

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 :

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
15) Methyl Acetate	3.026	43	2827	1.703	ug/L #	44
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
30) Cyclohexane	5.367	56	799	0.098	ug/L #	53
31) Carbon tetrachloride	5.303	117	117400	10.230	ug/L	100
35) Methylcyclohexane	6.753	83	1257	0.126	ug/L #	75
37) 1,2-Dichloropropane	6.679	63	3327	0.596	ug/L #	85
42) Toluene	7.962	91	2453	0.095	ug/L	87
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
60) Isopropylbenzene	10.473	105	2386	0.084	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
71) Naphthalene	14.100	128	3247	0.279	ug/L #	80

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
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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

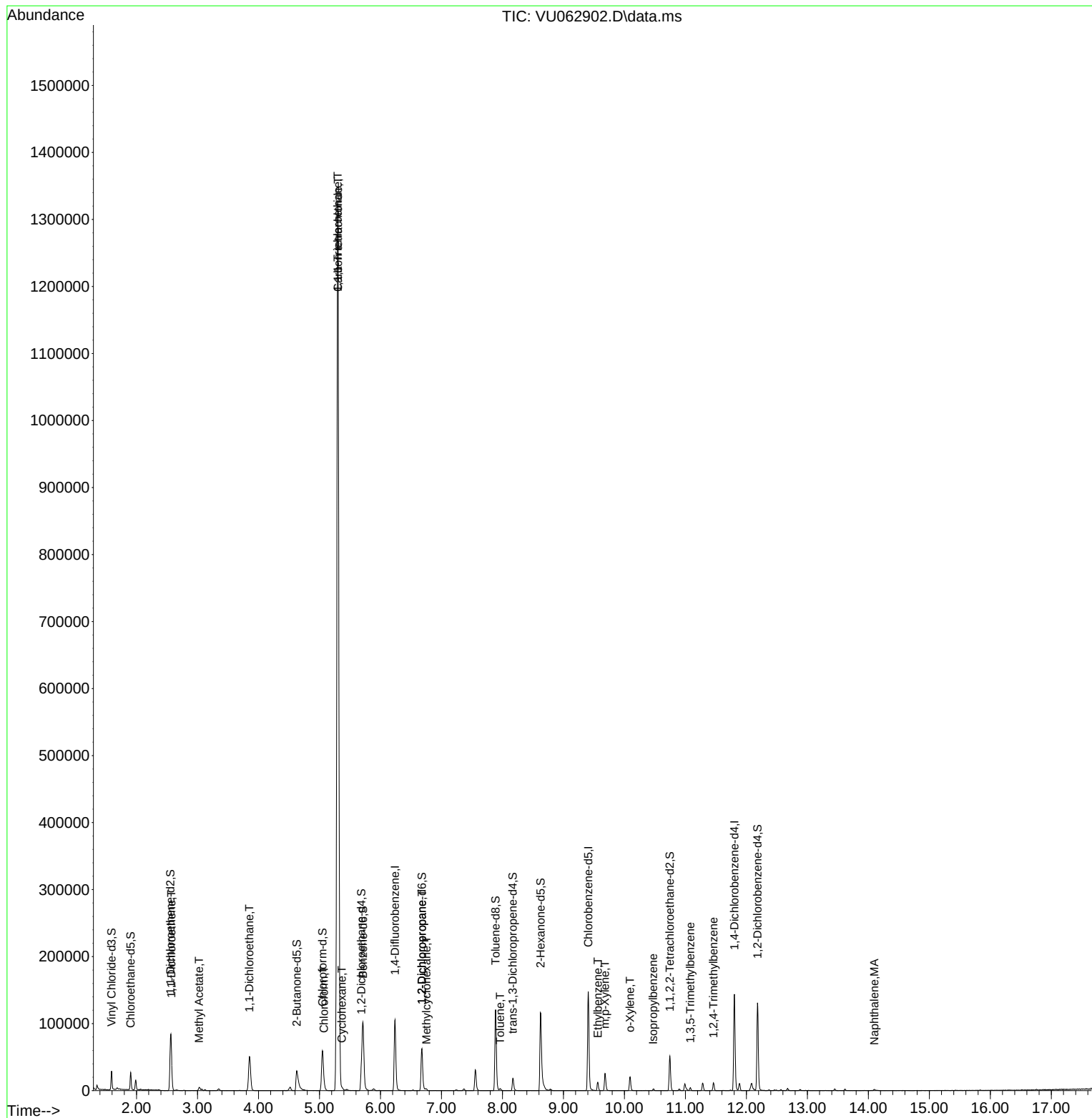
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

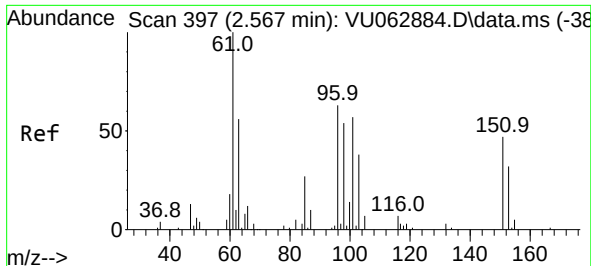
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
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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 :

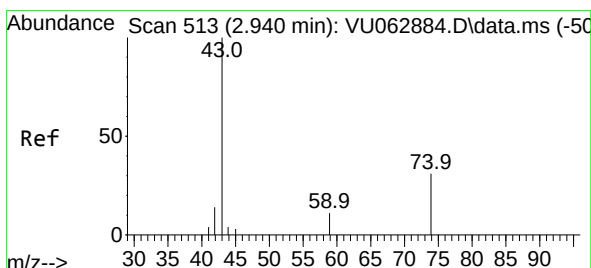
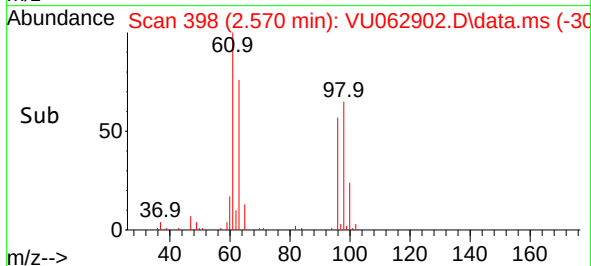
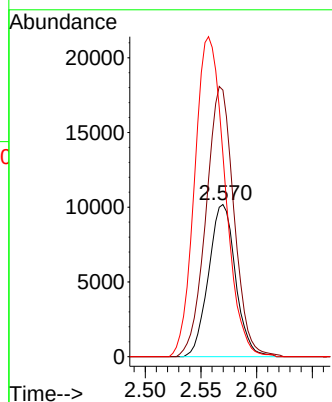
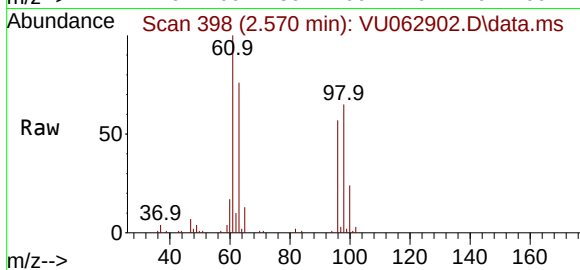
Tgt Ion: 96 Resp: 17133

Ion Ratio Lower Upper

96 100

61 175.1 120.4 223.6

63 132.8 82.3 152.9



#15

Methyl Acetate

Concen: 1.703 ug/L

RT: 3.026 min Scan# 540

Delta R.T. 0.087 min

Lab File: VU062902.D

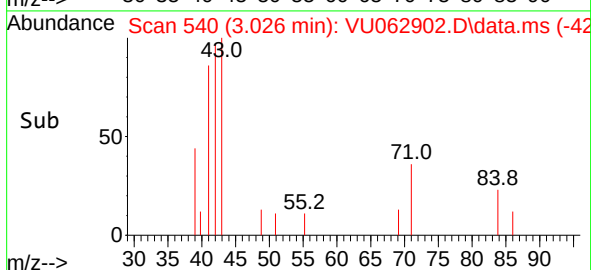
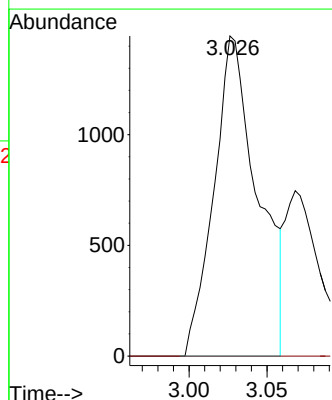
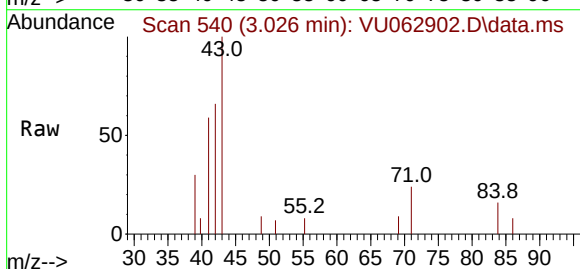
Acq: 18 Jan 2025 04:07

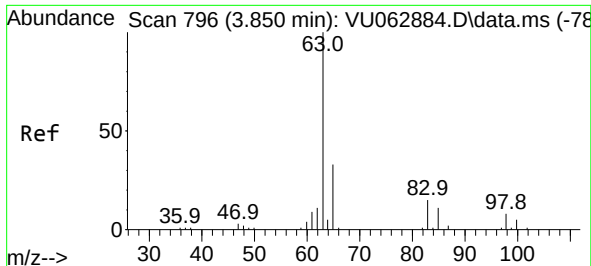
Tgt Ion: 43 Resp: 2827

Ion Ratio Lower Upper

43 100

74 0.0 24.4 36.6#





#19

1,1-Dichloroethane

Concen: 5.626 ug/L

RT: 3.853 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU062902.D

Acq: 18 Jan 2025 04:07

Instrument :

MSVOA_U

ClientSampleId :

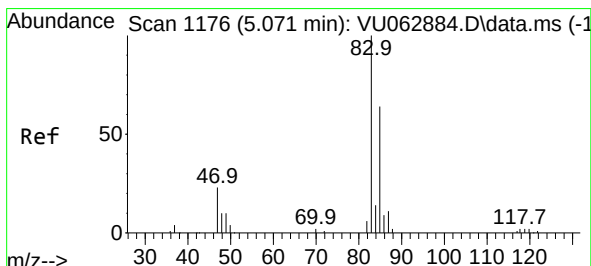
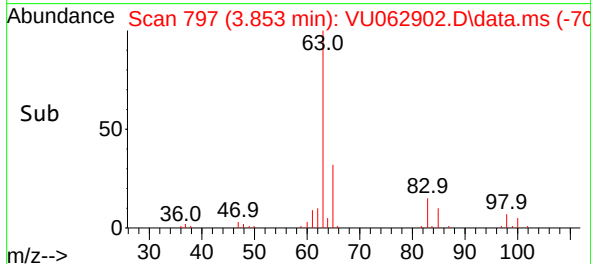
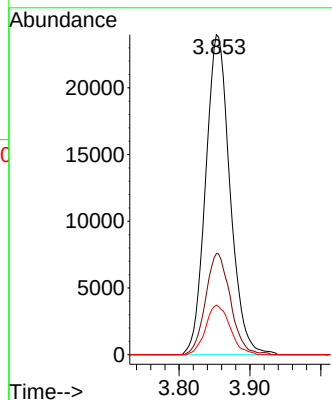
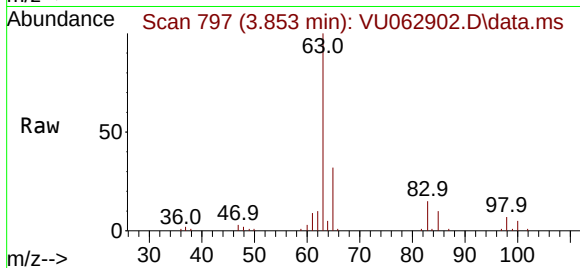
Tgt Ion: 63 Resp: 57189

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# 1177

Delta R.T. 0.003 min

Lab File: VU062902.D

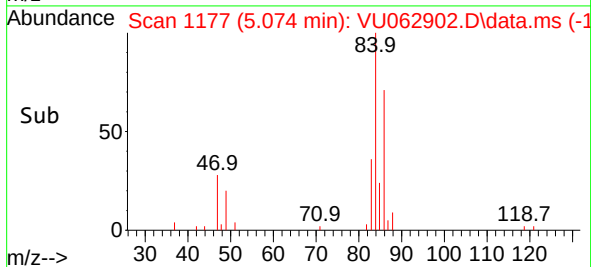
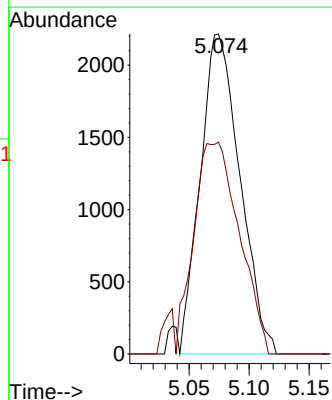
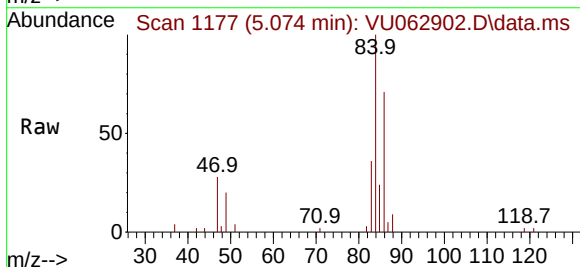
Acq: 18 Jan 2025 04:07

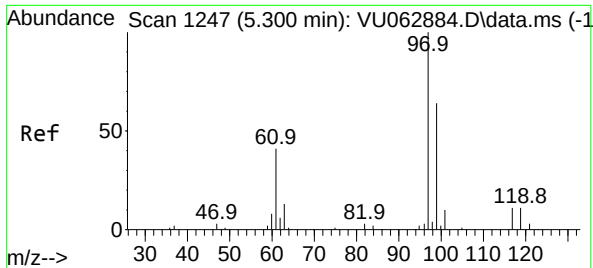
Tgt Ion: 83 Resp: 5106

Ion Ratio Lower Upper

83 100

85 66.2 45.8 85.2

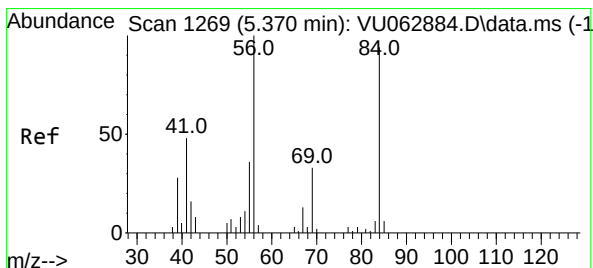
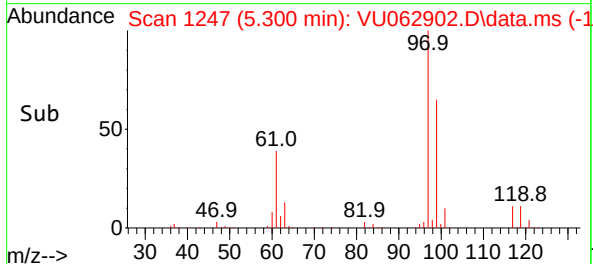
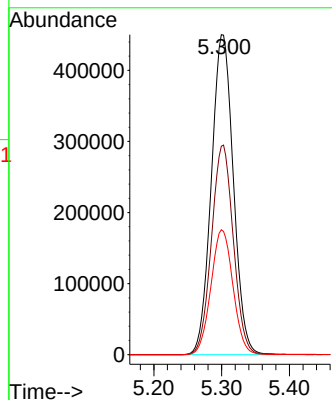
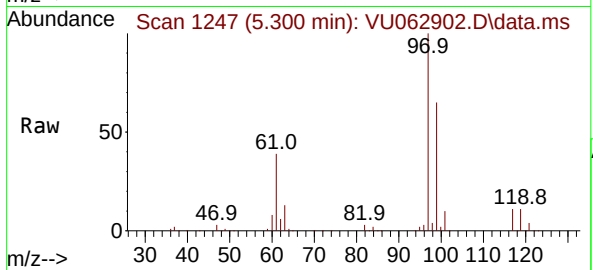




#29
1,1,1-Trichloroethane
Concen: 81.322 ug/L
RT: 5.300 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062902.D
Acq: 18 Jan 2025 04:07

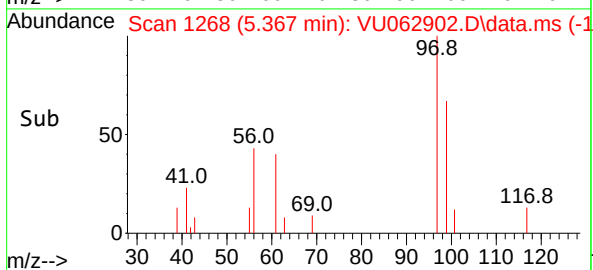
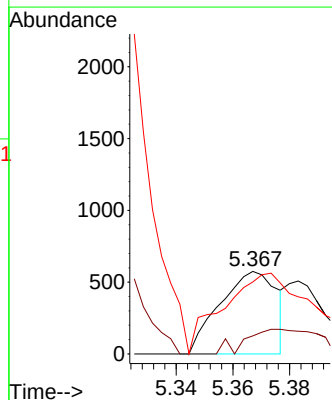
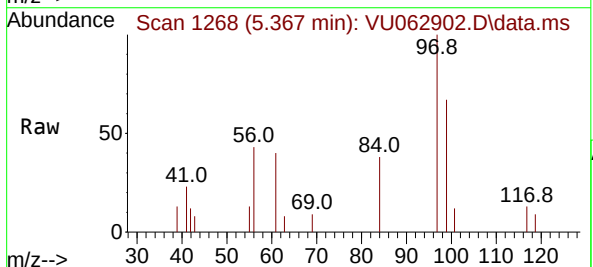
Instrument :
MSVOA_U
ClientSampleId :

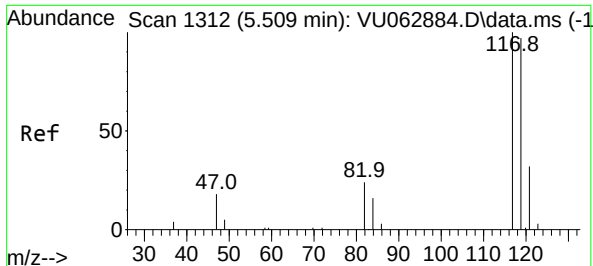
Tgt Ion: 97 Resp: 1015535
Ion Ratio Lower Upper
97 100
99 65.1 52.4 78.6
61 39.1 32.2 48.4



#30
Cyclohexane
Concen: 0.098 ug/L
RT: 5.367 min Scan# 1268
Delta R.T. -0.003 min
Lab File: VU062902.D
Acq: 18 Jan 2025 04:07

Tgt Ion: 56 Resp: 799
Ion Ratio Lower Upper
56 100
69 37.7 28.3 42.5
84 156.8 76.5 114.7#

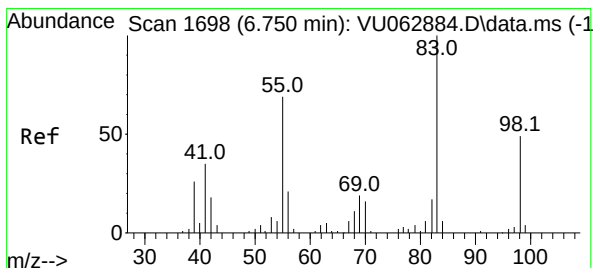
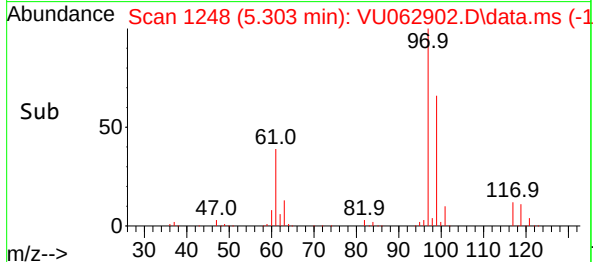
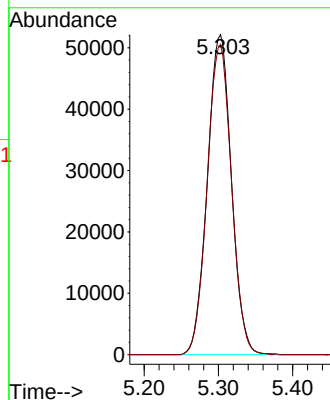
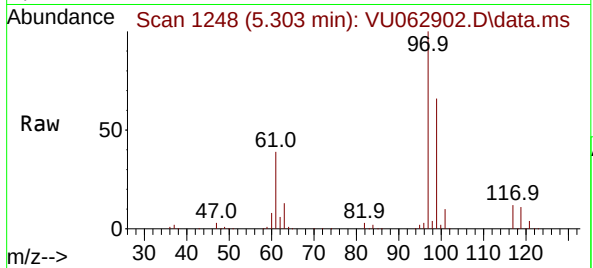




#31
Carbon tetrachloride
Concen: 10.230 ug/L
RT: 5.303 min Scan# 117
Delta R.T. -0.206 min
Lab File: VU062902.D
Acq: 18 Jan 2025 04:07

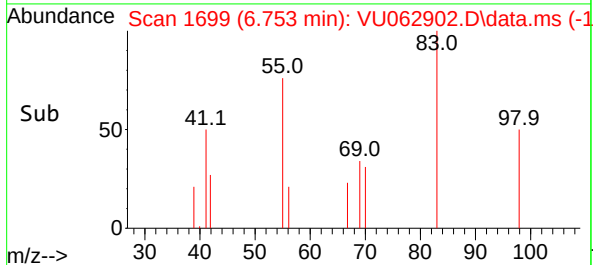
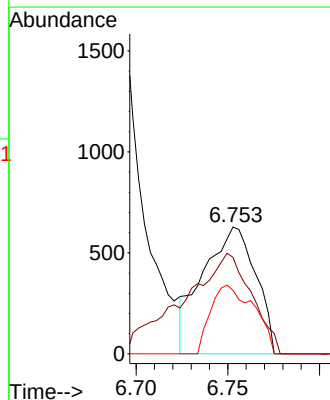
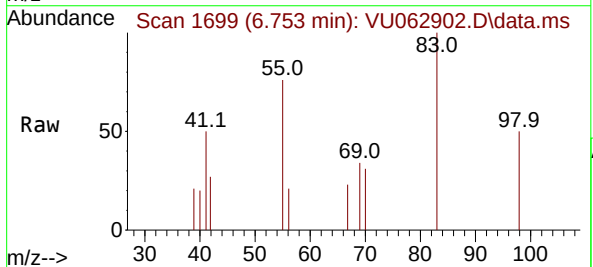
Instrument :
MSVOA_U
ClientSampleId :

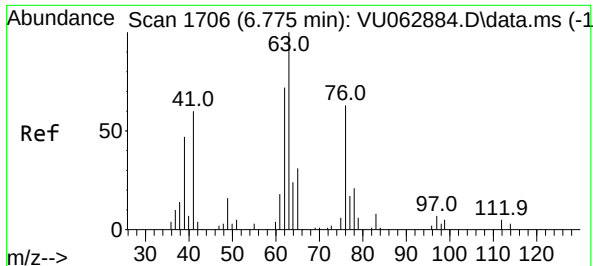
Tgt Ion:117 Resp: 117400
Ion Ratio Lower Upper
117 100
119 98.2 78.6 118.0



#35
Methylcyclohexane
Concen: 0.126 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.003 min
Lab File: VU062902.D
Acq: 18 Jan 2025 04:07

Tgt Ion: 83 Resp: 1257
Ion Ratio Lower Upper
83 100
55 104.0 57.2 85.8#
98 44.2 36.6 55.0

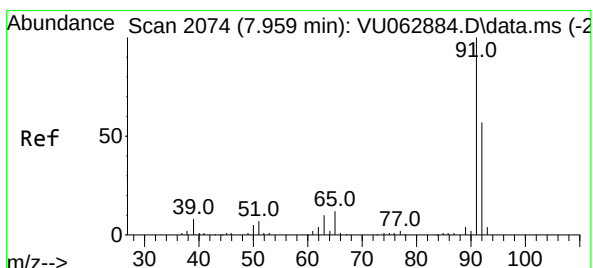
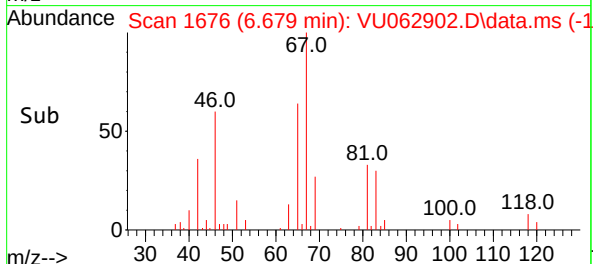
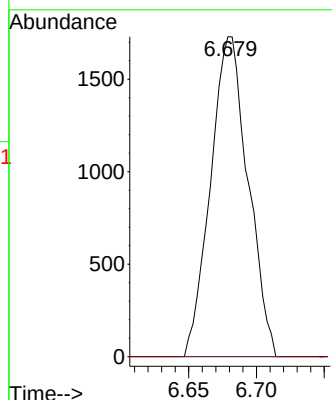
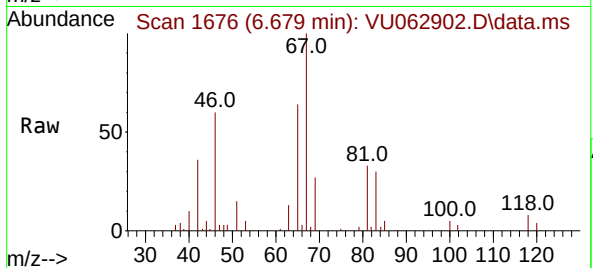




#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU062902.D
Acq: 18 Jan 2025 04:07

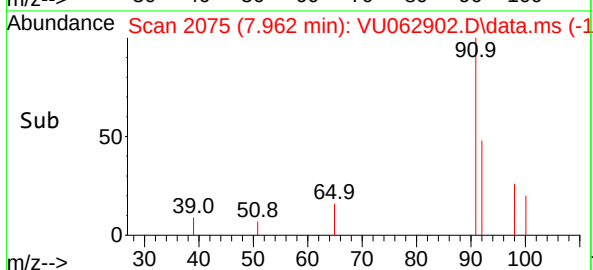
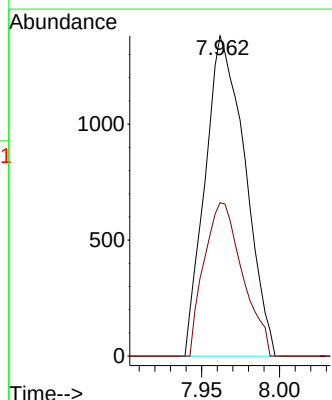
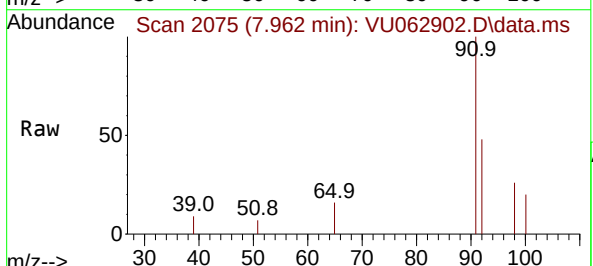
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MSVOA_U
ClientSampleId :

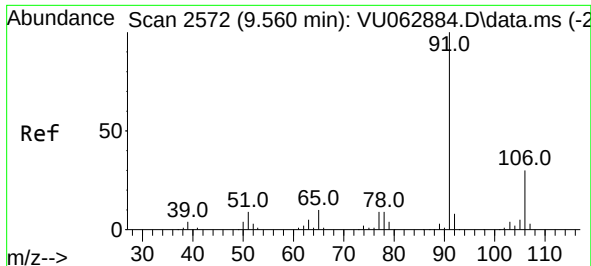
Tgt Ion: 63 Resp: 3327
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#42
Toluene
Concen: 0.095 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU062902.D
Acq: 18 Jan 2025 04:07

Tgt Ion: 91 Resp: 2453
Ion Ratio Lower Upper
91 100
92 47.9 40.4 75.0

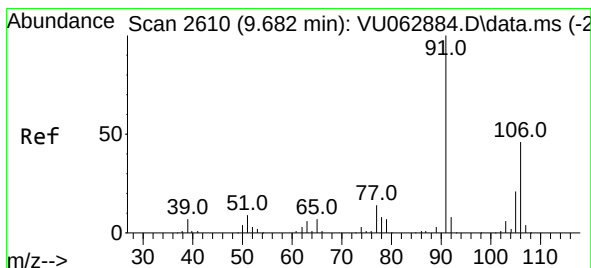
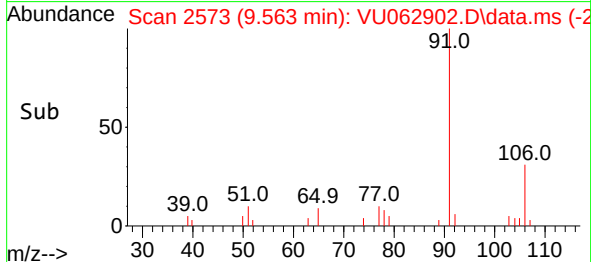
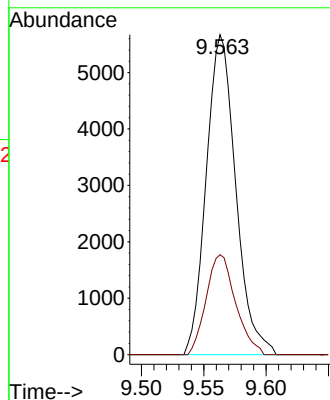
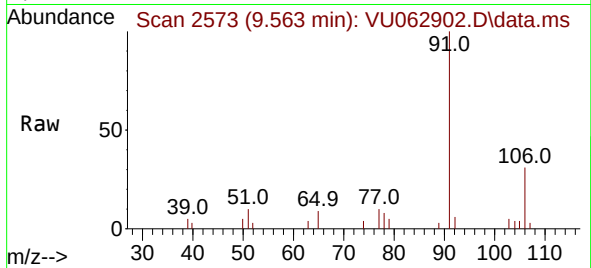




#52
Ethylbenzene
Concen: 0.317 ug/L
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062902.D
Acq: 18 Jan 2025 04:07

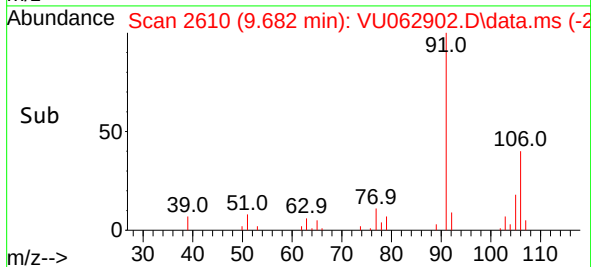
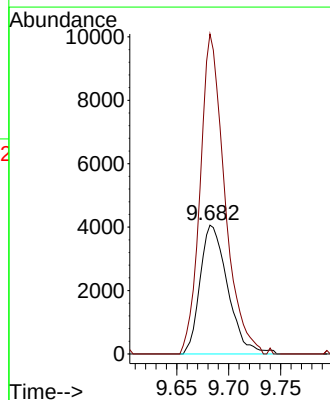
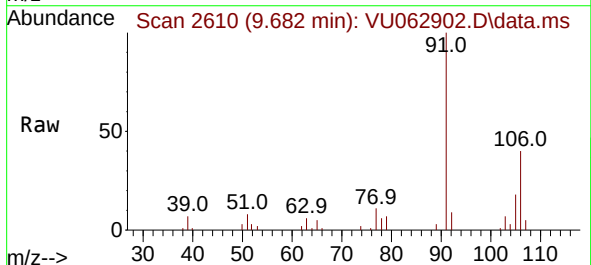
Instrument :
MSVOA_U
ClientSampleId :

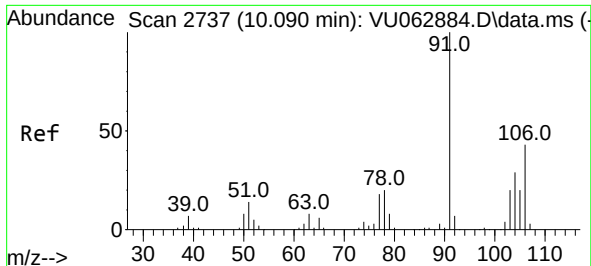
Tgt Ion: 91 Resp: 9323
Ion Ratio Lower Upper
91 100
106 31.3 21.9 40.7



#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

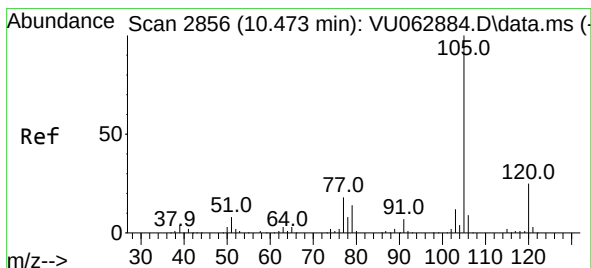
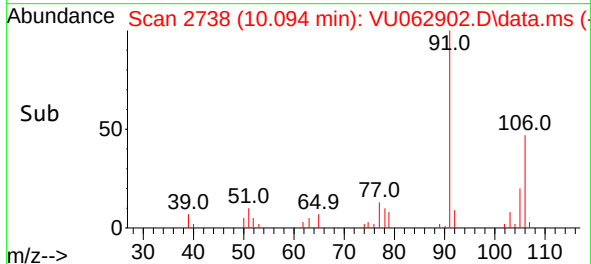
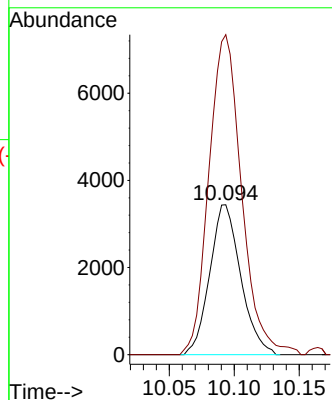
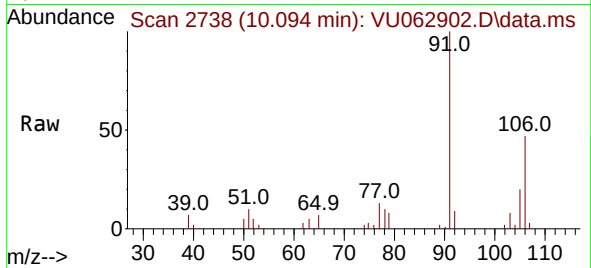




#54
o-Xylene
Concen: 0.541 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062902.D
Acq: 18 Jan 2025 04:07

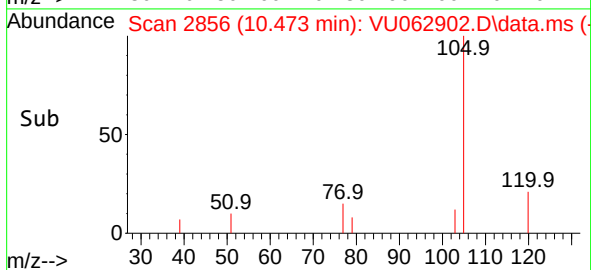
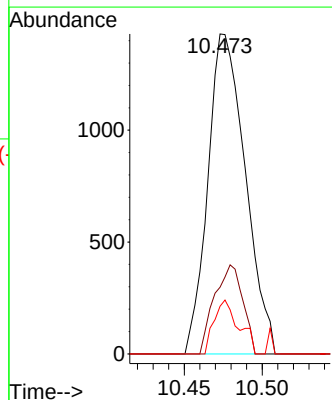
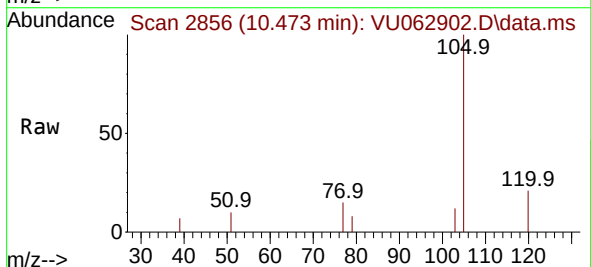
Instrument :
MSVOA_U
ClientSampleId :

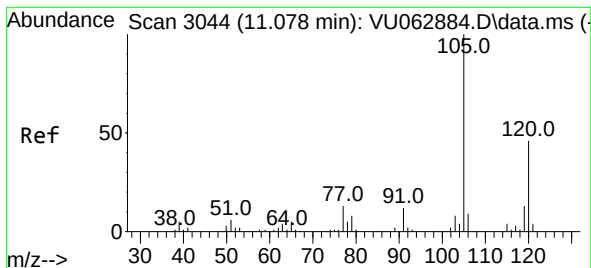
Tgt Ion:106 Resp: 5700
Ion Ratio Lower Upper
106 100
91 213.3 160.4 297.8



#60
Isopropylbenzene
Concen: 0.084 ug/L
RT: 10.473 min Scan# 2856
Delta R.T. -0.000 min
Lab File: VU062902.D
Acq: 18 Jan 2025 04:07

Tgt Ion:105 Resp: 2386
Ion Ratio Lower Upper
105 100
120 21.0 20.2 30.2
77 11.1 13.0 19.4#





#62

1,3,5-Trimethylbenzene

Concen: 0.142 ug/L

RT: 11.081 min Scan# 3044

Delta R.T. 0.003 min

Lab File: VU062902.D

Acq: 18 Jan 2025 04:07

Instrument :

MSVOA_U

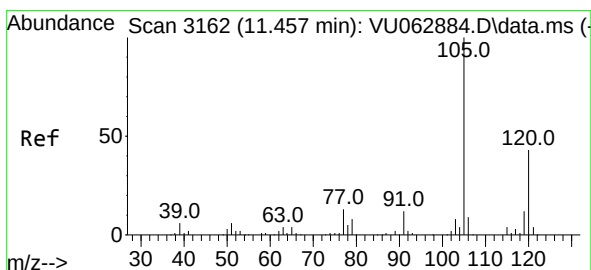
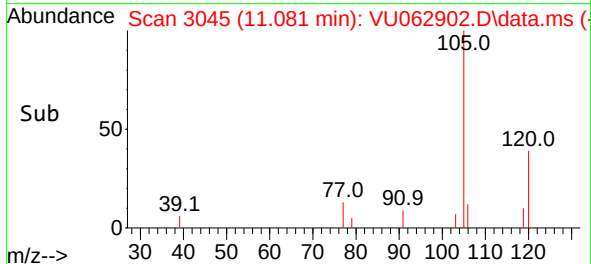
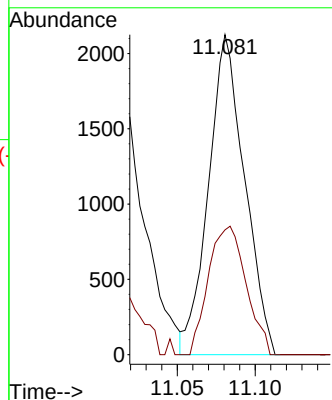
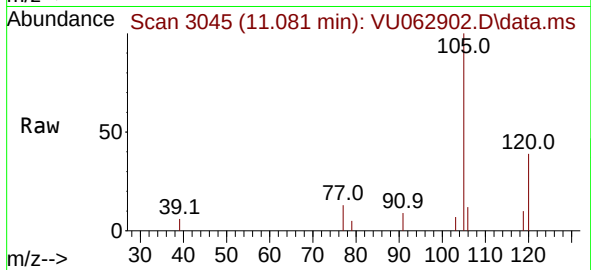
ClientSampleId :

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# 3163

Delta R.T. 0.003 min

Lab File: VU062902.D

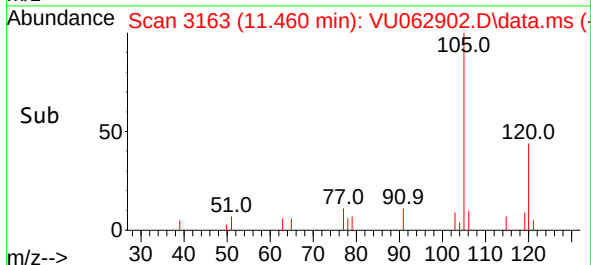
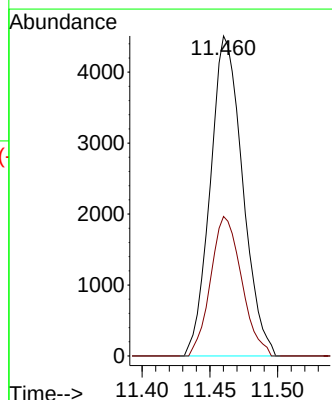
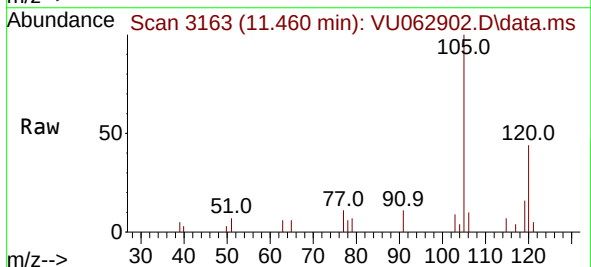
Acq: 18 Jan 2025 04:07

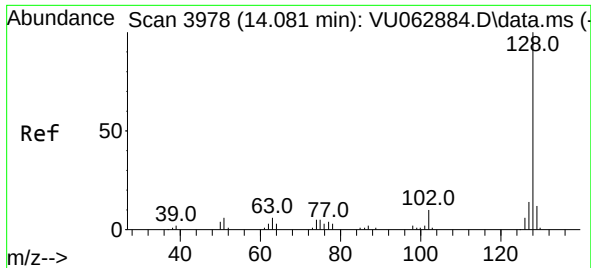
Tgt Ion:105 Resp: 7472

Ion Ratio Lower Upper

105 100

120 41.8 34.2 51.2





#71

Naphthalene

Concen: 0.279 ug/L

RT: 14.100 min Scan# 3978

Delta R.T. 0.019 min

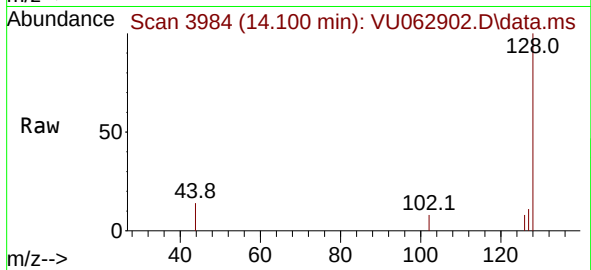
Lab File: VU062902.D

Acq: 18 Jan 2025 04:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 3247

Ion	Ratio	Lower	Upper
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128	100		
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129	2.7	8.5	12.7#
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127	5.1	10.2	15.2#
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