

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101723\
 Data File : VV032456.D
 Acq On : 17 Oct 2023 19:31
 Operator : SY/MD
 Sample : 04918-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG0

Quant Time: Oct 18 06:07:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 18 06:02:40 2023
 Response via : Initial Calibration

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

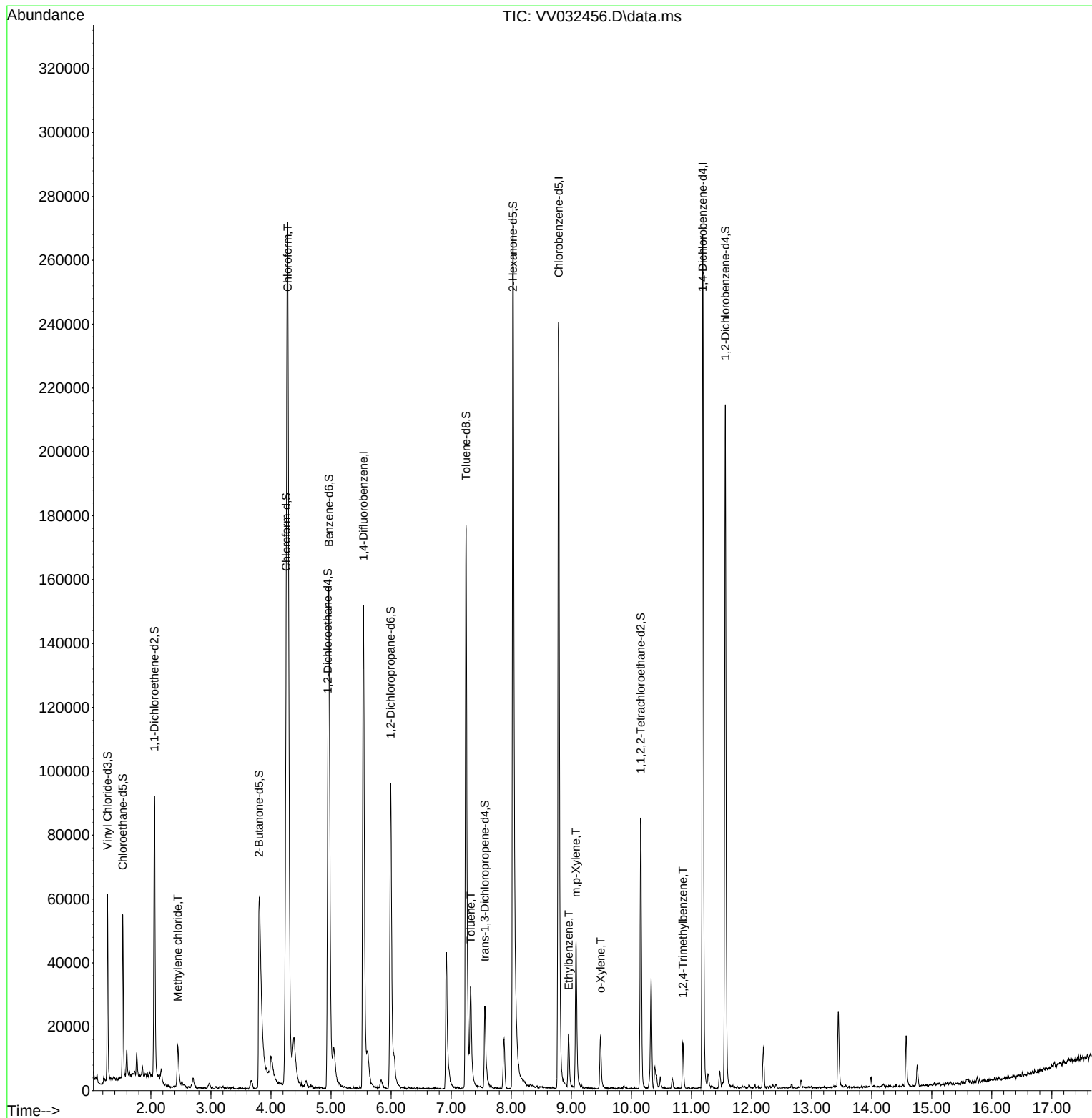
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	132277	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	140689	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	67558	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34785	3.233	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.532	69	32097	3.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.060	65	15083	3.324	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	3.802	46	122623	45.059	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.120%
24) Chloroform-d	4.253	84	89989	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.947	65	40460	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	4.963	84	140299	3.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.800%#
36) 1,2-Dichloropropane-d6	5.992	67	48082	3.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.200%
41) Toluene-d8	7.246	98	127154	3.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
43) trans-1,3-Dichloroprop...	7.561	79	17249	3.549	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.000%
46) 2-Hexanone-d5	8.027	63	106646	46.635	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.280%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	41108	4.285	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	52595	4.195	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.449	84	4829	0.382	ug/L	95
25) Chloroform	4.278	83	258540	12.606	ug/L	99
42) Toluene	7.326	91	24946	0.472	ug/L	99
52) Ethylbenzene	8.956	91	12986	0.221	ug/L	96
53) m,p-Xylene	9.079	106	12985	0.595	ug/L	96
54) o-Xylene	9.487	106	4545	0.216	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	7783	0.183	ug/L	96

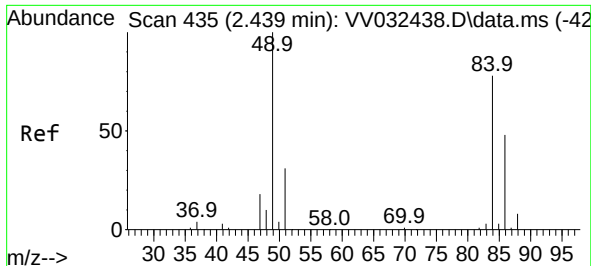
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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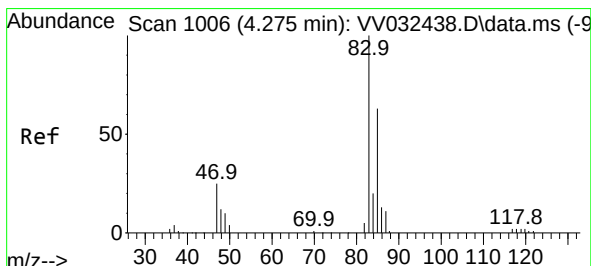
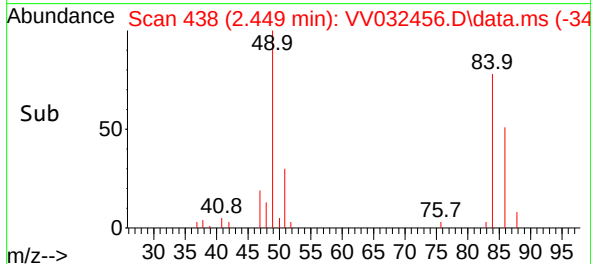
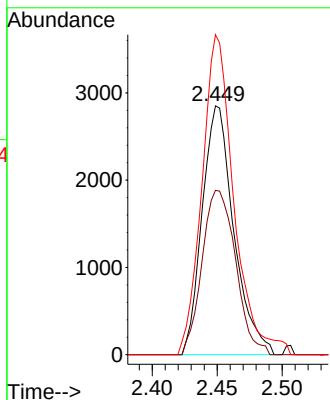
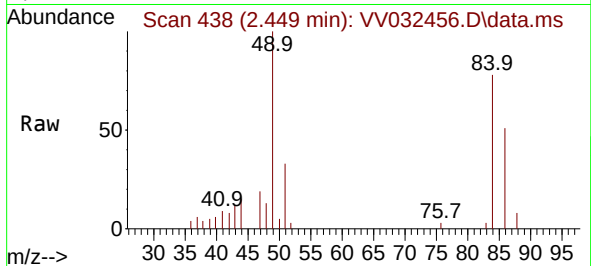




#16
Methylene chloride
Concen: 0.382 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV032456.D
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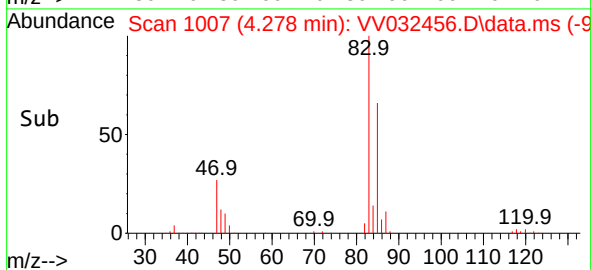
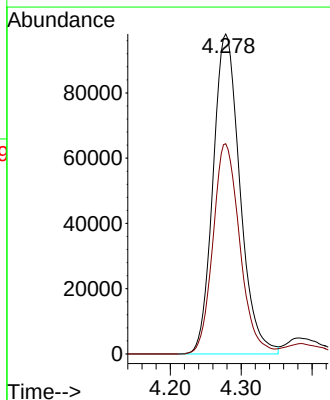
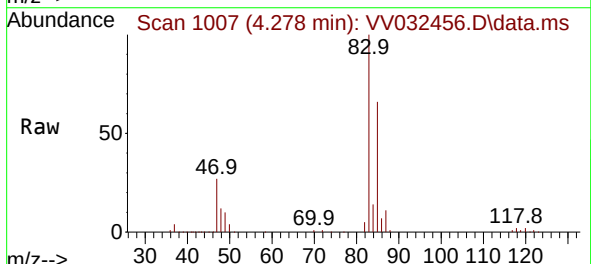
Instrument :
MSVOA_V
ClientSampleId :
C0AG0

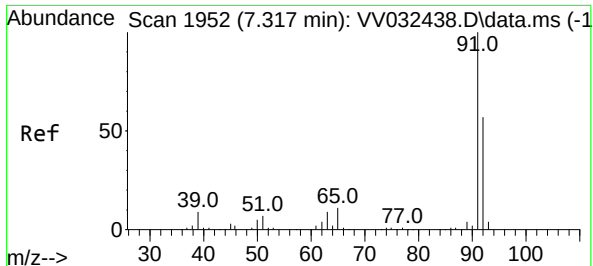
Tgt Ion: 84 Resp: 4829
Ion Ratio Lower Upper
84 100
86 66.0 43.2 80.2
49 128.6 86.3 160.3



#25
Chloroform
Concen: 12.606 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.003 min
Lab File: VV032456.D
Acq: 17 Oct 2023 19:31

Tgt Ion: 83 Resp: 258540
Ion Ratio Lower Upper
83 100
85 65.7 45.4 84.4





#42

Toluene

Concen: 0.472 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.010 min

Lab File: VV032456.D

Acq: 17 Oct 2023 19:31

Instrument :

MSVOA_V

ClientSampleId :

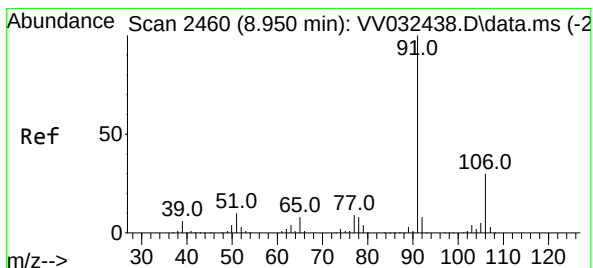
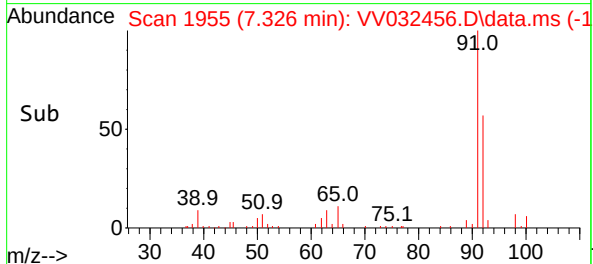
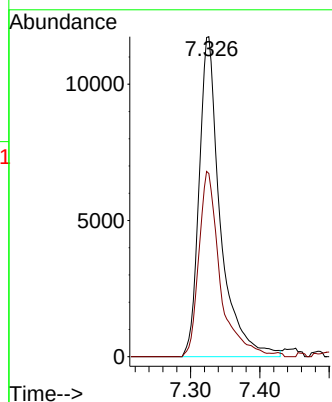
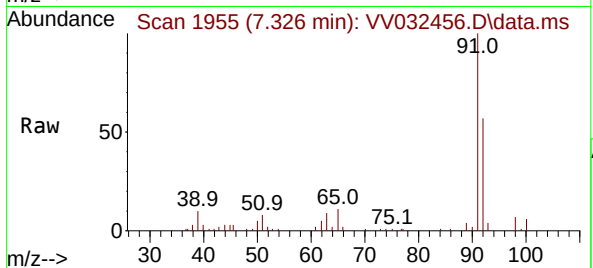
C0AG0

Tgt Ion: 91 Resp: 24946

Ion Ratio Lower Upper

91 100

92 57.3 40.8 75.8



#52

Ethylbenzene

Concen: 0.221 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.007 min

Lab File: VV032456.D

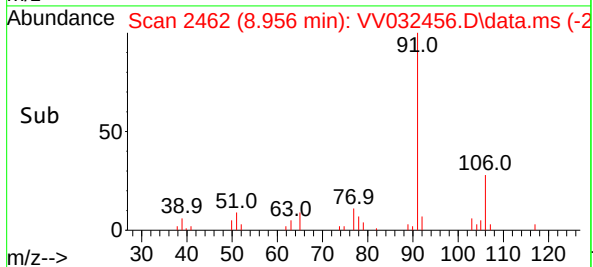
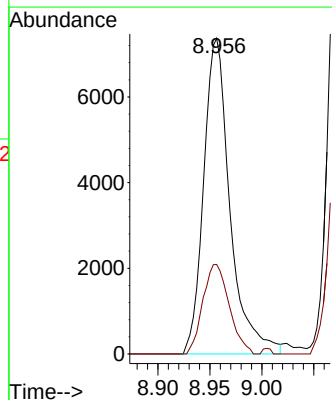
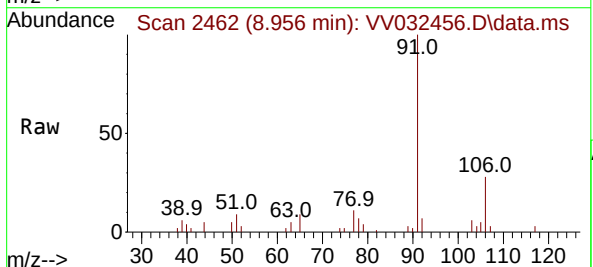
Acq: 17 Oct 2023 19:31

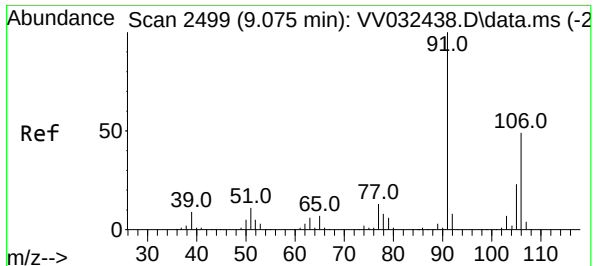
Tgt Ion: 91 Resp: 12986

Ion Ratio Lower Upper

91 100

106 28.3 21.3 39.5

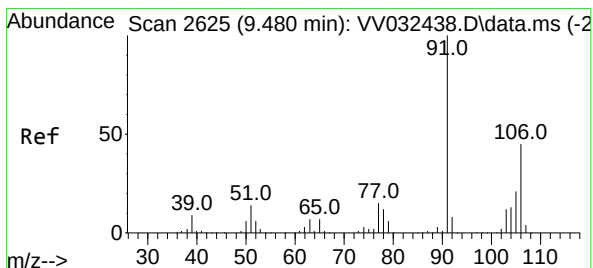
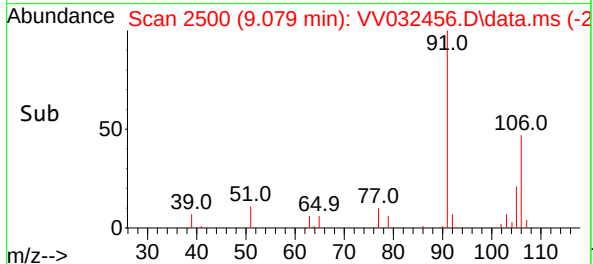
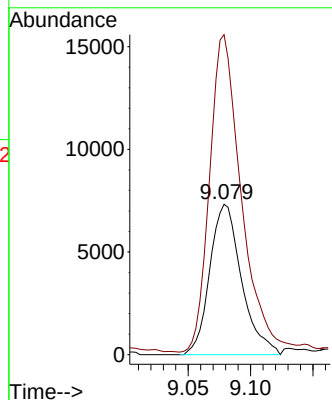
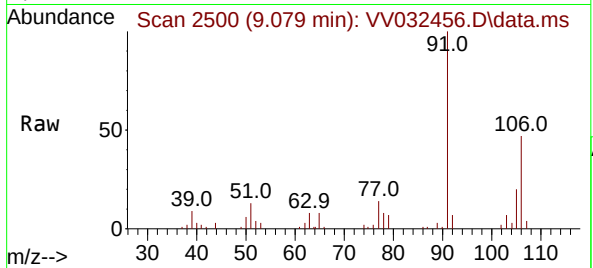




#53
m,p-Xylene
Concen: 0.595 ug/L
RT: 9.079 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV032456.D
Acq: 17 Oct 2023 19:31

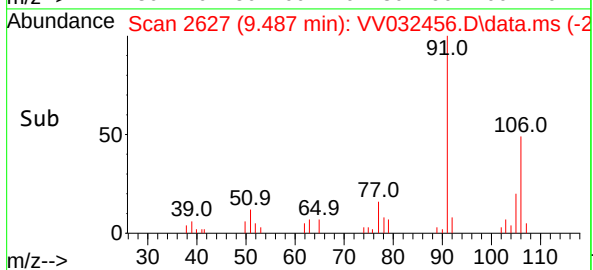
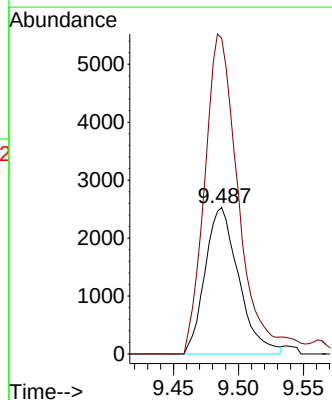
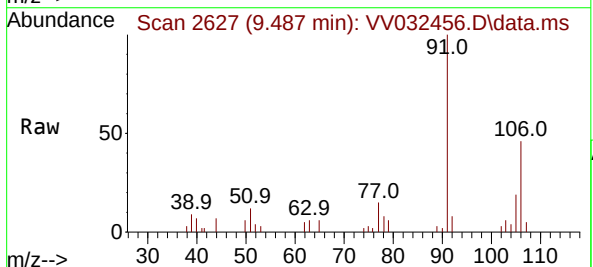
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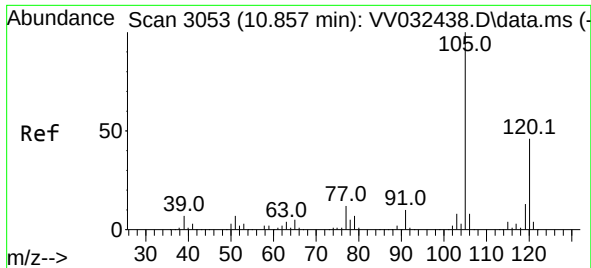
Tgt Ion:106 Resp: 12985
Ion Ratio Lower Upper
106 100
91 212.7 144.5 268.3



#54
o-Xylene
Concen: 0.216 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.007 min
Lab File: VV032456.D
Acq: 17 Oct 2023 19:31

Tgt Ion:106 Resp: 4545
Ion Ratio Lower Upper
106 100
91 215.7 154.8 287.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.183 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: VV032456.D
 Acq: 17 Oct 2023 19:31

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG0

Tgt Ion:105 Resp: 7783
 Ion Ratio Lower Upper
 105 100
 120 47.9 36.2 54.4

