

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW090622\
 Data File : VW027760.D
 Acq On : 06 Sep 2022 22:56
 Operator : SY/MD
 Sample : N4402-11DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVB4DL

Quant Time: Sep 07 06:31:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		5.616	114	145718	5.000	ug/L	0.02
28) Chlorobenzene-d5		8.850	117	144569	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.246	152	64104	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.307	65	51711	5.384	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.600%	
7) Chloroethane-d5		1.568	69	44071	5.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.200%	
11) 1,1-Dichloroethene-d2		2.108	63	80500	3.950	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%	
20) 2-Butanone-d5		3.889	46	55845	26.234	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	52.460%	
24) Chloroform-d		4.346	84	100752	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%	
26) 1,2-Dichloroethane-d4		5.031	65	48279	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%	
32) Benzene-d6		5.047	84	184993	4.411	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%	
36) 1,2-Dichloropropane-d6		6.066	67	53935	4.392	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%	
41) Toluene-d8		7.313	98	155094	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%	
43) trans-1,3-Dichloroprop...		7.622	79	17550	4.260	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%	
46) 2-Hexanone-d5		8.088	63	65118	42.525	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.040%	
56) 1,1,2,2-Tetrachloroeth...		10.214	84	34831	4.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%	
66) 1,2-Dichlorobenzene-d4		11.622	152	53257	5.057	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%	
Target Compounds							
						Qvalue	
3) Chloromethane		1.240	50	816	0.063	ug/L #	50
5) Vinyl chloride		1.310	62	4549	0.347	ug/L #	73
6) Bromomethane		1.523	94	291	0.041	ug/L	79
12) 1,1-Dichloroethene		2.108	96	792	0.082	ug/L #	1
22) cis-1,2-Dichloroethene		3.912	96	46243	4.160	ug/L #	82
27) 1,2-Dichloroethane		5.047	62	1118	0.087	ug/L #	75
34) Trichloroethene		5.921	95	5578	0.467	ug/L	84
35) Methylcyclohexane		6.069	83	14347	0.782	ug/L #	18
37) 1,2-Dichloropropane		6.066	63	6422	0.567	ug/L #	85
39) cis-1,3-Dichloropropene		6.989	75	1434	0.100	ug/L #	74
47) Tetrachloroethene		7.973	164	44141	4.603	ug/L	96
49) Dibromochloromethane		7.973	129	31836	3.416	ug/L #	10
50) 1,2-Dibromoethane		8.320	107	281	0.042	ug/L #	1
53) m,p-Xylene		9.140	106	4941	0.262	ug/L	94
60) Isopropylbenzene		9.143	105	2480	0.062	ug/L #	29
61) 1,2,3-Trichloropropane		11.246	75	6363	1.253	ug/L #	61

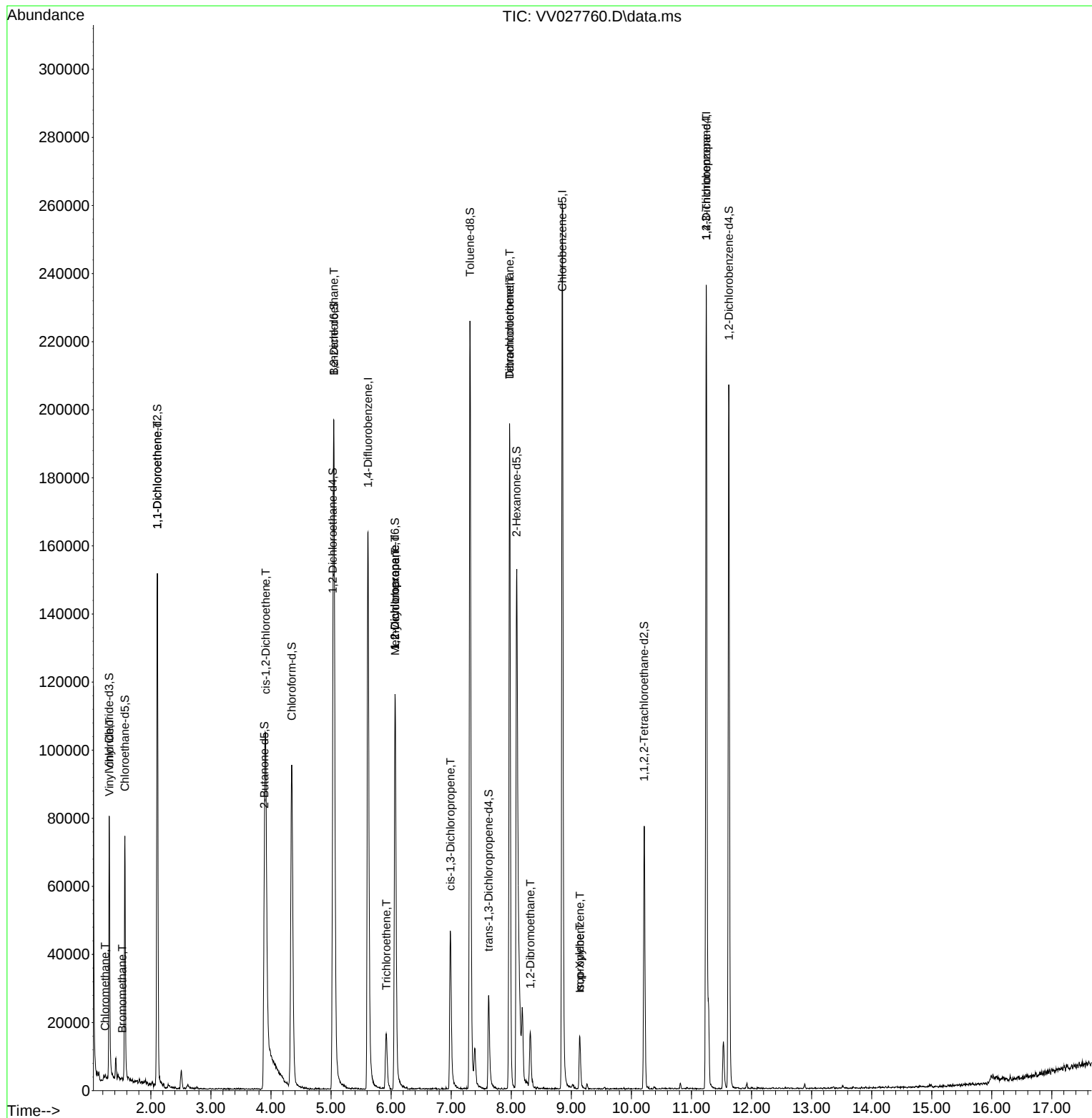
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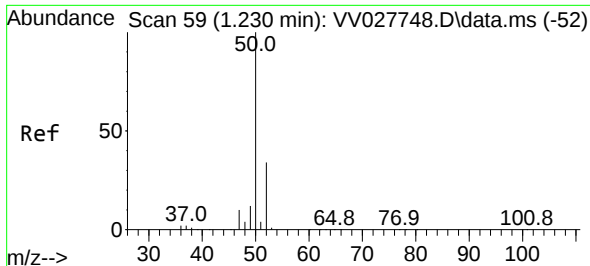
Instrument :
MSVOA_V
ClientSampleId :
DBVB4DL

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Quant Time: Sep 07 06:31:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 07 06:13:02 2022
Response via : Initial Calibration

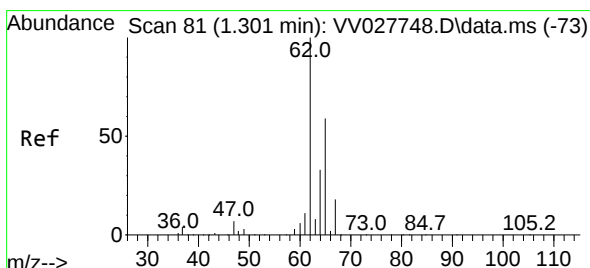
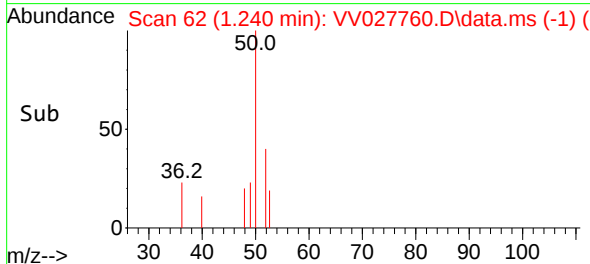
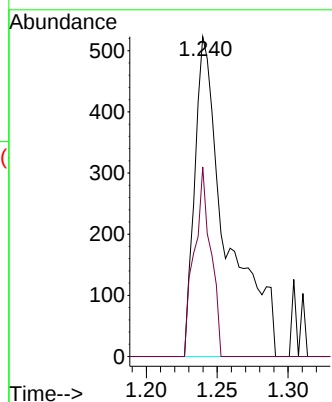
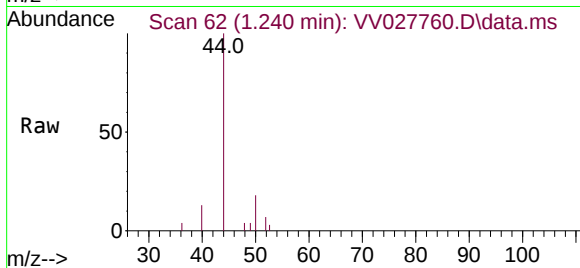




#3
Chloromethane
Concen: 0.063 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV027760.D
Acq: 06 Sep 2022 22:56

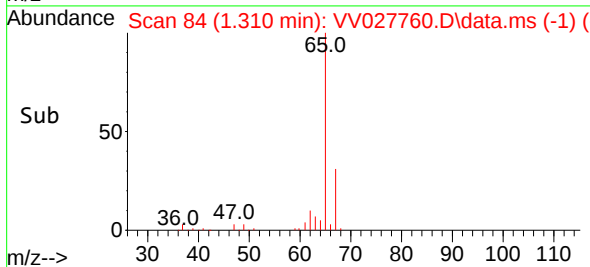
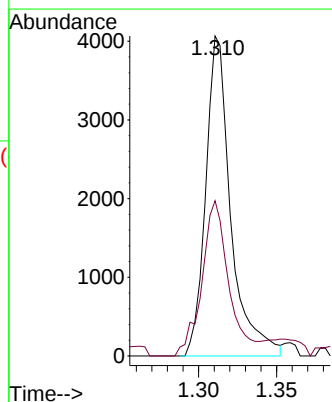
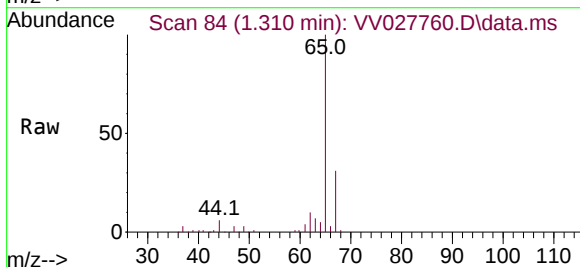
Instrument :
MSVOA_V
ClientSampleId :
DBVB4DL

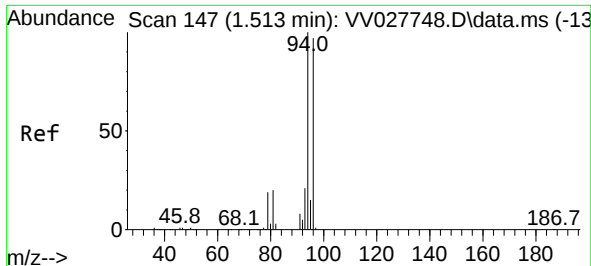
Tgt Ion: 50 Resp: 816
Ion Ratio Lower Upper
50 100
52 59.3 22.1 41.1#



#5
Vinyl chloride
Concen: 0.347 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.010 min
Lab File: VV027760.D
Acq: 06 Sep 2022 22:56

Tgt Ion: 62 Resp: 4549
Ion Ratio Lower Upper
62 100
64 48.5 23.2 43.2#

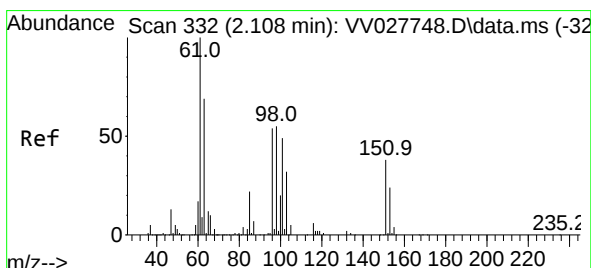
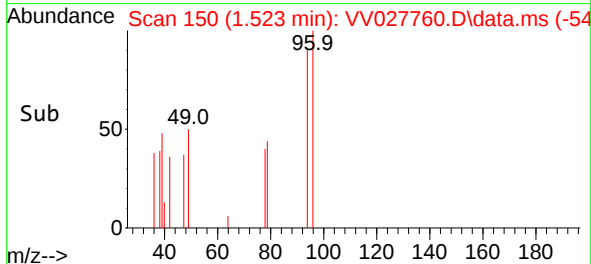
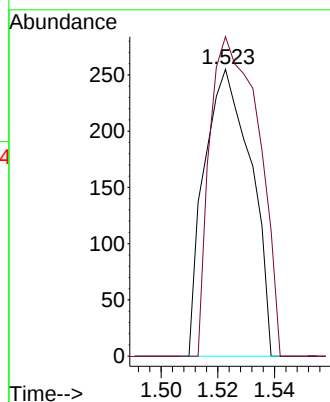
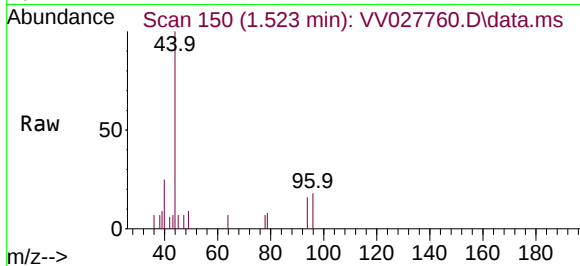




#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV027760.D
Acq: 06 Sep 2022 22:56

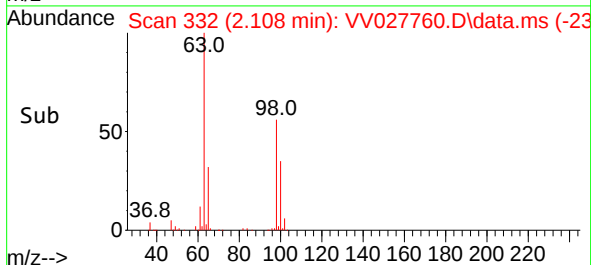
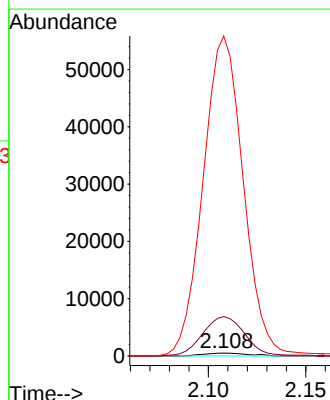
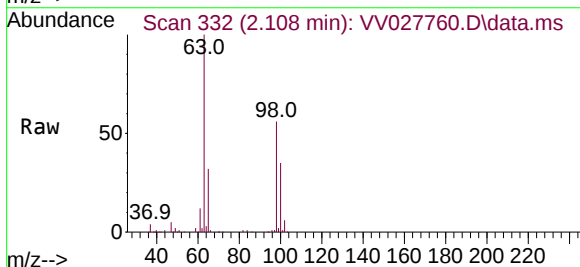
Instrument :
MSVOA_V
ClientSampleId :
DBVB4DL

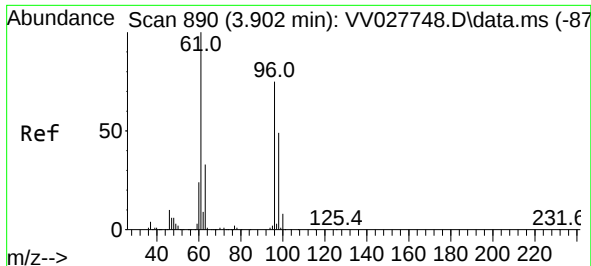
Tgt Ion: 94 Resp: 291
Ion Ratio Lower Upper
94 100
96 111.4 64.2 119.2



#12
1,1-Dichloroethene
Concen: 0.082 ug/L
RT: 2.108 min Scan# 332
Delta R.T. 0.000 min
Lab File: VV027760.D
Acq: 06 Sep 2022 22:56

Tgt Ion: 96 Resp: 792
Ion Ratio Lower Upper
96 100
61 1350.8 129.9 241.3#
63 10995.3 94.6 175.8#

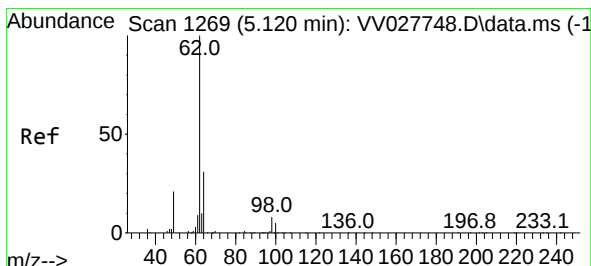
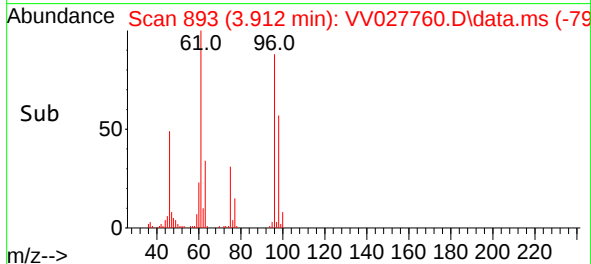
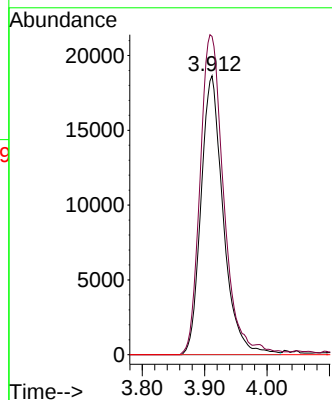
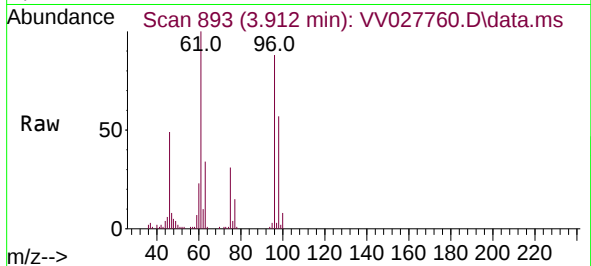




#22
 cis-1,2-Dichloroethene
 Concen: 4.160 ug/L
 RT: 3.912 min Scan# 890
 Delta R.T. 0.010 min
 Lab File: VV027760.D
 Acq: 06 Sep 2022 22:56

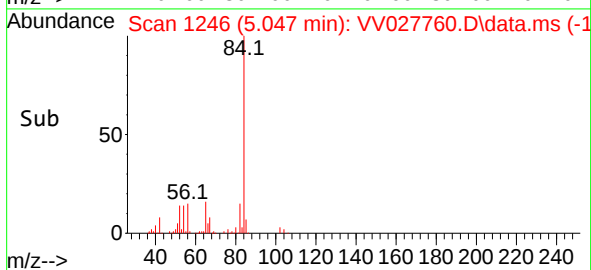
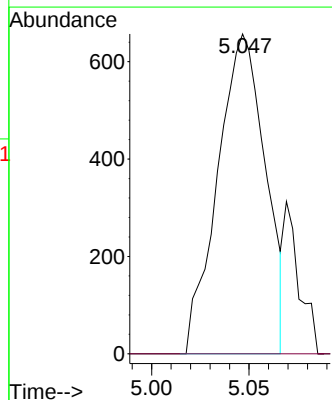
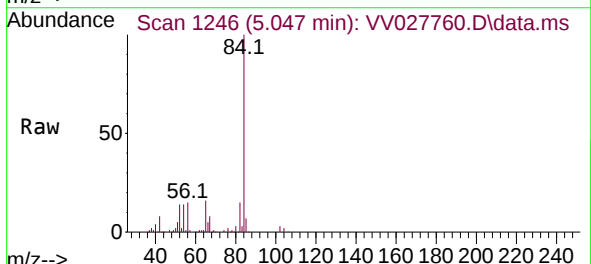
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVB4DL

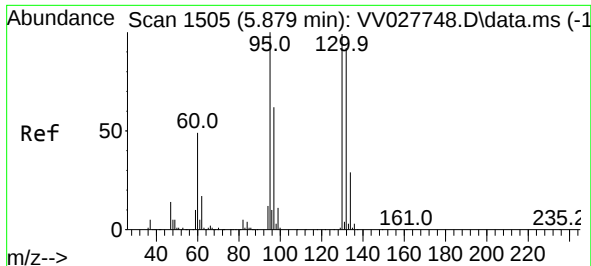
Tgt Ion: 96 Resp: 46243
 Ion Ratio Lower Upper
 96 100
 61 114.1 94.6 175.6
 68 0.0 0.3 0.5#



#27
 1,2-Dichloroethane
 Concen: 0.087 ug/L
 RT: 5.047 min Scan# 1246
 Delta R.T. -0.074 min
 Lab File: VV027760.D
 Acq: 06 Sep 2022 22:56

Tgt Ion: 62 Resp: 1118
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.1 10.7#





#34

Trichloroethene

Concen: 0.467 ug/L

RT: 5.921 min Scan# 11

Delta R.T. 0.042 min

Lab File: VV027760.D

Acq: 06 Sep 2022 22:56

Instrument :

MSVOA_V

ClientSampleId :

DBVB4DL

Tgt Ion: 95 Resp: 5578

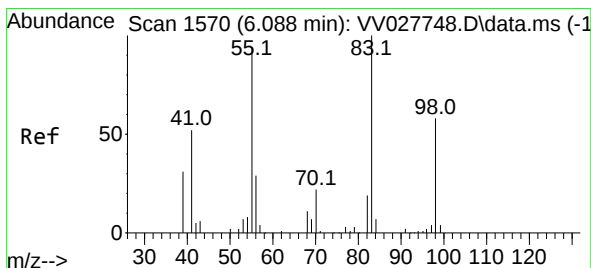
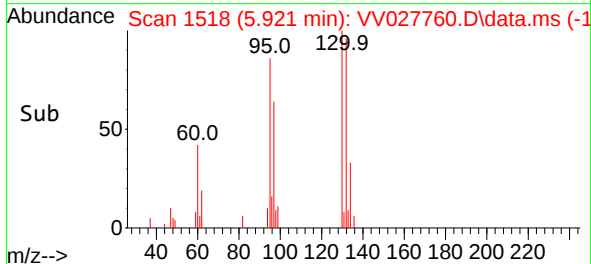
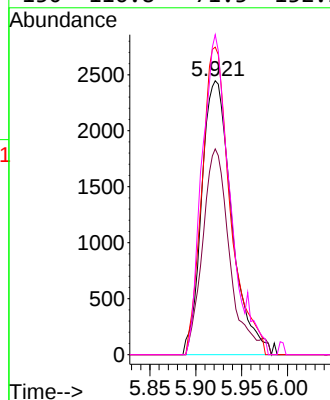
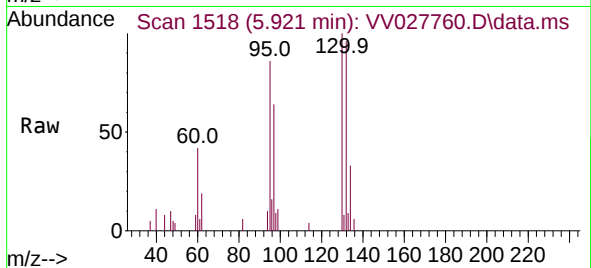
Ion Ratio Lower Upper

95 100

97 75.1 42.9 79.7

132 112.2 67.9 126.1

130 116.8 71.3 132.3



#35

Methylcyclohexane

Concen: 0.782 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.019 min

Lab File: VV027760.D

Acq: 06 Sep 2022 22:56

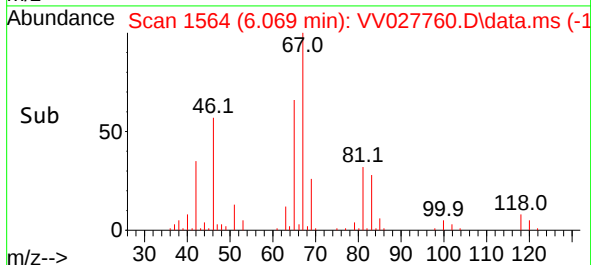
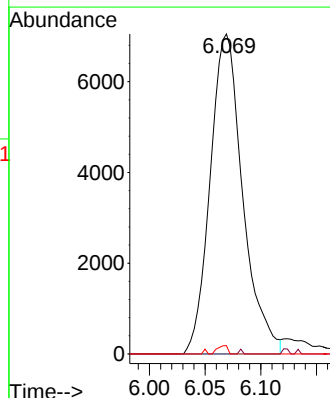
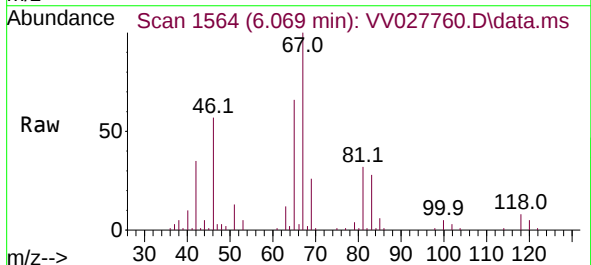
Tgt Ion: 83 Resp: 14347

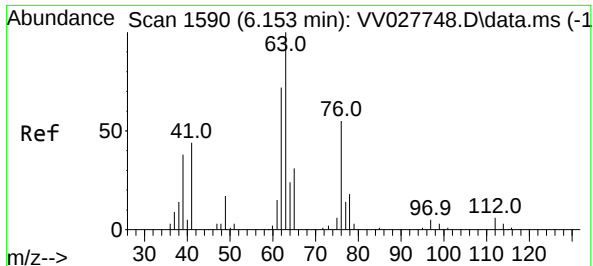
Ion Ratio Lower Upper

83 100

55 0.1 61.9 92.9#

98 0.8 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.087 min

Lab File: VV027760.D

Acq: 06 Sep 2022 22:56

Instrument :

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ClientSampleId :

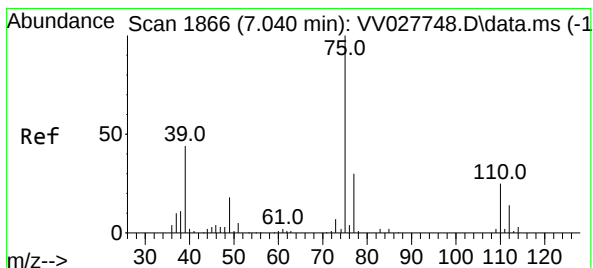
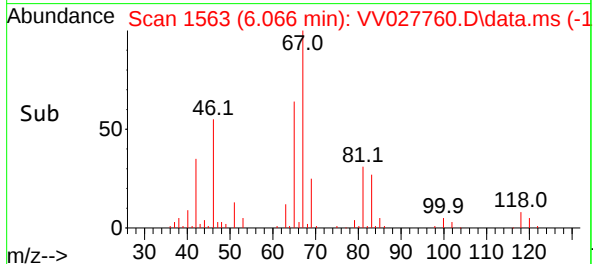
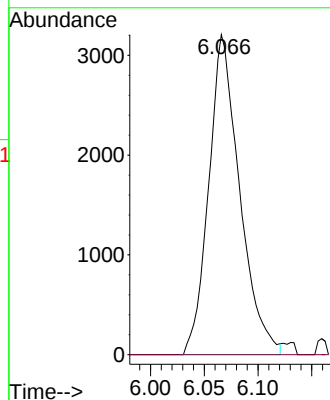
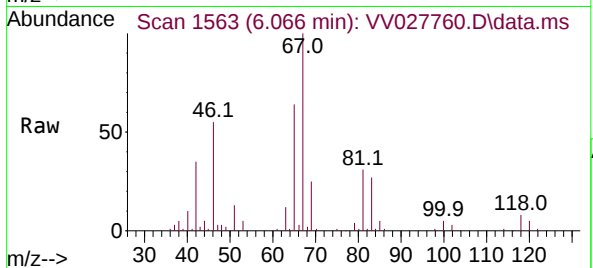
DBVB4DL

Tgt Ion: 63 Resp: 6422

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.051 min

Lab File: VV027760.D

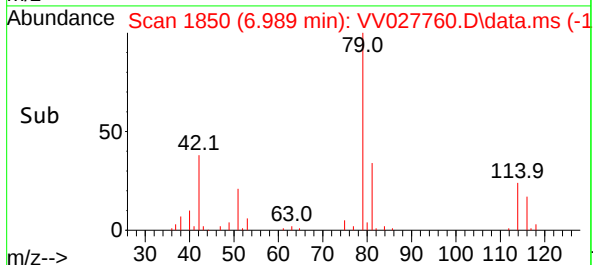
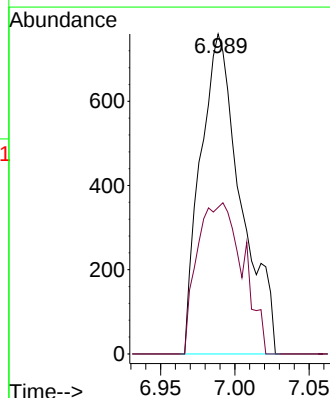
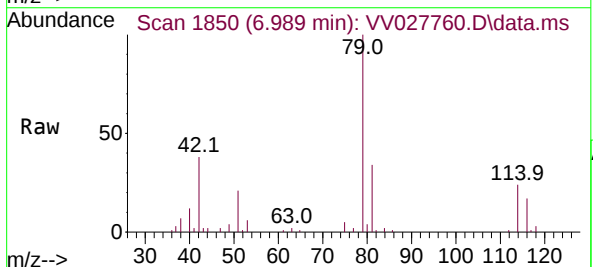
Acq: 06 Sep 2022 22:56

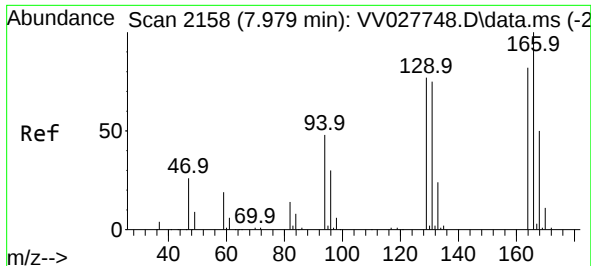
Tgt Ion: 75 Resp: 1434

Ion Ratio Lower Upper

75 100

77 45.8 22.0 40.8#



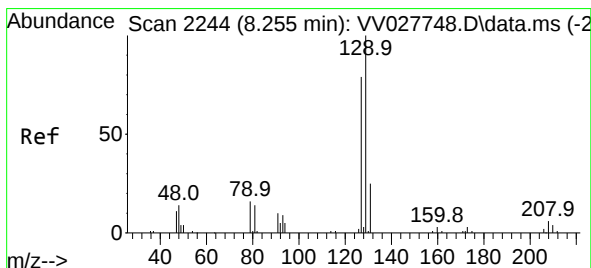
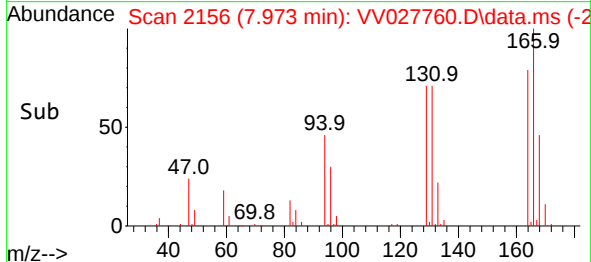
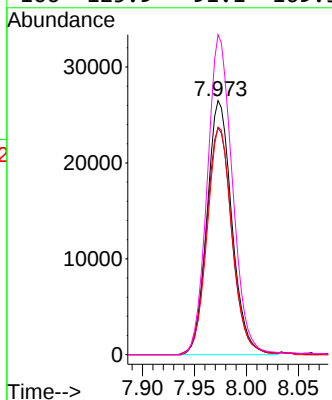
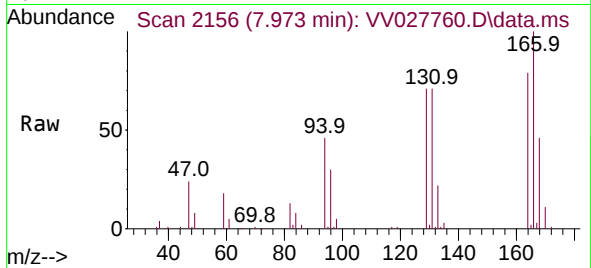


#47
Tetrachloroethene
Concen: 4.603 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.006 min
Lab File: VV027760.D
Acq: 06 Sep 2022 22:56

Instrument :
MSVOA_V
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Tgt Ion:164 Resp: 44141

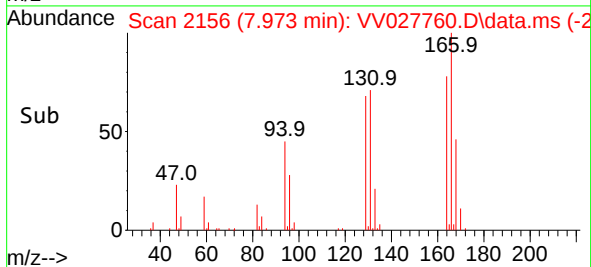
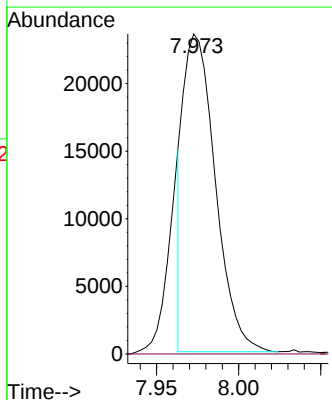
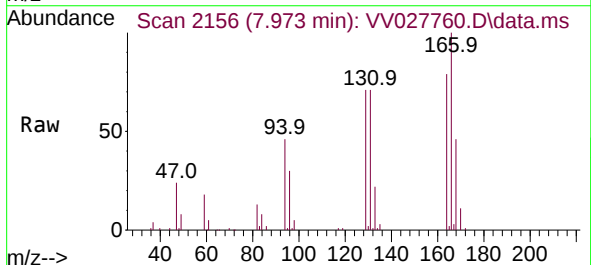
Ion	Ratio	Lower	Upper
164	100		
129	89.3	67.2	124.8
131	89.6	61.5	114.3
166	125.9	91.1	169.3

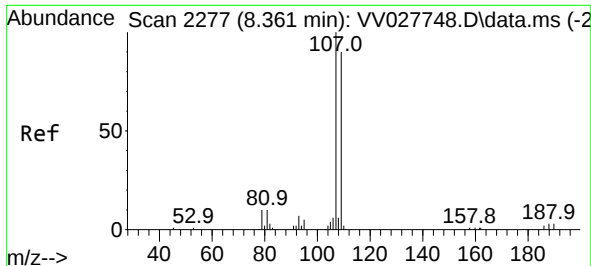


#49
Dibromochloromethane
Concen: 3.416 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.283 min
Lab File: VV027760.D
Acq: 06 Sep 2022 22:56

Tgt Ion:129 Resp: 31836

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#





#50

1,2-Dibromoethane

Concen: 0.042 ug/L

RT: 8.320 min Scan# 21

Delta R.T. -0.042 min

Lab File: VV027760.D

Acq: 06 Sep 2022 22:56

Instrument :

MSVOA_V

ClientSampleId :

DBVB4DL

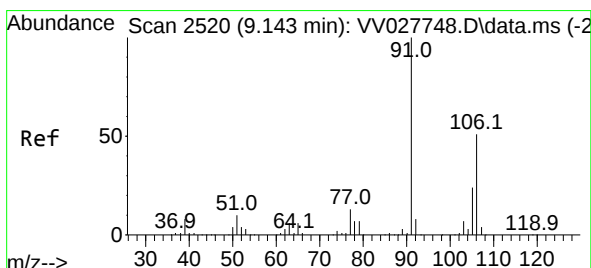
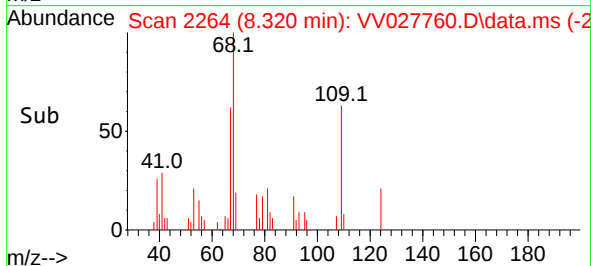
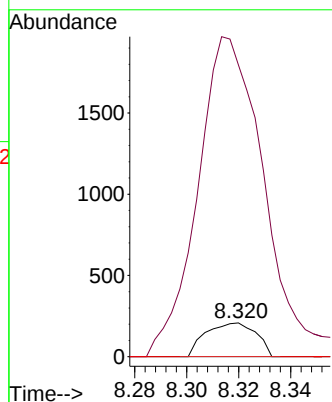
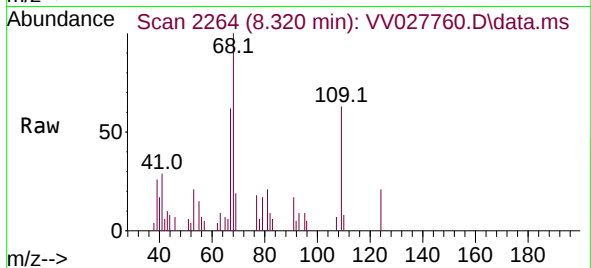
Tgt Ion:107 Resp: 281

Ion Ratio Lower Upper

107 100

109 863.5 65.9 122.5#

188 0.0 3.1 4.7#



#53

m,p-Xylene

Concen: 0.262 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.003 min

Lab File: VV027760.D

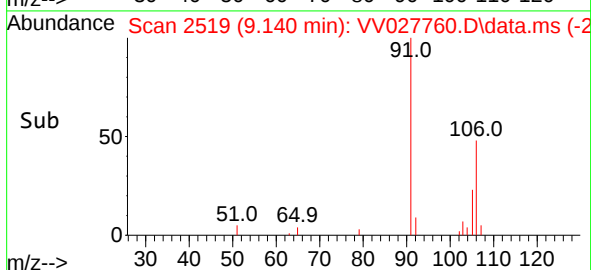
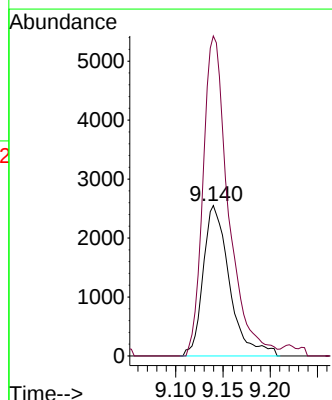
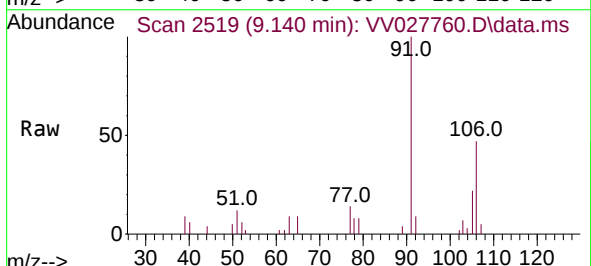
Acq: 06 Sep 2022 22:56

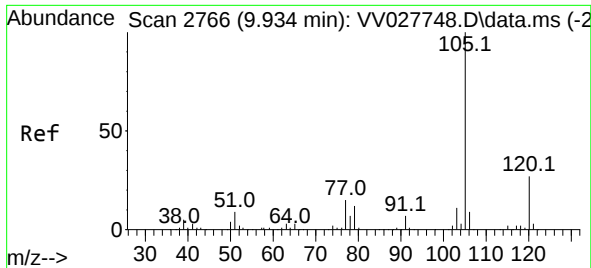
Tgt Ion:106 Resp: 4941

Ion Ratio Lower Upper

106 100

91 212.7 142.4 264.4

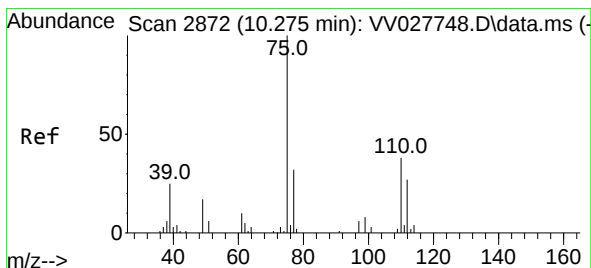
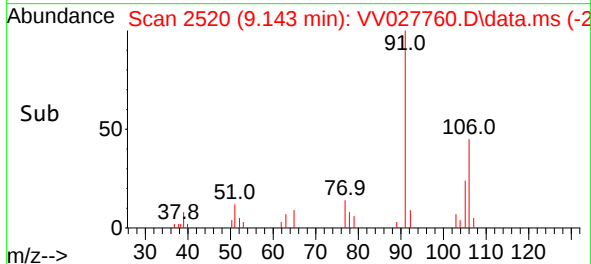
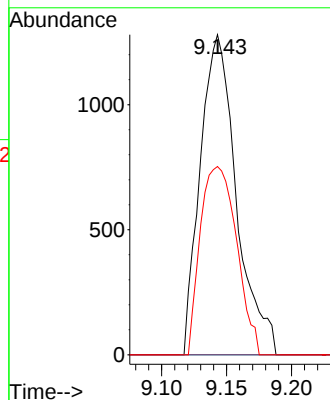
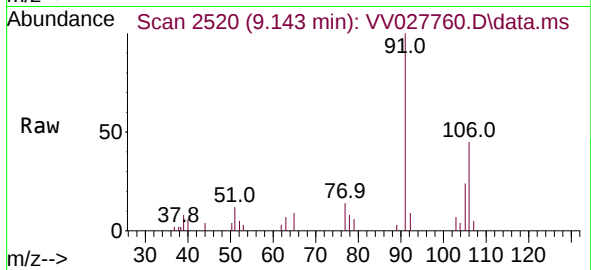




#60
Isopropylbenzene
Concen: 0.062 ug/L
RT: 9.143 min Scan# 21
Delta R.T. -0.791 min
Lab File: VV027760.D
Acq: 06 Sep 2022 22:56

Instrument :
MSVOA_V
ClientSampleId :
DBVB4DL

Tgt Ion:105 Resp: 2480
Ion Ratio Lower Upper
105 100
120 0.0 21.3 31.9#
77 59.0 12.6 18.8#



#61
1,2,3-Trichloropropane
Concen: 1.253 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV027760.D
Acq: 06 Sep 2022 22:56

Tgt Ion: 75 Resp: 6363
Ion Ratio Lower Upper
75 100
77 32.9 27.6 41.4
110 0.3 35.6 53.4#

