

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011224\
 Data File : VV033601.D
 Acq On : 12 Jan 2024 17:31
 Operator : SY/MD
 Sample : P1108-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AZ3

Quant Time: Jan 12 23:47:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:30:52 2024
 Response via : Initial Calibration

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

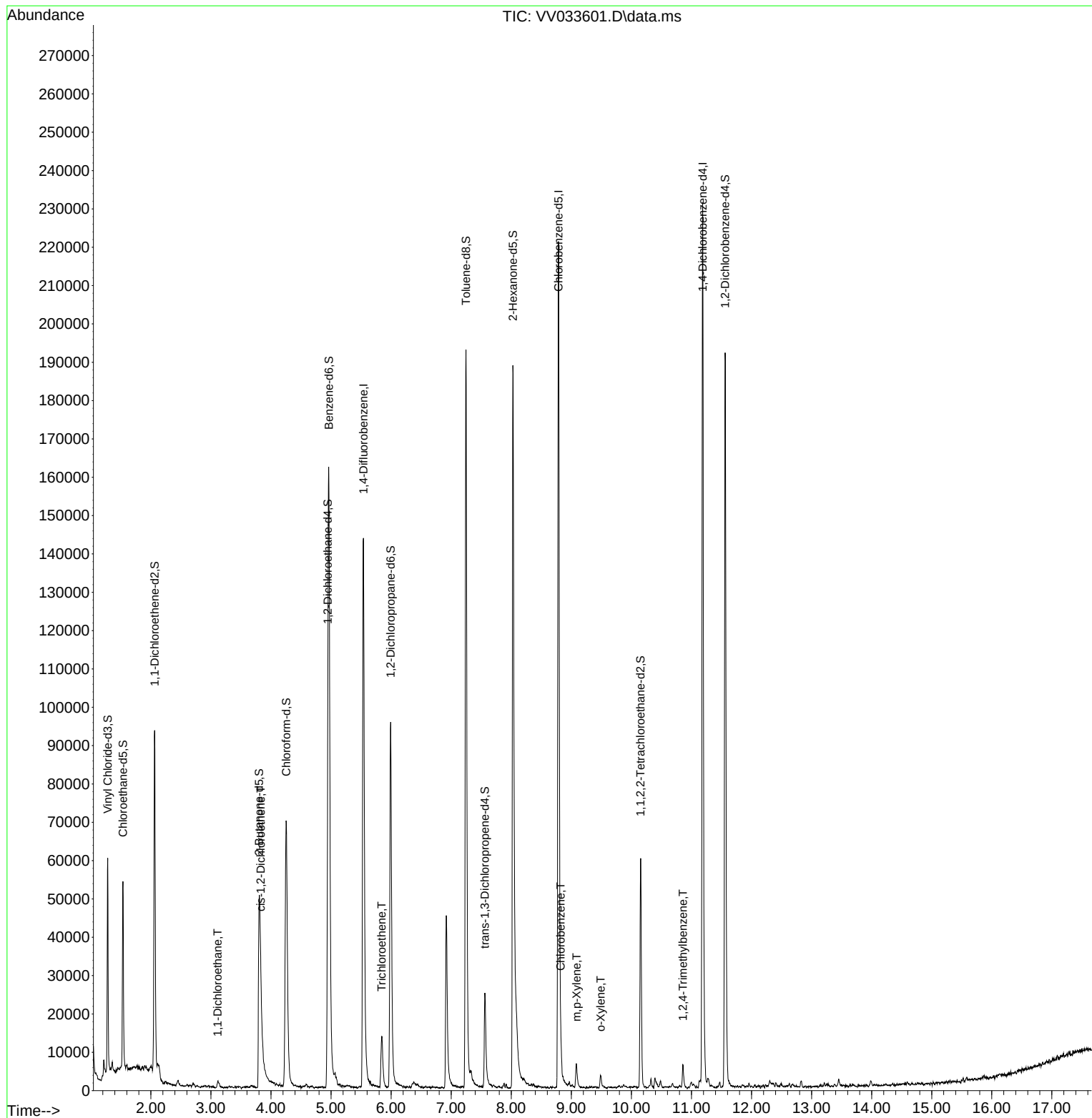
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	125778	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	115803	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	58279	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	33911	4.930	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.600%	
7) Chloroethane-d5	1.535	69	29894	4.901	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.000%	
11) 1,1-Dichloroethene-d2	2.063	65	15830	5.107	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.200%	
20) 2-Butanone-d5	3.802	46	86908	51.681	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.360%	
24) Chloroform-d	4.252	84	75715	5.091	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
26) 1,2-Dichloroethane-d4	4.947	65	36442	5.464	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.200%	
32) Benzene-d6	4.963	84	145702	5.214	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
36) 1,2-Dichloropropane-d6	5.992	67	47510	5.100	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.000%	
41) Toluene-d8	7.246	98	128067	5.134	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
43) trans-1,3-Dichloroprop...	7.561	79	16134	5.010	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.200%	
46) 2-Hexanone-d5	8.027	63	68716	54.344	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.680%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	29890	5.491	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	47530	5.312	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.200%	
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.114	63	2039	0.102	ug/L	# 75
22) cis-1,2-Dichloroethene	3.828	96	5260	0.502	ug/L	98
34) Trichloroethene	5.844	95	5285	0.483	ug/L	98
51) Chlorobenzene	8.821	112	5011	0.188	ug/L	95
53) m,p-Xylene	9.088	106	1990	0.107	ug/L	87
54) o-Xylene	9.487	106	962	0.053	ug/L	71
63) 1,2,4-Trimethylbenzene	10.860	105	3791	0.094	ug/L	100

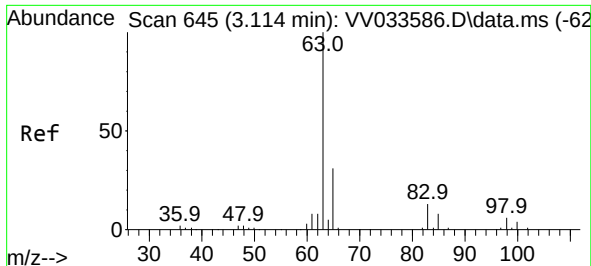
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 12 23:30:52 2024
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 0.102 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV033601.D

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Instrument :

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ClientSampleId :

C0AZ3

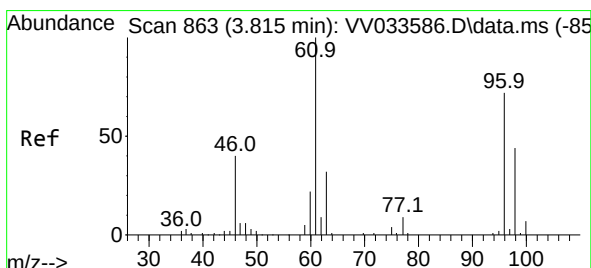
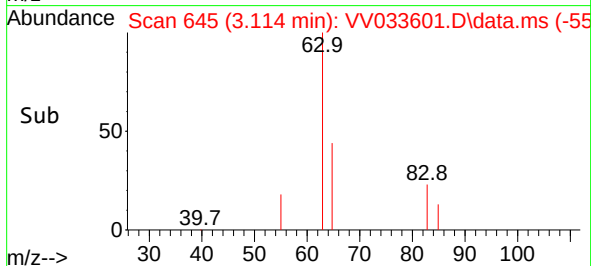
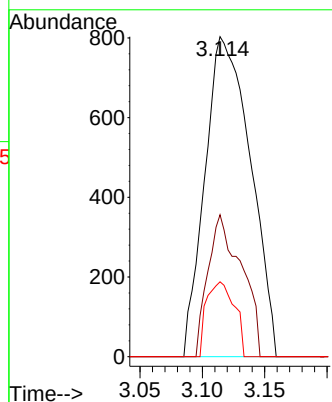
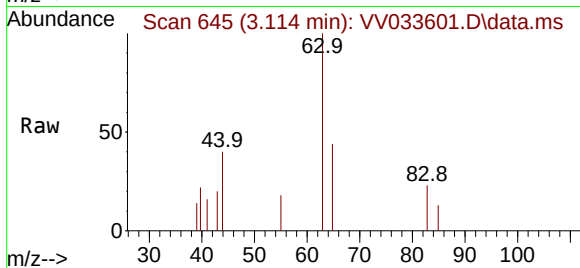
Tgt Ion: 63 Resp: 2039

Ion Ratio Lower Upper

63 100

65 44.3 21.6 40.2#

83 23.4 9.1 16.9#



#22

cis-1,2-Dichloroethene

Concen: 0.502 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.013 min

Lab File: VV033601.D

Acq: 12 Jan 2024 17:31

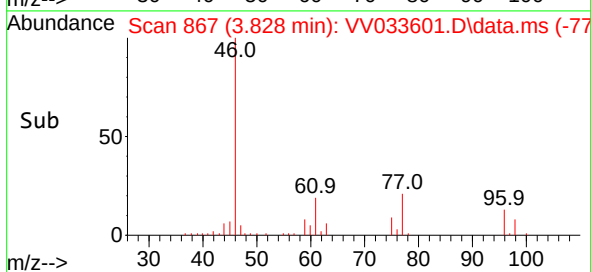
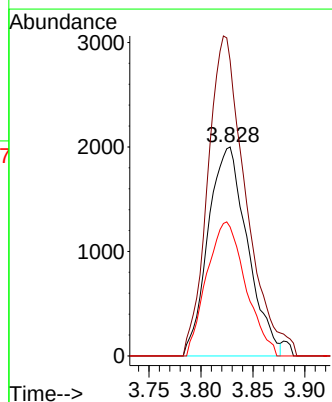
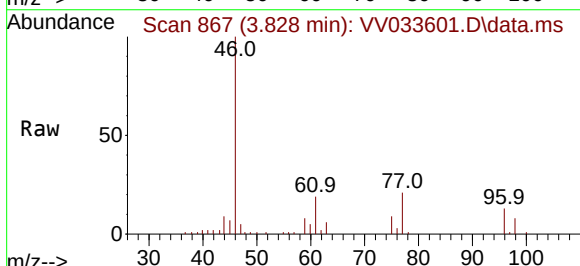
Tgt Ion: 96 Resp: 5260

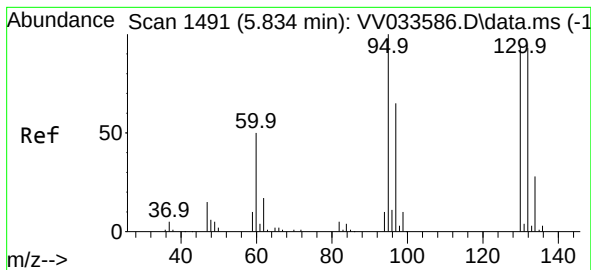
Ion Ratio Lower Upper

96 100

61 141.4 97.1 180.3

98 61.7 42.6 79.0





#34

Trichloroethene

Concen: 0.483 ug/L

RT: 5.844 min Scan# 1491

Delta R.T. 0.010 min

Lab File: VV033601.D

Acq: 12 Jan 2024 17:31

Instrument :

MSVOA_V

ClientSampleId :

C0AZ3

Tgt Ion: 95 Resp: 5285

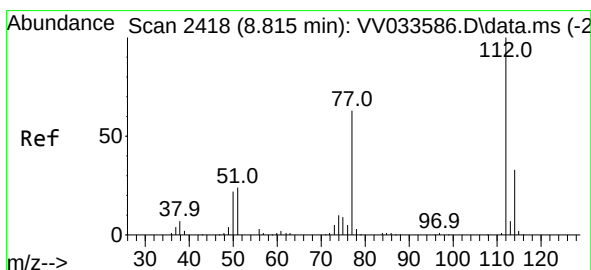
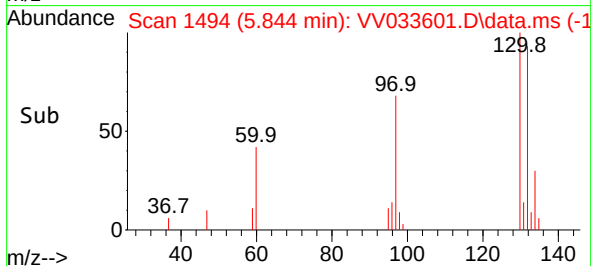
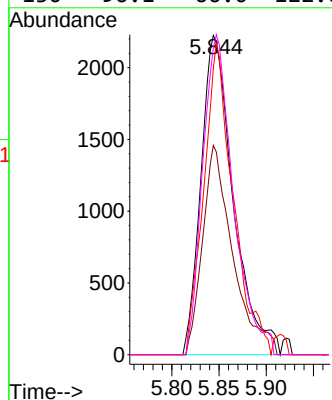
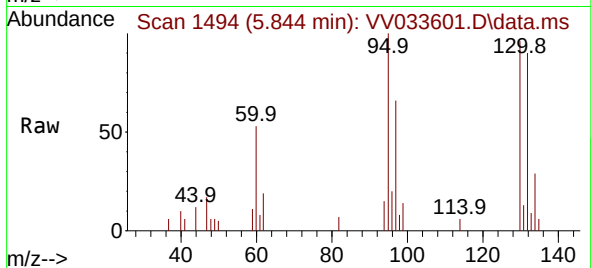
Ion Ratio Lower Upper

95 100

97 65.5 45.1 83.9

132 89.6 65.2 121.2

130 96.1 66.0 122.6



#51

Chlorobenzene

Concen: 0.188 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.006 min

Lab File: VV033601.D

Acq: 12 Jan 2024 17:31

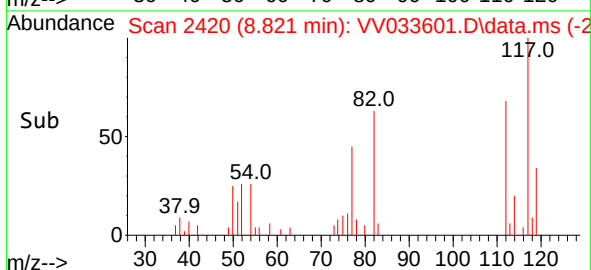
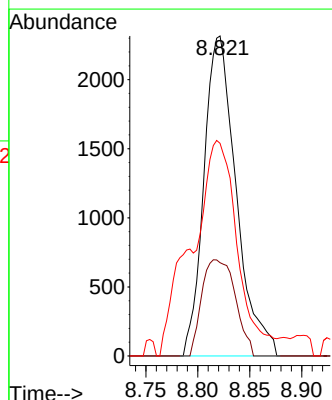
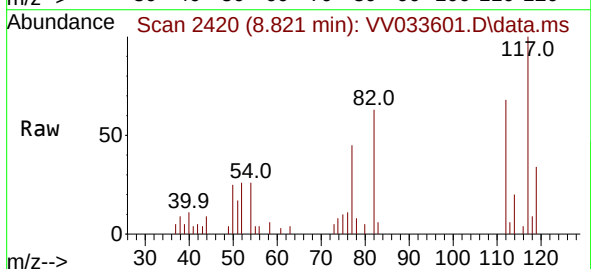
Tgt Ion: 112 Resp: 5011

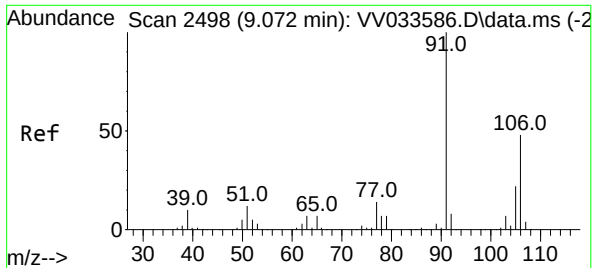
Ion Ratio Lower Upper

112 100

114 29.2 22.9 42.5

77 66.5 50.8 76.2

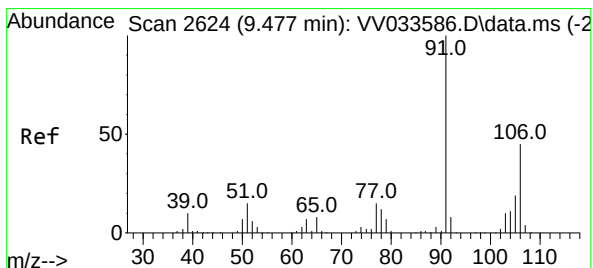
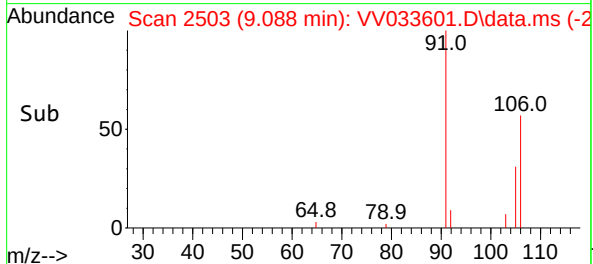
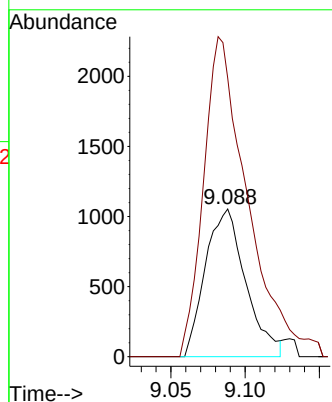
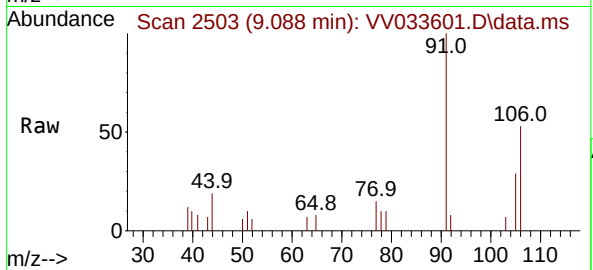




#53
m,p-Xylene
Concen: 0.107 ug/L
RT: 9.088 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV033601.D
Acq: 12 Jan 2024 17:31

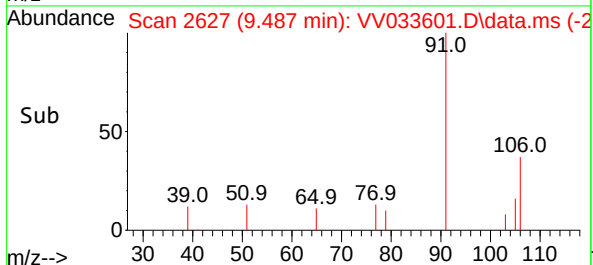
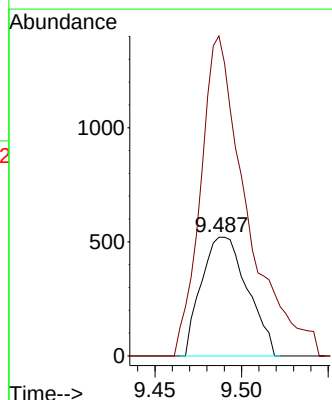
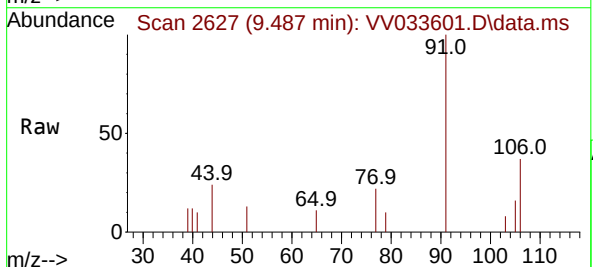
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MSVOA_V
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C0AZ3

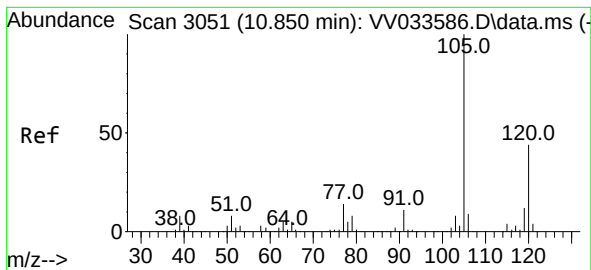
Tgt Ion:106 Resp: 1990
Ion Ratio Lower Upper
106 100
91 188.5 146.2 271.4



#54
o-Xylene
Concen: 0.053 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.010 min
Lab File: VV033601.D
Acq: 12 Jan 2024 17:31

Tgt Ion:106 Resp: 962
Ion Ratio Lower Upper
106 100
91 269.6 156.0 289.6





#63
 1,2,4-Trimethylbenzene
 Concen: 0.094 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. 0.010 min
 Lab File: VV033601.D
 Acq: 12 Jan 2024 17:31

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AZ3

Tgt Ion:105 Resp: 3791
 Ion Ratio Lower Upper
 105 100
 120 44.4 35.5 53.3

