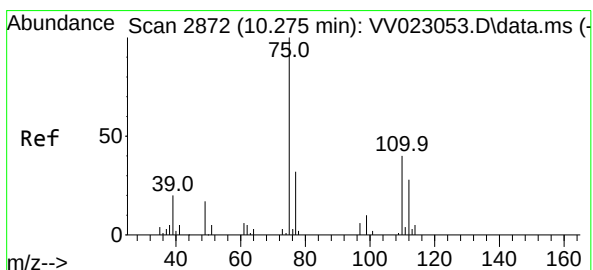
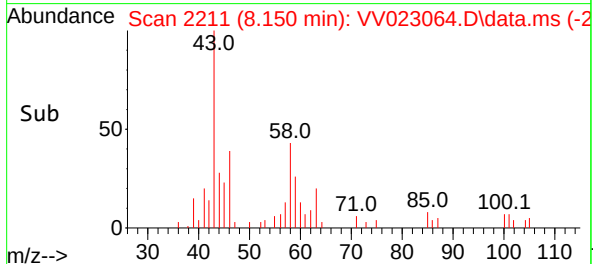
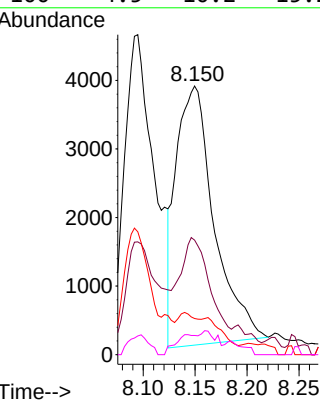
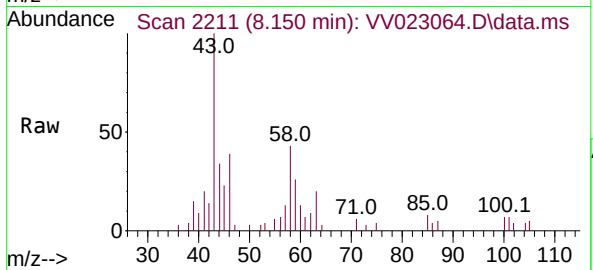
Ion Ratio Lower Upper

43 100

58 28.5 43.7 65.5#

57 2.2 14.1 21.1#

100 4.5 10.2 15.2#



#61

1,2,3-Trichloropropane

Concen: 1.682 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023064.D

Acq: 27 Oct 2021 17:34

Tgt Ion: 75 Resp: 6794

Ion Ratio Lower Upper

75 100

77 31.1 26.6 39.8

110 0.6 31.8 47.6#

