

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102822\
 Data File : VW028760.D
 Acq On : 28 Oct 2022 16:30
 Operator : SY/MD
 Sample : N5233-09DL2 800X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA77DL2

Quant Time: Oct 28 21:54:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 21:50:06 2022
 Response via : Initial Calibration

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

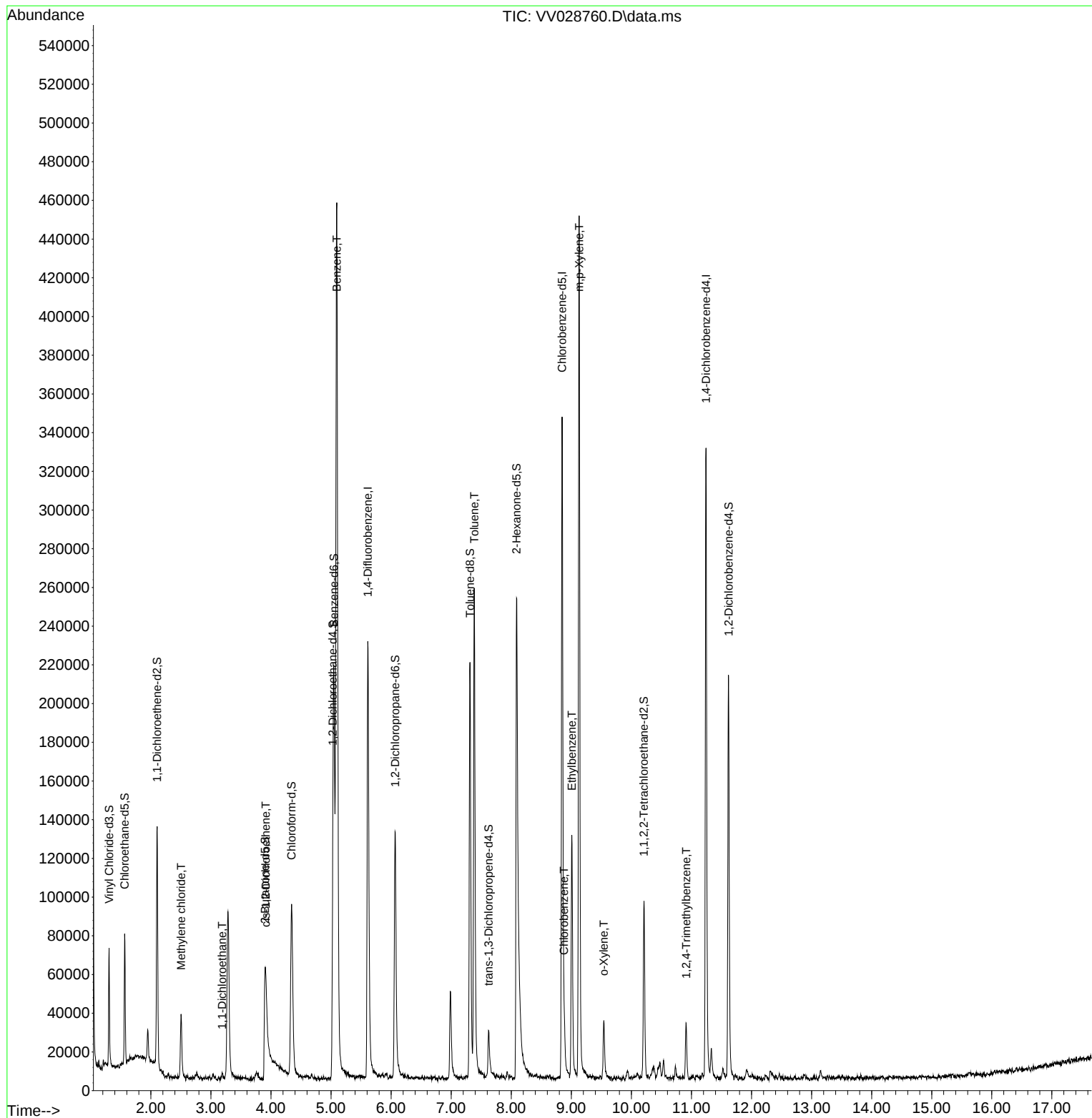
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	184791	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	172775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	78963	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39971	3.110	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.200%	
7) Chloroethane-d5	1.564	69	42618	3.922	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.400%	
11) 1,1-Dichloroethene-d2	2.105	63	67750	2.725	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	54.600%#	
20) 2-Butanone-d5	3.902	46	116471	39.744	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.480%	
24) Chloroform-d	4.342	84	89642	4.017	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
26) 1,2-Dichloroethane-d4	5.031	65	50816	4.488	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
32) Benzene-d6	5.047	84	174742	3.782	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.600%	
36) 1,2-Dichloropropane-d6	6.066	67	64972	4.442	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.800%	
41) Toluene-d8	7.313	98	138042	3.829	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.600%	
43) trans-1,3-Dichloroprop...	7.622	79	14993	3.299	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	66.000%	
46) 2-Hexanone-d5	8.088	63	113132	53.484	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.960%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	46508	4.795	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.800%	
66) 1,2-Dichlorobenzene-d4	11.619	152	49223	4.519	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.400%	
Target Compounds						
					Qvalue	
16) Methylene chloride	2.503	84	12944	0.924	ug/L	93
19) 1,1-Dichloroethane	3.188	63	2398	0.097	ug/L #	86
22) cis-1,2-Dichloroethene	3.912	96	8453	0.690	ug/L #	84
33) Benzene	5.095	78	441436	8.549	ug/L	100
42) Toluene	7.384	91	179679	3.670	ug/L	100
51) Chlorobenzene	8.879	112	11869	0.385	ug/L	98
52) Ethylbenzene	9.008	91	87382	1.606	ug/L	97
53) m,p-Xylene	9.130	106	112227	5.712	ug/L	100
54) o-Xylene	9.542	106	7918	0.401	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	14859	0.370	ug/L	100

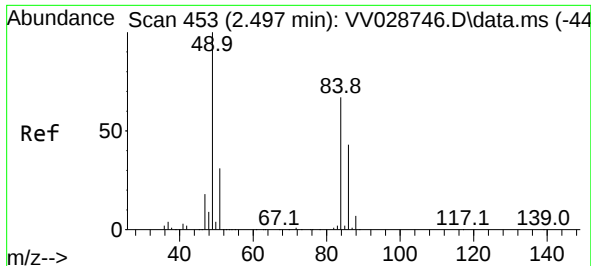
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 21:50:06 2022
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.924 ug/L

RT: 2.503 min Scan# 4

Delta R.T. 0.006 min

Lab File: VV028760.D

Acq: 28 Oct 2022 16:30

Instrument :

MSVOA_V

ClientSampleId :

BHA77DL2

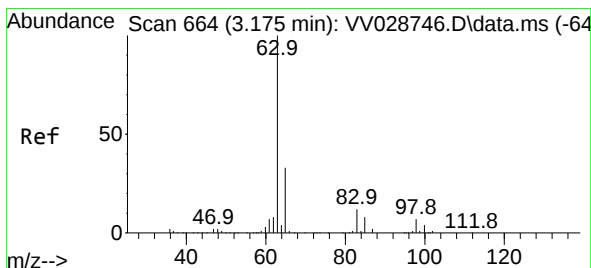
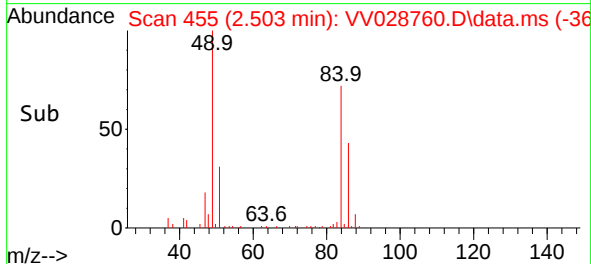
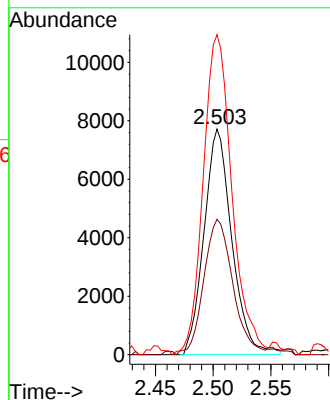
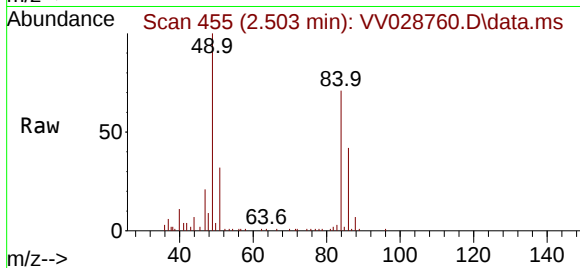
Tgt Ion: 84 Resp: 12944

Ion Ratio Lower Upper

84 100

86 60.0 44.4 82.4

49 147.8 110.8 205.8



#19

1,1-Dichloroethane

Concen: 0.097 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.013 min

Lab File: VV028760.D

Acq: 28 Oct 2022 16:30

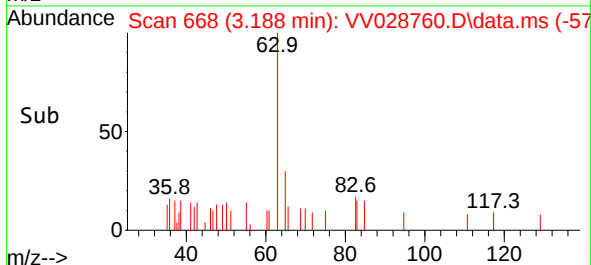
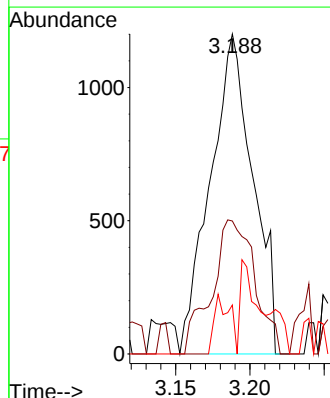
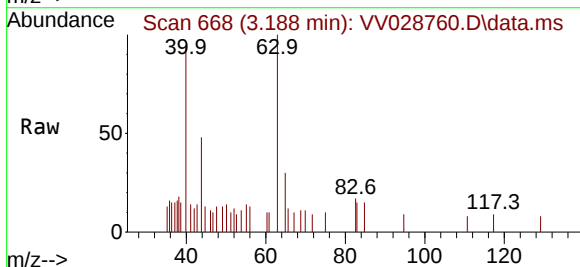
Tgt Ion: 63 Resp: 2398

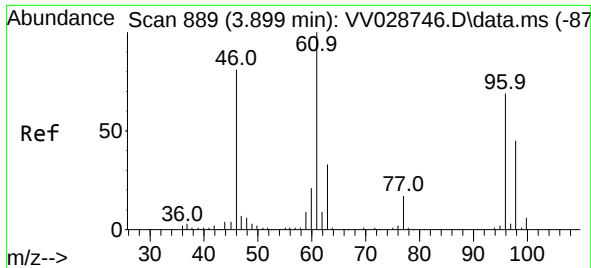
Ion Ratio Lower Upper

63 100

65 41.5 23.1 42.9

83 15.3 7.9 14.7#

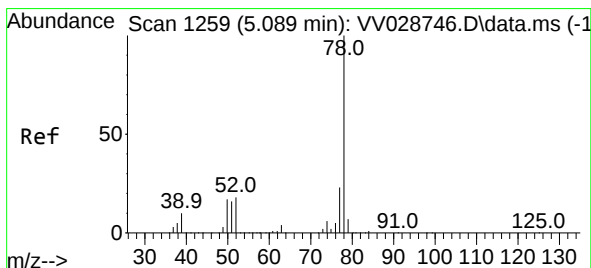
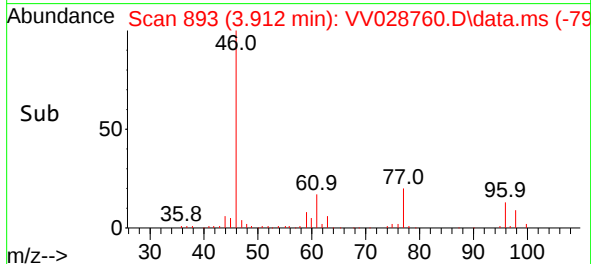
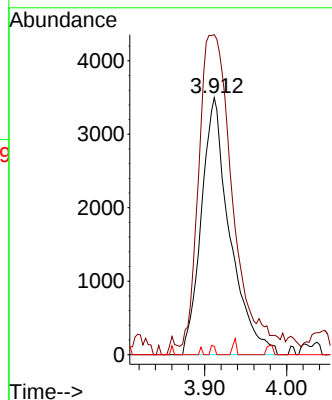
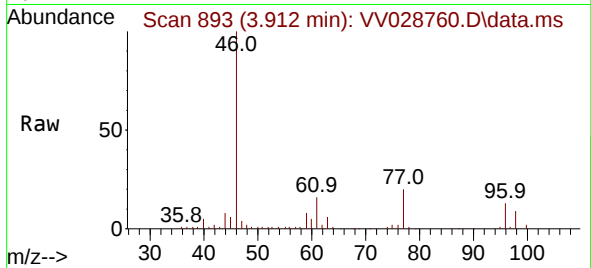




#22
 cis-1,2-Dichloroethene
 Concen: 0.690 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.013 min
 Lab File: VV028760.D
 Acq: 28 Oct 2022 16:30

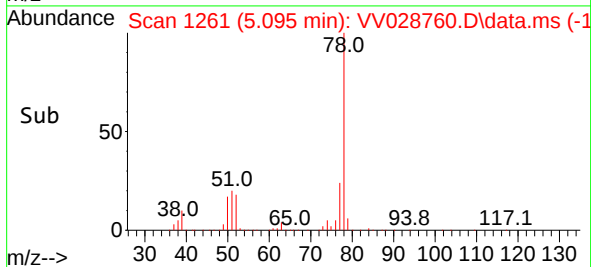
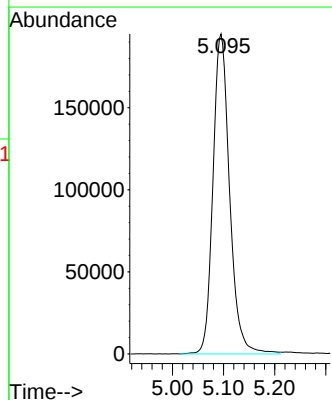
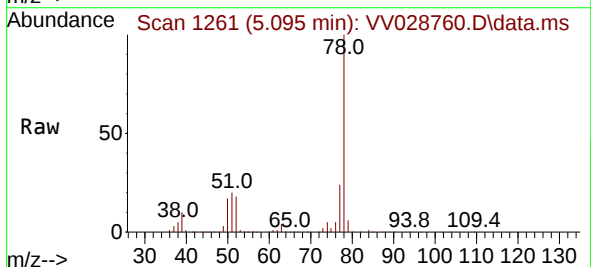
Instrument :
 MSVOA_V
 ClientSampleId :
 BHA77DL2

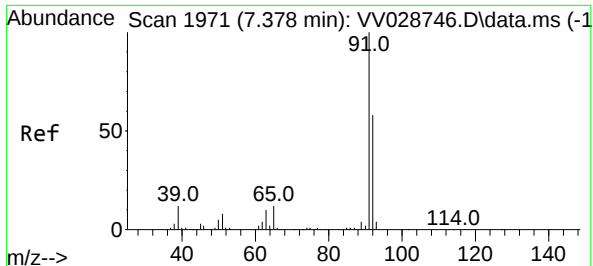
Tgt Ion: 96 Resp: 8453
 Ion Ratio Lower Upper
 96 100
 61 124.5 101.4 188.2
 68 3.3 0.5 0.9#



#33
 Benzene
 Concen: 8.549 ug/L
 RT: 5.095 min Scan# 1261
 Delta R.T. 0.006 min
 Lab File: VV028760.D
 Acq: 28 Oct 2022 16:30

Tgt Ion: 78 Resp: 441436

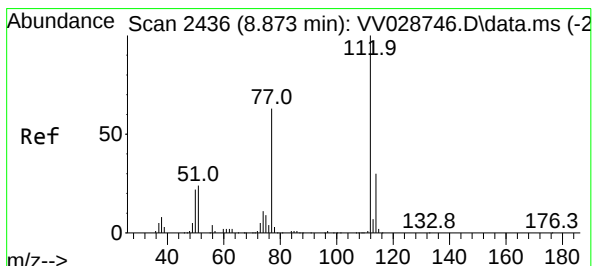
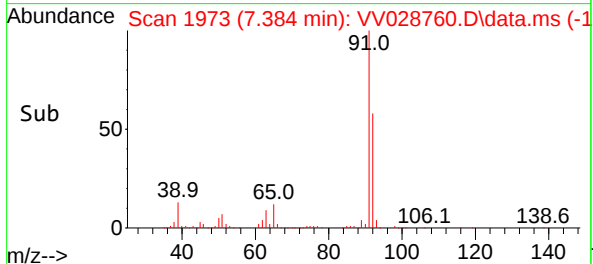
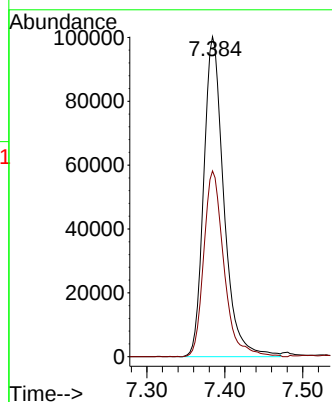
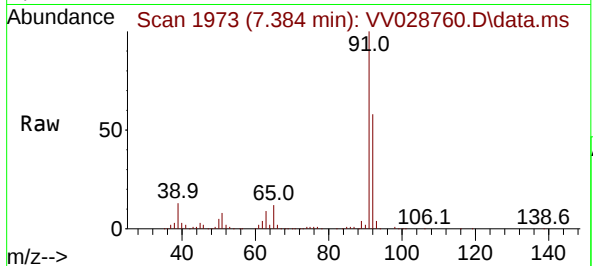




#42
Toluene
Concen: 3.670 ug/L
RT: 7.384 min Scan# 1971
Delta R.T. 0.006 min
Lab File: VV028760.D
Acq: 28 Oct 2022 16:30

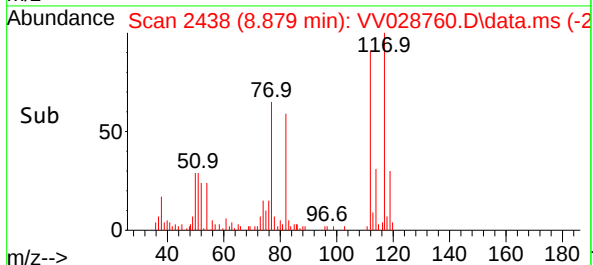
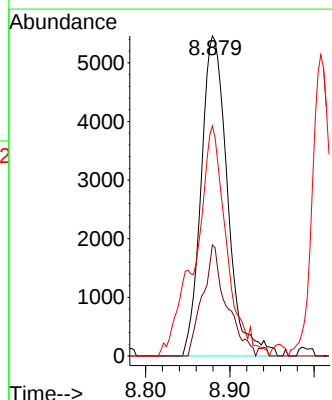
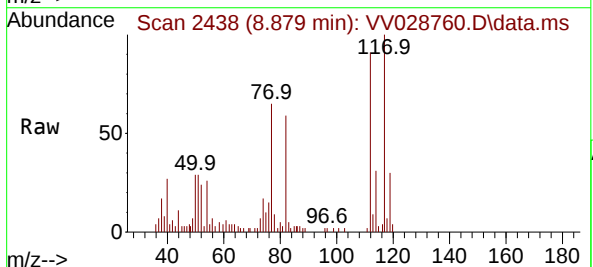
Instrument :
MSVOA_V
ClientSampleId :
BHA77DL2

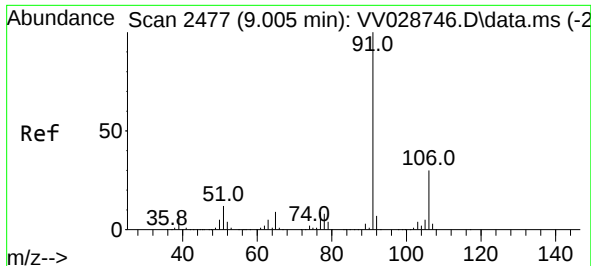
Tgt Ion: 91 Resp: 179679
Ion Ratio Lower Upper
91 100
92 58.0 40.5 75.3



#51
Chlorobenzene
Concen: 0.385 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.006 min
Lab File: VV028760.D
Acq: 28 Oct 2022 16:30

Tgt Ion: 112 Resp: 11869
Ion Ratio Lower Upper
112 100
114 31.5 22.0 41.0
77 65.3 50.0 75.0





#52

Ethylbenzene

Concen: 1.606 ug/L

RT: 9.008 min Scan# 2477

Delta R.T. 0.003 min

Lab File: VV028760.D

Acq: 28 Oct 2022 16:30

Instrument :

MSVOA_V

ClientSampleId :

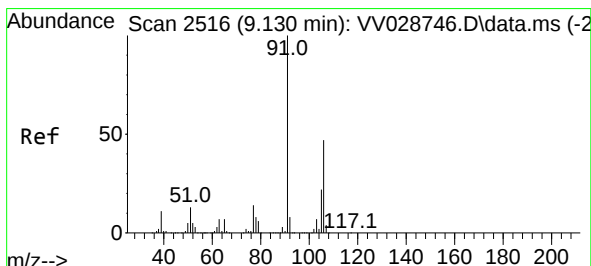
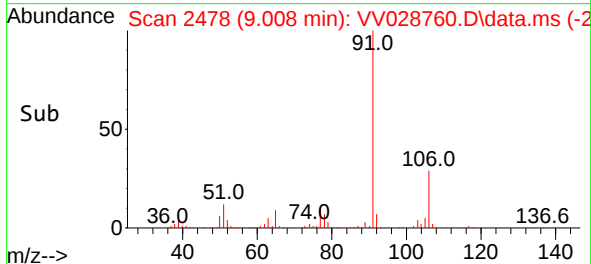
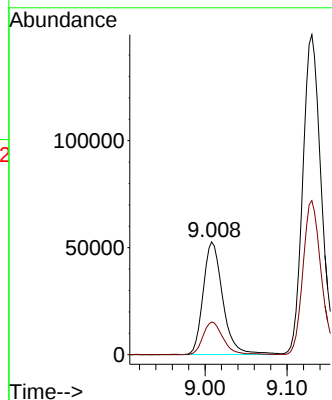
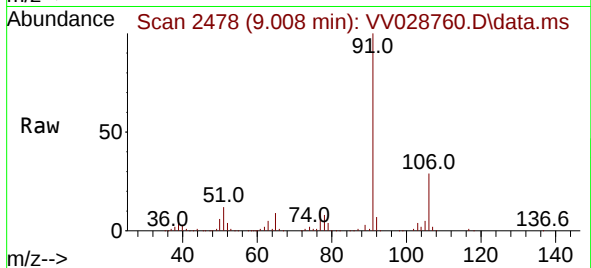
BHA77DL2

Tgt Ion: 91 Resp: 87382

Ion Ratio Lower Upper

91 100

106 29.0 21.3 39.6



#53

m,p-Xylene

Concen: 5.712 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.000 min

Lab File: VV028760.D

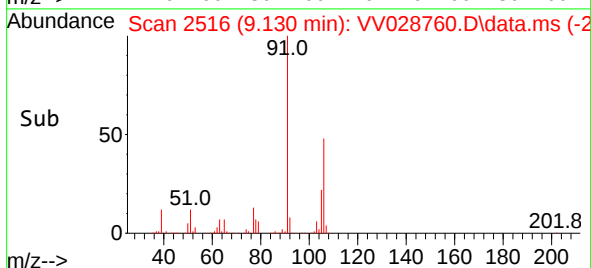
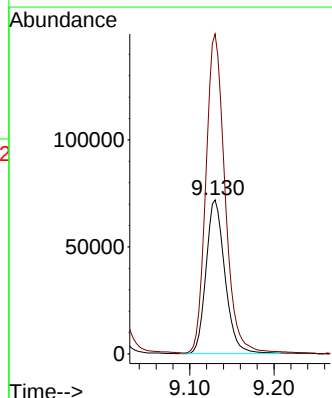
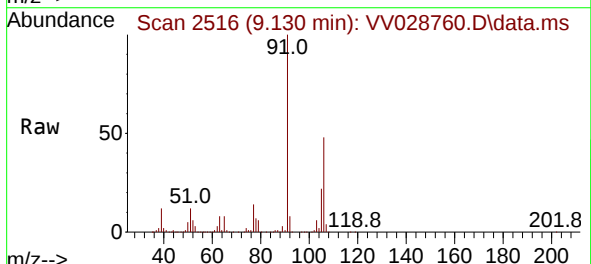
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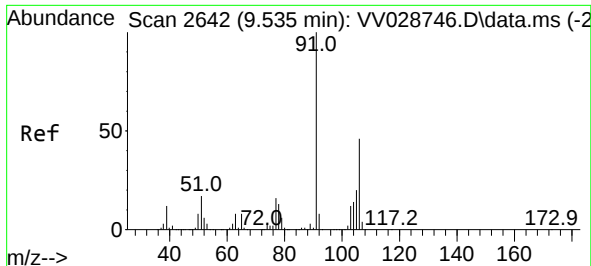
Tgt Ion:106 Resp: 112227

Ion Ratio Lower Upper

106 100

91 207.6 145.5 270.1

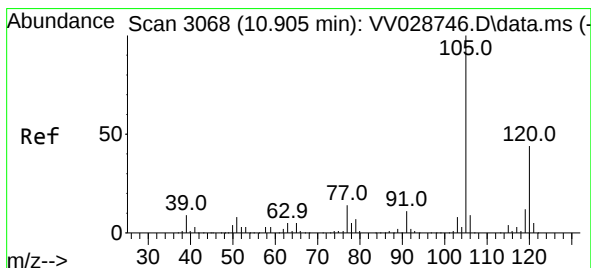
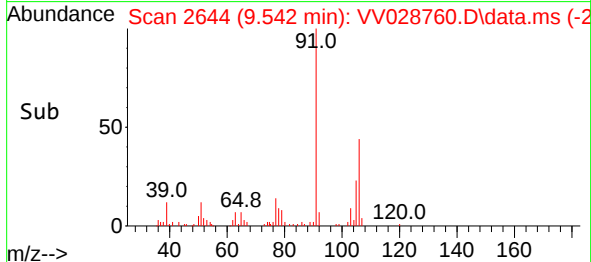
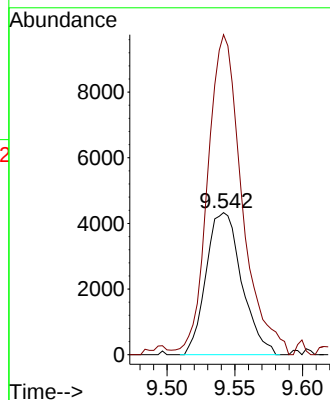
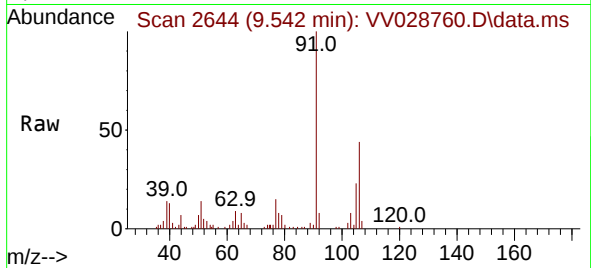




#54
o-Xylene
Concen: 0.401 ug/L
RT: 9.542 min Scan# 20
Delta R.T. 0.006 min
Lab File: VV028760.D
Acq: 28 Oct 2022 16:30

Instrument :
MSVOA_V
ClientSampleId :
BHA77DL2

Tgt Ion:106 Resp: 7918
Ion Ratio Lower Upper
106 100
91 225.2 159.0 295.4



#63
1,2,4-Trimethylbenzene
Concen: 0.370 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.006 min
Lab File: VV028760.D
Acq: 28 Oct 2022 16:30

Tgt Ion:105 Resp: 14859
Ion Ratio Lower Upper
105 100
120 44.9 36.2 54.2

