

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
 Data File : VV023399.D
 Acq On : 11 Nov 2021 19:47
 Operator : SY/MD
 Sample : M4542-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 02:08:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

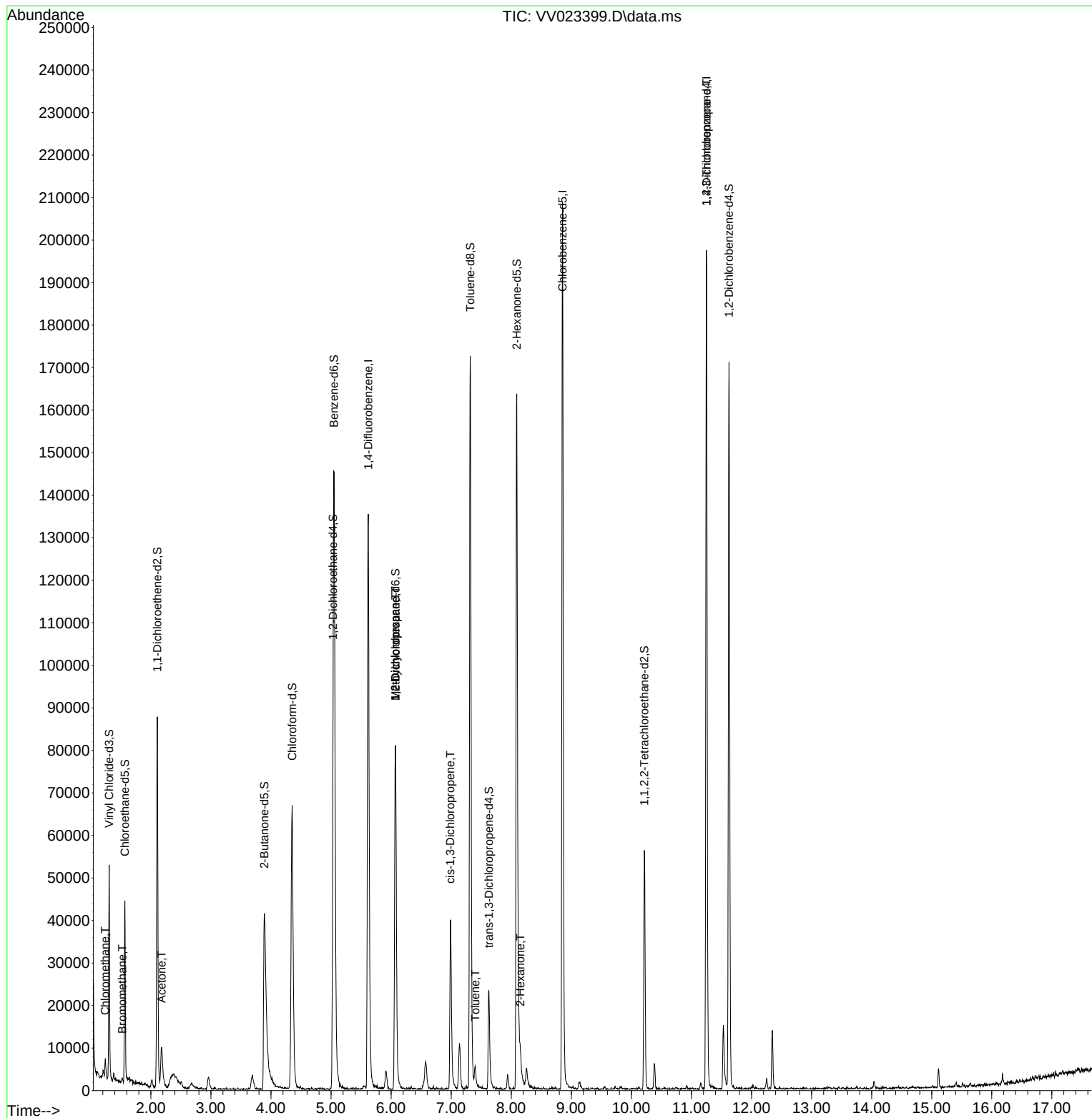
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119528	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118539	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53240	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30673	4.096	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.000%	
7) Chloroethane-d5	1.568	69	24516	4.017	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.400%	
11) 1,1-Dichloroethene-d2	2.108	63	44303	3.160	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.200%	
20) 2-Butanone-d5	3.889	46	74186	57.507	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.020%	
24) Chloroform-d	4.352	84	68004	4.261	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
26) 1,2-Dichloroethane-d4	5.034	65	32881	4.582	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
32) Benzene-d6	5.050	84	131520	4.324	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
36) 1,2-Dichloropropane-d6	6.072	67	39321	4.392	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.800%	
41) Toluene-d8	7.317	98	116428	4.085	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
43) trans-1,3-Dichloroprop...	7.629	79	14052	4.139	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.800%	
46) 2-Hexanone-d5	8.092	63	52886	42.340	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.680%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26280	4.082	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	45630	5.147	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2721	0.275	ug/L	95
6) Bromomethane	1.523	94	525	0.083	ug/L	96
13) Acetone	2.179	43	14630	18.560	ug/L	91
35) Methylcyclohexane	6.072	83	10598	0.762	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	4574	0.591	ug/L #	83
39) cis-1,3-Dichloropropene	6.985	75	1215	0.109	ug/L #	42
42) Toluene	7.400	91	3508	0.099	ug/L	99
48) 2-Hexanone	8.153	43	3971	1.580	ug/L #	93
61) 1,2,3-Trichloropropane	11.249	75	5887	1.665	ug/L #	65

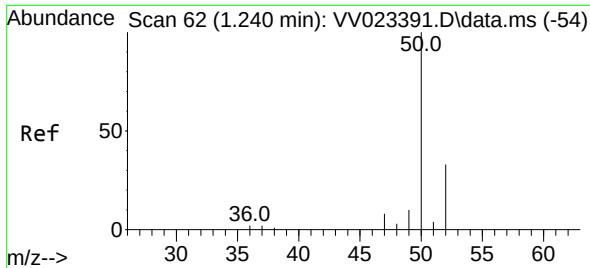
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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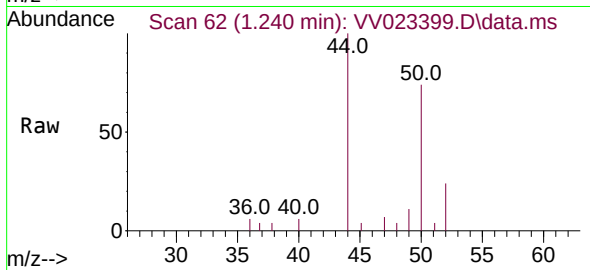
Quant Time: Nov 12 02:08:23 2021
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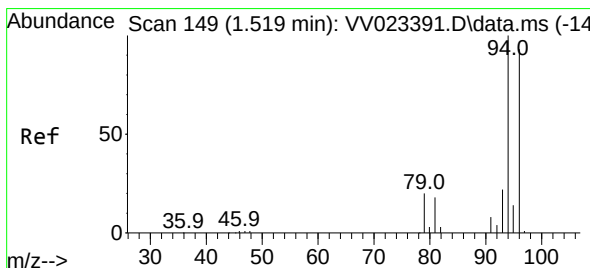
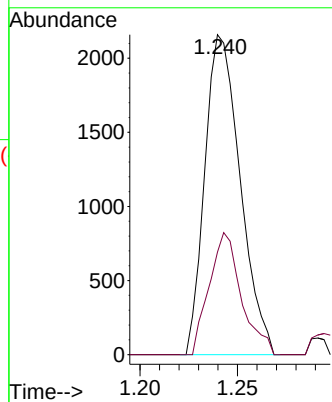
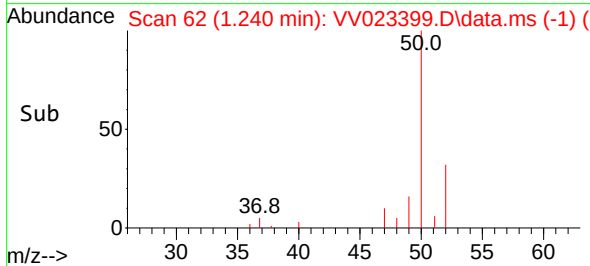


#3
Chloromethane
Concen: 0.275 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023399.D
Acq: 11 Nov 2021 19:47

Instrument :
MSVOA_V
ClientSampleId :

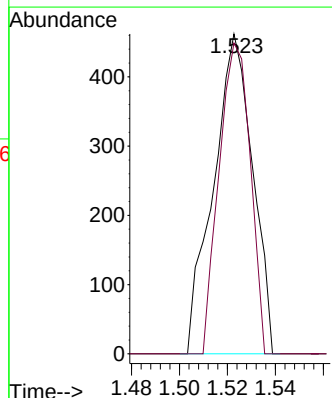
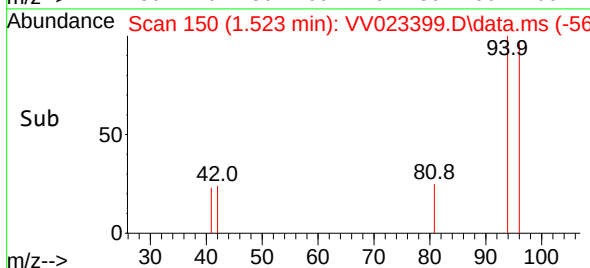
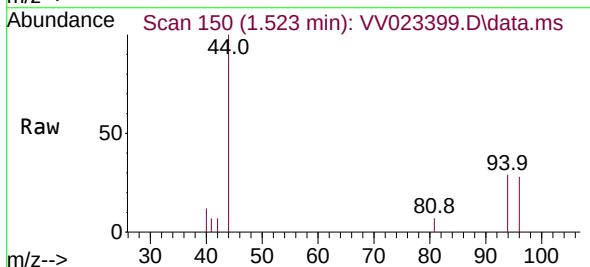


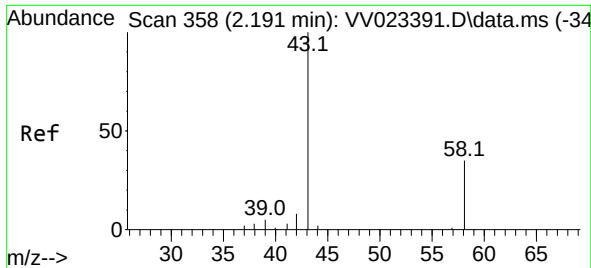
Tgt Ion: 50 Resp: 2721
Ion Ratio Lower Upper
50 100
52 32.1 24.3 45.1



#6
Bromomethane
Concen: 0.083 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV023399.D
Acq: 11 Nov 2021 19:47

Tgt Ion: 94 Resp: 525
Ion Ratio Lower Upper
94 100
96 97.2 65.0 120.8





#13

Acetone

Concen: 18.560 ug/L

RT: 2.179 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV023399.D

Acq: 11 Nov 2021 19:47

Instrument :

MSVOA_V

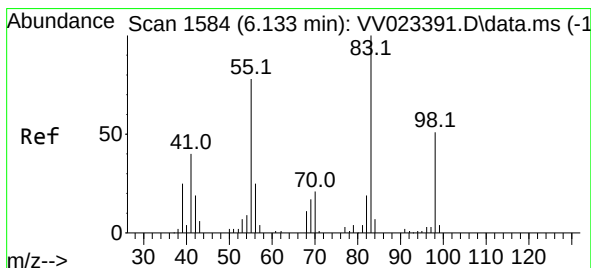
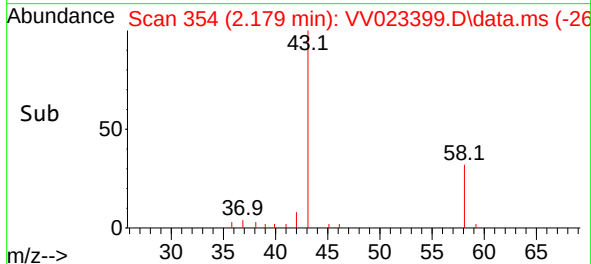
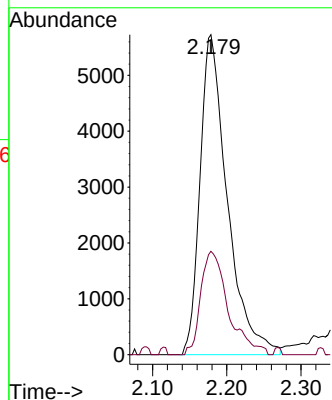
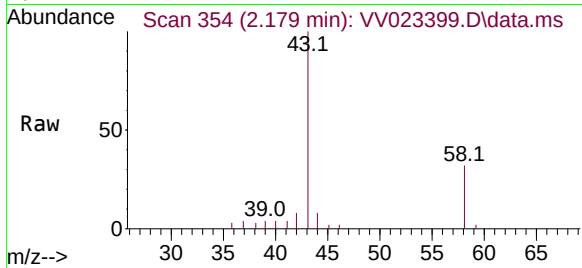
ClientSampleId :

Tgt Ion: 43 Resp: 14630

Ion Ratio Lower Upper

43 100

58 32.5 0.0 55.4



#35

Methylcyclohexane

Concen: 0.762 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV023399.D

Acq: 11 Nov 2021 19:47

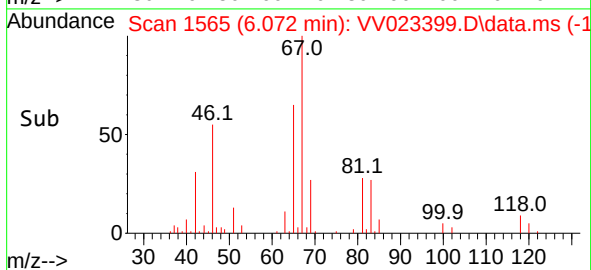
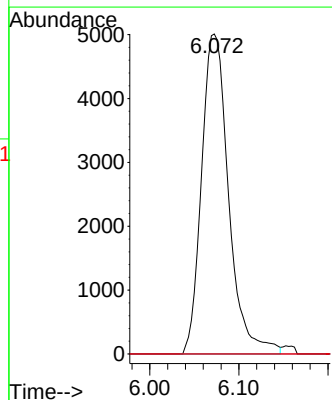
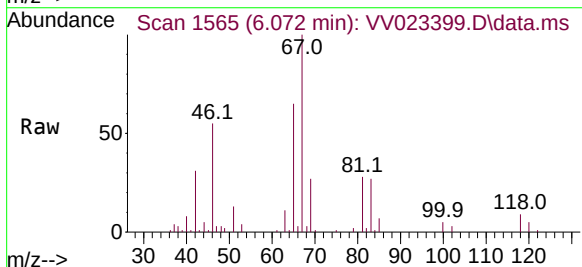
Tgt Ion: 83 Resp: 10598

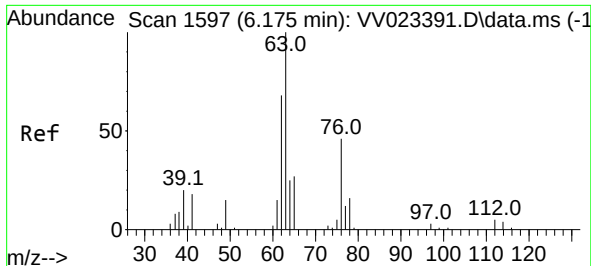
Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 7.6 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.591 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV023399.D

Acq: 11 Nov 2021 19:47

Instrument :

MSVOA_V

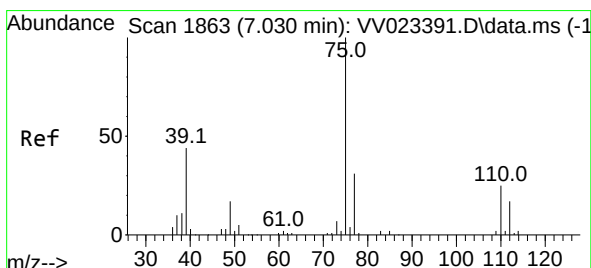
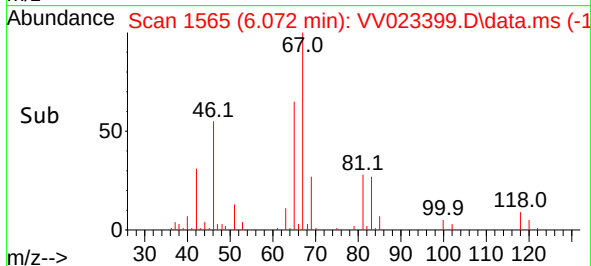
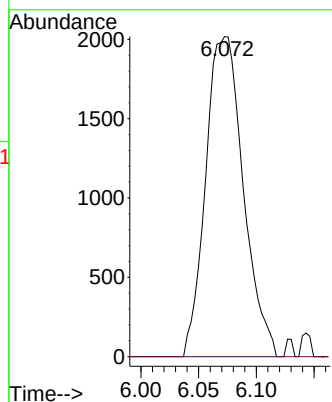
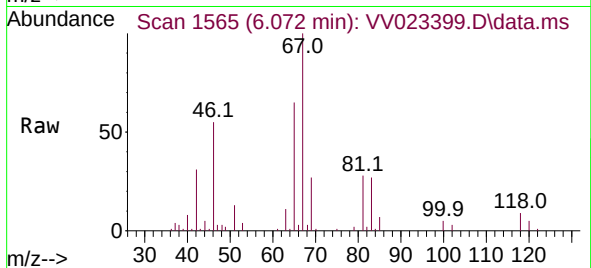
ClientSampleId :

Tgt Ion: 63 Resp: 4574

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.045 min

Lab File: VV023399.D

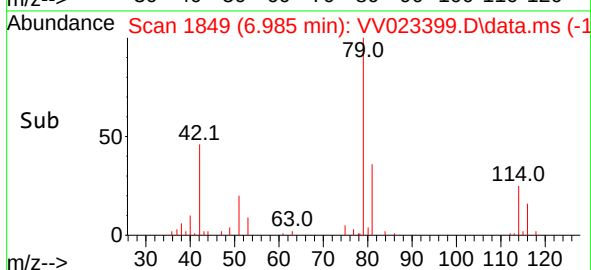
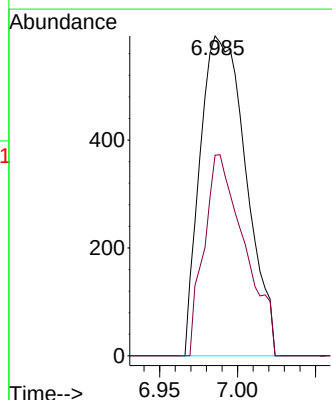
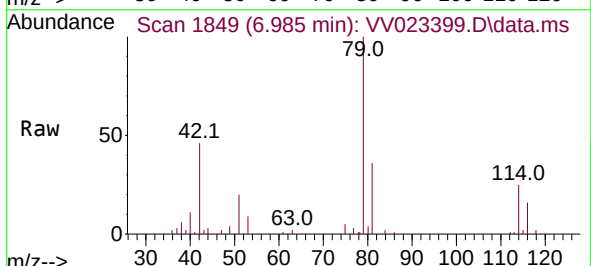
Acq: 11 Nov 2021 19:47

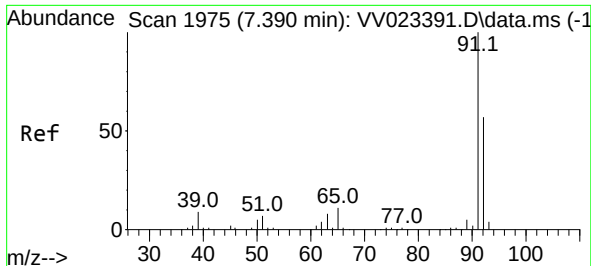
Tgt Ion: 75 Resp: 1215

Ion Ratio Lower Upper

75 100

77 62.7 21.6 40.2#





#42

Toluene

Concen: 0.099 ug/L

RT: 7.400 min Scan# 1975

Delta R.T. 0.010 min

Lab File: VV023399.D

Acq: 11 Nov 2021 19:47

Instrument :

MSVOA_V

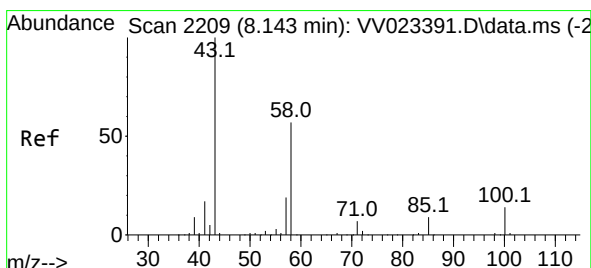
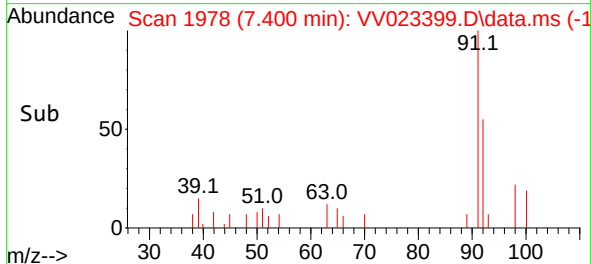
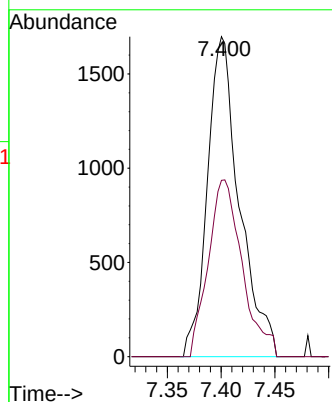
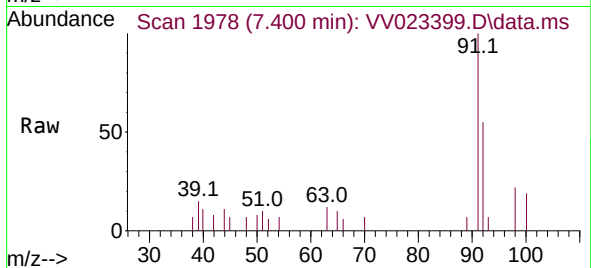
ClientSampleId :

Tgt Ion: 91 Resp: 3508

Ion Ratio Lower Upper

91 100

92 55.1 39.3 72.9



#48

2-Hexanone

Concen: 1.580 ug/L

RT: 8.153 min Scan# 2212

Delta R.T. 0.010 min

Lab File: VV023399.D

Acq: 11 Nov 2021 19:47

Tgt Ion: 43 Resp: 3971

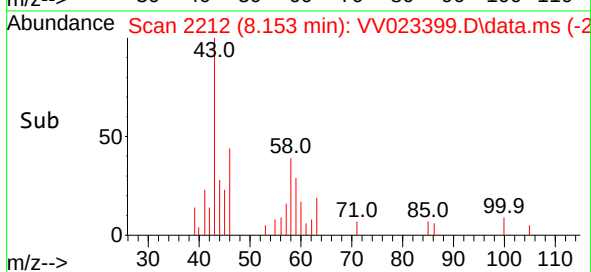
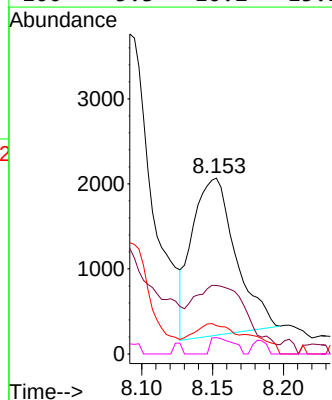
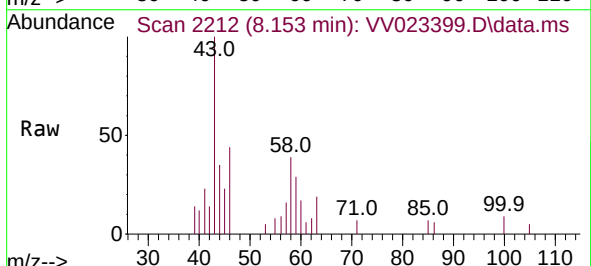
Ion Ratio Lower Upper

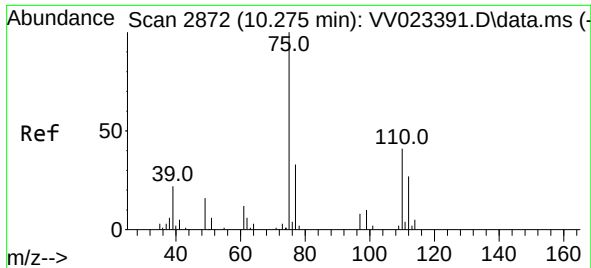
43 100

58 54.3 43.7 65.5

57 24.9 14.1 21.1#

100 5.3 10.2 15.2#





#61

1,2,3-Trichloropropane

Concen: 1.665 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

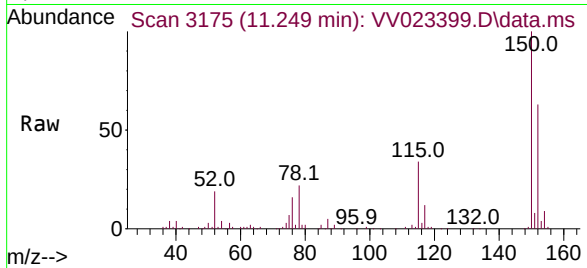
Lab File: VV023399.D

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MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5887

Ion Ratio Lower Upper

75 100

77 35.1 26.6 39.8

110 1.8 31.8 47.6#

