

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101923\
 Data File : VW032491.D
 Acq On : 19 Oct 2023 12:51
 Operator : SY/MD
 Sample : 04944-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 20 06:21:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 06:17:42 2023
 Response via : Initial Calibration

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

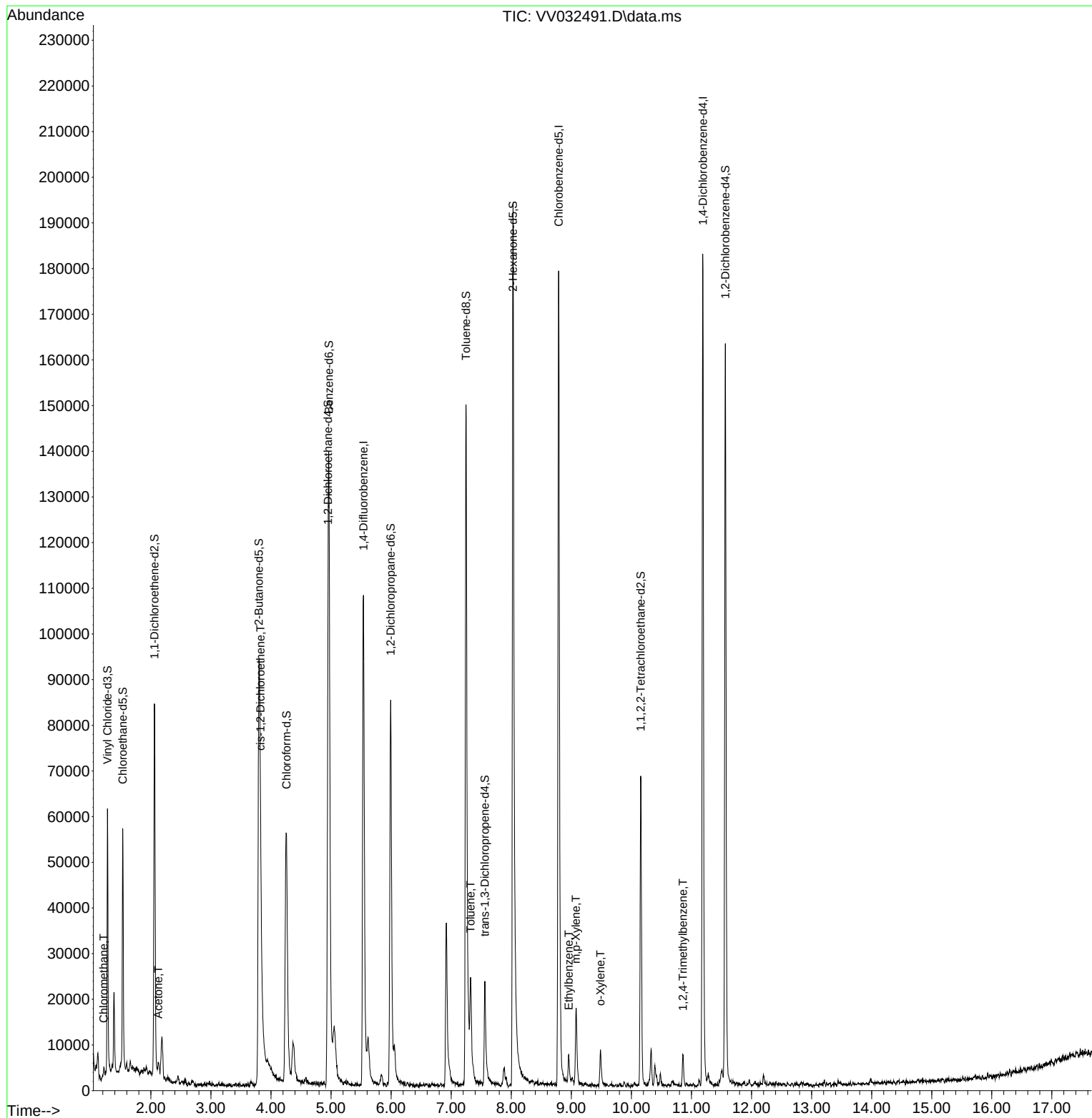
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	89742	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	102229	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	46258	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35764	4.900	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.000%	
7) Chloroethane-d5	1.532	69	32339	5.458	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	109.200%	
11) 1,1-Dichloroethene-d2	2.060	65	13668	4.440	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.800%	
20) 2-Butanone-d5	3.799	46	87420	47.349	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.700%	
24) Chloroform-d	4.256	84	59887	4.651	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	4.950	65	31606	5.182	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.600%	
32) Benzene-d6	4.963	84	123331	4.100	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
36) 1,2-Dichloropropane-d6	5.992	67	41504	4.164	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.200%	
41) Toluene-d8	7.246	98	108141	3.931	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.600%	
43) trans-1,3-Dichloroprop...	7.561	79	13927	3.943	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.800%	
46) 2-Hexanone-d5	8.030	63	71929	43.287	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.580%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33286	4.775	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.400%	
66) 1,2-Dichlorobenzene-d4	11.564	152	39911	4.650	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.000%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1263	0.125	ug/L	86
13) Acetone	2.124	43	2728	1.917	ug/L	95
22) cis-1,2-Dichloroethene	3.825	96	923	0.114	ug/L #	1
42) Toluene	7.323	91	17898	0.466	ug/L	94
52) Ethylbenzene	8.956	91	4524	0.106	ug/L	94
53) m,p-Xylene	9.079	106	4973	0.314	ug/L	88
54) o-Xylene	9.484	106	1873	0.123	ug/L	88
63) 1,2,4-Trimethylbenzene	10.860	105	3734	0.128	ug/L	97

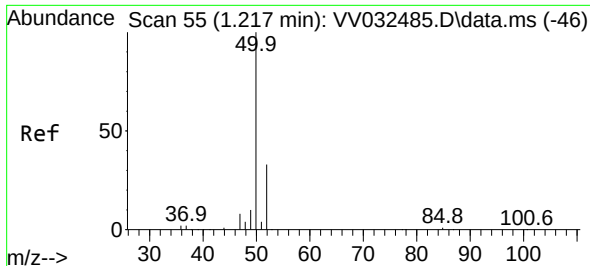
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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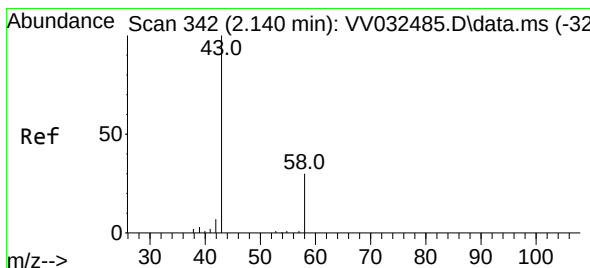
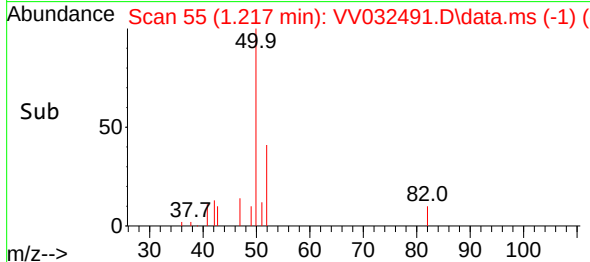
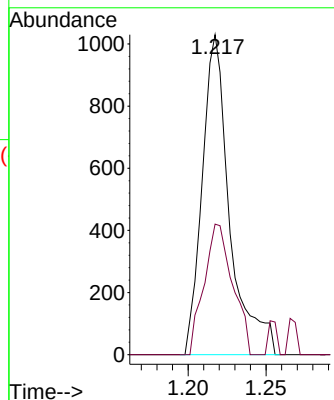
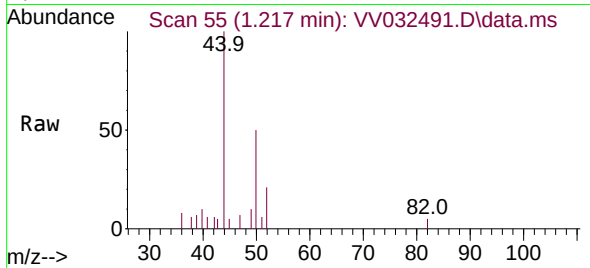




#3
Chloromethane
Concen: 0.125 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV032491.D
Acq: 19 Oct 2023 12:51

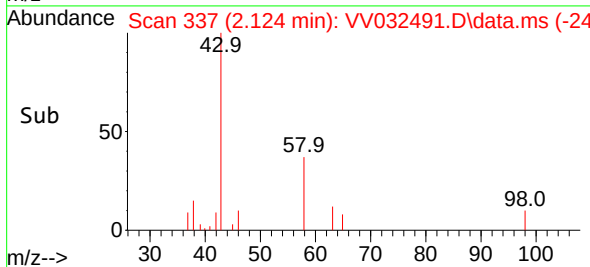
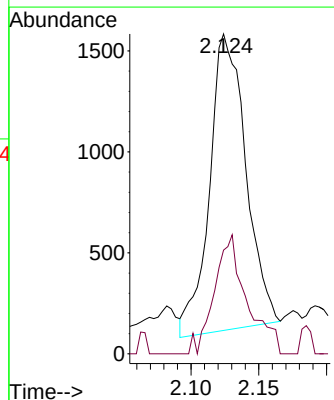
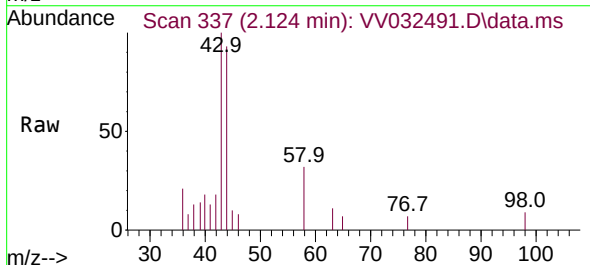
Instrument :
MSVOA_V
ClientSampleId :

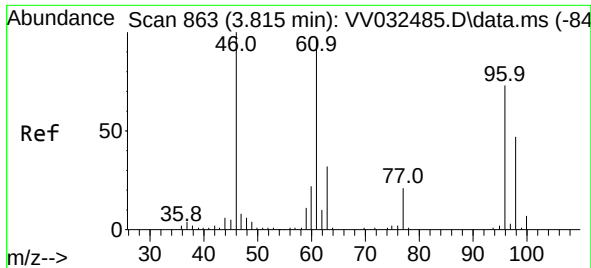
Tgt Ion: 50 Resp: 1263
Ion Ratio Lower Upper
50 100
52 40.8 23.0 42.6



#13
Acetone
Concen: 1.917 ug/L
RT: 2.124 min Scan# 337
Delta R.T. -0.016 min
Lab File: VV032491.D
Acq: 19 Oct 2023 12:51

Tgt Ion: 43 Resp: 2728
Ion Ratio Lower Upper
43 100
58 36.0 0.0 66.0





#22

cis-1,2-Dichloroethene

Concen: 0.114 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.010 min

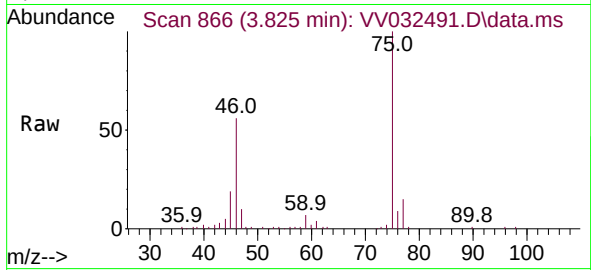
Lab File: VV032491.D

Acq: 19 Oct 2023 12:51

Instrument :

MSVOA_V

ClientSampleId :



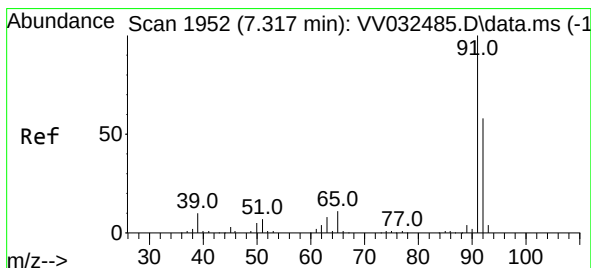
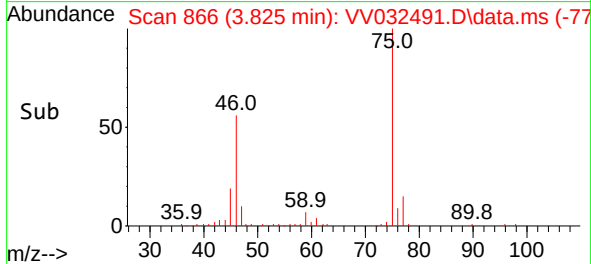
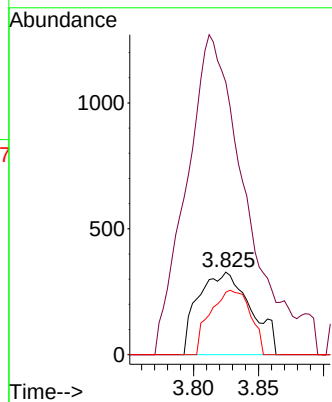
Tgt Ion: 96 Resp: 923

Ion Ratio Lower Upper

96 100

61 329.9 85.8 159.4#

98 75.6 44.0 81.6



#42

Toluene

Concen: 0.466 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.007 min

Lab File: VV032491.D

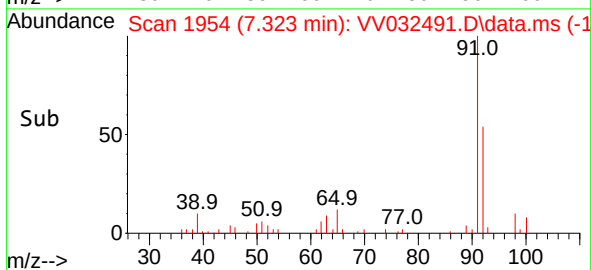
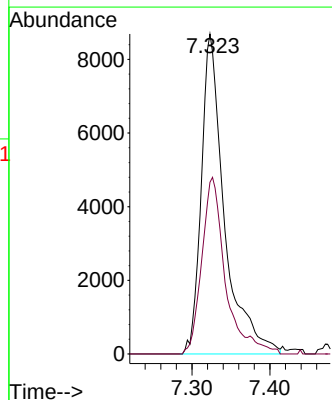
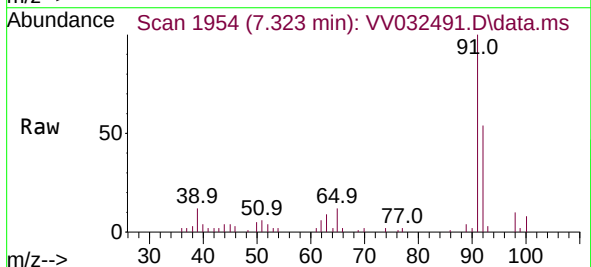
Acq: 19 Oct 2023 12:51

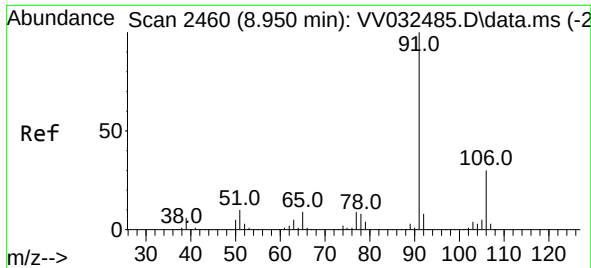
Tgt Ion: 91 Resp: 17898

Ion Ratio Lower Upper

91 100

92 53.7 40.8 75.8

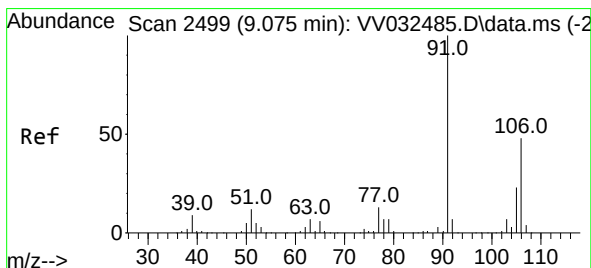
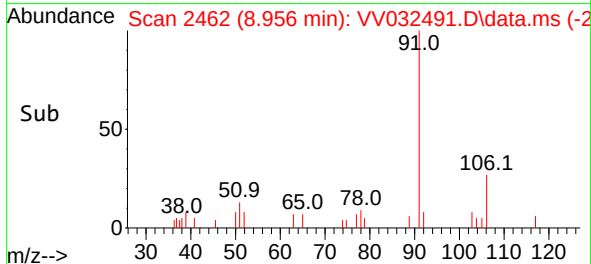
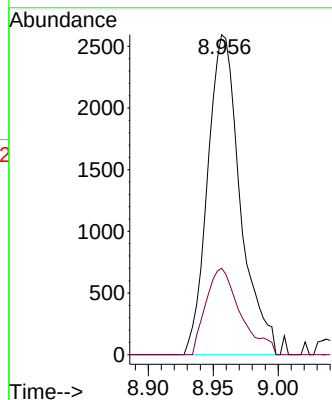
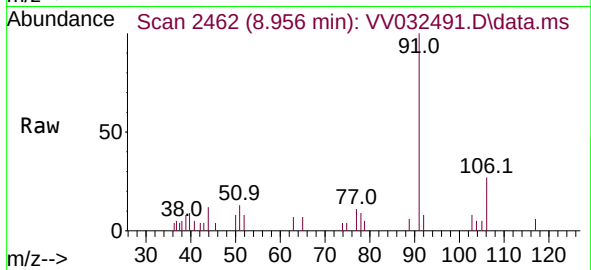




#52
Ethylbenzene
Concen: 0.106 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.007 min
Lab File: VV032491.D
Acq: 19 Oct 2023 12:51

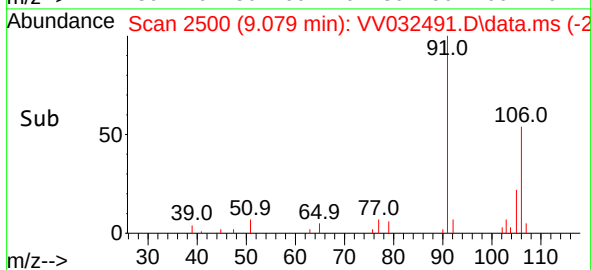
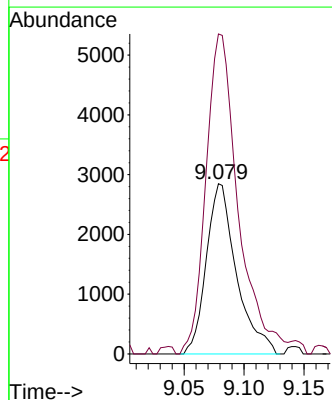
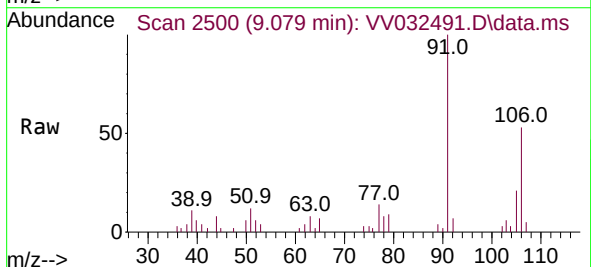
Instrument :
MSVOA_V
ClientSampleId :

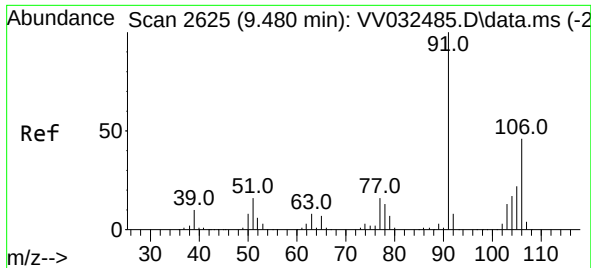
Tgt Ion: 91 Resp: 4524
Ion Ratio Lower Upper
91 100
106 27.0 21.3 39.5



#53
m,p-Xylene
Concen: 0.314 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032491.D
Acq: 19 Oct 2023 12:51

Tgt Ion: 106 Resp: 4973
Ion Ratio Lower Upper
106 100
91 187.9 144.5 268.3

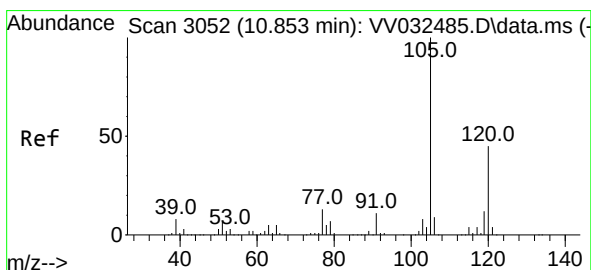
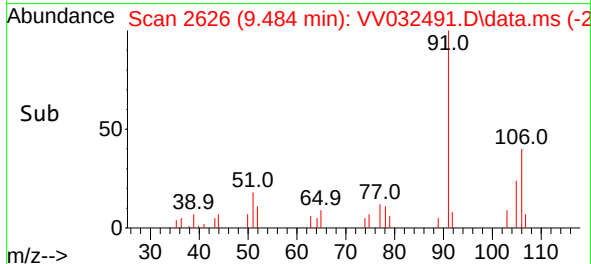
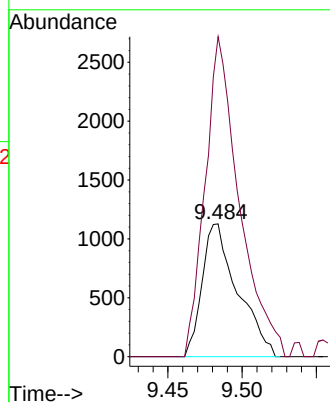
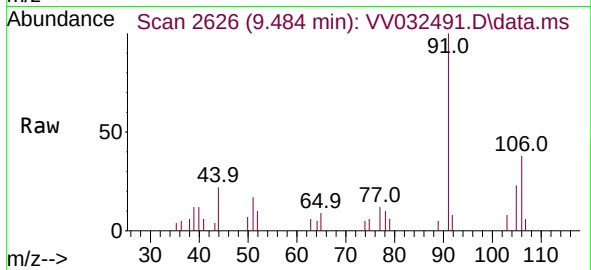




#54
o-Xylene
Concen: 0.123 ug/L
RT: 9.484 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV032491.D
Acq: 19 Oct 2023 12:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1873
Ion Ratio Lower Upper
106 100
91 241.0 154.8 287.4



#63
1,2,4-Trimethylbenzene
Concen: 0.128 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.007 min
Lab File: VV032491.D
Acq: 19 Oct 2023 12:51

Tgt Ion:105 Resp: 3734
Ion Ratio Lower Upper
105 100
120 47.5 36.2 54.4

