

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062902.D
 Acq On : 18 Jan 2025 04:07
 Operator : MD/SY
 Sample : Q1126-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF4

Quant Time: Jan 18 04:58:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 23:41:19 2025
 Response via : Initial Calibration

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

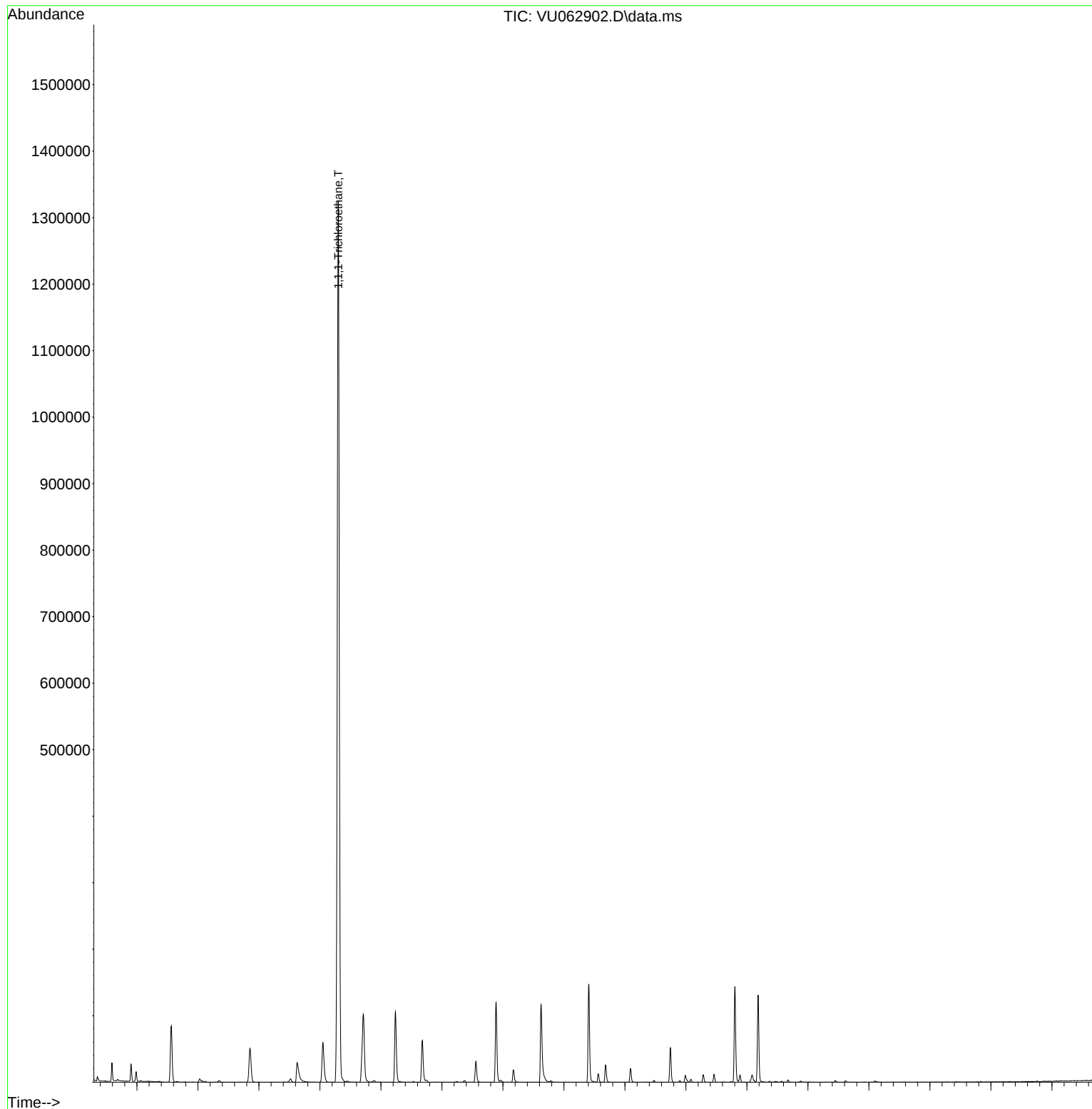
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	85487	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	82327	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40985	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	18361	3.878	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.904	69	17435	4.578	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.557	65	9566	3.900	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.628	46	48964	50.600	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.200%
24) Chloroform-d	5.049	84	55504	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.689	65	31996	5.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.714	84	94714	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.679	67	27701	4.965	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.888	98	83462	4.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.171	79	12348	4.440	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.624	63	41488	47.428	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.860%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23200	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	34521	5.063	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.570	96	17133	3.228	ug/L	93
19) 1,1-Dichloroethane	3.853	63	57189	5.626	ug/L	96
25) Chloroform	5.074	83	5106	0.408	ug/L	99
29) 1,1,1-Trichloroethane	5.300	97	1015535	81.322	ug/L	99
52) Ethylbenzene	9.563	91	9323	0.317	ug/L	100
53) m,p-Xylene	9.682	106	7504	0.682	ug/L	81
54) o-Xylene	10.094	106	5700	0.541	ug/L	90
62) 1,3,5-Trimethylbenzene	11.081	105	3420	0.142	ug/L	95
63) 1,2,4-Trimethylbenzene	11.460	105	7472	0.322	ug/L	99

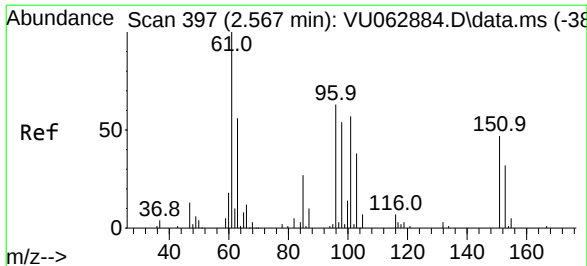
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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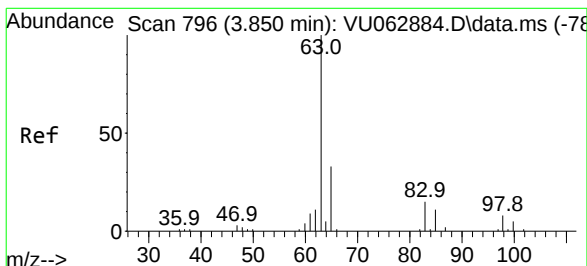
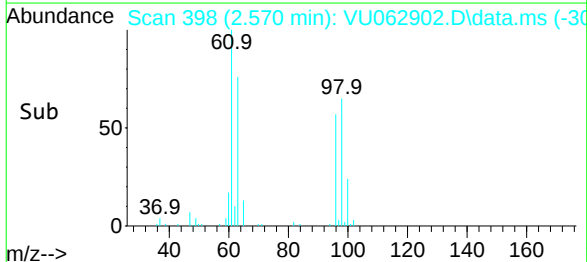
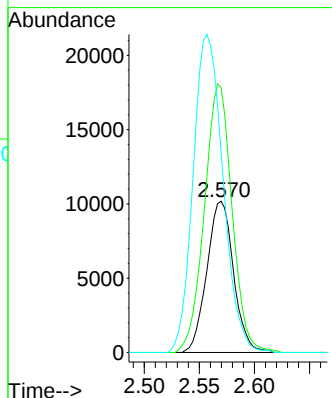
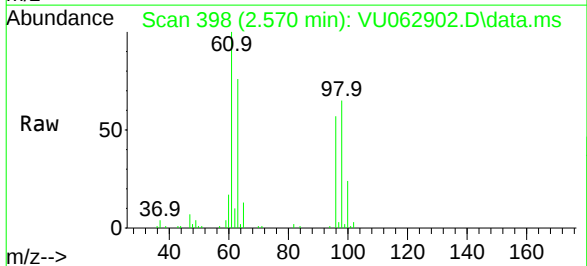




#12
1,1-Dichloroethene
Concen: 3.228 ug/L
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU062902.D
Acq: 18 Jan 2025 04:07

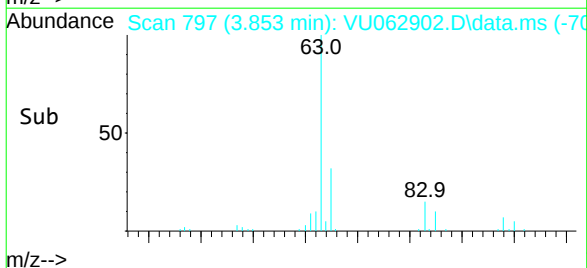
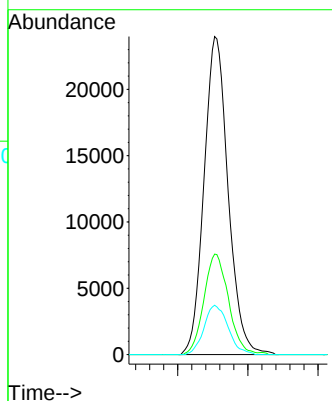
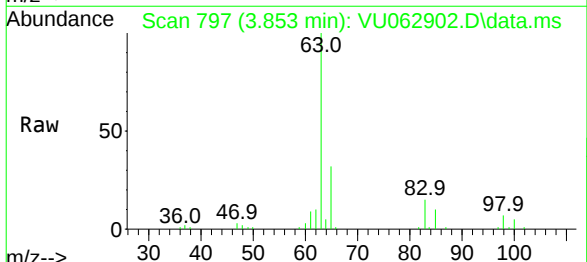
Instrument :
MSVOA_U
ClientSampleId :
C0AF4

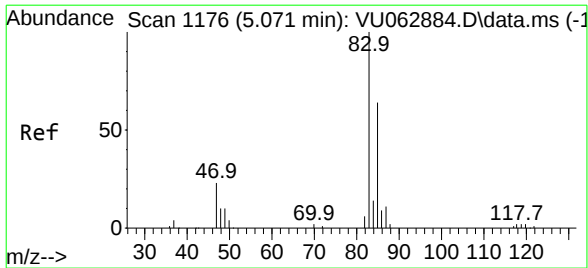
Tgt Ion: 96 Resp: 17133
Ion Ratio Lower Upper
96 100
61 175.1 120.4 223.6
63 132.8 82.3 152.9



#19
1,1-Dichloroethane
Concen: 5.626 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU062902.D
Acq: 18 Jan 2025 04:07

Tgt Ion: 63 Resp: 57189
Ion Ratio Lower Upper
63 100
65 32.3 20.7 38.5
83 15.5 10.5 19.5

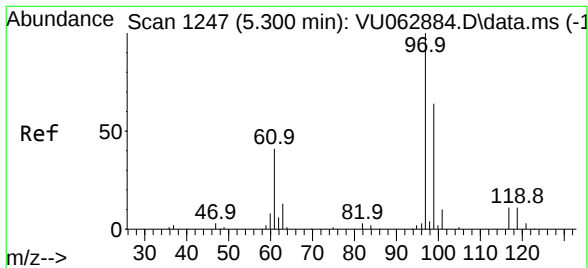
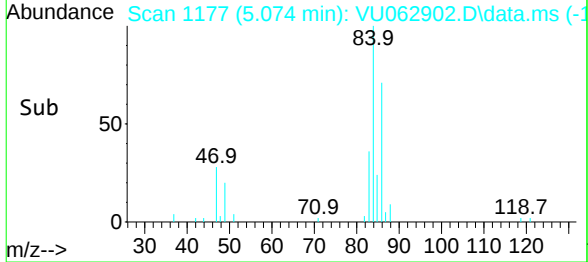
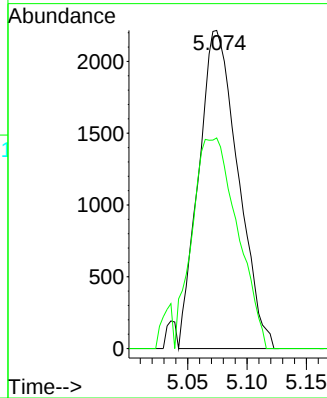
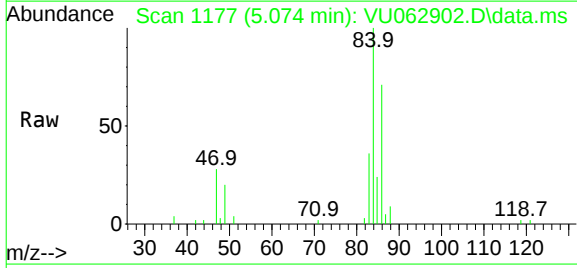




#25
Chloroform
Concen: 0.408 ug/L
RT: 5.074 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VU062902.D
Acq: 18 Jan 2025 04:07

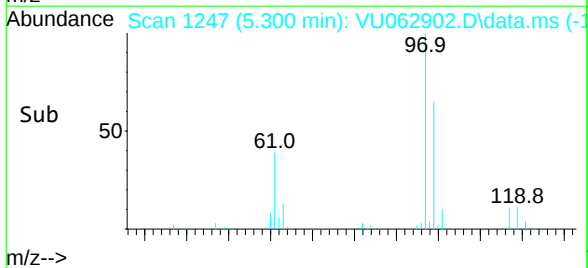
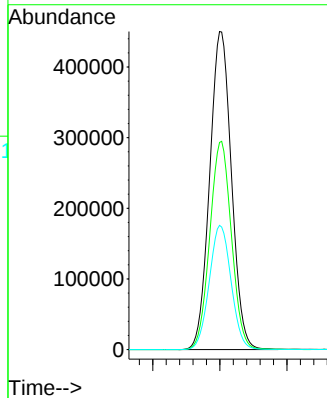
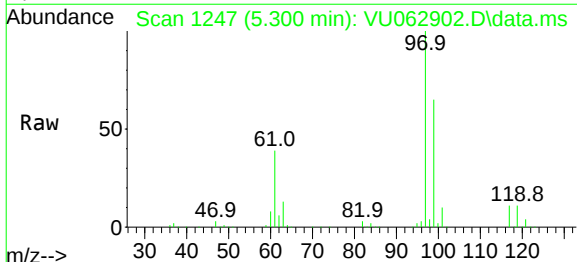
Instrument :
MSVOA_U
ClientSampleId :
C0AF4

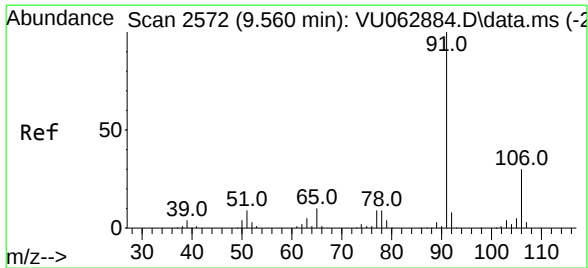
Tgt Ion: 83 Resp: 5106
Ion Ratio Lower Upper
83 100
85 66.2 45.8 85.2



#29
1,1,1-Trichloroethane
Concen: 81.322 ug/L
RT: 5.300 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU062902.D
Acq: 18 Jan 2025 04:07

Tgt Ion: 97 Resp: 1015535
Ion Ratio Lower Upper
97 100
99 65.1 52.4 78.6
61 39.1 32.2 48.4

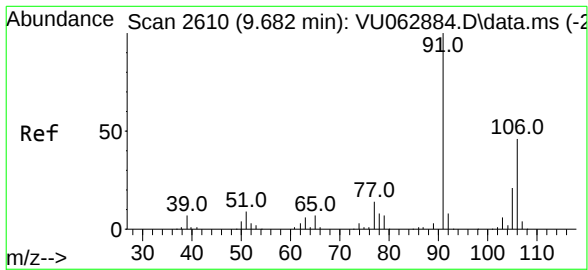
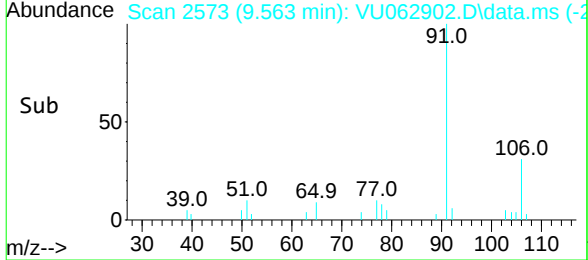
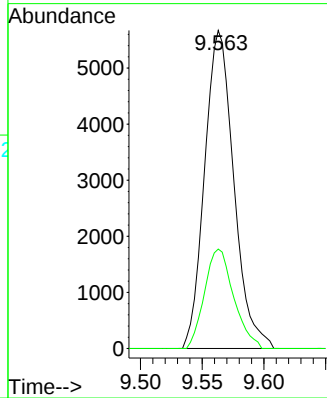
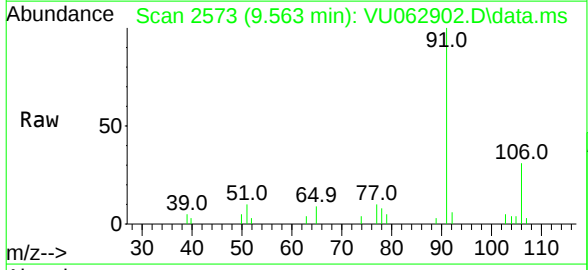




#52
Ethylbenzene
Concen: 0.317 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU062902.D
Acq: 18 Jan 2025 04:07

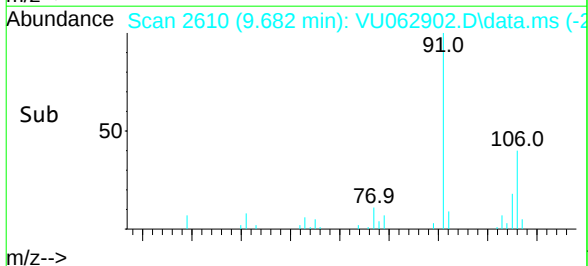
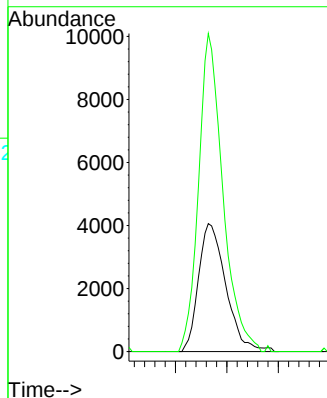
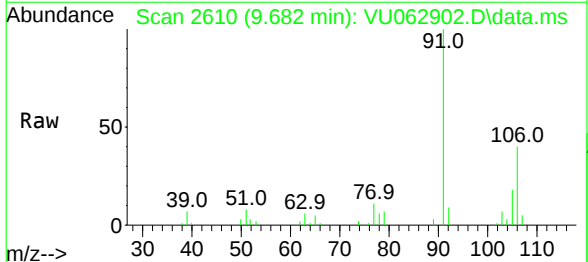
Instrument :
MSVOA_U
ClientSampleId :
C0AF4

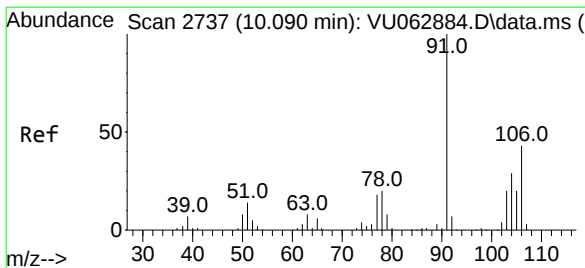
Tgt Ion: 91 Resp: 9323
Ion Ratio Lower Upper
91 100
106 31.3 21.9 40.7



#53
m,p-Xylene
Concen: 0.682 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.000 min
Lab File: VU062902.D
Acq: 18 Jan 2025 04:07

Tgt Ion: 106 Resp: 7504
Ion Ratio Lower Upper
106 100
91 248.6 153.1 284.3





#54

o-Xylene

Concen: 0.541 ug/L

RT: 10.094 min Scan# 27

Delta R.T. 0.003 min

Lab File: VU062902.D

Acq: 18 Jan 2025 04:07

Instrument :

MSVOA_U

ClientSampleId :

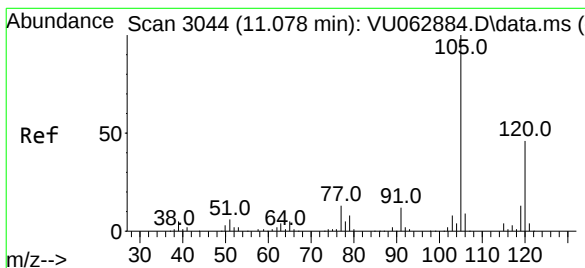
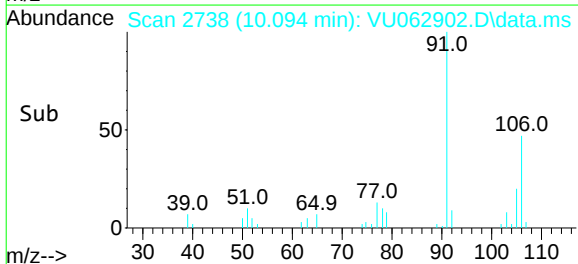
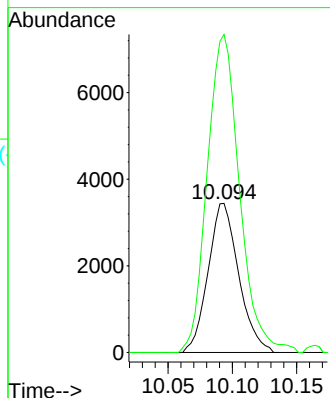
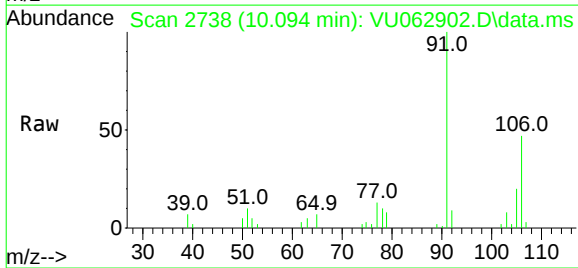
C0AF4

Tgt Ion:106 Resp: 5700

Ion Ratio Lower Upper

106 100

91 213.3 160.4 297.8



#62

1,3,5-Trimethylbenzene

Concen: 0.142 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU062902.D

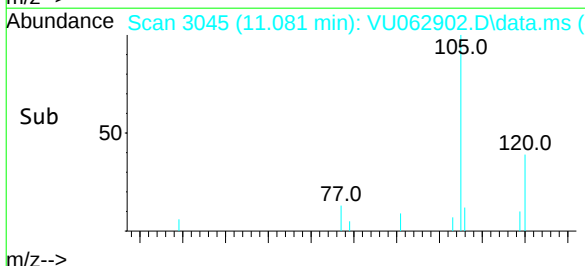
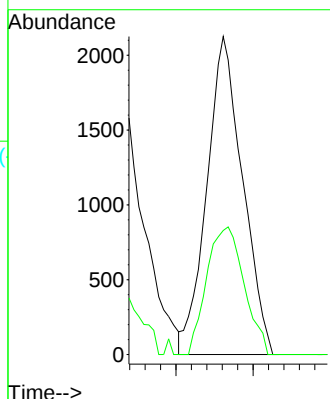
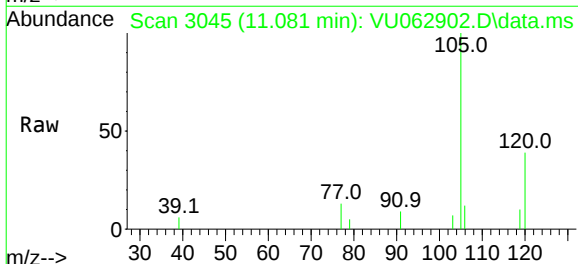
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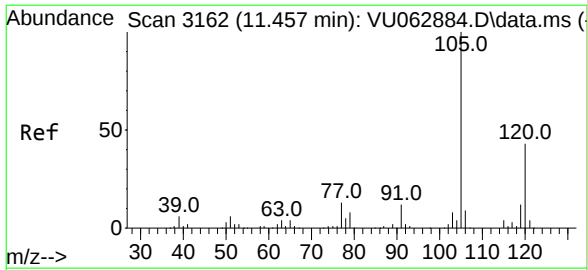
Tgt Ion:105 Resp: 3420

Ion Ratio Lower Upper

105 100

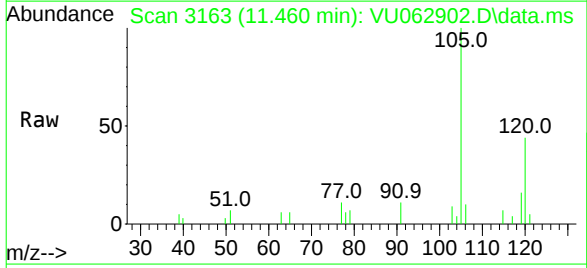
120 41.9 35.9 53.9





#63
1,2,4-Trimethylbenzene
Concen: 0.322 ug/L
RT: 11.460 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU062902.D
Acq: 18 Jan 2025 04:07

Instrument :
MSVOA_U
ClientSampleId :
C0AF4



Tgt Ion:105 Resp: 7472
Ion Ratio Lower Upper
105 100
120 41.8 34.2 51.2

