

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
 Data File : VU063073.D
 Acq On : 28 Jan 2025 17:43
 Operator : MD/SY
 Sample : Q1196-01DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 08:42:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 08:16:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	109582	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	63036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	12778	3.244	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.800%
7) Chloroethane-d5	1.901	69	13745	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.554	65	10330	4.385	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.628	46	61929	54.167	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.340%
24) Chloroform-d	5.049	84	68061	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.689	65	41991	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.714	84	109918	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.679	67	30438	5.135	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.888	98	109723	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.171	79	18314	4.990	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	55859	61.006	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.020%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	31415	5.581	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	52542	4.656	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
3) Chloromethane	1.470	50	6964	1.475	ug/L #	40
13) Acetone	2.641	43	3336	4.513	ug/L	79
14) Carbon disulfide	2.779	76	4562	0.313	ug/L	98
33) Benzene	5.759	78	5958	0.241	ug/L	100
35) Methylcyclohexane	6.679	83	10059	0.952	ug/L #	23
37) 1,2-Dichloropropane	6.676	63	4491	0.809	ug/L #	85
39) cis-1,3-Dichloropropene	7.550	75	1322	0.126	ug/L	90
40) 4-Methyl-2-pentanone	7.788	43	3291	1.229	ug/L #	81
42) Toluene	7.962	91	32862	1.120	ug/L	96
47) Tetrachloroethene	8.541	164	53245	7.299	ug/L	94
49) Dibromochloromethane	8.544	129	50060	6.140	ug/L #	12
52) Ethylbenzene	9.563	91	11420	0.334	ug/L	97
53) m,p-Xylene	9.685	106	12986	0.984	ug/L	98
54) o-Xylene	10.090	106	8178	0.676	ug/L	89
62) 1,3,5-Trimethylbenzene	11.084	105	3802	0.109	ug/L	92
63) 1,2,4-Trimethylbenzene	11.460	105	10378	0.313	ug/L	95
71) Naphthalene	14.077	128	108278	6.655	ug/L	98

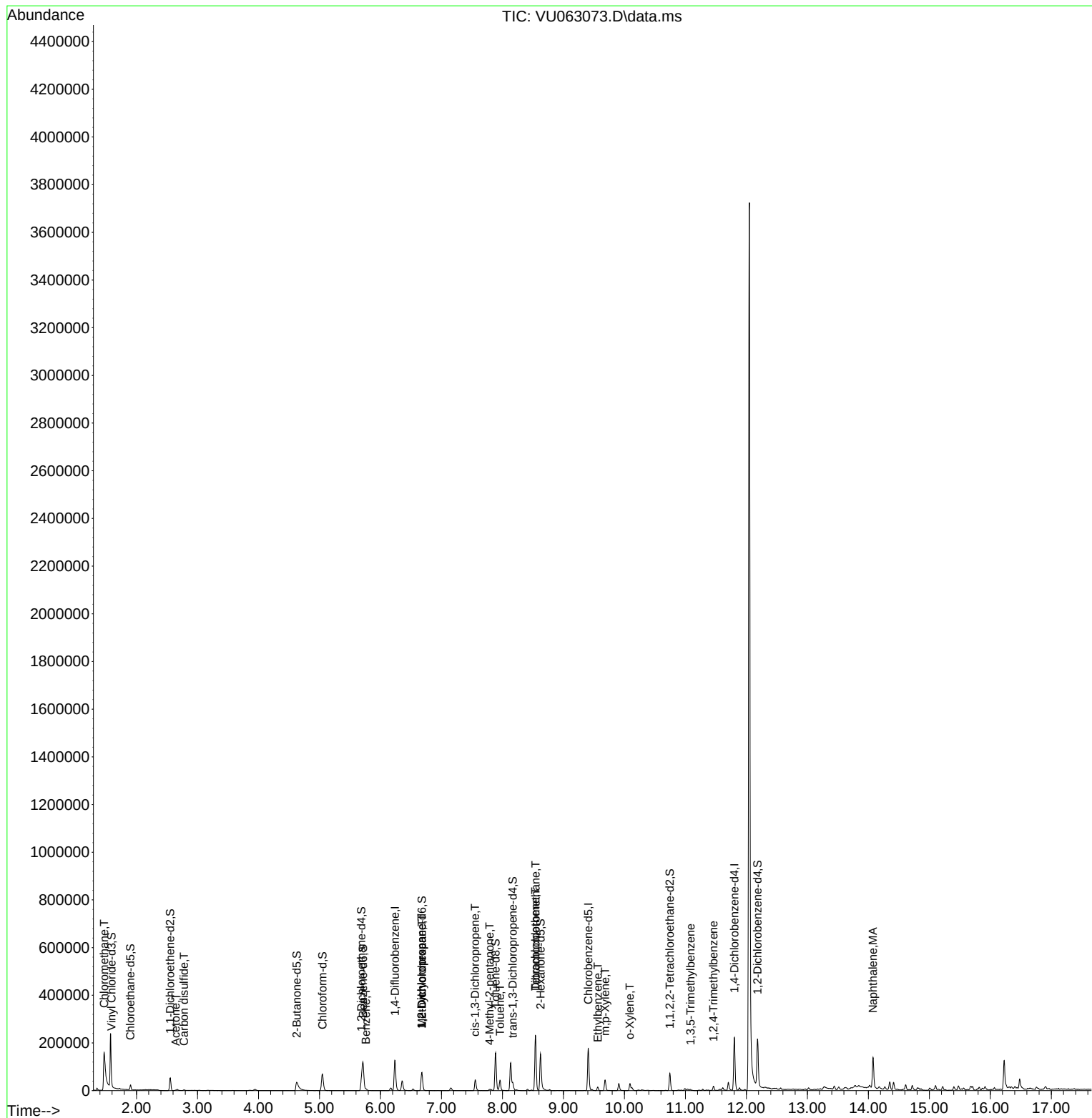
(#) = qualifier out of range (m) = manual integration (+) = signals summed

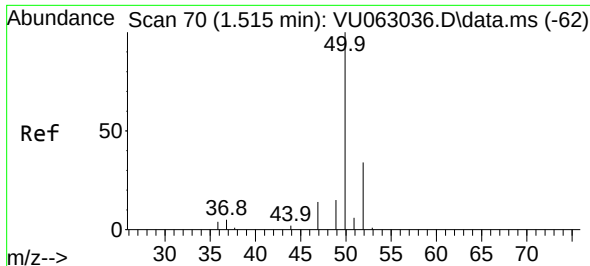
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
Data File : VU063073.D
Acq On : 28 Jan 2025 17:43
Operator : MD/SY
Sample : Q1196-01DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

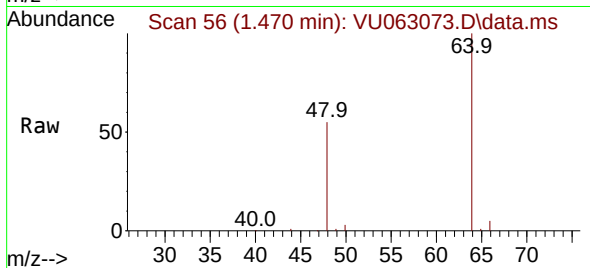
Quant Time: Jan 29 08:42:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
Response via : Initial Calibration



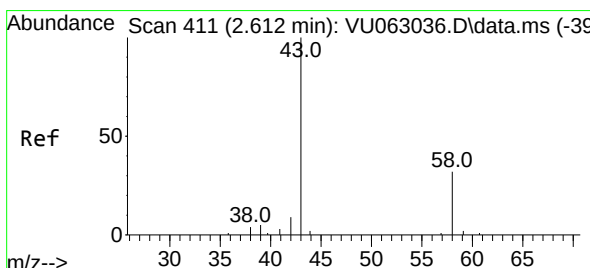
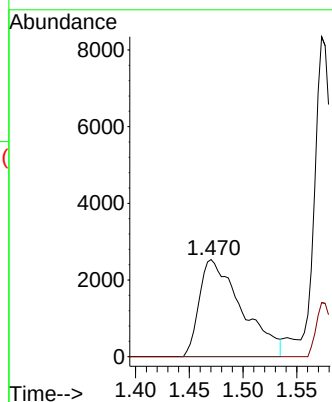
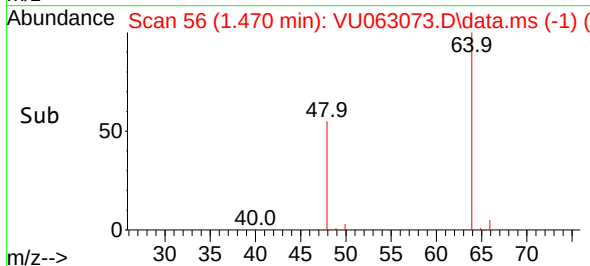


#3
Chloromethane
Concen: 1.475 ug/L
RT: 1.470 min Scan# 50
Delta R.T. -0.045 min
Lab File: VU063073.D
Acq: 28 Jan 2025 17:43

Instrument :
MSVOA_U
ClientSampleId :

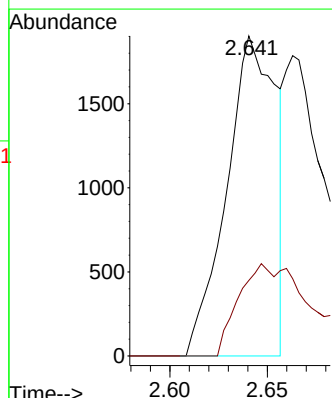
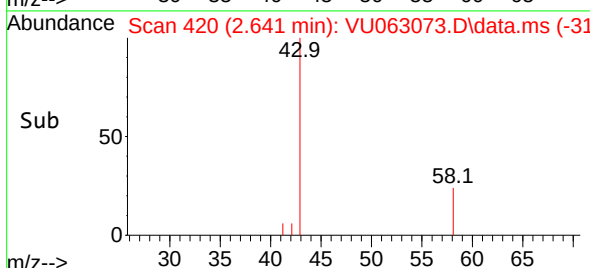
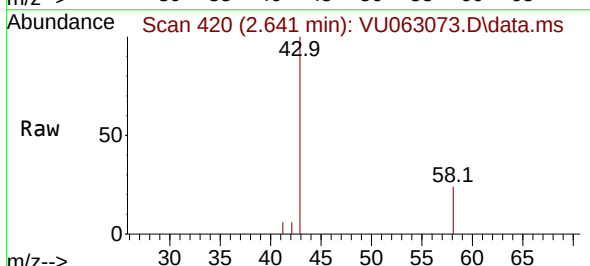


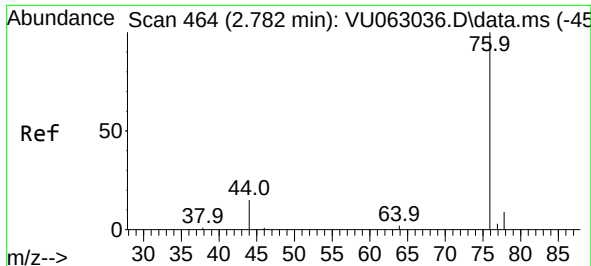
Tgt Ion: 50 Resp: 6964
Ion Ratio Lower Upper
50 100
52 0.0 24.1 44.7#



#13
Acetone
Concen: 4.513 ug/L
RT: 2.641 min Scan# 420
Delta R.T. 0.029 min
Lab File: VU063073.D
Acq: 28 Jan 2025 17:43

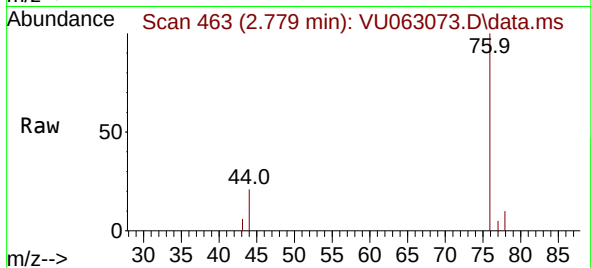
Tgt Ion: 43 Resp: 3336
Ion Ratio Lower Upper
43 100
58 20.7 0.0 64.4



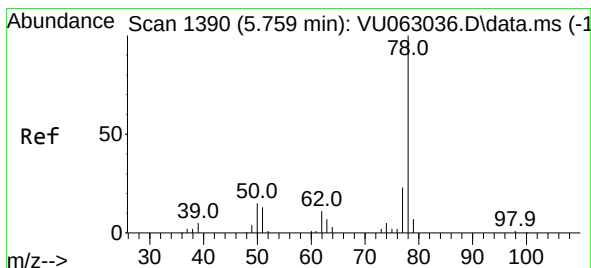
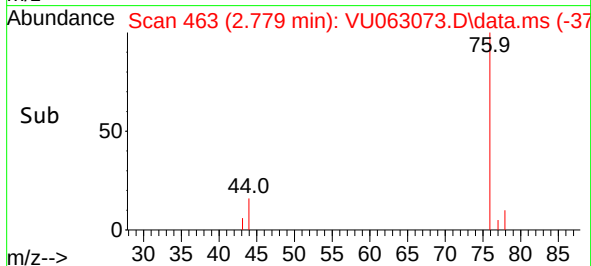
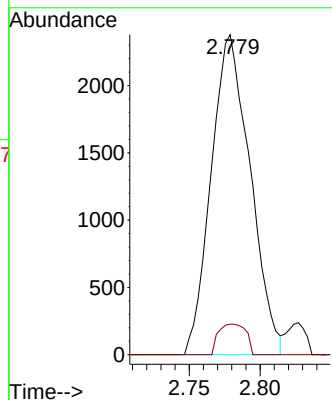


#14
Carbon disulfide
Concen: 0.313 ug/L
RT: 2.779 min Scan# 463
Delta R.T. -0.003 min
Lab File: VU063073.D
Acq: 28 Jan 2025 17:43

Instrument :
MSVOA_U
ClientSampleId :

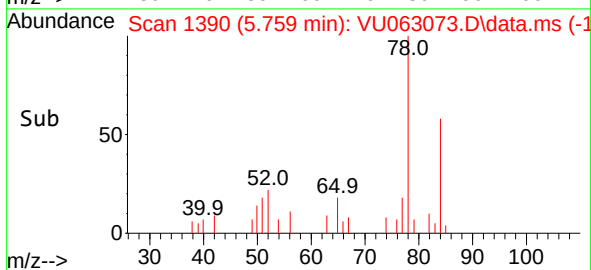
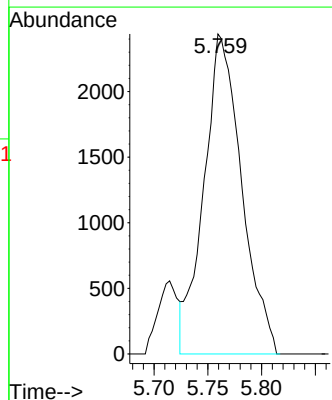
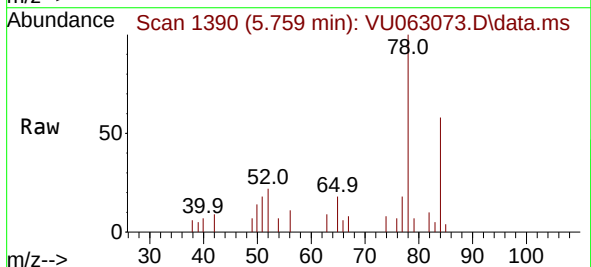


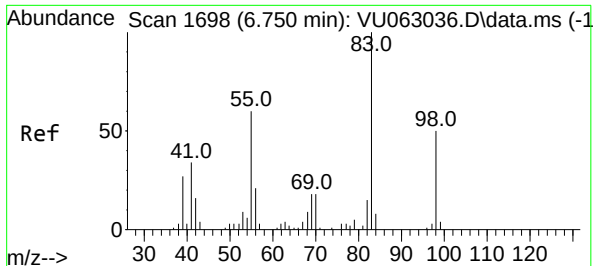
Tgt Ion: 76 Resp: 4562
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#33
Benzene
Concen: 0.241 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VU063073.D
Acq: 28 Jan 2025 17:43

Tgt Ion: 78 Resp: 5958





#35

Methylcyclohexane

Concen: 0.952 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU063073.D

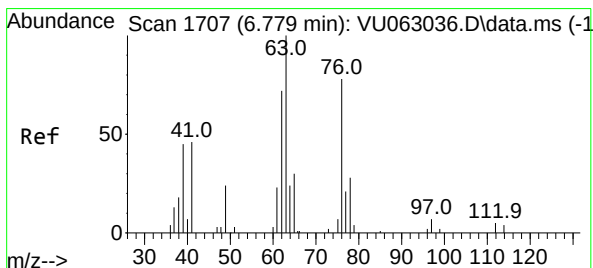
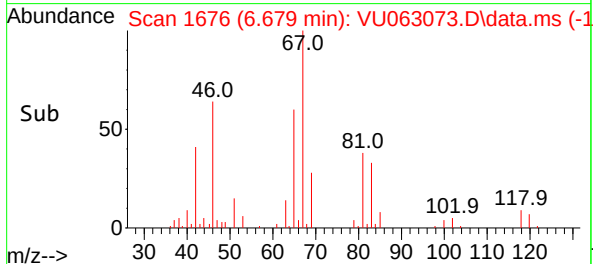
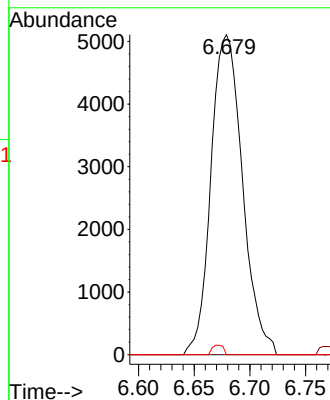
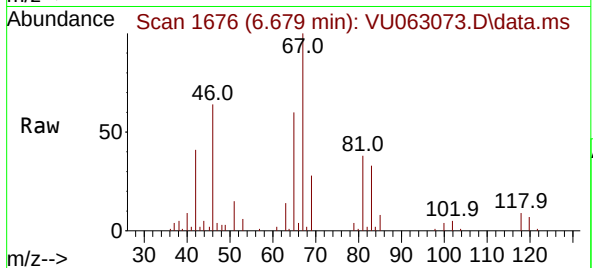
Acq: 28 Jan 2025 17:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 10059
Ion Ratio	Lower Upper
83 100	
55 2.4	57.2 85.8#
98 1.0	36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.809 ug/L

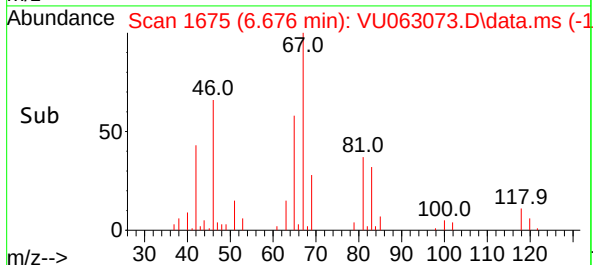
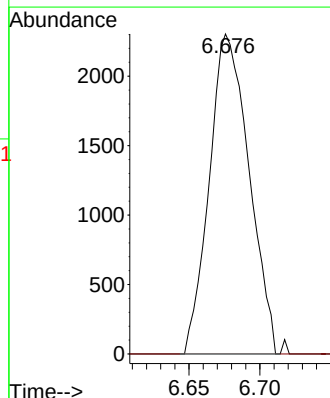
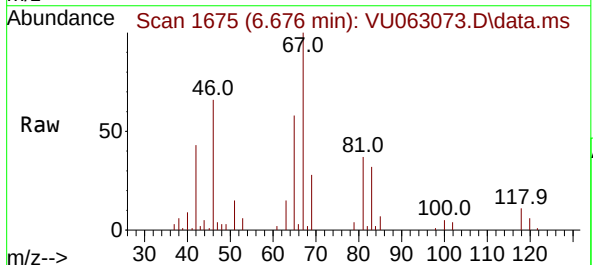
RT: 6.676 min Scan# 1675

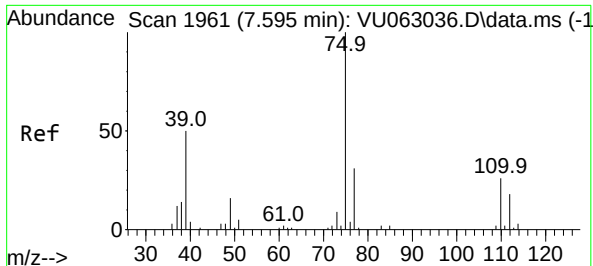
Delta R.T. -0.103 min

Lab File: VU063073.D

Acq: 28 Jan 2025 17:43

Tgt Ion: 63	Resp: 4491
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 7.550 min Scan# 1961

Delta R.T. -0.045 min

Lab File: VU063073.D

Acq: 28 Jan 2025 17:43

Instrument :

MSVOA_U

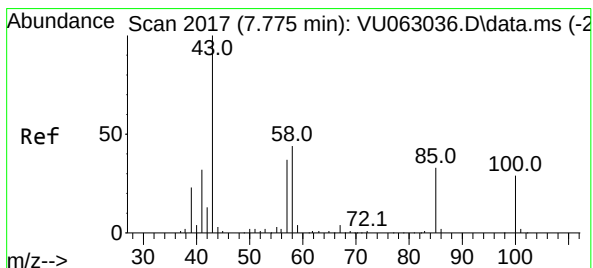
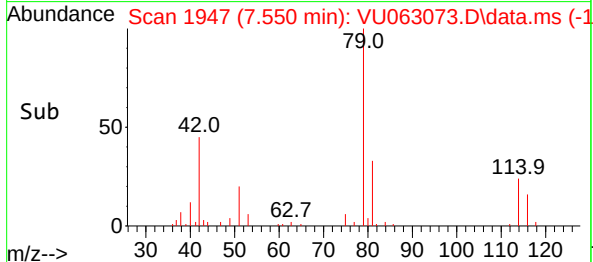
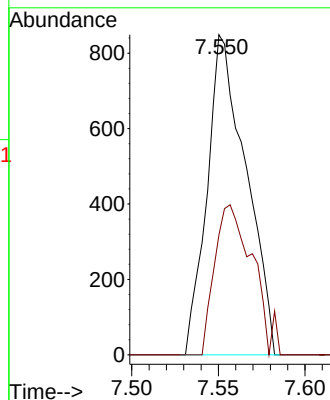
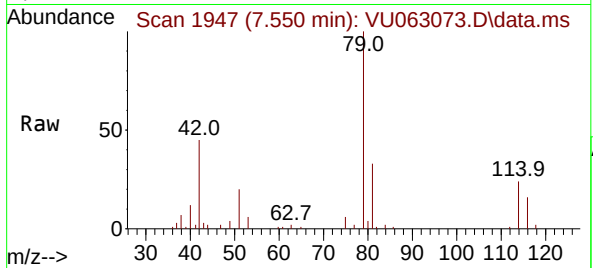
ClientSampleId :

Tgt Ion: 75 Resp: 1322

Ion Ratio Lower Upper

75 100

77 37.5 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 1.229 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.013 min

Lab File: VU063073.D

Acq: 28 Jan 2025 17:43

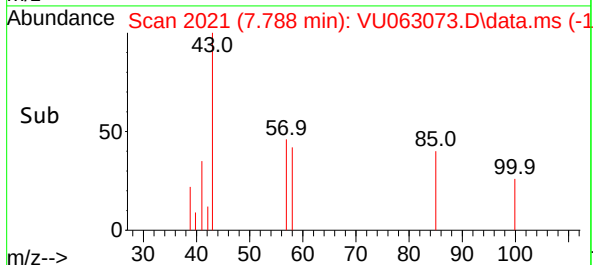
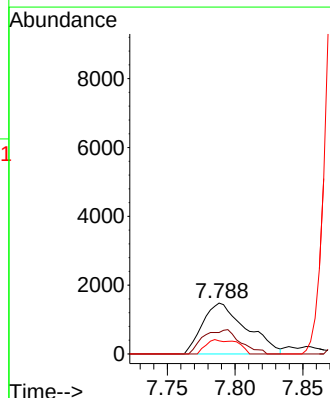
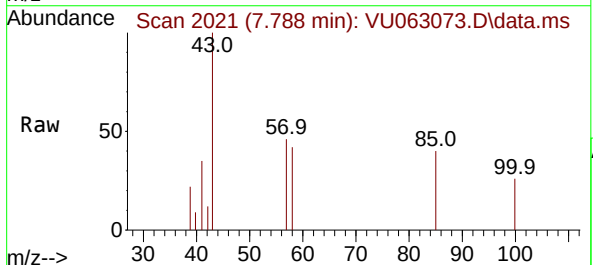
Tgt Ion: 43 Resp: 3291

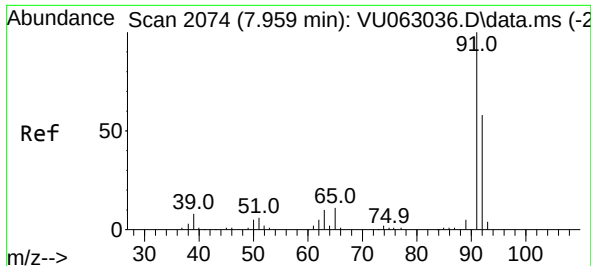
Ion Ratio Lower Upper

43 100

58 40.4 35.8 53.8

100 0.0 16.8 25.2#





#42

Toluene

Concen: 1.120 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063073.D

Acq: 28 Jan 2025 17:43

Instrument :

MSVOA_U

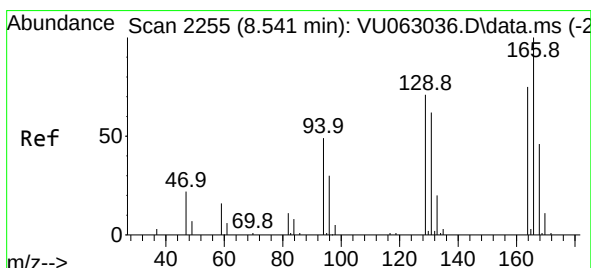
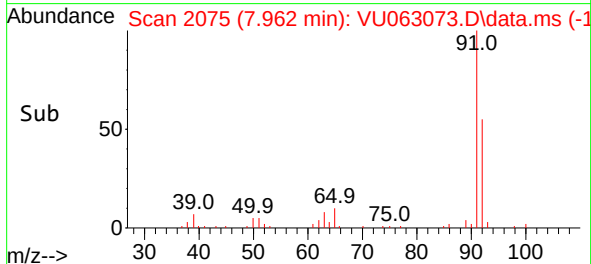
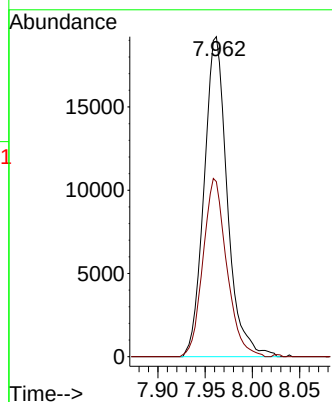
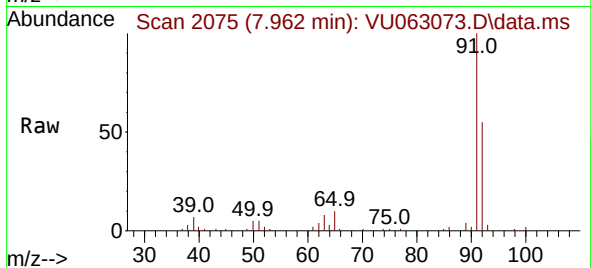
ClientSampleId :

Tgt Ion: 91 Resp: 32862

Ion Ratio Lower Upper

91 100

92 54.7 40.4 75.0



#47

Tetrachloroethene

Concen: 7.299 ug/L

RT: 8.541 min Scan# 2255

Delta R.T. -0.003 min

Lab File: VU063073.D

Acq: 28 Jan 2025 17:43

Tgt Ion: 164 Resp: 53245

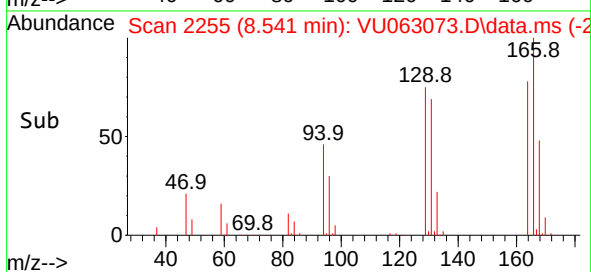
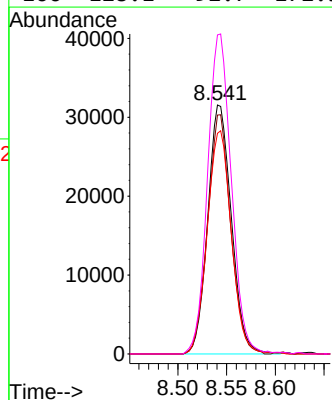
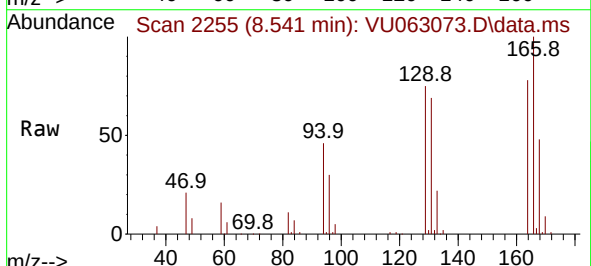
Ion Ratio Lower Upper

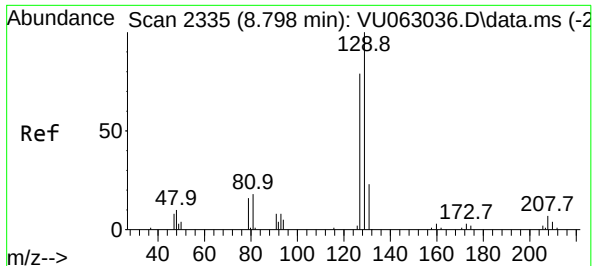
164 100

129 95.9 71.0 131.9

131 88.6 69.4 129.0

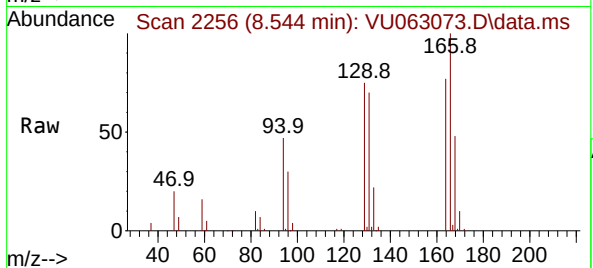
166 128.1 92.7 172.3



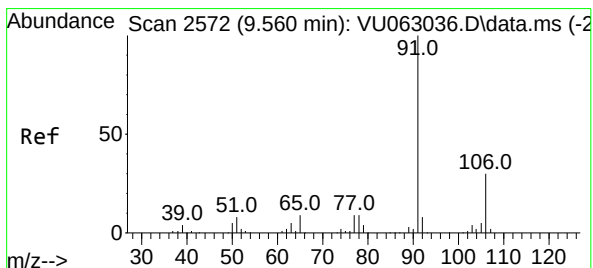
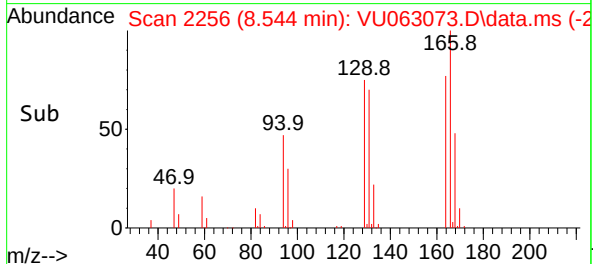
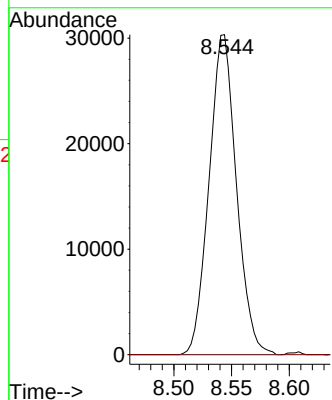


#49
Dibromochloromethane
Concen: 6.140 ug/L
RT: 8.544 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU063073.D
Acq: 28 Jan 2025 17:43

Instrument :
MSVOA_U
ClientSampleId :

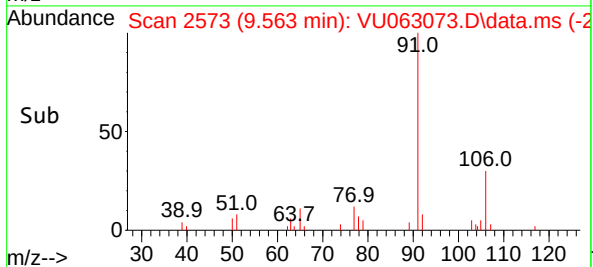
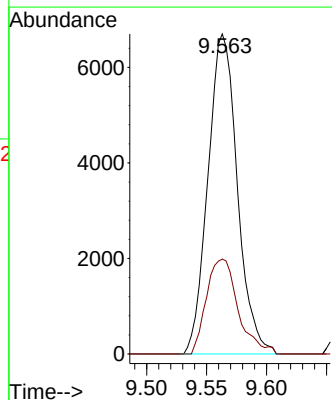
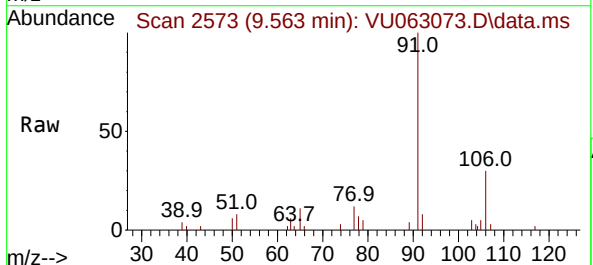


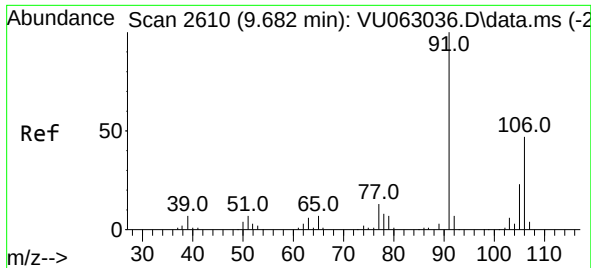
Tgt Ion:129 Resp: 50060
Ion Ratio Lower Upper
129 100
127 0.0 52.1 96.9#



#52
Ethylbenzene
Concen: 0.334 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU063073.D
Acq: 28 Jan 2025 17:43

Tgt Ion: 91 Resp: 11420
Ion Ratio Lower Upper
91 100
106 29.6 21.9 40.7

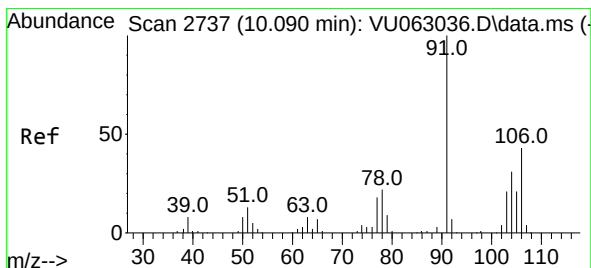
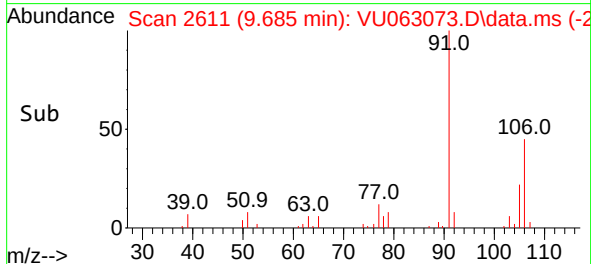
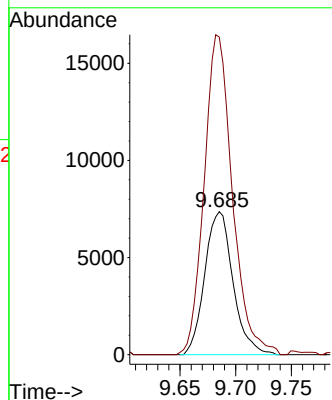
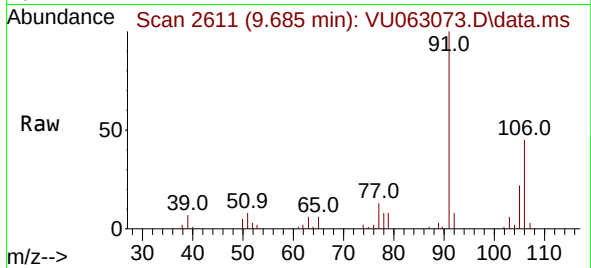




#53
m,p-Xylene
Concen: 0.984 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063073.D
Acq: 28 Jan 2025 17:43

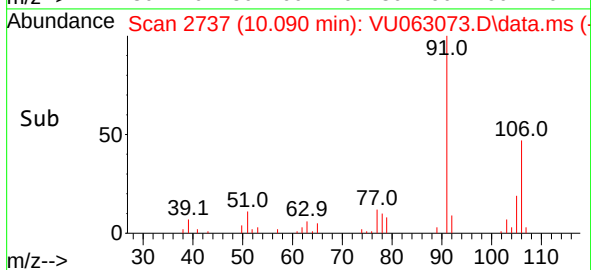
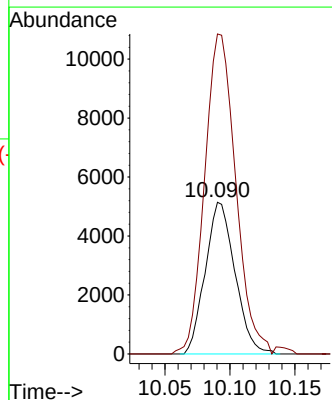
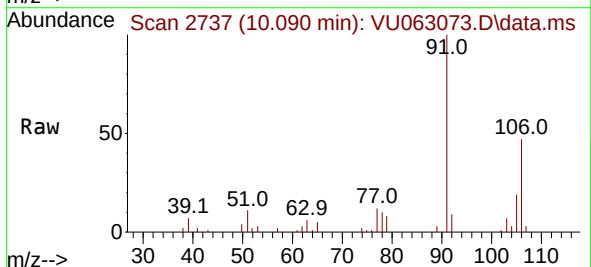
Instrument :
MSVOA_U
ClientSampleId :

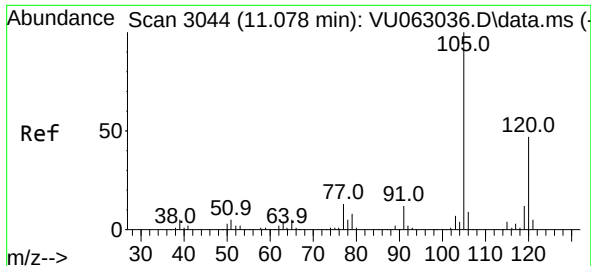
Tgt Ion:106 Resp: 12986
Ion Ratio Lower Upper
106 100
91 222.0 153.1 284.3



#54
o-Xylene
Concen: 0.676 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063073.D
Acq: 28 Jan 2025 17:43

Tgt Ion:106 Resp: 8178
Ion Ratio Lower Upper
106 100
91 211.1 160.4 297.8





#62

1,3,5-Trimethylbenzene

Concen: 0.109 ug/L

RT: 11.084 min Scan# 3044

Delta R.T. 0.007 min

Lab File: VU063073.D

Acq: 28 Jan 2025 17:43

Instrument :

MSVOA_U

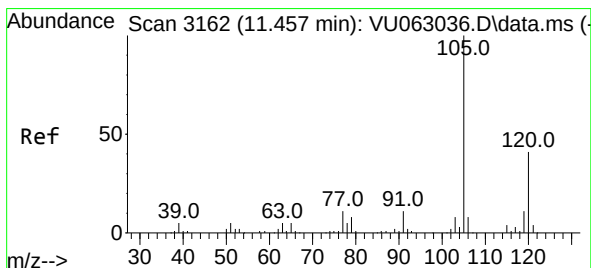
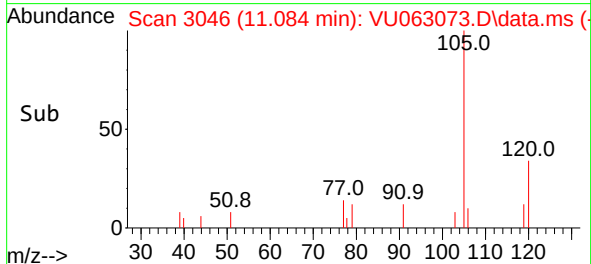
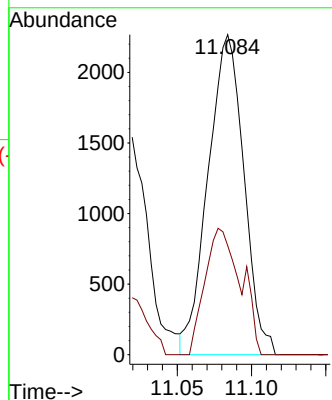
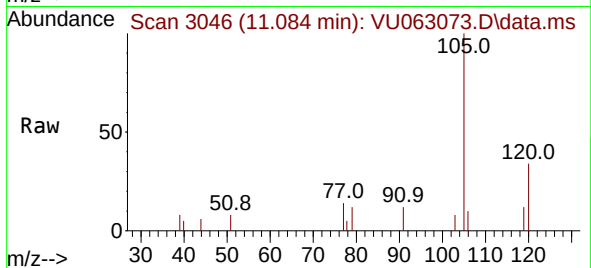
ClientSampleId :

Tgt Ion:105 Resp: 3802

Ion Ratio Lower Upper

105 100

120 39.5 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 0.313 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU063073.D

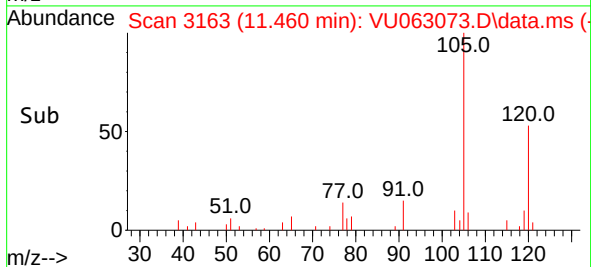
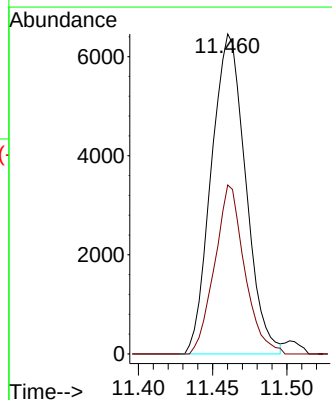
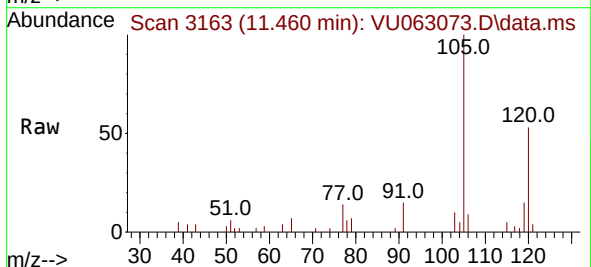
Acq: 28 Jan 2025 17:43

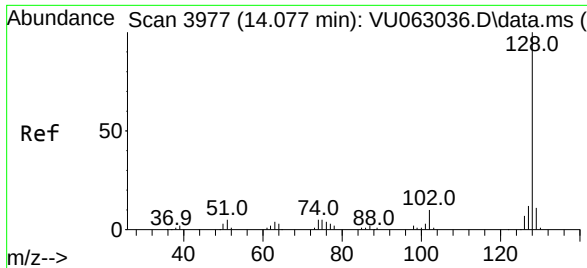
Tgt Ion:105 Resp: 10378

Ion Ratio Lower Upper

105 100

120 46.1 34.2 51.2





#71

Naphthalene

Concen: 6.655 ug/L

RT: 14.077 min Scan# 3977

Delta R.T. -0.003 min

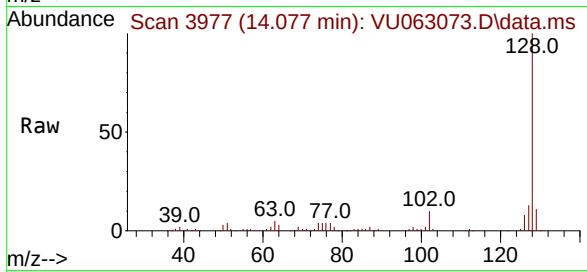
Lab File: VU063073.D

Acq: 28 Jan 2025 17:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 108278

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

127 13.3 10.2 15.2

