

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111721\
 Data File : VV023567.D
 Acq On : 17 Nov 2021 14:13
 Operator : SY/MD
 Sample : M4643-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB8K1

Quant Time: Nov 18 00:21:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 00:20:29 2021
 Response via : Initial Calibration

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

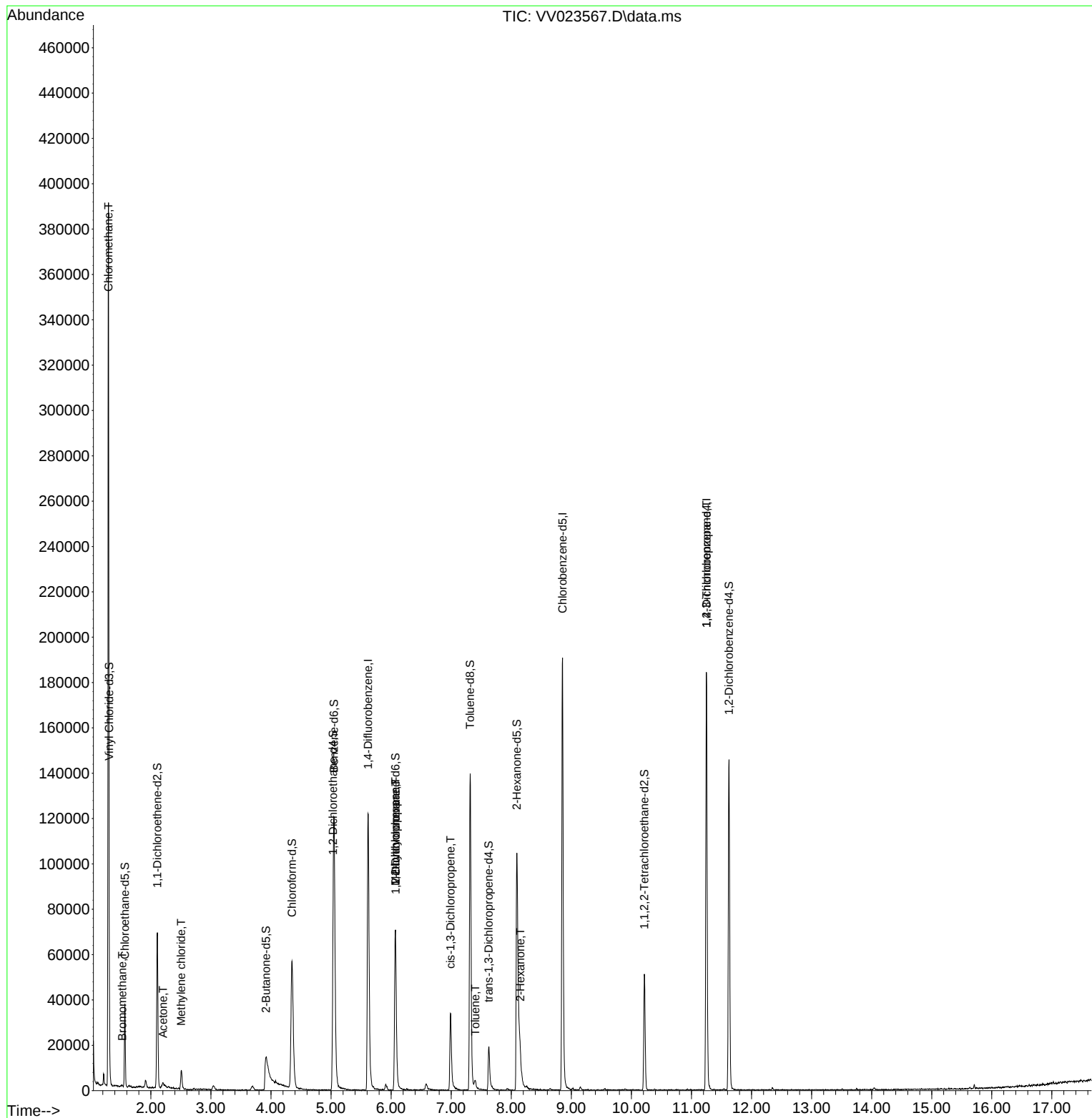
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	111279	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	109961	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50091	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23758	3.408	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.200%
7) Chloroethane-d5	1.568	69	21277	3.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.800%
11) 1,1-Dichloroethene-d2	2.108	63	36132	2.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.400%#
20) 2-Butanone-d5	3.915	46	37769	31.448	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.900%
24) Chloroform-d	4.349	84	59182	3.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	5.034	65	29967	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.050	84	109498	3.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	6.072	67	33400	4.022	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.317	98	94359	3.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	7.625	79	12348	3.921	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.091	63	46464	40.100	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24186	4.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	38457	4.611	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						Qvalue
3) Chloromethane	1.294	50	11325	1.228	ug/L #	73
6) Bromomethane	1.523	94	452	0.077	ug/L	75
13) Acetone	2.201	43	4054	5.524	ug/L	98
16) Methylene chloride	2.507	84	3335	0.344	ug/L	97
35) Methylcyclohexane	6.072	83	8877	0.688	ug/L #	17
37) 1,2-Dichloropropane	6.075	63	3780	0.527	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	944	0.091	ug/L #	69
42) Toluene	7.400	91	3187	0.097	ug/L	98
48) 2-Hexanone	8.149	43	4960	2.127	ug/L #	71
61) 1,2,3-Trichloropropane	11.249	75	5414	1.627	ug/L #	66

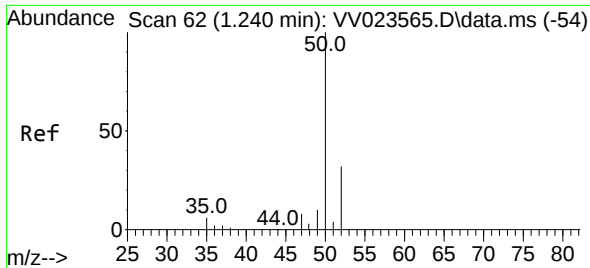
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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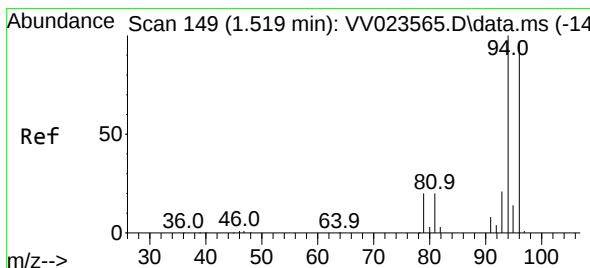
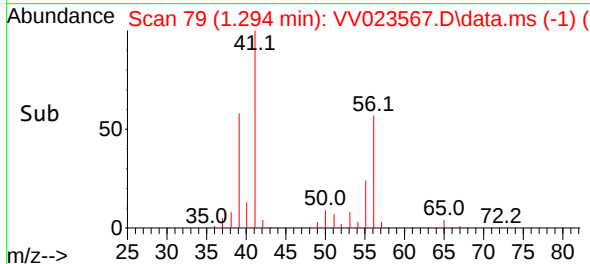
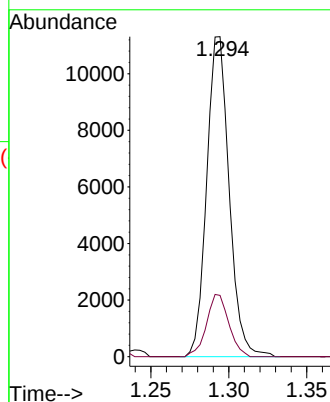
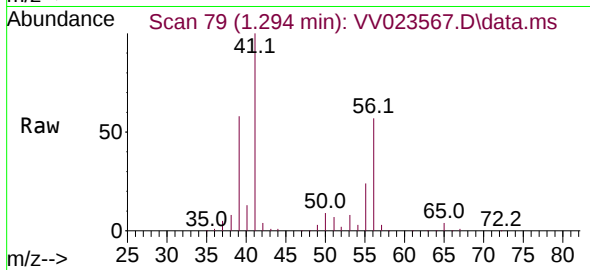




#3
Chloromethane
Concen: 1.228 ug/L
RT: 1.294 min Scan# 79
Delta R.T. 0.055 min
Lab File: VV023567.D
Acq: 17 Nov 2021 14:13

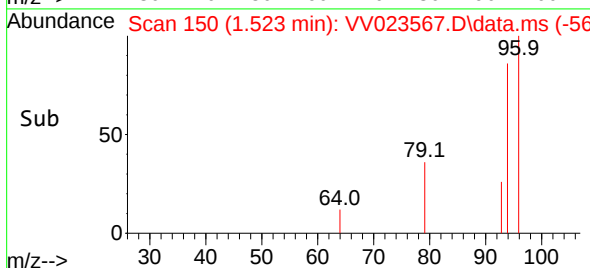
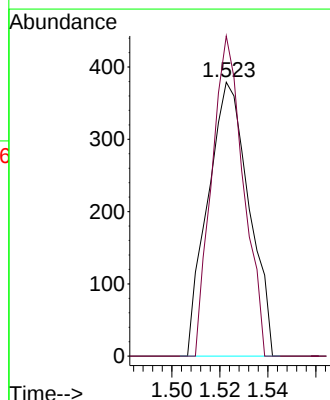
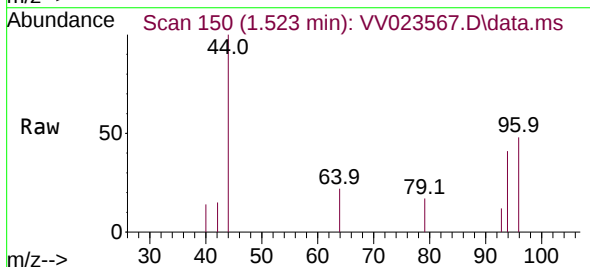
Instrument :
MSVOA_V
ClientSampleId :
GB8K1

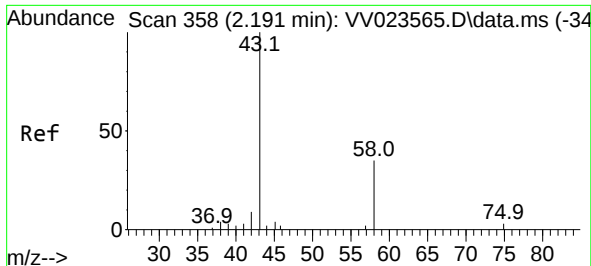
Tgt Ion: 50 Resp: 11325
Ion Ratio Lower Upper
50 100
52 19.1 24.3 45.1#



#6
Bromomethane
Concen: 0.077 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV023567.D
Acq: 17 Nov 2021 14:13

Tgt Ion: 94 Resp: 452
Ion Ratio Lower Upper
94 100
96 116.9 65.0 120.8

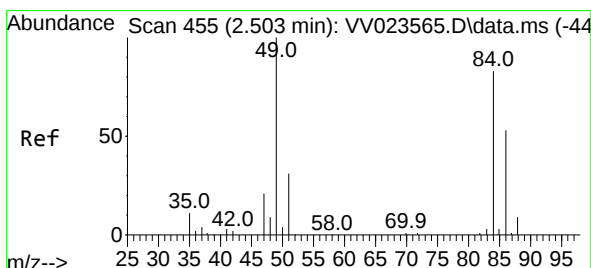
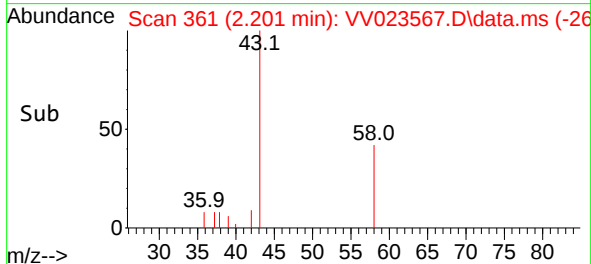
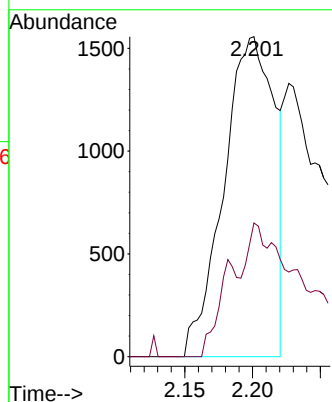
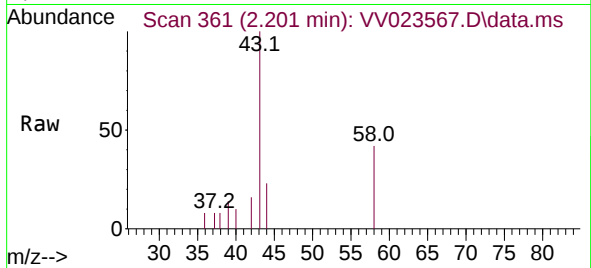




#13
Acetone
Concen: 5.524 ug/L
RT: 2.201 min Scan# 358
Delta R.T. 0.010 min
Lab File: VV023567.D
Acq: 17 Nov 2021 14:13

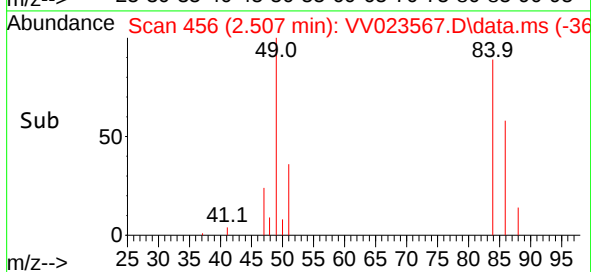
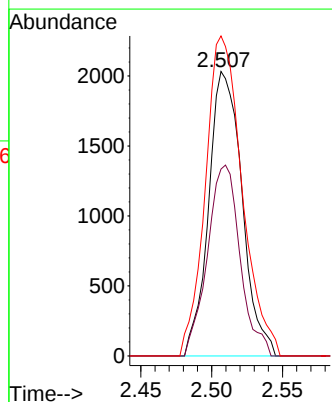
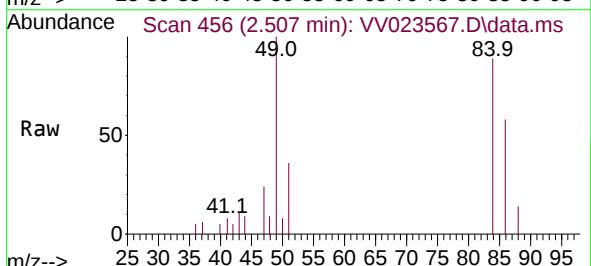
Instrument :
MSVOA_V
ClientSampleId :
GB8K1

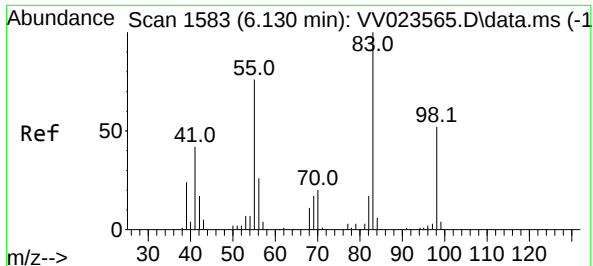
Tgt Ion: 43 Resp: 4054
Ion Ratio Lower Upper
43 100
58 28.8 0.0 55.4



#16
Methylene chloride
Concen: 0.344 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV023567.D
Acq: 17 Nov 2021 14:13

Tgt Ion: 84 Resp: 3335
Ion Ratio Lower Upper
84 100
86 65.7 42.3 78.5
49 112.5 79.7 148.1





#35

Methylcyclohexane

Concen: 0.688 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023567.D

Acq: 17 Nov 2021 14:13

Instrument :

MSVOA_V

ClientSampleId :

GB8K1

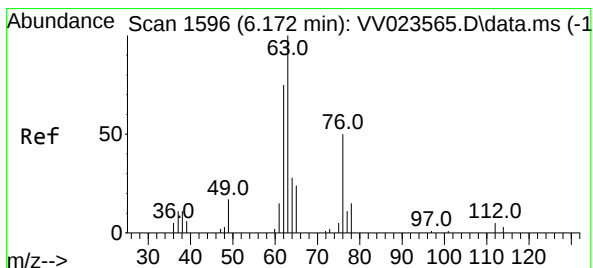
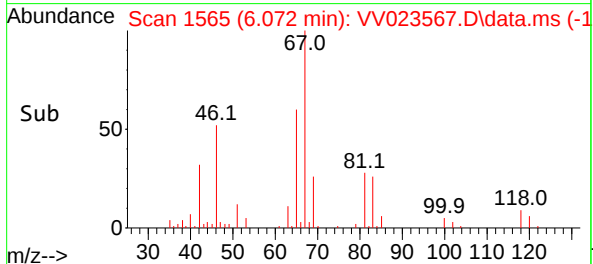
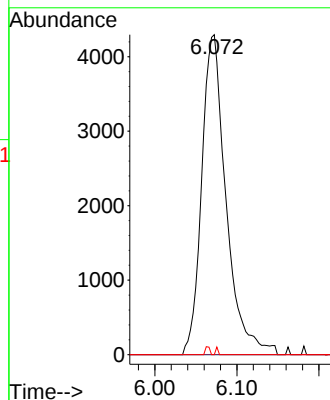
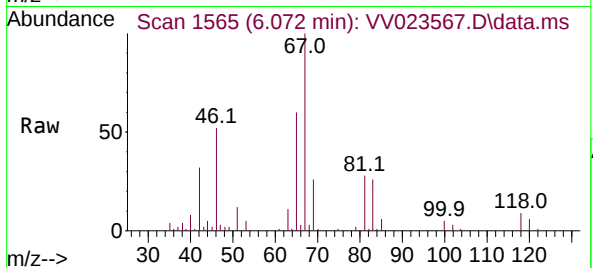
Tgt Ion: 83 Resp: 8877

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.2 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.527 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.096 min

Lab File: VV023567.D

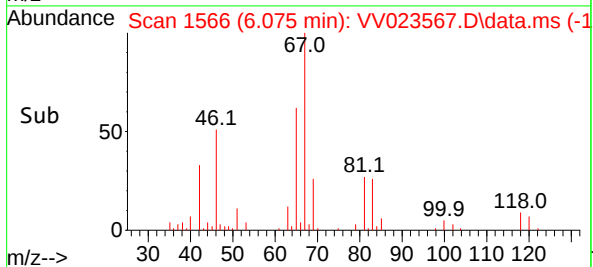
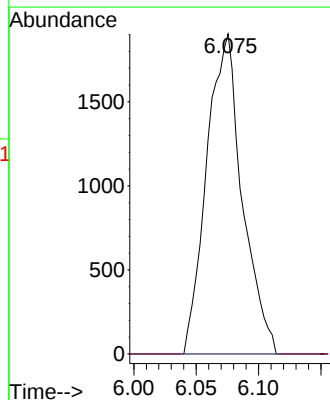
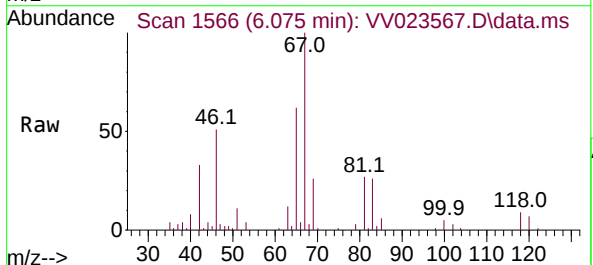
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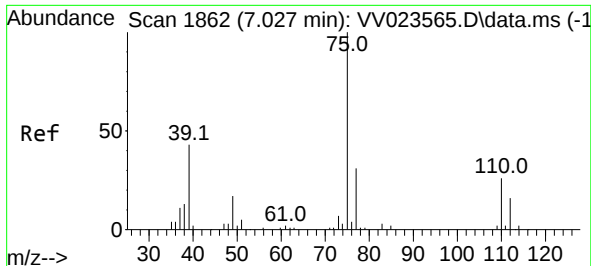
Tgt Ion: 63 Resp: 3780

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV023567.D

Acq: 17 Nov 2021 14:13

Instrument :

MSVOA_V

ClientSampleId :

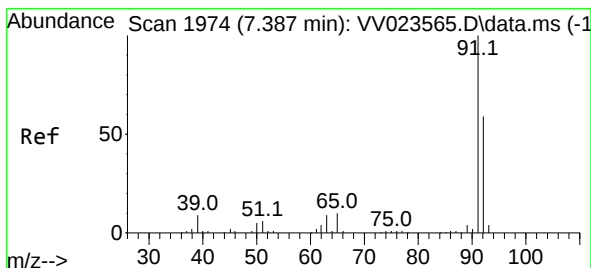
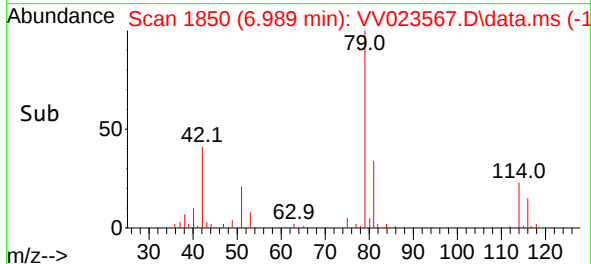
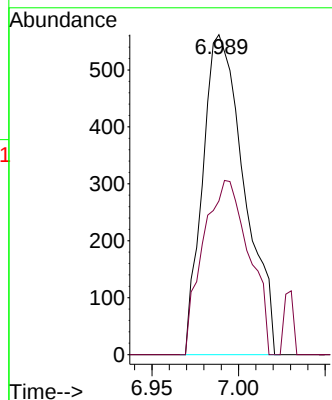
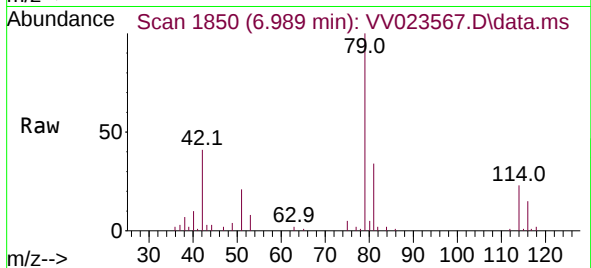
GB8K1

Tgt Ion: 75 Resp: 944

Ion Ratio Lower Upper

75 100

77 48.0 21.6 40.2#



#42

Toluene

Concen: 0.097 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023567.D

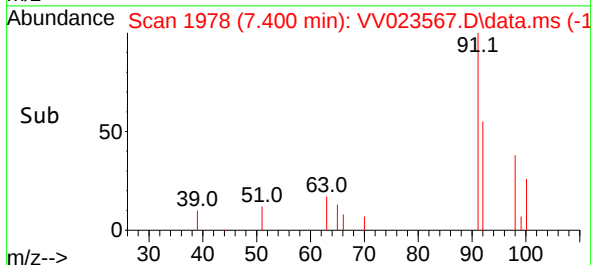
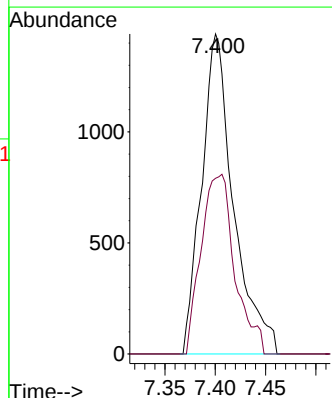
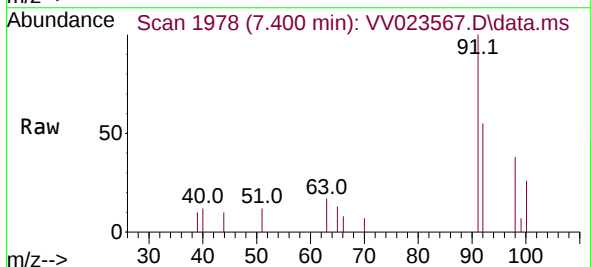
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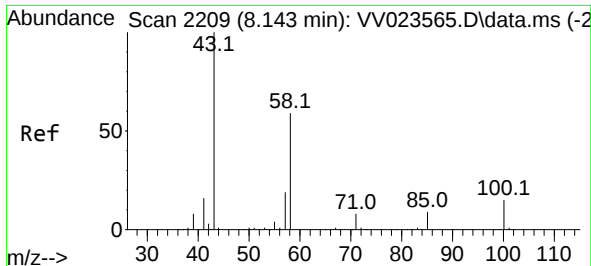
Tgt Ion: 91 Resp: 3187

Ion Ratio Lower Upper

91 100

92 54.9 39.3 72.9

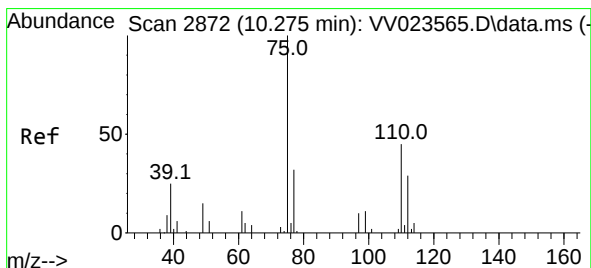
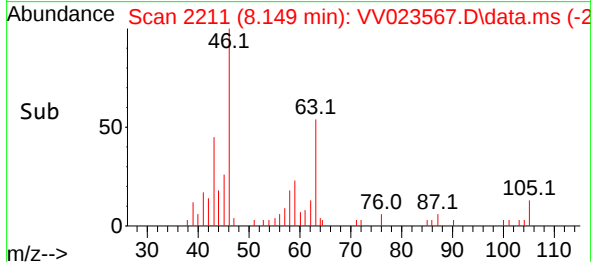
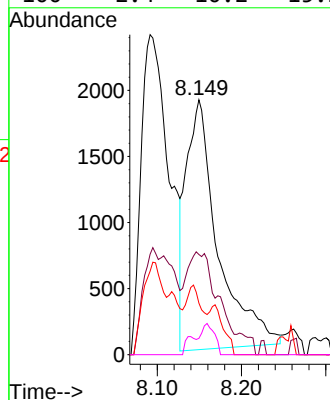
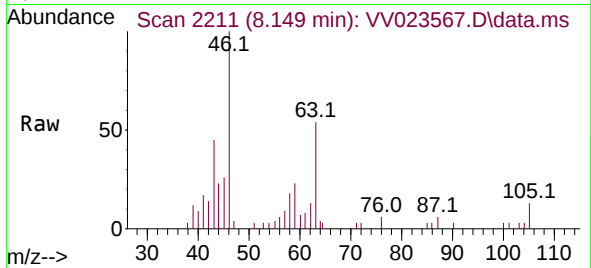




#48
2-Hexanone
Concen: 2.127 ug/L
RT: 8.149 min Scan# 211
Delta R.T. 0.006 min
Lab File: VV023567.D
Acq: 17 Nov 2021 14:13

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MSVOA_V
ClientSampleId :
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Tgt Ion:	43	Resp:	4960
Ion	Ratio	Lower	Upper
43	100		
58	32.6	43.7	65.5#
57	5.7	14.1	21.1#
100	2.4	10.2	15.2#



#61
1,2,3-Trichloropropane
Concen: 1.627 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023567.D
Acq: 17 Nov 2021 14:13

Tgt Ion:	75	Resp:	5414
Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.6	39.8
110	1.6	31.8	47.6#

