

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101823\
 Data File : VV032465.D
 Acq On : 18 Oct 2023 12:42
 Operator : SY/MD
 Sample : 04903-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF5

Quant Time: Oct 19 04:28:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 19 04:26:22 2023
 Response via : Initial Calibration

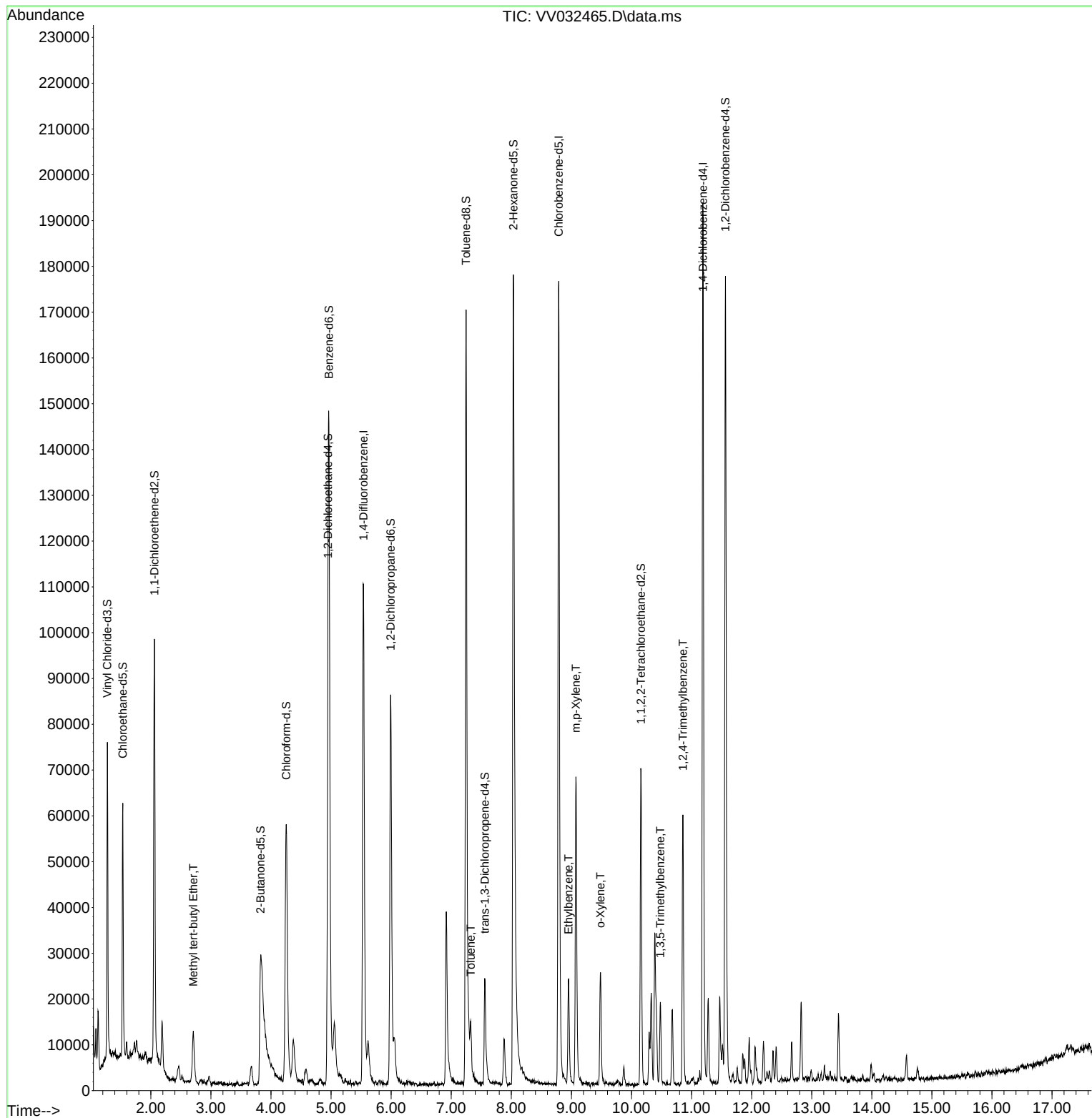
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	92583	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	101012	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	48789	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	41848	5.558	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	111.200%	
7) Chloroethane-d5	1.532	69	35048	5.734	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	114.600%	
11) 1,1-Dichloroethene-d2	2.060	65	16177	5.094	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.800%	
20) 2-Butanone-d5	3.828	46	76478	40.151	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	80.300%	
24) Chloroform-d	4.252	84	61580	4.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	4.947	65	31170	4.954	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
32) Benzene-d6	4.963	84	131320	4.418	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
36) 1,2-Dichloropropane-d6	5.992	67	42514	4.317	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.400%	
41) Toluene-d8	7.246	98	119809	4.408	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.200%	
43) trans-1,3-Dichloroprop...	7.558	79	15129	4.335	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.034	63	72246	44.002	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.000%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34525	5.012	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	11.564	152	42723	4.719	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.400%	
Target Compounds						
17) Methyl tert-butyl Ether	2.706	73	9641	0.522	ug/L	# 80
42) Toluene	7.323	91	8575	0.226	ug/L	95
52) Ethylbenzene	8.953	91	15810	0.374	ug/L	99
53) m,p-Xylene	9.075	106	19239	1.229	ug/L	96
54) o-Xylene	9.484	106	6792	0.450	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	9376	0.303	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	31369	1.020	ug/L	98

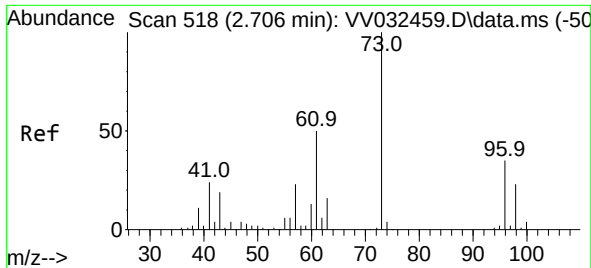
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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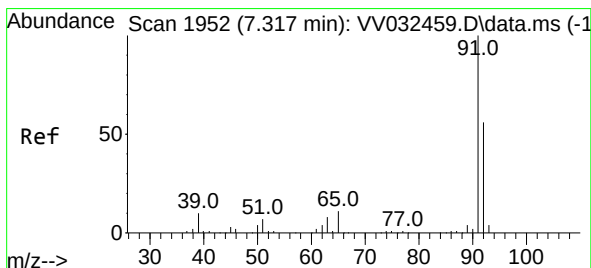
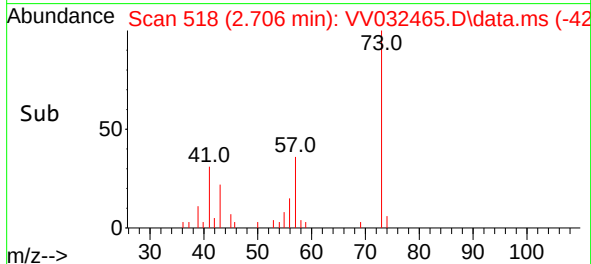
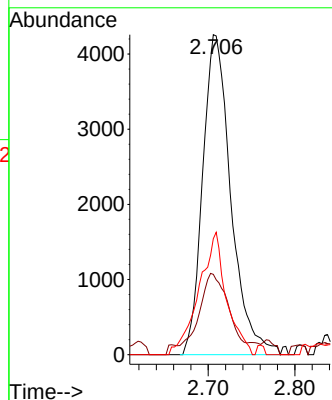
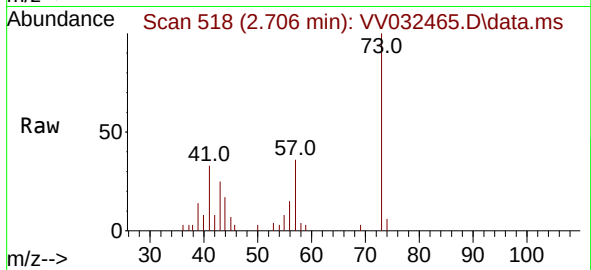




#17
Methyl tert-butyl Ether
Concen: 0.522 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032465.D
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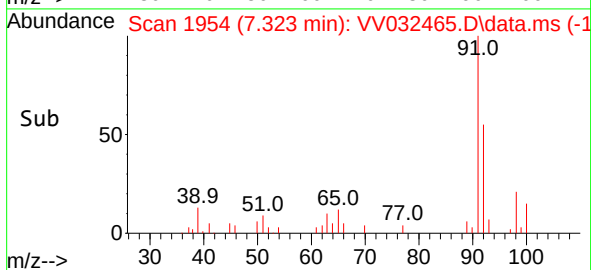
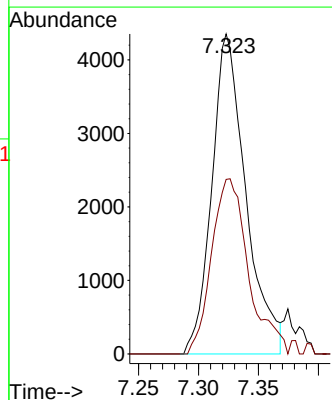
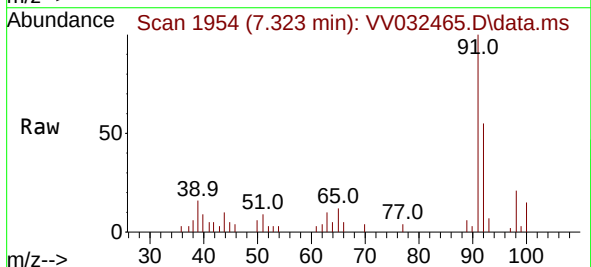
Instrument :
MSVOA_V
ClientSampleId :
C0AF5

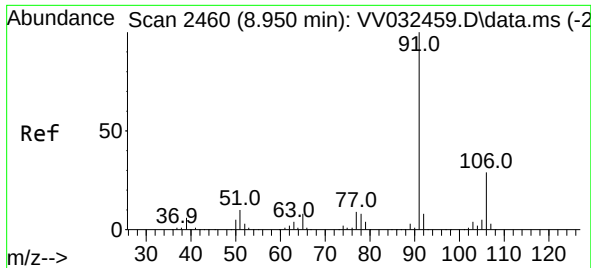
Tgt Ion: 73 Resp: 9641
Ion Ratio Lower Upper
73 100
43 22.5 15.1 22.7
57 37.2 18.3 27.5#



#42
Toluene
Concen: 0.226 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.007 min
Lab File: VV032465.D
Acq: 18 Oct 2023 12:42

Tgt Ion: 91 Resp: 8575
Ion Ratio Lower Upper
91 100
92 54.6 40.8 75.8





#52

Ethylbenzene

Concen: 0.374 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.003 min

Lab File: VV032465.D

Acq: 18 Oct 2023 12:42

Instrument :

MSVOA_V

ClientSampleId :

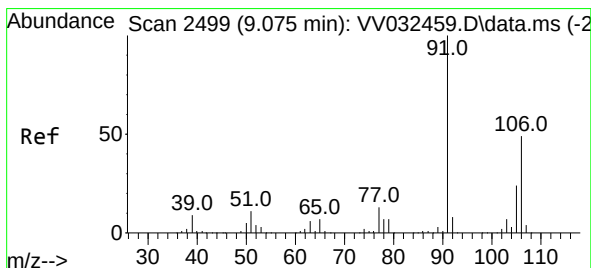
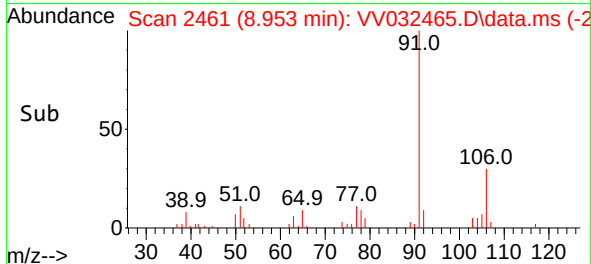
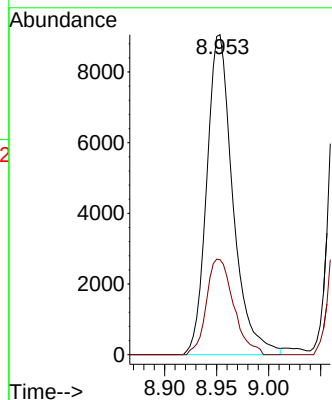
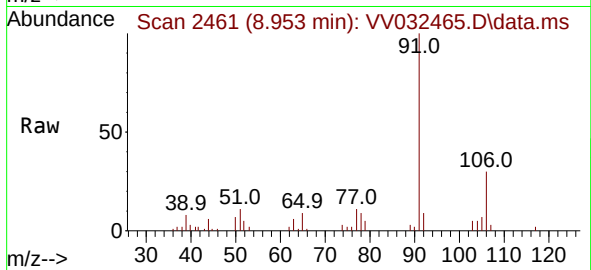
C0AF5

Tgt Ion: 91 Resp: 15810

Ion Ratio Lower Upper

91 100

106 29.7 21.3 39.5



#53

m,p-Xylene

Concen: 1.229 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.000 min

Lab File: VV032465.D

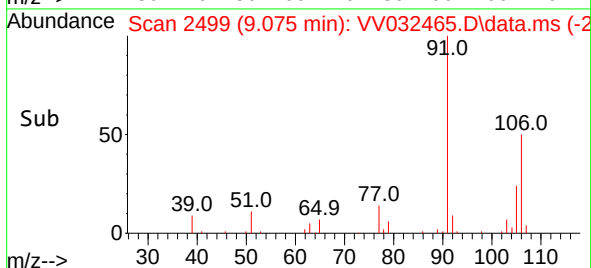
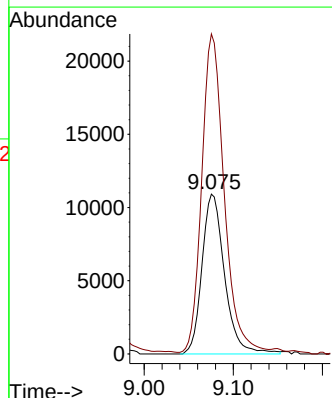
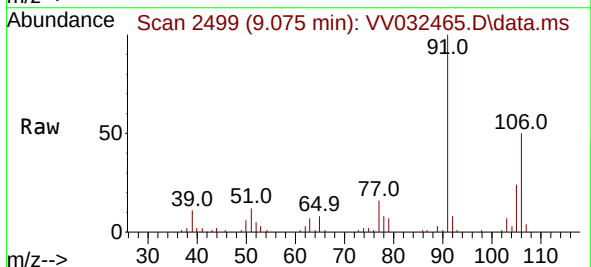
Acq: 18 Oct 2023 12:42

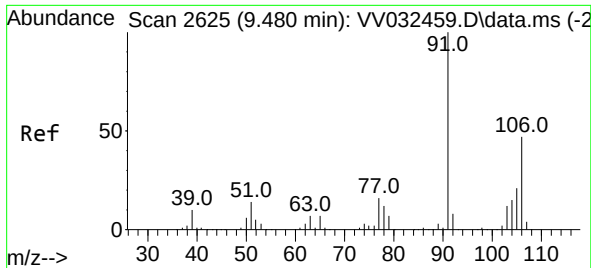
Tgt Ion:106 Resp: 19239

Ion Ratio Lower Upper

106 100

91 200.2 144.5 268.3

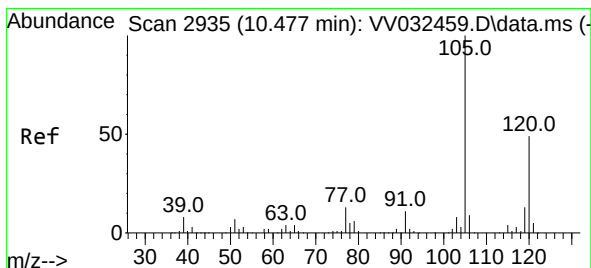
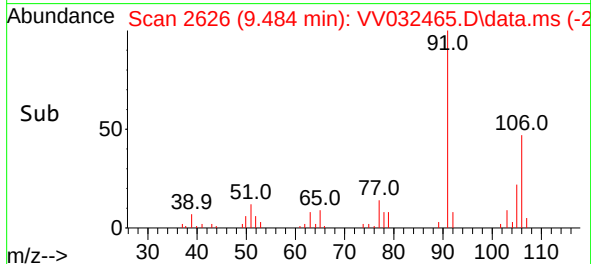
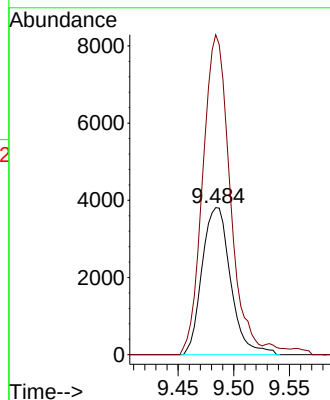
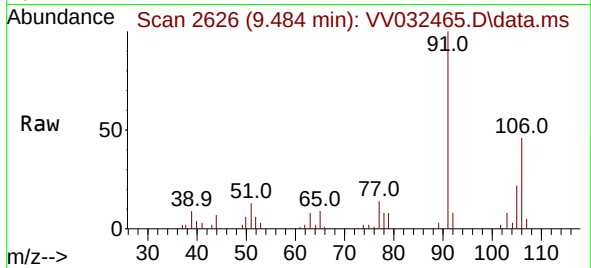




#54
o-Xylene
Concen: 0.450 ug/L
RT: 9.484 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032465.D
Acq: 18 Oct 2023 12:42

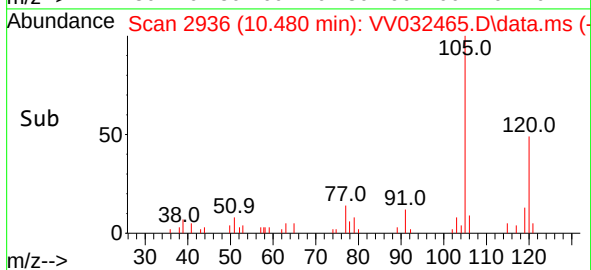
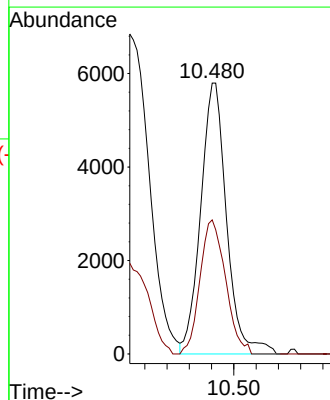
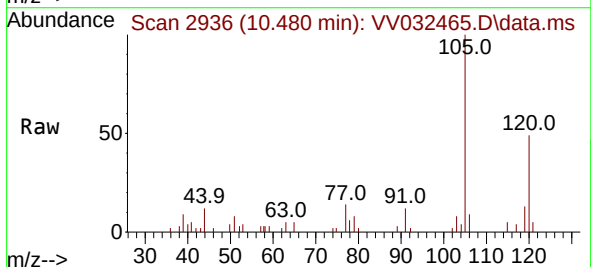
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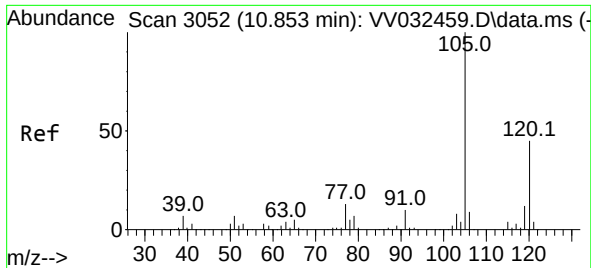
Tgt Ion:106 Resp: 6792
Ion Ratio Lower Upper
106 100
91 217.7 154.8 287.4



#62
1,3,5-Trimethylbenzene
Concen: 0.303 ug/L
RT: 10.480 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VV032465.D
Acq: 18 Oct 2023 12:42

Tgt Ion:105 Resp: 9376
Ion Ratio Lower Upper
105 100
120 48.9 39.9 59.9





#63
 1,2,4-Trimethylbenzene
 Concen: 1.020 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.003 min
 Lab File: VV032465.D
 Acq: 18 Oct 2023 12:42

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF5

Tgt Ion:105 Resp: 31369
 Ion Ratio Lower Upper
 105 100
 120 43.7 36.2 54.4

