

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023859.D
 Acq On : 09 Dec 2021 14:20
 Operator : SY/MD
 Sample : M4984-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 10 00:42:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

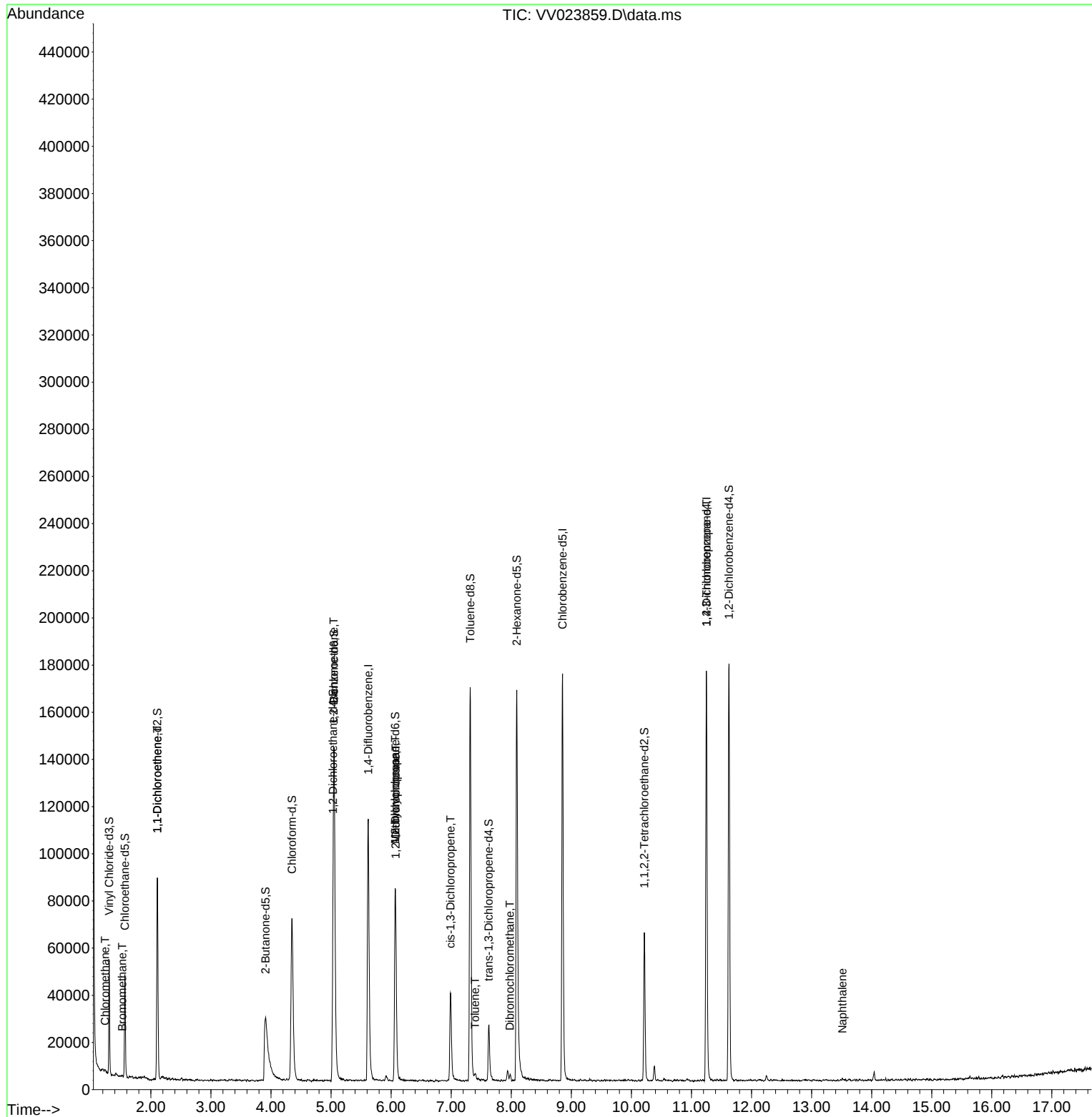
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	98930	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	97608	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48663	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27615	3.400	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.000%	
7) Chloroethane-d5	1.568	69	25369	3.974	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.400%	
11) 1,1-Dichloroethene-d2	2.108	63	42941	3.000	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.000%	
20) 2-Butanone-d5	3.908	46	70872	72.592	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	145.180%#	
24) Chloroform-d	4.349	84	69796	4.935	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4	5.034	65	33472	5.066	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.050	84	127486	4.795	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
36) 1,2-Dichloropropane-d6	6.069	67	38180	5.122	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.316	98	113058	4.551	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
43) trans-1,3-Dichloroprop...	7.625	79	14226	4.735	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.600%	
46) 2-Hexanone-d5	8.091	63	60828	60.932	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	121.860%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27103	5.053	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	47126	5.478	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	453	0.056	ug/L #	74
6) Bromomethane	1.523	94	196	0.040	ug/L	97
12) 1,1-Dichloroethene	2.108	96	445	0.067	ug/L #	1
27) 1,2-Dichloroethane	5.043	62	737	0.098	ug/L #	73
35) Methylcyclohexane	6.069	83	10118	0.871	ug/L #	18
37) 1,2-Dichloropropane	6.075	63	4506	0.681	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1371	0.146	ug/L #	80
42) Toluene	7.400	91	2185	0.072	ug/L	95
49) Dibromochloromethane	7.979	129	448	0.071	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	4661	1.351	ug/L #	62
71) Naphthalene	13.512	128	1011	0.083	ug/L #	79

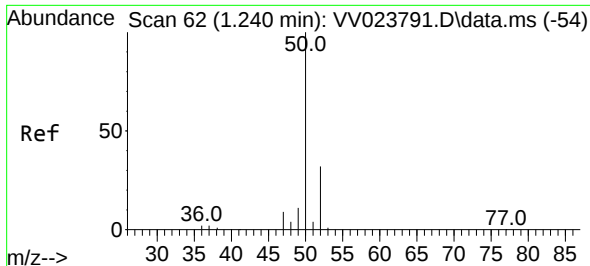
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
ClientSampleId :

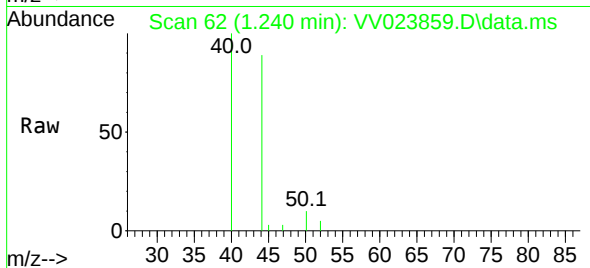
Quant Time: Dec 10 00:42:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
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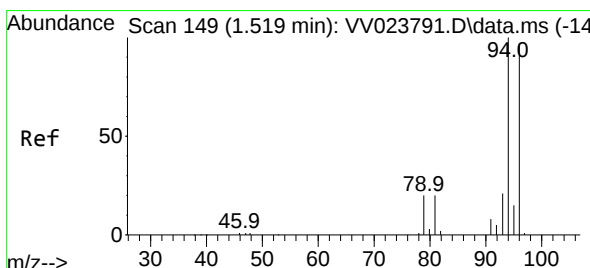
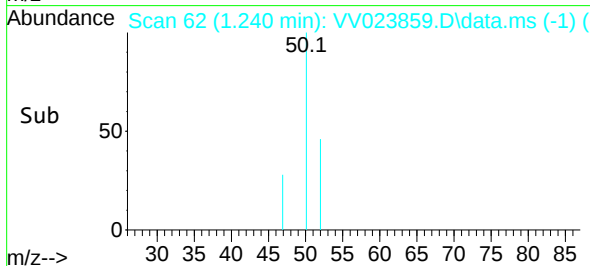
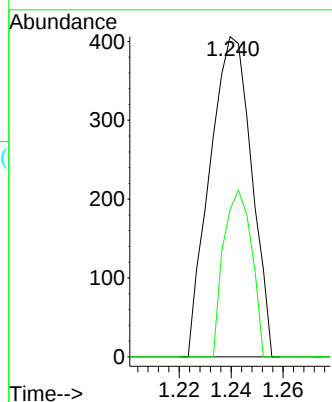


#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV023859.D
Acq: 09 Dec 2021 14:20

Instrument :
MSVOA_V
ClientSampleId :

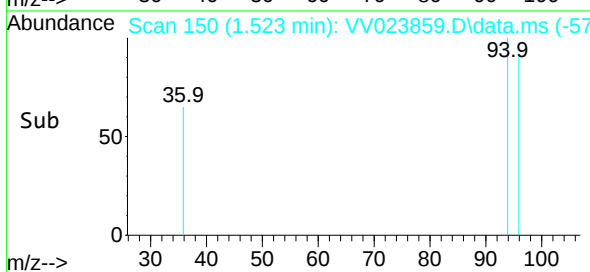
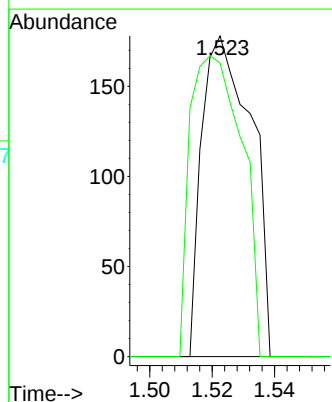
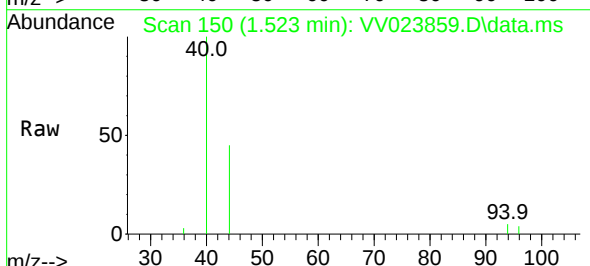


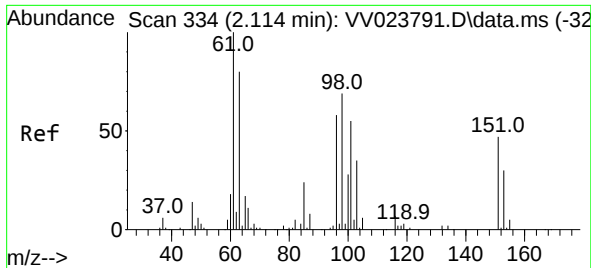
Tgt Ion: 50 Resp: 453
Ion Ratio Lower Upper
50 100
52 46.1 22.0 41.0#



#6
Bromomethane
Concen: 0.040 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV023859.D
Acq: 09 Dec 2021 14:20

Tgt Ion: 94 Resp: 196
Ion Ratio Lower Upper
94 100
96 91.6 66.2 123.0





#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.010 min

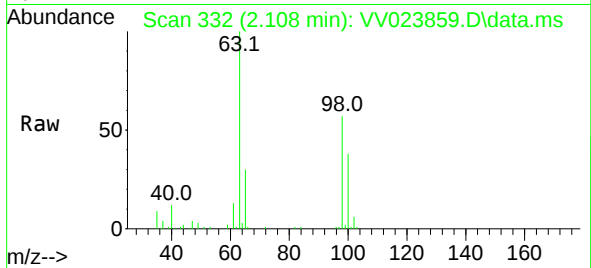
Lab File: VV023859.D

Acq: 09 Dec 2021 14:20

Instrument :

MSVOA_V

ClientSampleId :



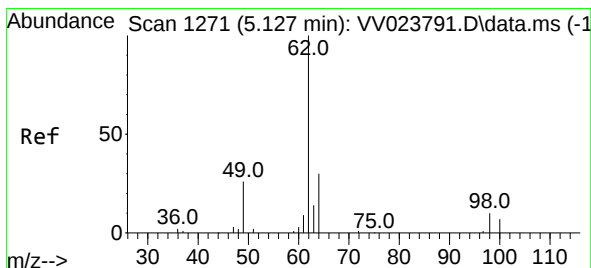
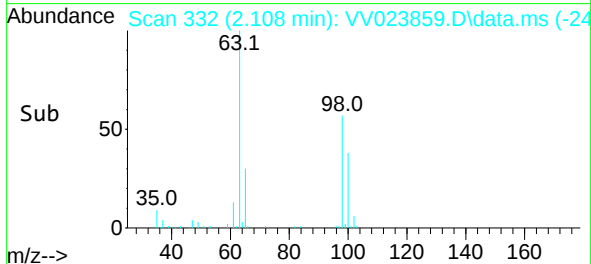
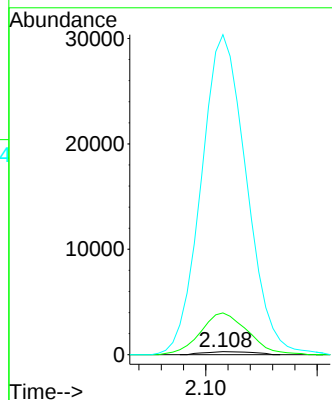
Tgt Ion: 96 Resp: 445

Ion Ratio Lower Upper

96 100

61 1405.0 116.1 215.5#

63 10766.0 79.4 147.4#



#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.084 min

Lab File: VV023859.D

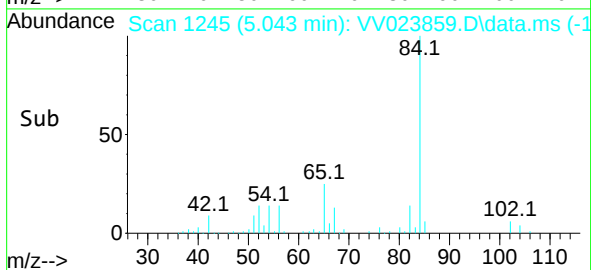
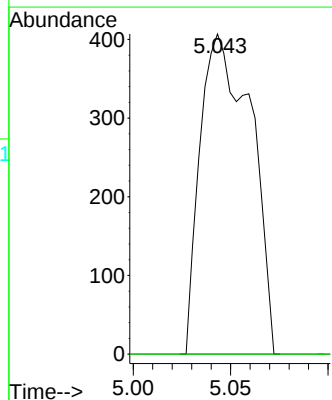
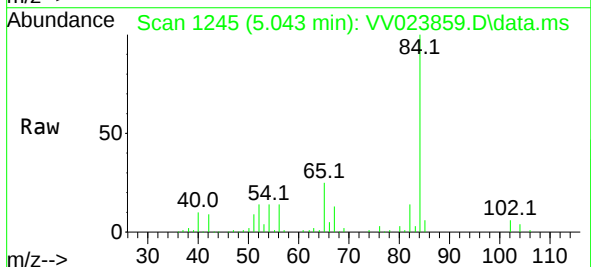
Acq: 09 Dec 2021 14:20

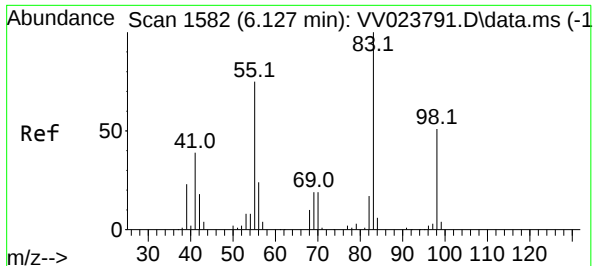
Tgt Ion: 62 Resp: 737

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#





#35

Methylcyclohexane

Concen: 0.871 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV023859.D

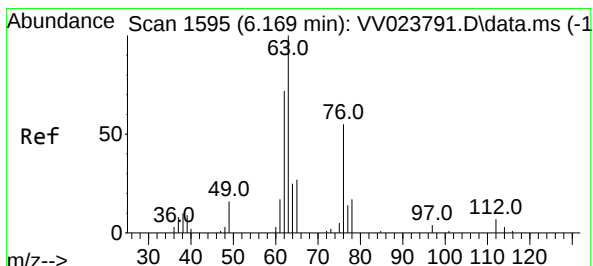
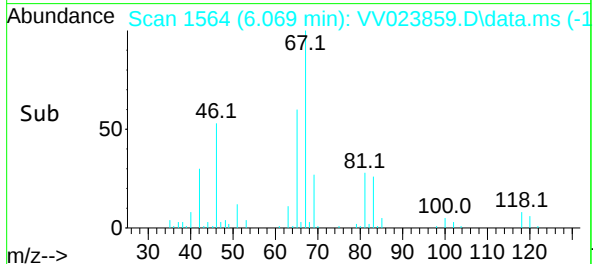
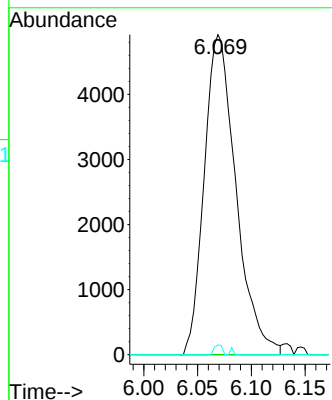
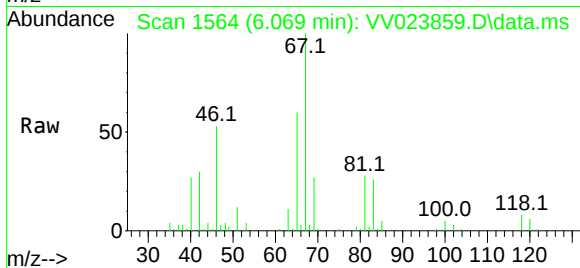
Acq: 09 Dec 2021 14:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 10118
Ion Ratio	Lower Upper
83 100	
55 0.0	60.2 90.2#
98 0.8	41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.681 ug/L

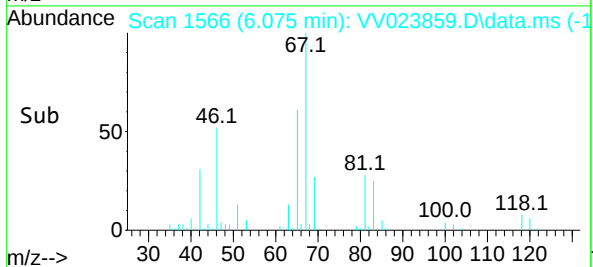
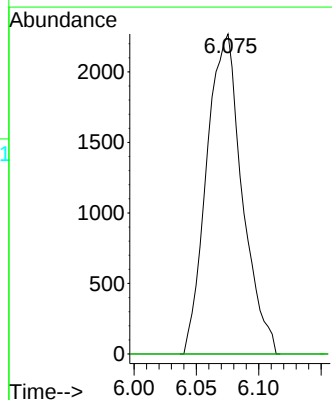
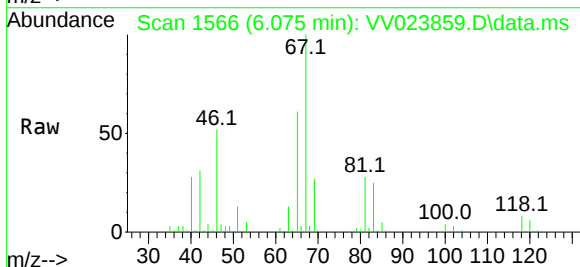
RT: 6.075 min Scan# 1566

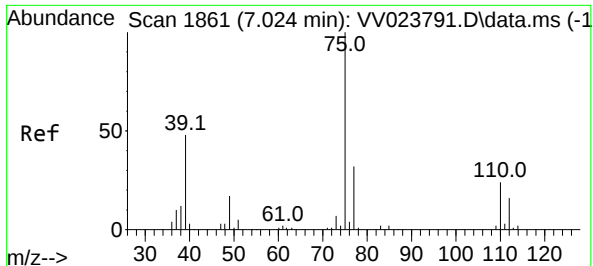
Delta R.T. -0.093 min

Lab File: VV023859.D

Acq: 09 Dec 2021 14:20

Tgt Ion: 63	Resp: 4506
Ion Ratio	Lower Upper
63 100	
112 0.0	4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.146 ug/L

RT: 6.989 min Scan# 1861

Delta R.T. -0.035 min

Lab File: VV023859.D

Acq: 09 Dec 2021 14:20

Instrument :

MSVOA_V

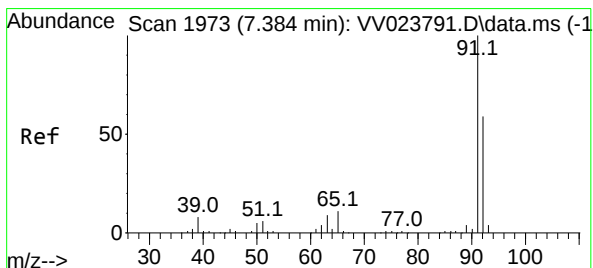
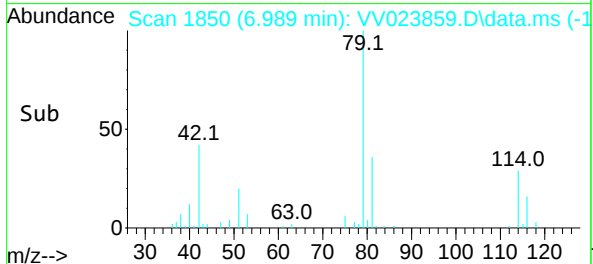
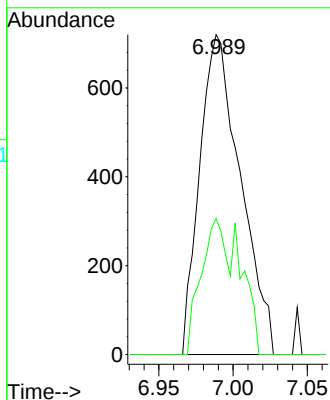
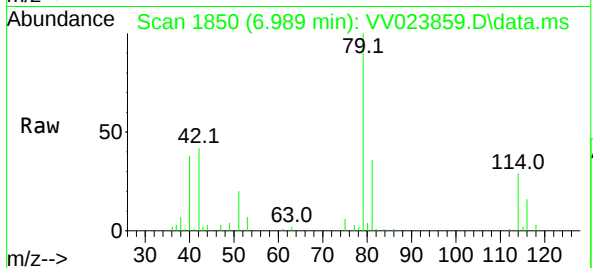
ClientSampleId :

Tgt Ion: 75 Resp: 1371

Ion Ratio Lower Upper

75 100

77 42.5 22.0 41.0#



#42

Toluene

Concen: 0.072 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV023859.D

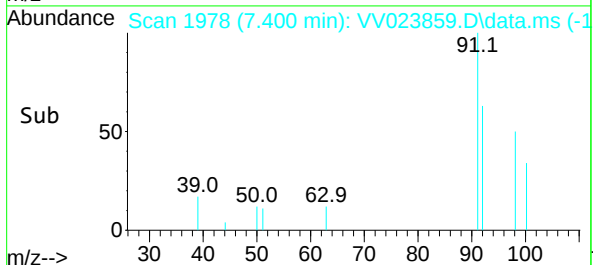
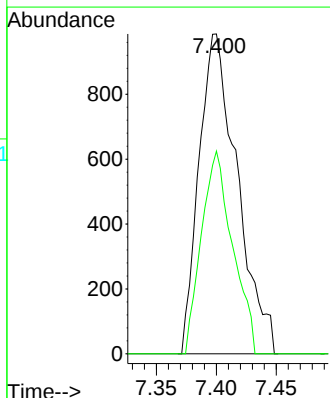
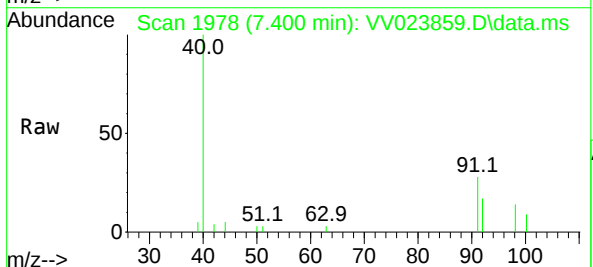
Acq: 09 Dec 2021 14:20

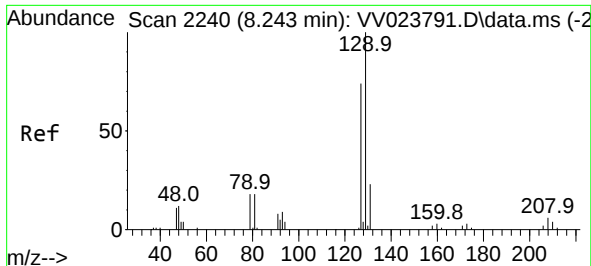
Tgt Ion: 91 Resp: 2185

Ion Ratio Lower Upper

91 100

92 63.4 41.5 77.1





#49

Dibromochloromethane

Concen: 0.071 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV023859.D

Acq: 09 Dec 2021 14:20

Instrument :

MSVOA_V

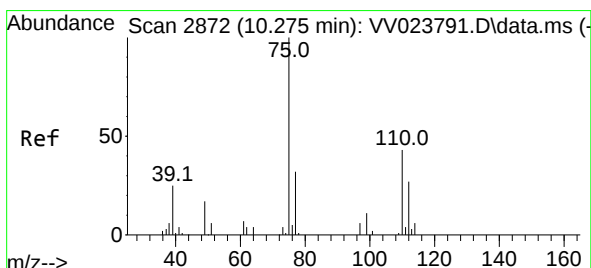
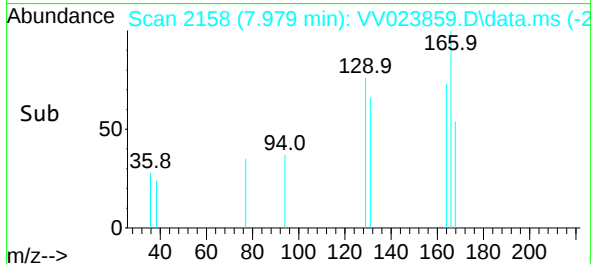
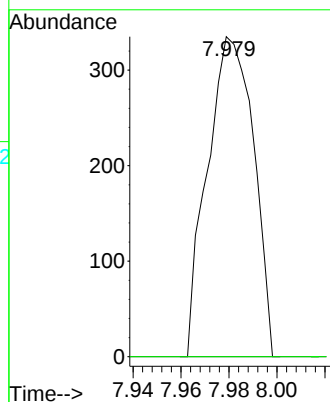
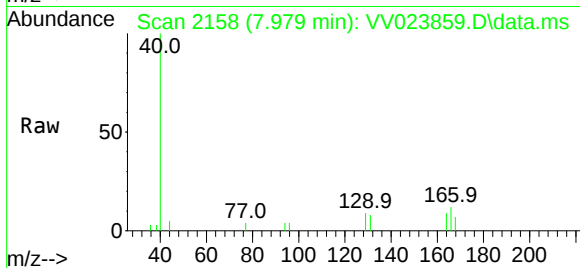
ClientSampleId :

Tgt Ion:129 Resp: 448

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.351 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV023859.D

Acq: 09 Dec 2021 14:20

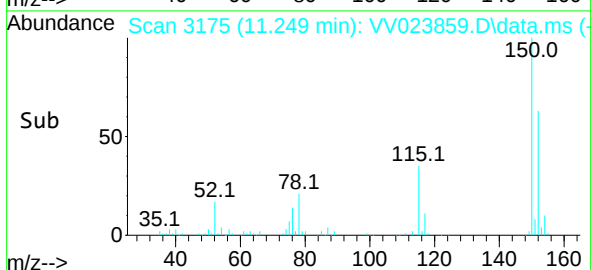
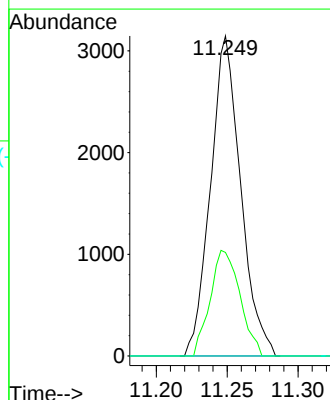
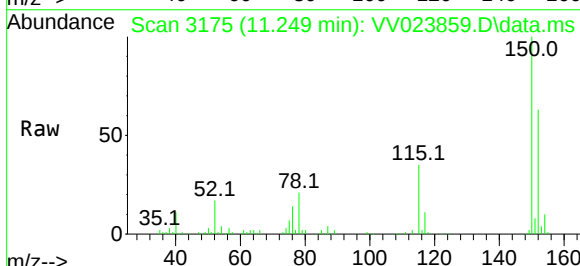
Tgt Ion: 75 Resp: 4661

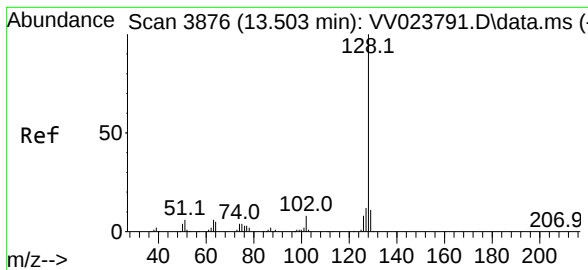
Ion Ratio Lower Upper

75 100

77 32.6 26.4 39.6

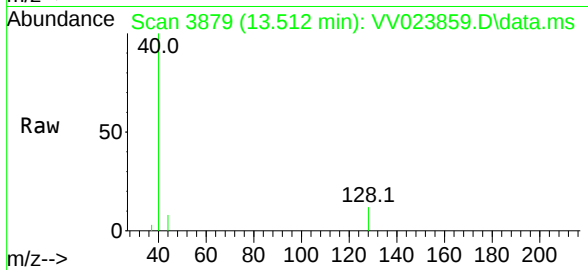
110 0.0 34.2 51.2#





#71
Naphthalene
Concen: 0.083 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV023859.D
Acq: 09 Dec 2021 14:20

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.4#
127	7.3	10.2	15.4#

