

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
 Data File : VV032540.D
 Acq On : 20 Oct 2023 22:17
 Operator : SY/MD
 Sample : 04950-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A49E8

Quant Time: Oct 23 02:57:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 21 02:44:24 2023
 Response via : Initial Calibration

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

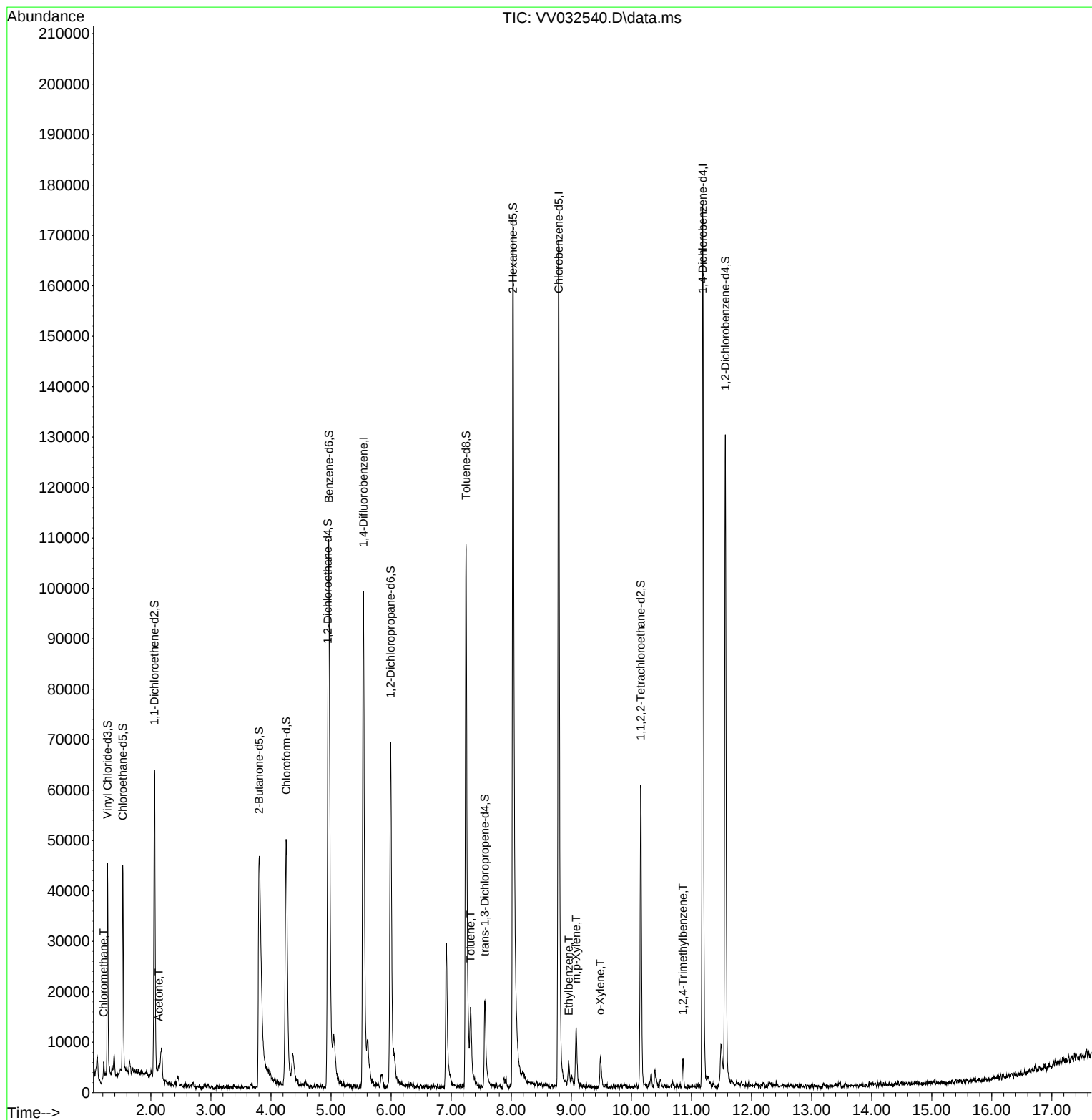
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	82602	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	95037	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	44080	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25823	3.844	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.532	69	25192	4.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.060	65	10306	3.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	3.802	46	76477	45.002	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.000%
24) Chloroform-d	4.252	84	50824	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	4.947	65	27399	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	4.963	84	93981	3.361	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.200%#
36) 1,2-Dichloropropane-d6	5.992	67	35335	3.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.200%
41) Toluene-d8	7.246	98	76776	3.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.000%#
43) trans-1,3-Dichloroprop...	7.561	79	11113	3.385	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.600%
46) 2-Hexanone-d5	8.027	63	62446	40.424	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.840%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28659	4.422	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	32072	3.921	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1817	0.196	ug/L	91
13) Acetone	2.133	43	2321	1.772	ug/L	78
42) Toluene	7.323	91	11308	0.317	ug/L	99
52) Ethylbenzene	8.956	91	3455	0.087	ug/L	95
53) m,p-Xylene	9.082	106	3312	0.225	ug/L	84
54) o-Xylene	9.480	106	1419	0.100	ug/L	63
63) 1,2,4-Trimethylbenzene	10.857	105	3013	0.108	ug/L	96

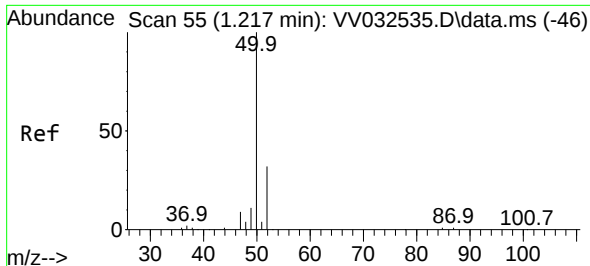
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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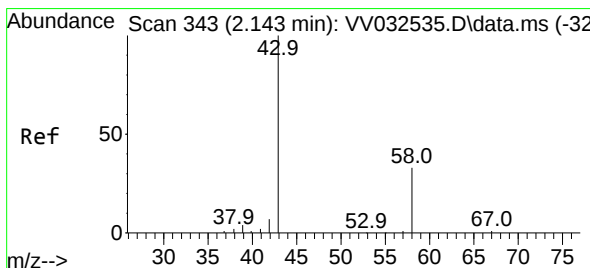
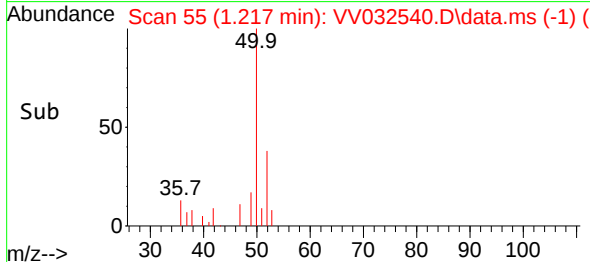
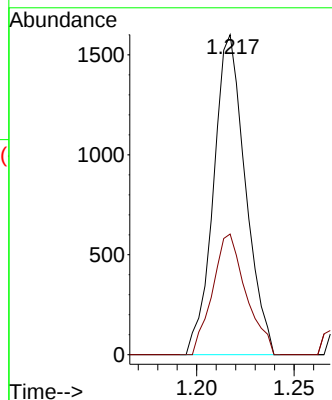
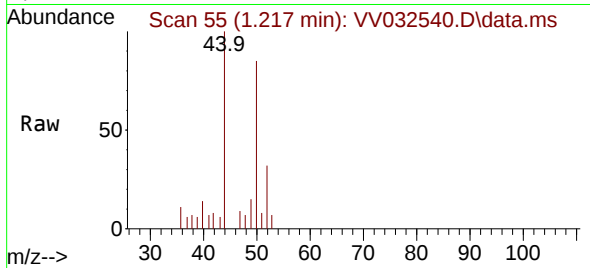




#3
Chloromethane
Concen: 0.196 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV032540.D
Acq: 20 Oct 2023 22:17

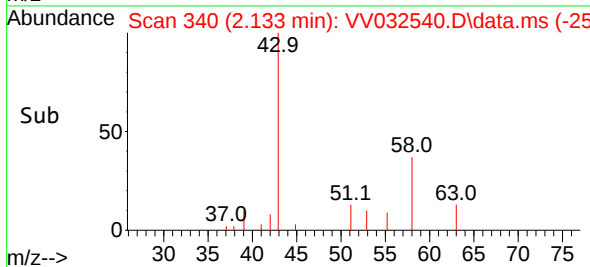
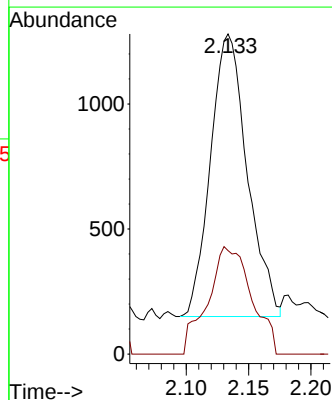
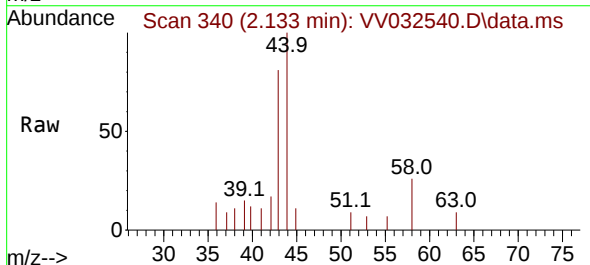
Instrument :
MSVOA_V
ClientSampleId :
A49E8

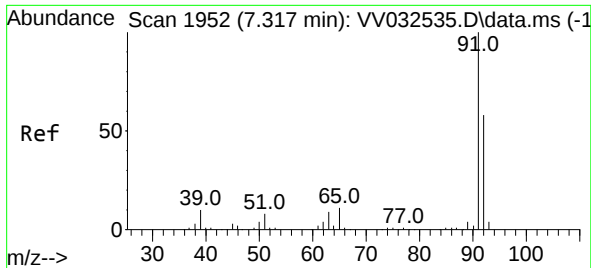
Tgt Ion: 50 Resp: 1817
Ion Ratio Lower Upper
50 100
52 37.7 23.0 42.6



#13
Acetone
Concen: 1.772 ug/L
RT: 2.133 min Scan# 340
Delta R.T. -0.010 min
Lab File: VV032540.D
Acq: 20 Oct 2023 22:17

Tgt Ion: 43 Resp: 2321
Ion Ratio Lower Upper
43 100
58 45.2 0.0 66.0





#42

Toluene

Concen: 0.317 ug/L

RT: 7.323 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VV032540.D

Acq: 20 Oct 2023 22:17

Instrument :

MSVOA_V

ClientSampleId :

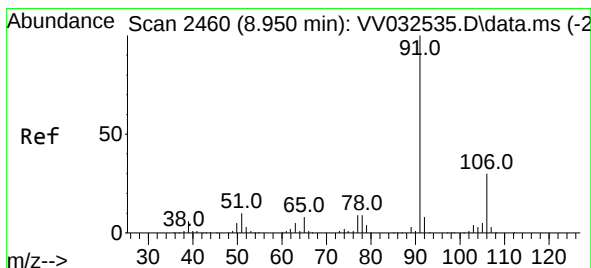
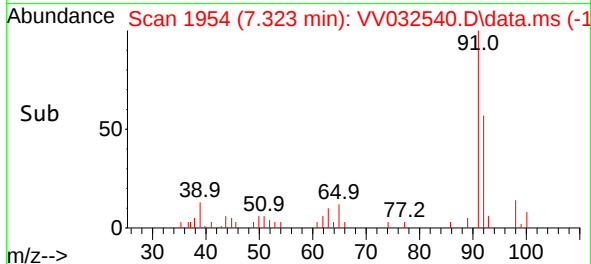
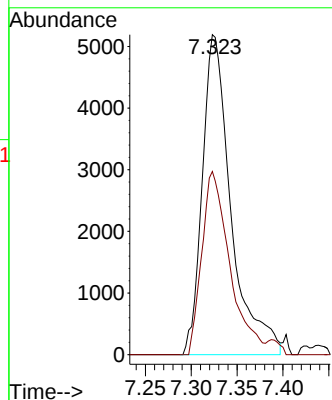
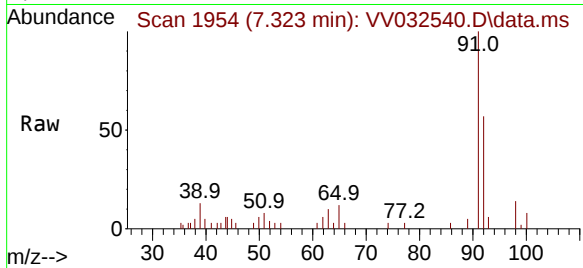
A49E8

Tgt Ion: 91 Resp: 11308

Ion Ratio Lower Upper

91 100

92 57.2 40.8 75.8



#52

Ethylbenzene

Concen: 0.087 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.006 min

Lab File: VV032540.D

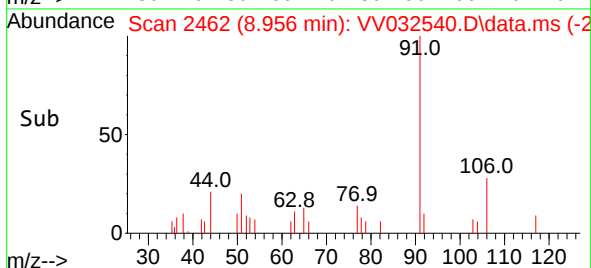
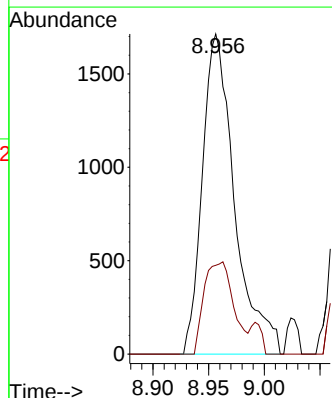
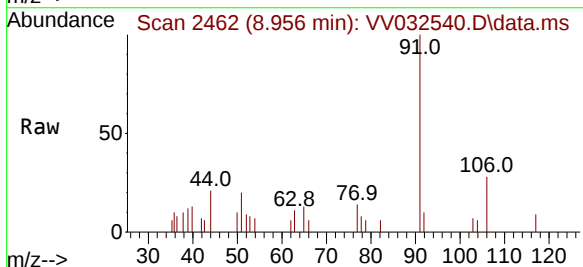
Acq: 20 Oct 2023 22:17

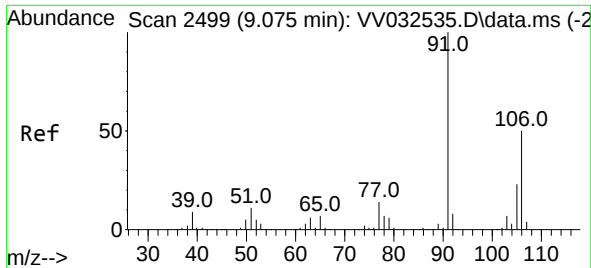
Tgt Ion: 91 Resp: 3455

Ion Ratio Lower Upper

91 100

106 27.7 21.3 39.5

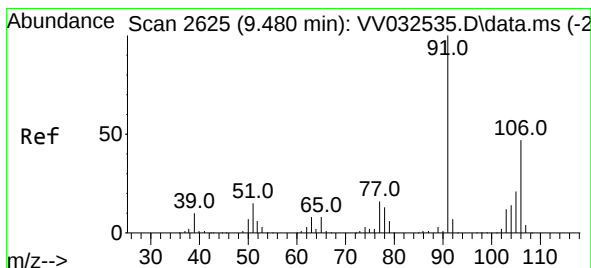
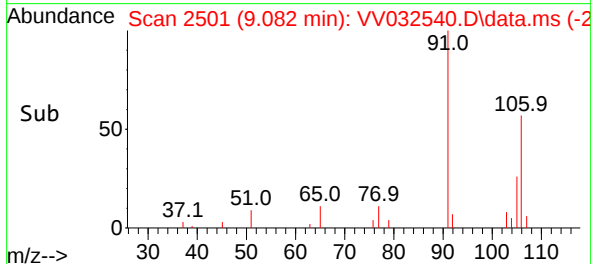
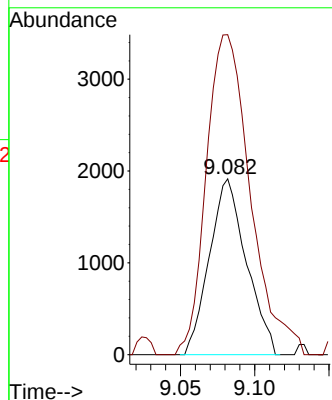
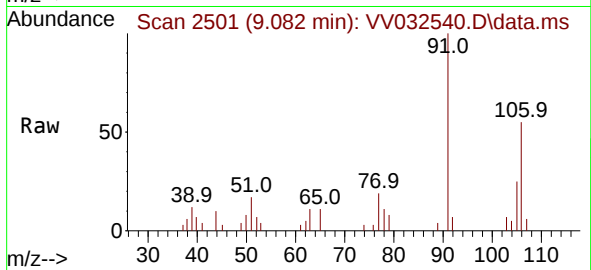




#53
m,p-Xylene
Concen: 0.225 ug/L
RT: 9.082 min Scan# 2100
Delta R.T. 0.006 min
Lab File: VV032540.D
Acq: 20 Oct 2023 22:17

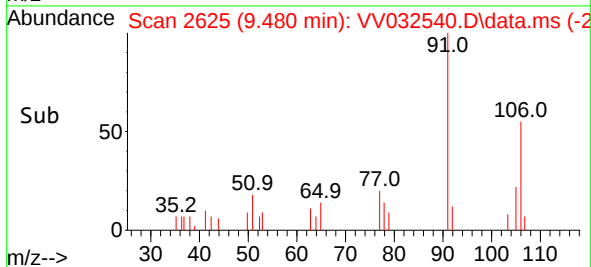
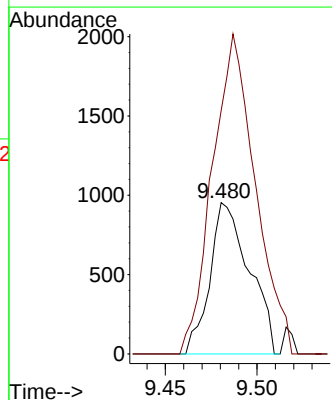
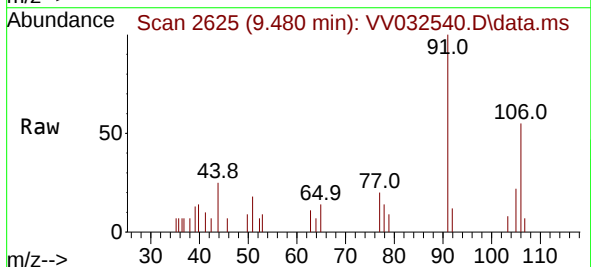
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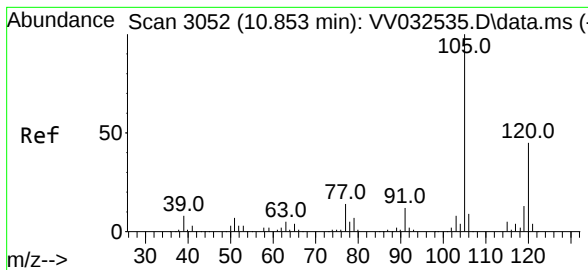
Tgt Ion:106 Resp: 3312
Ion Ratio Lower Upper
106 100
91 182.1 144.5 268.3



#54
o-Xylene
Concen: 0.100 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032540.D
Acq: 20 Oct 2023 22:17

Tgt Ion:106 Resp: 1419
Ion Ratio Lower Upper
106 100
91 160.8 154.8 287.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.108 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.003 min
 Lab File: VV032540.D
 Acq: 20 Oct 2023 22:17

Instrument :
 MSVOA_V
 ClientSampleId :
 A49E8

Tgt Ion:	105	Resp:	3013
Ion Ratio	Lower	Upper	
105	100		
120	42.5	36.2	54.4

