

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110421\
 Data File : VW023204.D
 Acq On : 04 Nov 2021 15:59
 Operator : SY/MD
 Sample : M4464-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 01:57:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 01:45:40 2021
 Response via : Initial Calibration

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

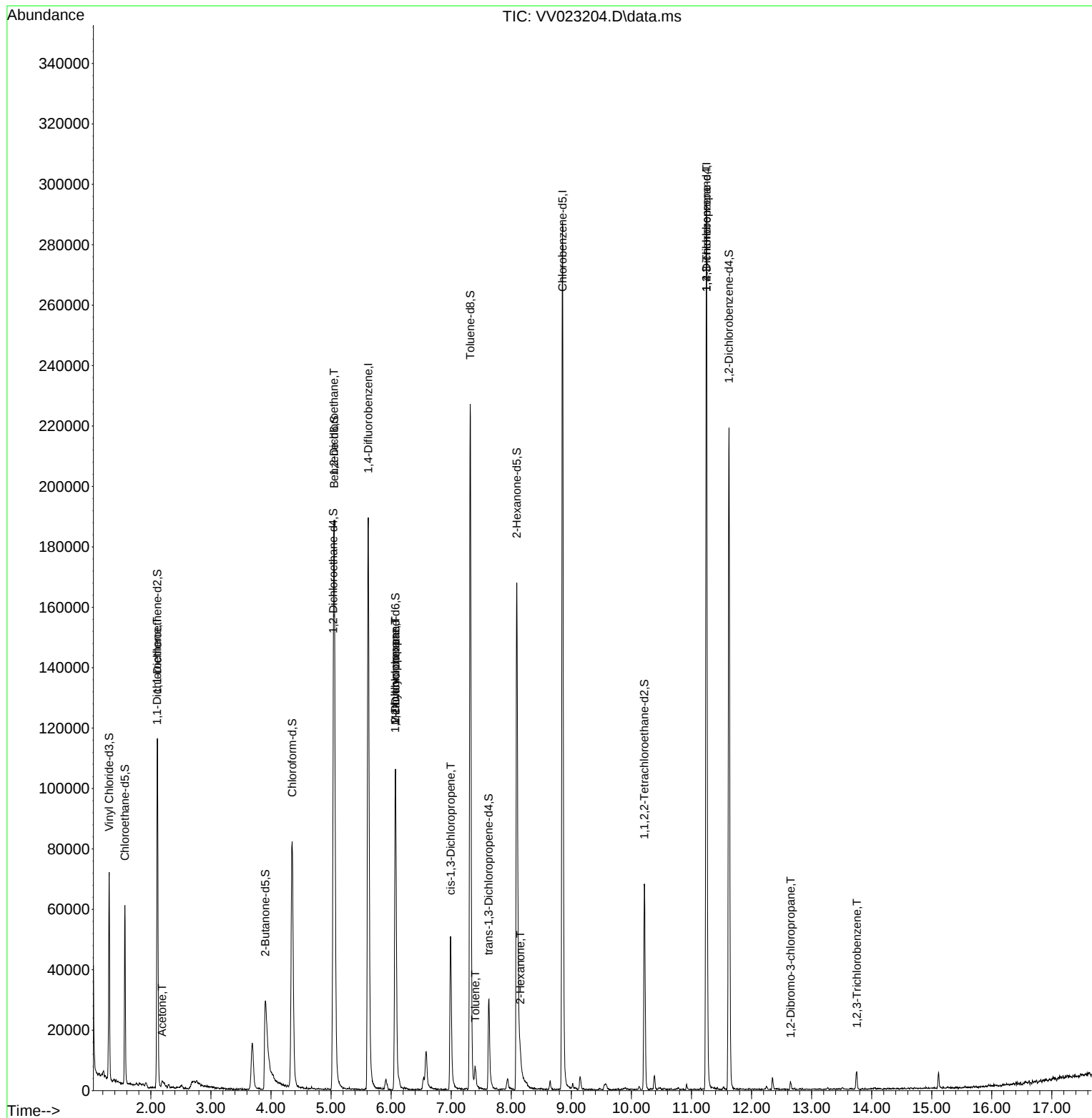
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	166749	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	164958	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79114	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40958	3.921	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.400%	
7) Chloroethane-d5	1.568	69	34071	4.002	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.000%	
11) 1,1-Dichloroethene-d2	2.108	63	59081	3.021	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.400%	
20) 2-Butanone-d5	3.905	46	70588	44.725	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.440%	
24) Chloroform-d	4.352	84	86351	3.879	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.600%	
26) 1,2-Dichloroethane-d4	5.037	65	40836	4.079	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
32) Benzene-d6	5.053	84	173420	4.097	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
36) 1,2-Dichloropropane-d6	6.072	67	51042	4.097	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.000%	
41) Toluene-d8	7.317	98	149872	3.779	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.600%	
43) trans-1,3-Dichloroprop...	7.625	79	19040	4.030	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.600%	
46) 2-Hexanone-d5	8.091	63	64502	37.108	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	74.220%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32117	3.584	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	71.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	58557	4.445	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.105	96	616	0.062	ug/L #	1
13) Acetone	2.188	43	1718	1.472	ug/L	99
27) 1,2-Dichloroethane	5.050	62	1087	0.093	ug/L #	73
35) Methylcyclohexane	6.072	83	12668	0.655	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	5546	0.515	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1504	0.097	ug/L	92
42) Toluene	7.400	91	5088	0.103	ug/L	99
48) 2-Hexanone	8.149	43	2751	0.768	ug/L #	89
61) 1,2,3-Trichloropropane	11.249	75	8361	1.591	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.651	75	142	0.127	ug/L #	1
72) 1,2,3-Trichlorobenzene	13.754	180	1970	0.155	ug/L	99

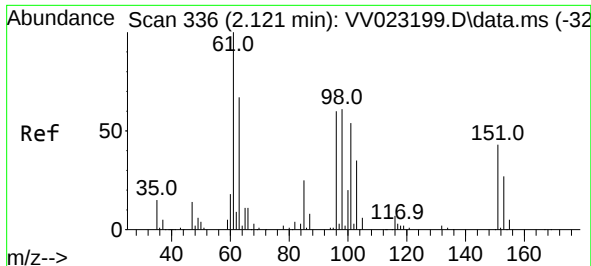
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV023204.D

Acq: 04 Nov 2021 15:59

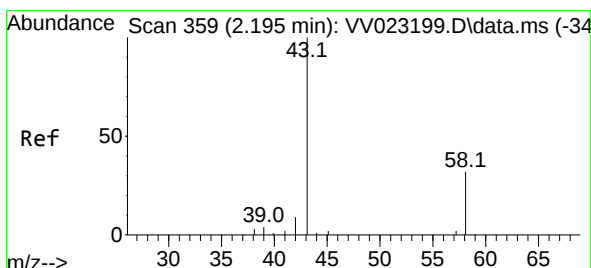
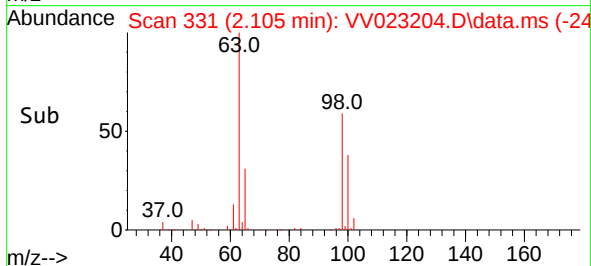
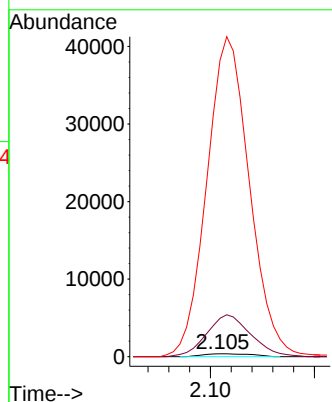
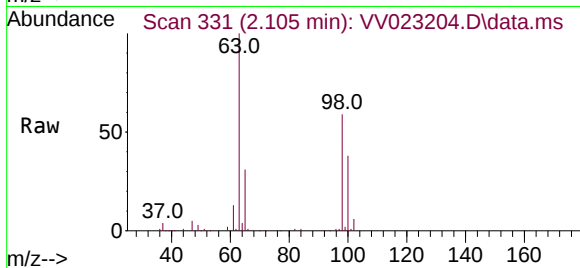
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 616

Ion	Ratio	Lower	Upper
96	100		
61	1311.7	117.7	218.7#
63	10143.2	80.5	149.5#



#13

Acetone

Concen: 1.472 ug/L

RT: 2.188 min Scan# 357

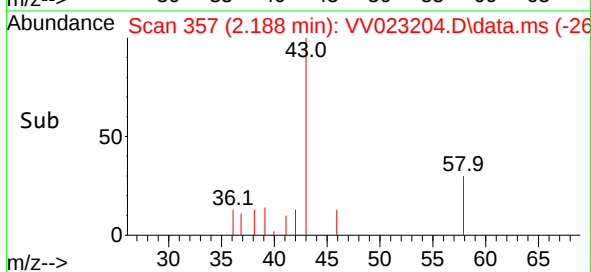
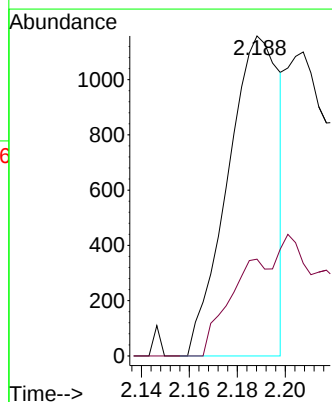
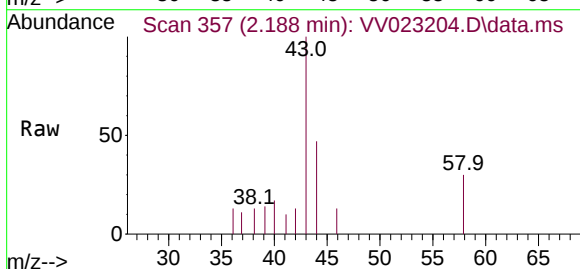
Delta R.T. -0.006 min

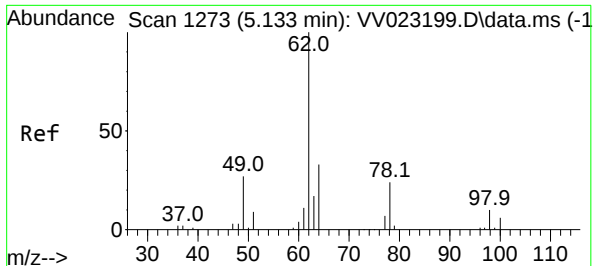
Lab File: VV023204.D

Acq: 04 Nov 2021 15:59

Tgt Ion: 43 Resp: 1718

Ion	Ratio	Lower	Upper
43	100		
58	22.2	0.0	45.8





#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV023204.D

Acq: 04 Nov 2021 15:59

Instrument :

MSVOA_V

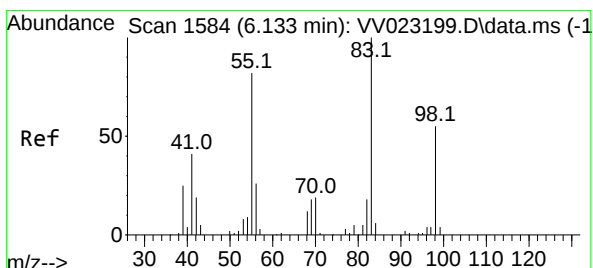
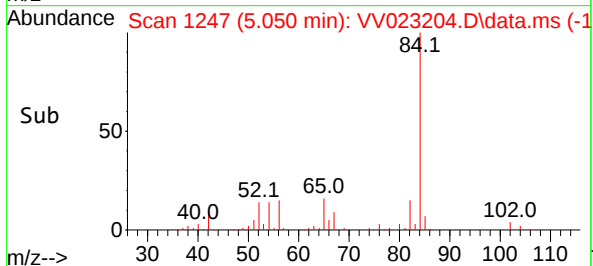
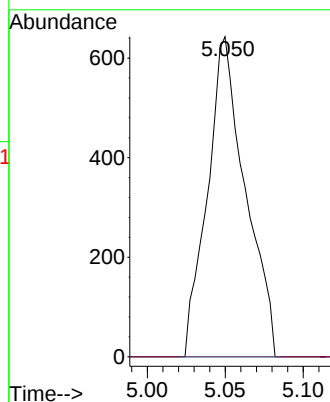
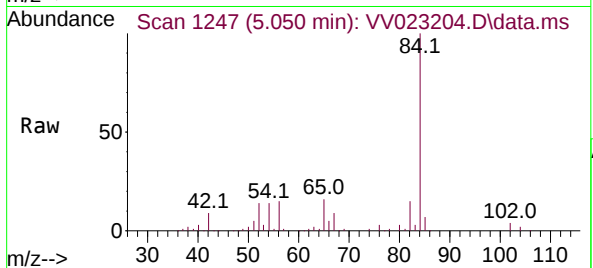
ClientSampleId :

Tgt Ion: 62 Resp: 1087

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#35

Methylcyclohexane

Concen: 0.655 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV023204.D

Acq: 04 Nov 2021 15:59

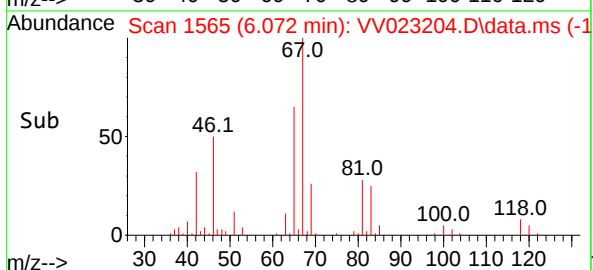
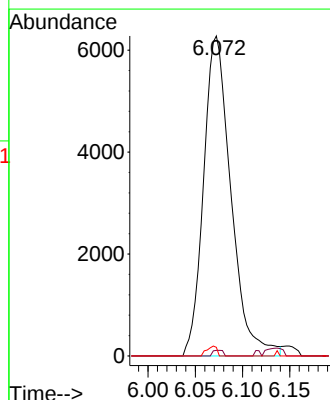
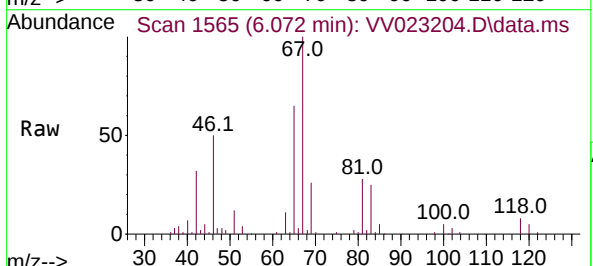
Tgt Ion: 83 Resp: 12668

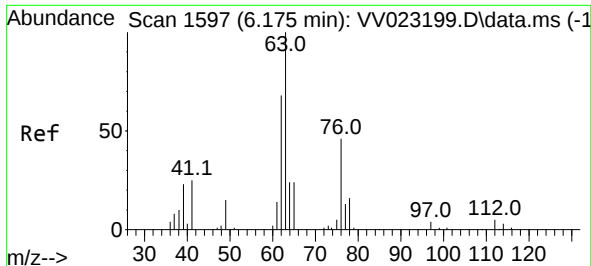
Ion Ratio Lower Upper

83 100

55 0.6 59.6 89.4#

98 1.1 40.6 61.0#





#37

1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV023204.D

Acq: 04 Nov 2021 15:59

Instrument :

MSVOA_V

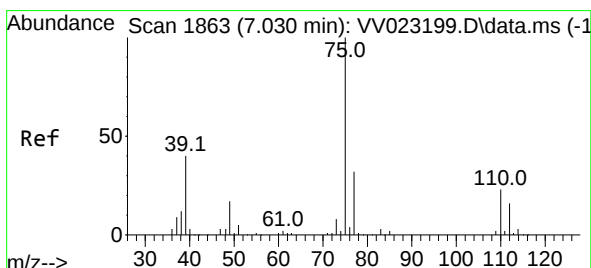
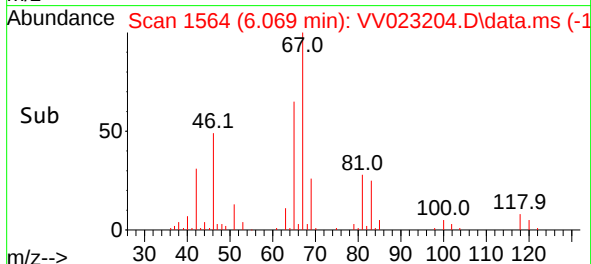
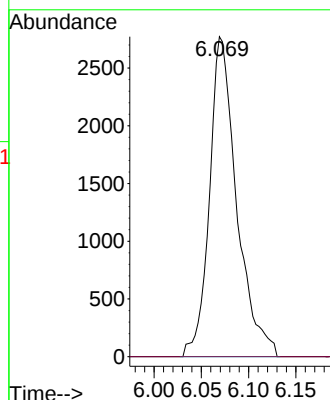
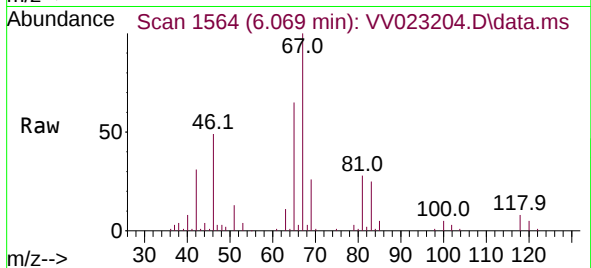
ClientSampleId :

Tgt Ion: 63 Resp: 5546

Ion Ratio Lower Upper

63 100

112 0.0 4.5 6.7#



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.039 min

Lab File: VV023204.D

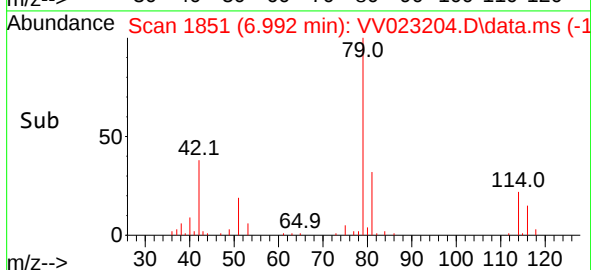
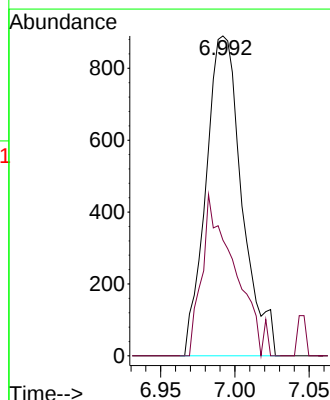
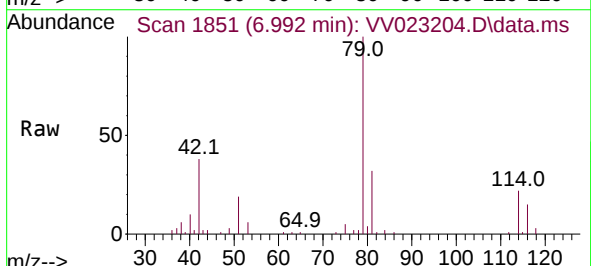
Acq: 04 Nov 2021 15:59

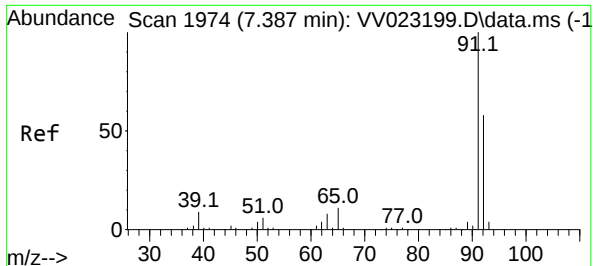
Tgt Ion: 75 Resp: 1504

Ion Ratio Lower Upper

75 100

77 36.2 22.3 41.3





#42

Toluene

Concen: 0.103 ug/L

RT: 7.400 min Scan# 1974

Delta R.T. 0.013 min

Lab File: VV023204.D

Acq: 04 Nov 2021 15:59

Instrument :

MSVOA_V

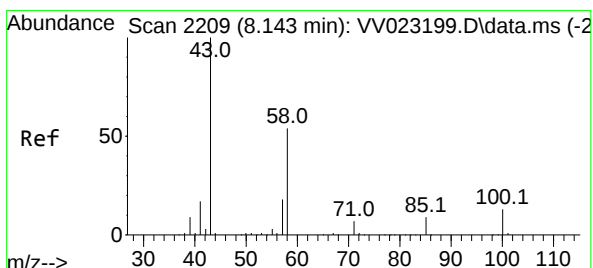
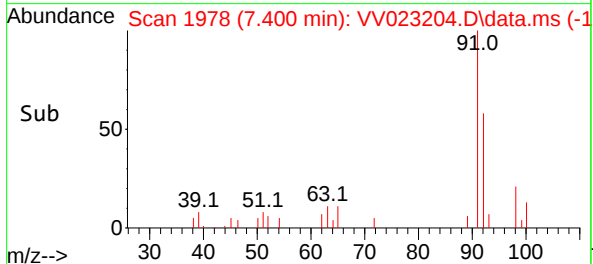
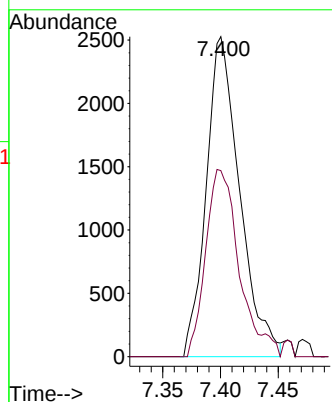
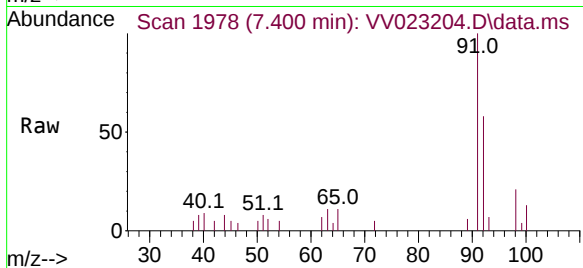
ClientSampleId :

Tgt Ion: 91 Resp: 5088

Ion Ratio Lower Upper

91 100

92 58.1 40.4 75.0



#48

2-Hexanone

Concen: 0.768 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.006 min

Lab File: VV023204.D

Acq: 04 Nov 2021 15:59

Tgt Ion: 43 Resp: 2751

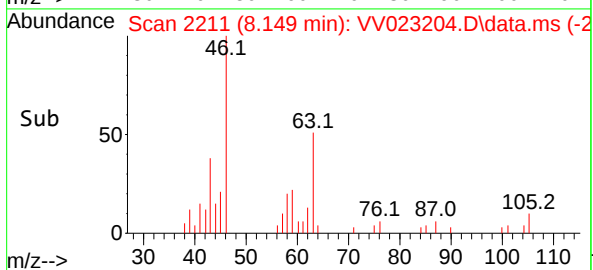
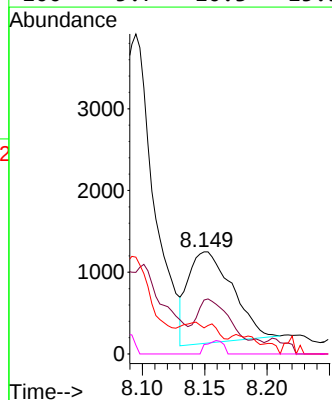
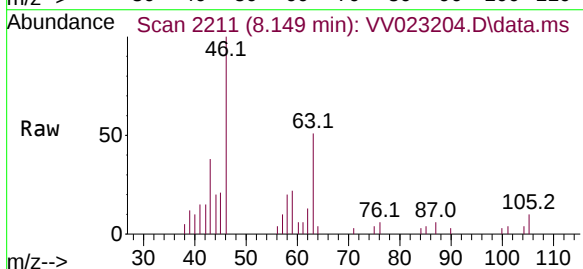
Ion Ratio Lower Upper

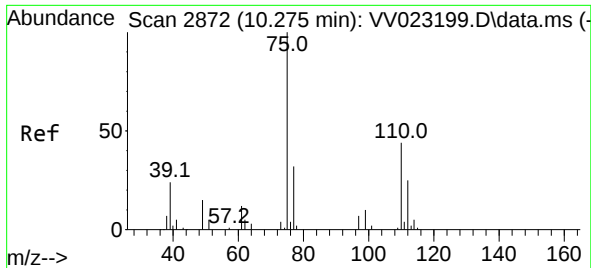
43 100

58 52.4 43.0 64.6

57 4.1 14.9 22.3#

100 5.7 10.3 15.5#

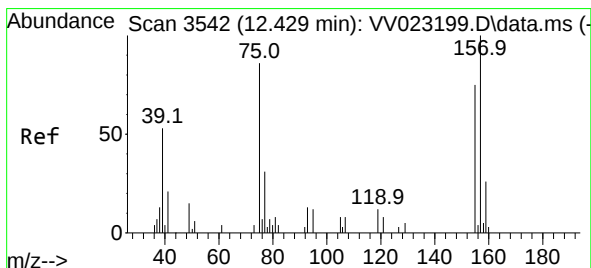
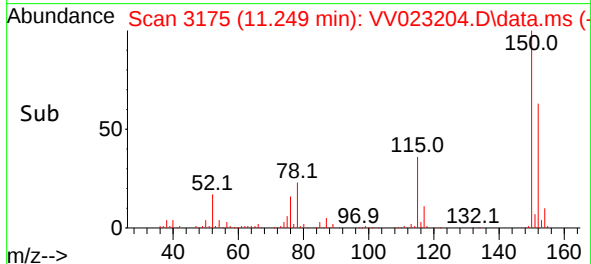
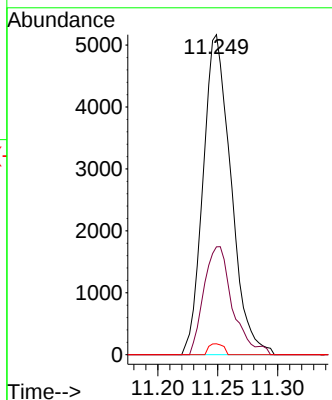
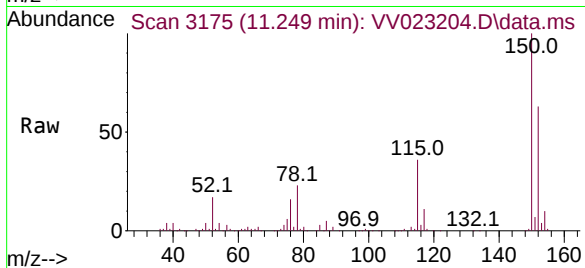




#61
 1,2,3-Trichloropropane
 Concen: 1.591 ug/L
 RT: 11.249 min Scan# 3115
 Delta R.T. 0.974 min
 Lab File: VV023204.D
 Acq: 04 Nov 2021 15:59

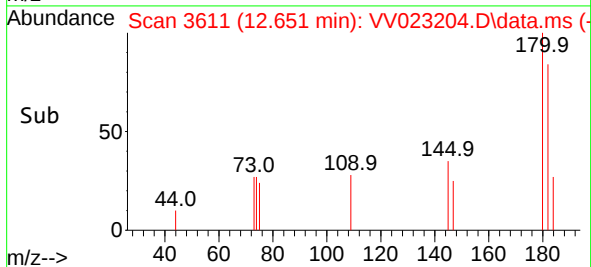
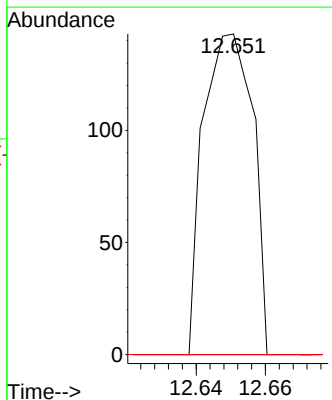
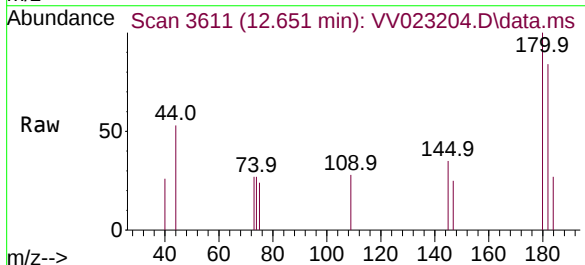
Instrument :
 MSVOA_V
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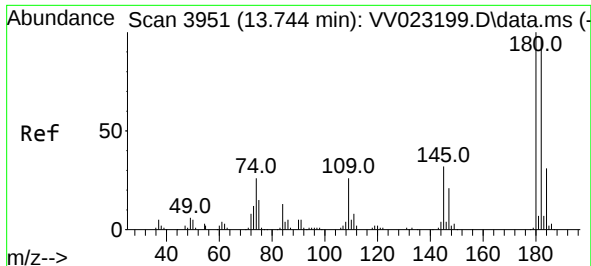
Tgt Ion: 75 Resp: 8361
 Ion Ratio Lower Upper
 75 100
 77 34.5 26.6 39.8
 110 1.8 33.0 49.4#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.127 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. 0.222 min
 Lab File: VV023204.D
 Acq: 04 Nov 2021 15:59

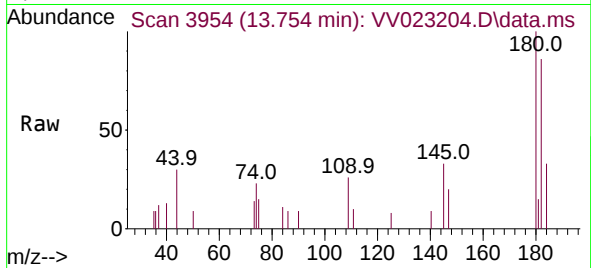
Tgt Ion: 75 Resp: 142
 Ion Ratio Lower Upper
 75 100
 155 0.0 69.4 104.2#
 157 0.0 92.8 139.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.155 ug/L
 RT: 13.754 min Scan# 3954
 Delta R.T. 0.010 min
 Lab File: VV023204.D
 Acq: 04 Nov 2021 15:59

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 1970
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.1 115.7
 145 34.5 25.4 38.0

