

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061757.D
 Acq On : 16 Nov 2024 21:18
 Operator : MD/SY
 Sample : P4761-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 04:18:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 04:15:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162399	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	156029	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	72505	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	39254	3.741	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.908	69	33929	3.788	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.560	65	17933	3.809	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.647	46	98073	44.036	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.080%
24) Chloroform-d	5.052	84	89589	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.695	65	46634	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.718	84	183179	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.682	67	56149	4.410	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.891	98	163388	4.061	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.178	79	17837	3.804	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.631	63	84839	45.783	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.560%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	46748	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	62045	4.805	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
13) Acetone	2.679	43	10470	7.462	ug/L	94
15) Methyl Acetate	2.966	43	1288	0.367	ug/L #	47
16) Methylene chloride	3.039	84	1887	0.167	ug/L	94
17) Methyl tert-butyl Ether	3.355	73	3358	0.140	ug/L #	1
25) Chloroform	5.075	83	4659	0.225	ug/L	99
30) Cyclohexane	5.377	56	4305	0.243	ug/L	98
33) Benzene	5.769	78	12120	0.257	ug/L	100
35) Methylcyclohexane	6.753	83	8230	0.428	ug/L	91
37) 1,2-Dichloropropane	6.682	63	6401	0.534	ug/L #	90
42) Toluene	7.965	91	13782	0.271	ug/L	90
45) 1,1,2-Trichloroethane	8.358	97	3076	0.352	ug/L #	24
51) Chlorobenzene	9.441	112	216597	6.618	ug/L	99
53) m,p-Xylene	9.689	106	7775	0.375	ug/L	97
54) o-Xylene	10.097	106	3189	0.158	ug/L	90
60) Isopropylbenzene	10.480	105	8091	0.161	ug/L #	84
63) 1,2,4-Trimethylbenzene	11.464	105	5413	0.138	ug/L	100
71) Naphthalene	14.091	128	5903	0.330	ug/L #	93

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Quant Time: Nov 18 04:18:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 18 04:15:29 2024
Response via : Initial Calibration

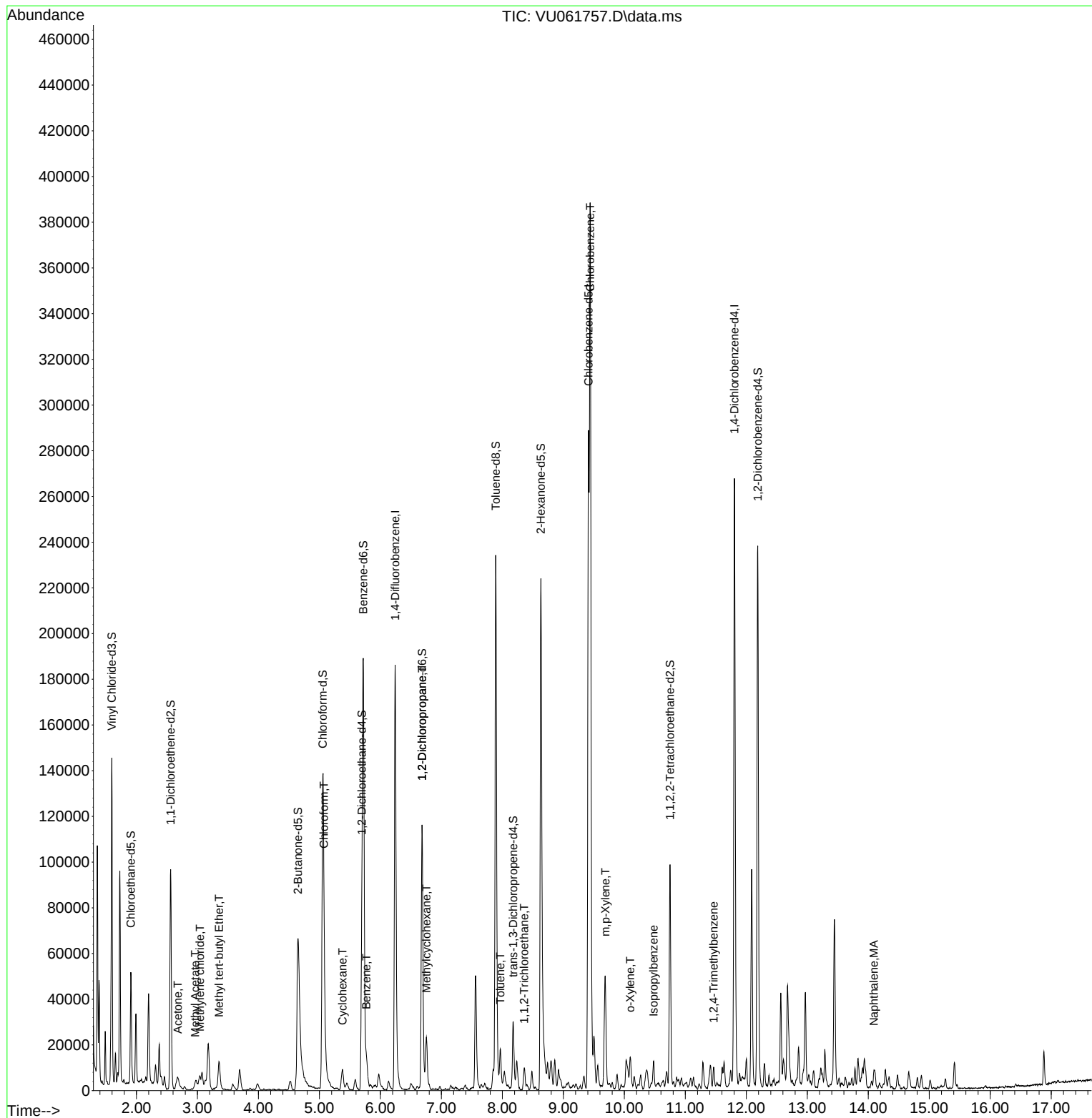
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

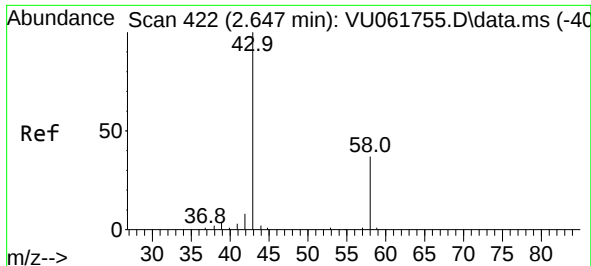
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#13

Acetone

Concen: 7.462 ug/L

RT: 2.679 min Scan# 41

Delta R.T. 0.032 min

Lab File: VU061757.D

Acq: 16 Nov 2024 21:18

Instrument :

MSVOA_U

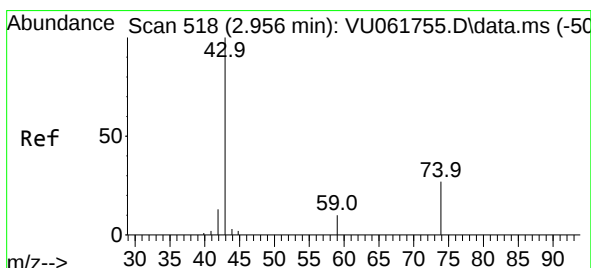
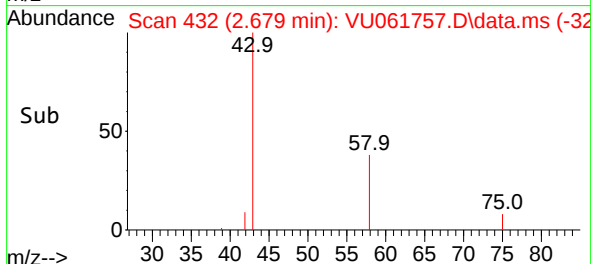
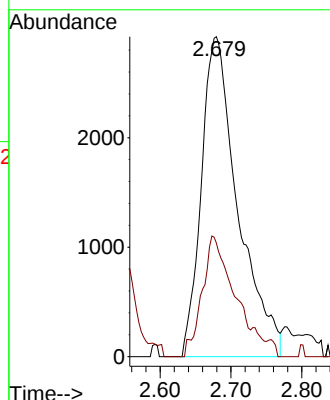
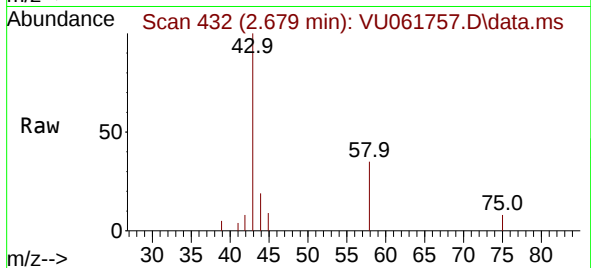
ClientSampleId :

Tgt Ion: 43 Resp: 10470

Ion Ratio Lower Upper

43 100

58 31.5 0.0 69.8



#15

Methyl Acetate

Concen: 0.367 ug/L

RT: 2.966 min Scan# 521

Delta R.T. 0.010 min

Lab File: VU061757.D

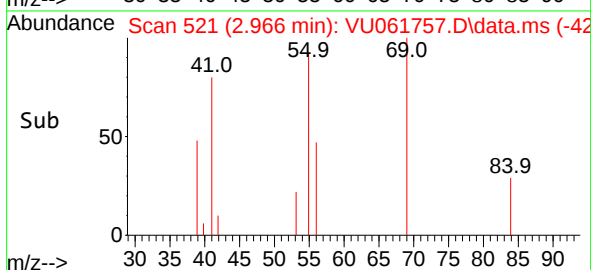
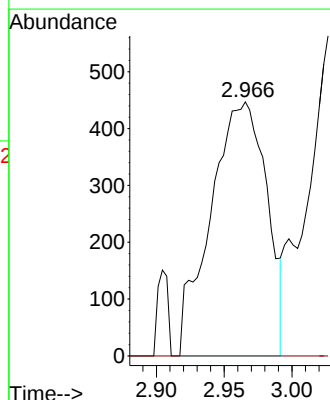
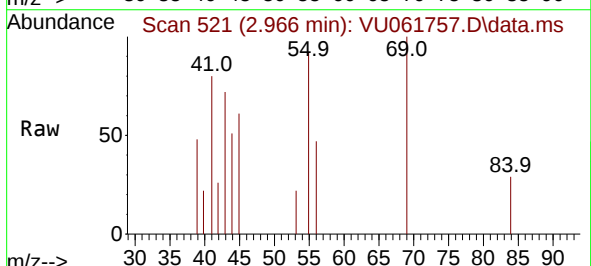
Acq: 16 Nov 2024 21:18

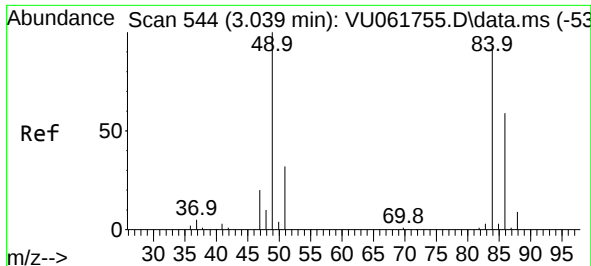
Tgt Ion: 43 Resp: 1288

Ion Ratio Lower Upper

43 100

74 0.0 22.5 33.7#

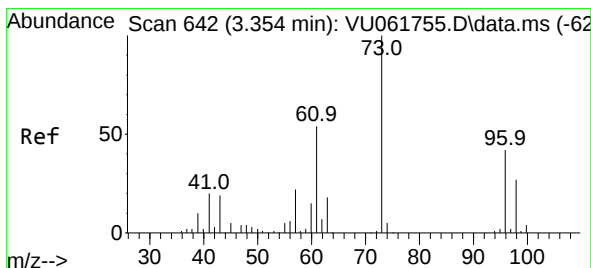
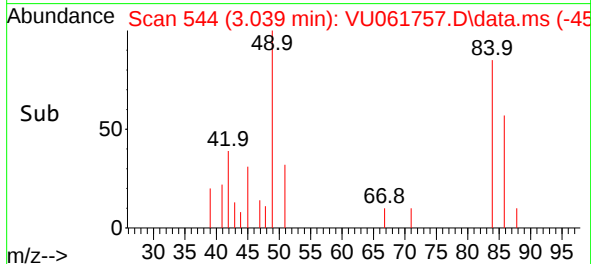
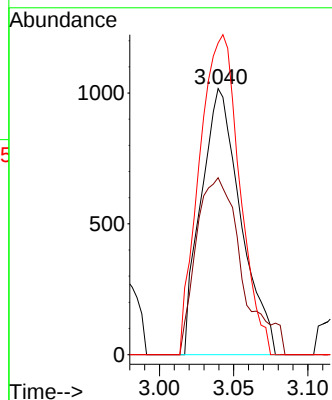
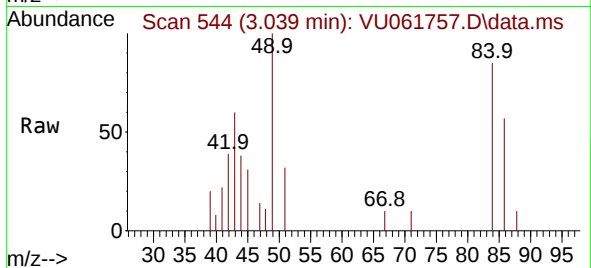




#16
Methylene chloride
Concen: 0.167 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061757.D
Acq: 16 Nov 2024 21:18

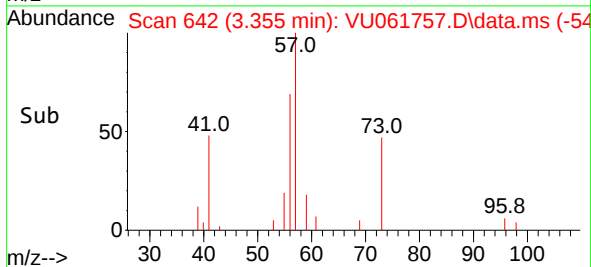
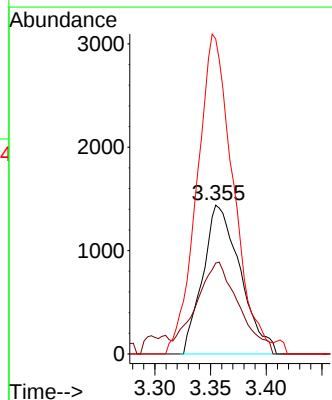
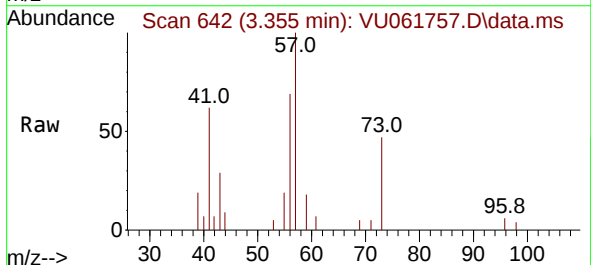
Instrument :
MSVOA_U
ClientSampleId :

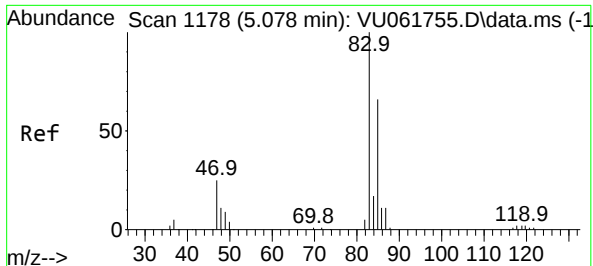
Tgt Ion: 84 Resp: 1887
Ion Ratio Lower Upper
84 100
86 66.5 45.1 83.7
49 117.1 76.3 141.7



#17
Methyl tert-butyl Ether
Concen: 0.140 ug/L
RT: 3.355 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061757.D
Acq: 16 Nov 2024 21:18

Tgt Ion: 73 Resp: 3358
Ion Ratio Lower Upper
73 100
43 70.5 14.2 21.4#
57 208.6 16.9 25.3#





#25

Chloroform

Concen: 0.225 ug/L

RT: 5.075 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU061757.D

Acq: 16 Nov 2024 21:18

Instrument :

MSVOA_U

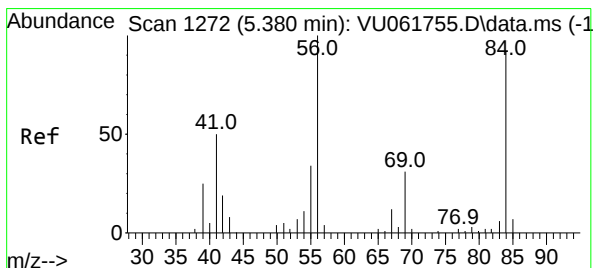
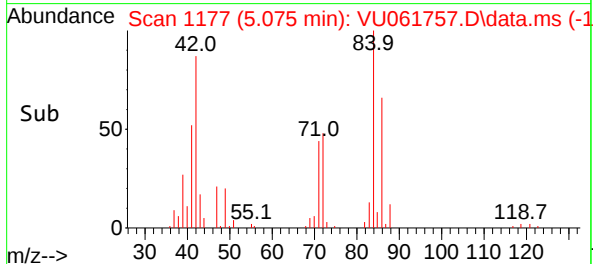
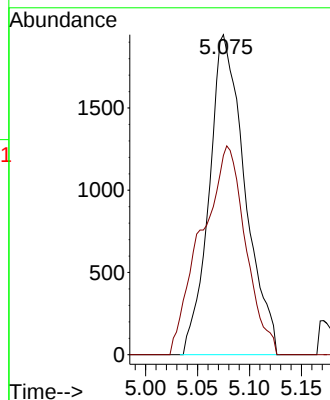
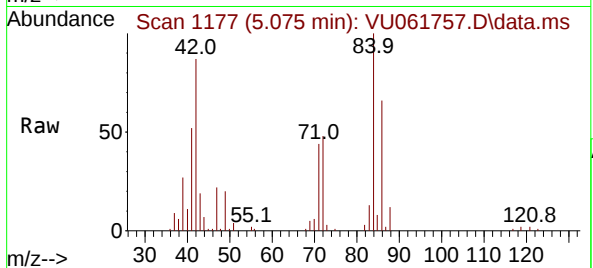
ClientSampleId :

Tgt Ion: 83 Resp: 4659

Ion Ratio Lower Upper

83 100

85 62.3 44.1 81.9



#30

Cyclohexane

Concen: 0.243 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU061757.D

Acq: 16 Nov 2024 21:18

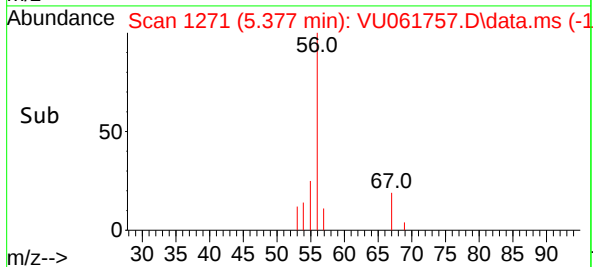
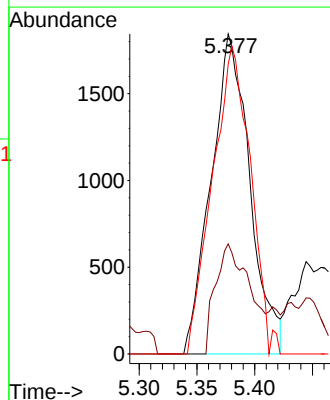
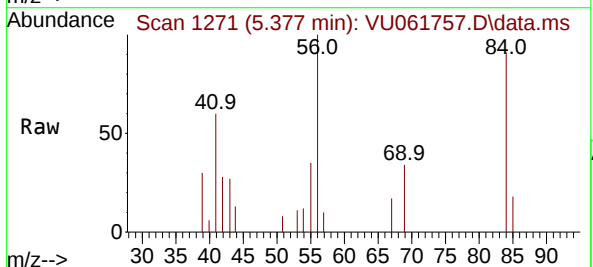
Tgt Ion: 56 Resp: 4305

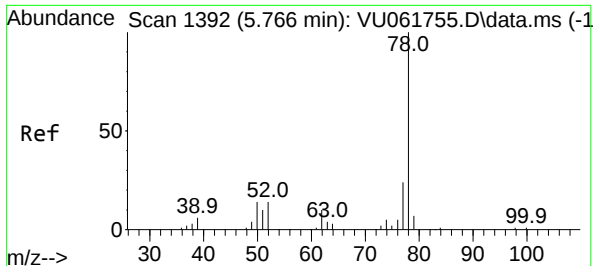
Ion Ratio Lower Upper

56 100

69 30.5 25.6 38.4

84 94.4 74.3 111.5

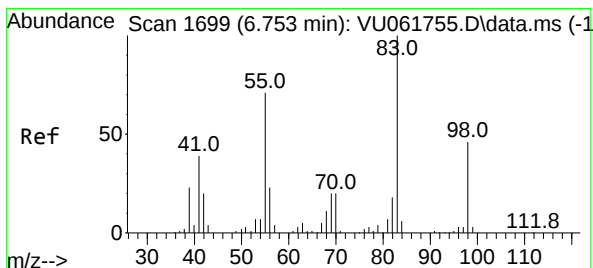
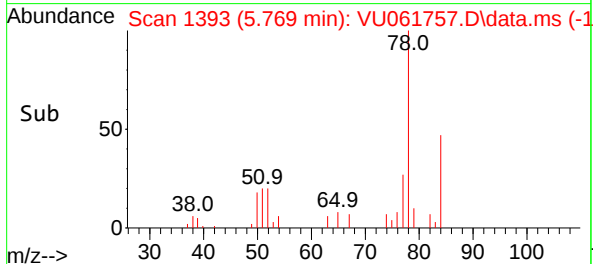
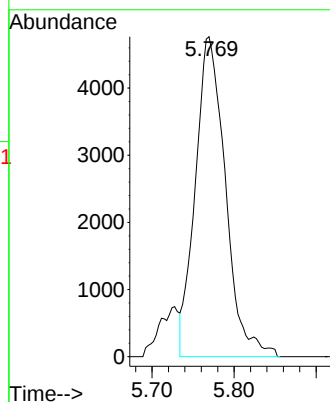
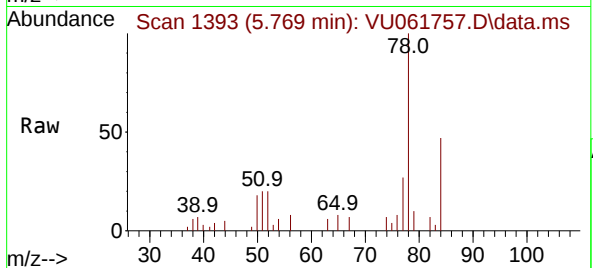




#33
Benzene
Concen: 0.257 ug/L
RT: 5.769 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU061757.D
Acq: 16 Nov 2024 21:18

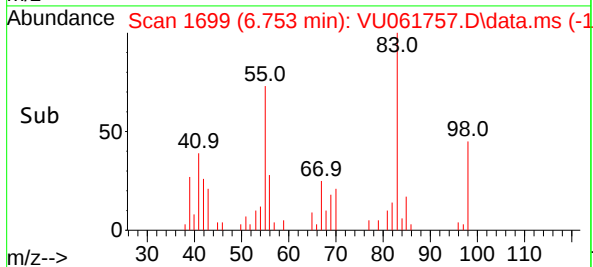
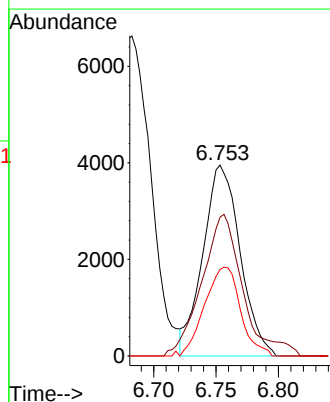
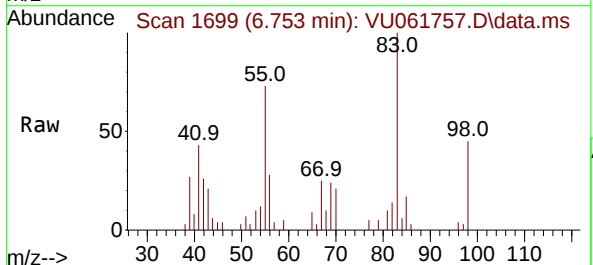
Instrument :
MSVOA_U
ClientSampleId :

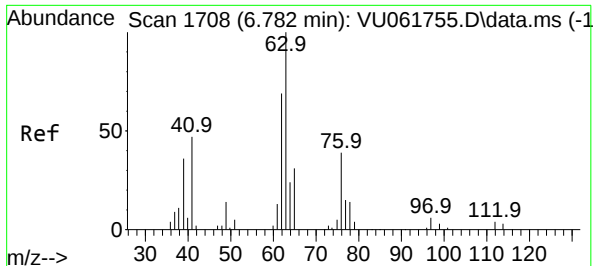
Tgt Ion: 78 Resp: 12120



#35
Methylcyclohexane
Concen: 0.428 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061757.D
Acq: 16 Nov 2024 21:18

Tgt Ion: 83 Resp: 8230
Ion Ratio Lower Upper
83 100
55 81.1 56.4 84.6
98 44.8 37.7 56.5





#37

1,2-Dichloropropane

Concen: 0.534 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU061757.D

Acq: 16 Nov 2024 21:18

Instrument :

MSVOA_U

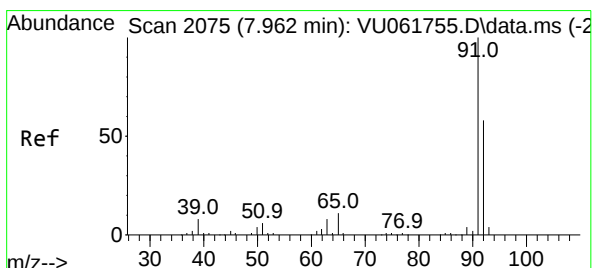
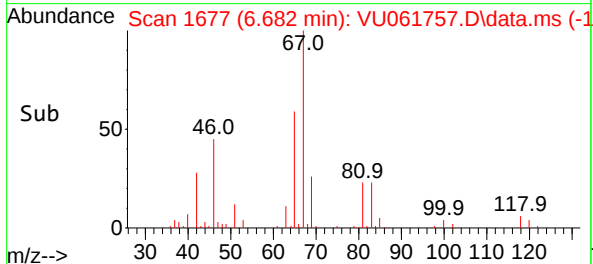
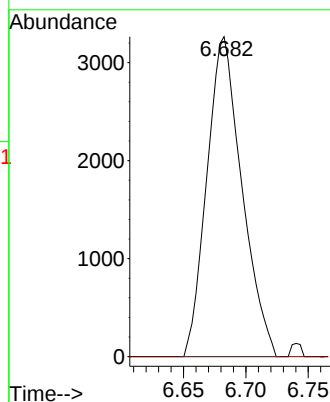
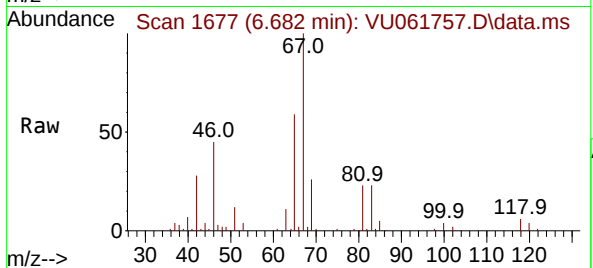
ClientSampleId :

Tgt Ion: 63 Resp: 6401

Ion Ratio Lower Upper

63 100

112 0.3 3.0 4.4#



#42

Toluene

Concen: 0.271 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.004 min

Lab File: VU061757.D

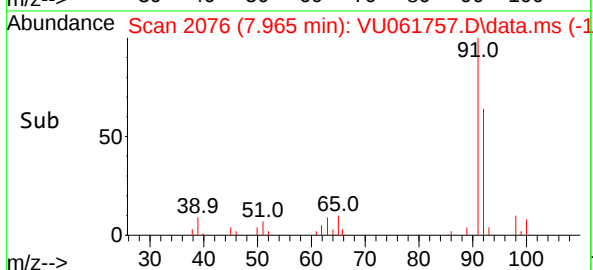
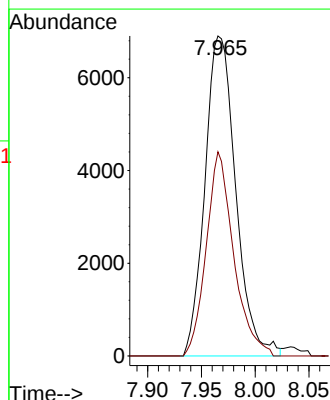
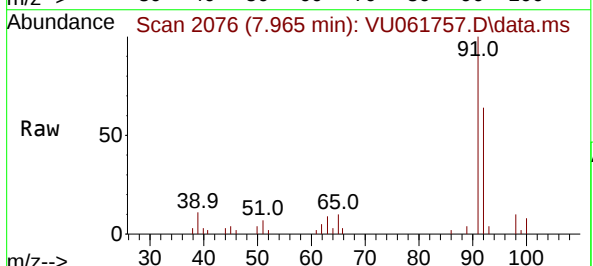
Acq: 16 Nov 2024 21:18

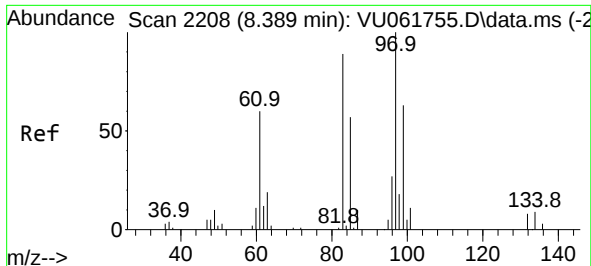
Tgt Ion: 91 Resp: 13782

Ion Ratio Lower Upper

91 100

92 63.8 39.7 73.7





#45

1,1,2-Trichloroethane

Concen: 0.352 ug/L

RT: 8.358 min Scan# 2198

Delta R.T. -0.032 min

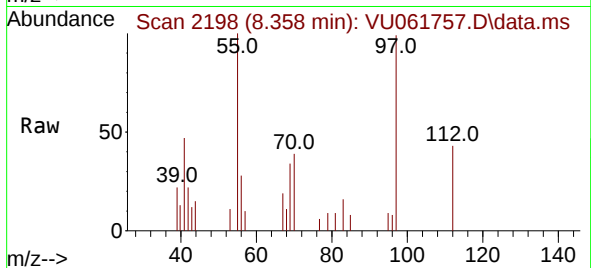
Lab File: VU061757.D

Acq: 16 Nov 2024 21:18

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 3076

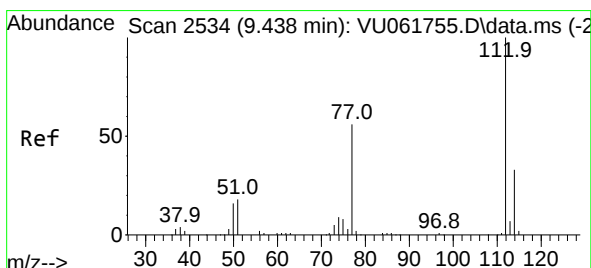
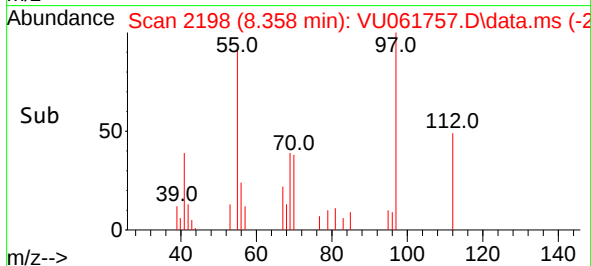
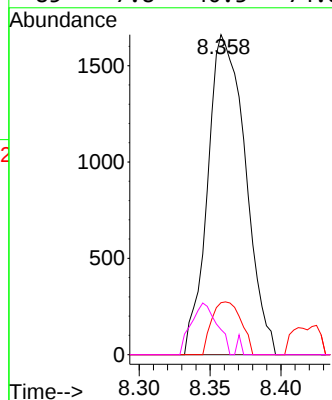
Ion Ratio Lower Upper

97 100

99 0.0 43.8 81.3#

83 16.3 63.2 117.4#

85 7.8 40.3 74.8#



#51

Chlorobenzene

Concen: 6.618 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.004 min

Lab File: VU061757.D

Acq: 16 Nov 2024 21:18

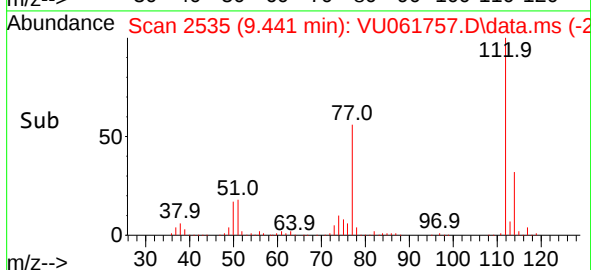
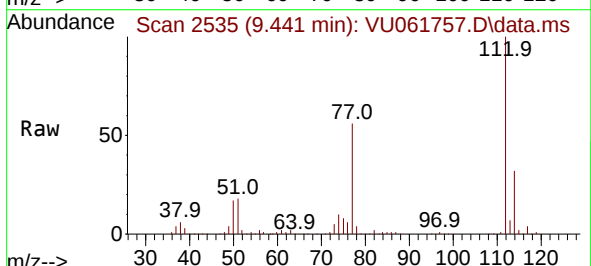
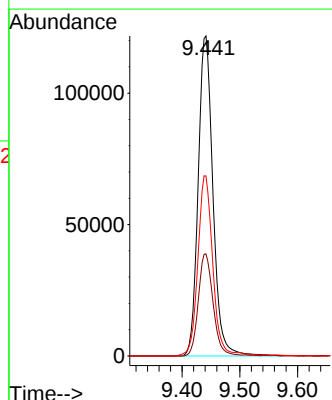
Tgt Ion: 112 Resp: 216597

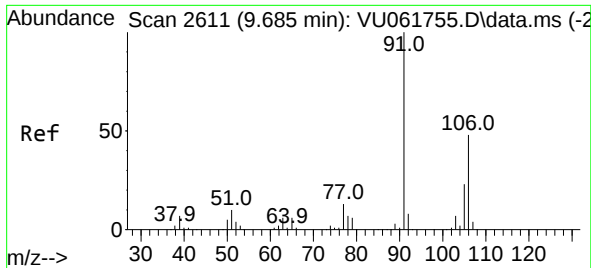
Ion Ratio Lower Upper

112 100

114 31.9 22.5 41.9

77 56.2 45.3 67.9

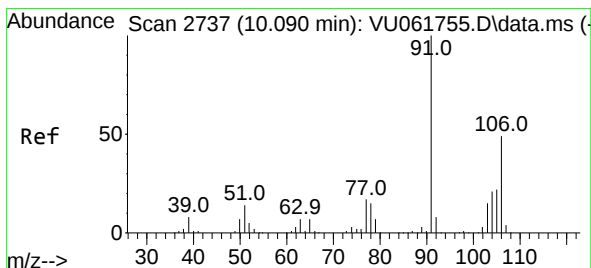
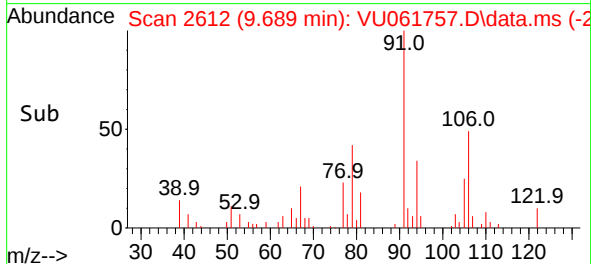
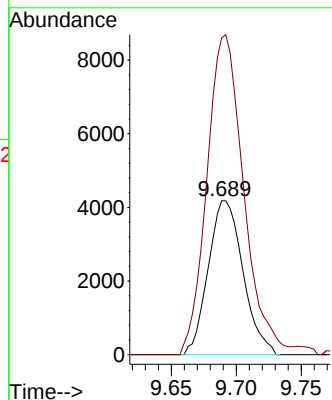
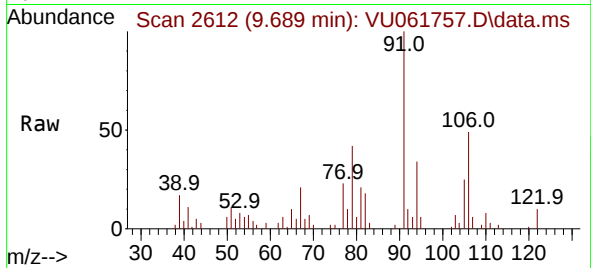




#53
m,p-Xylene
Concen: 0.375 ug/L
RT: 9.689 min Scan# 2611
Delta R.T. 0.004 min
Lab File: VU061757.D
Acq: 16 Nov 2024 21:18

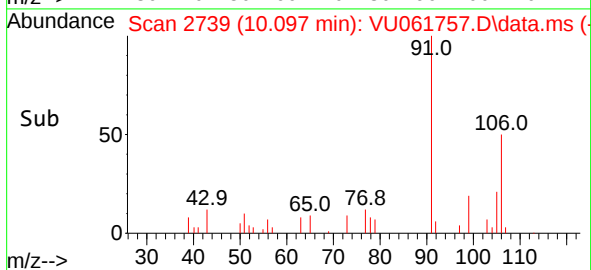
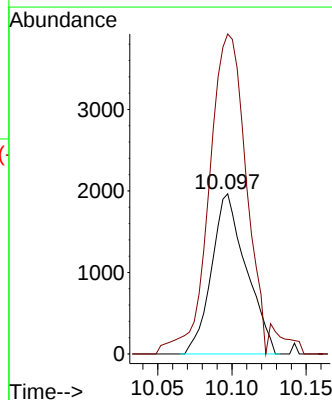
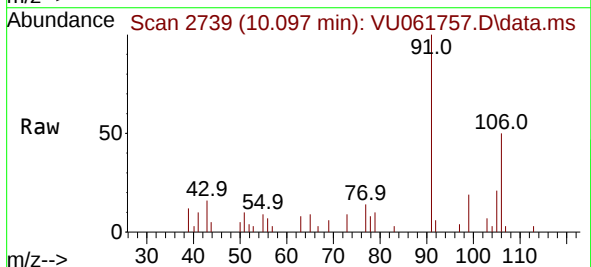
Instrument :
MSVOA_U
ClientSampleId :

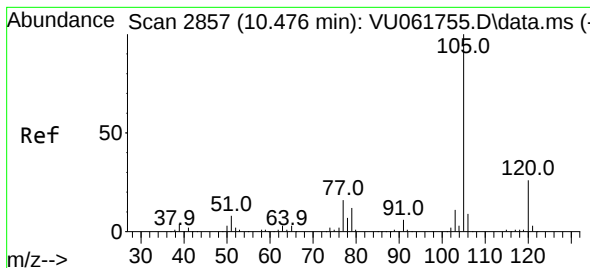
Tgt Ion:106 Resp: 7775
Ion Ratio Lower Upper
106 100
91 205.8 140.4 260.8



#54
o-Xylene
Concen: 0.158 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.007 min
Lab File: VU061757.D
Acq: 16 Nov 2024 21:18

Tgt Ion:106 Resp: 3189
Ion Ratio Lower Upper
106 100
91 199.9 151.3 280.9





#60

Isopropylbenzene

Concen: 0.161 ug/L

RT: 10.480 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU061757.D

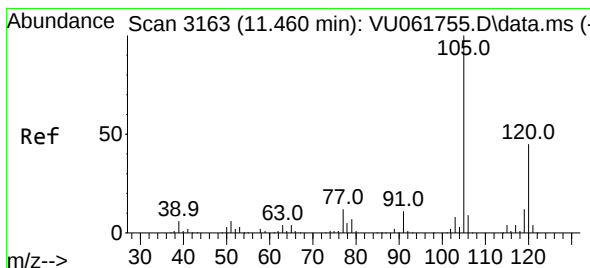
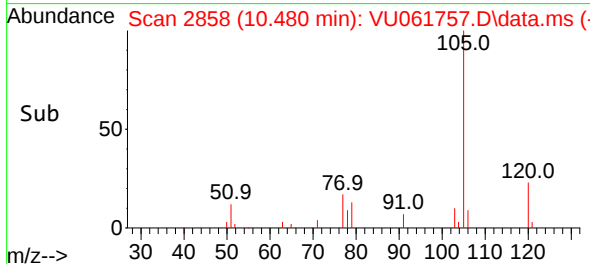
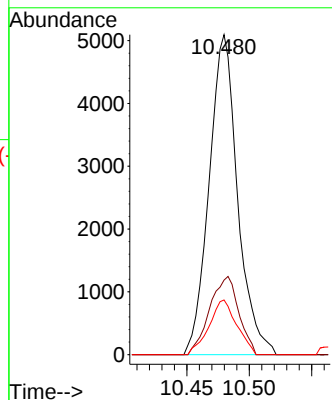
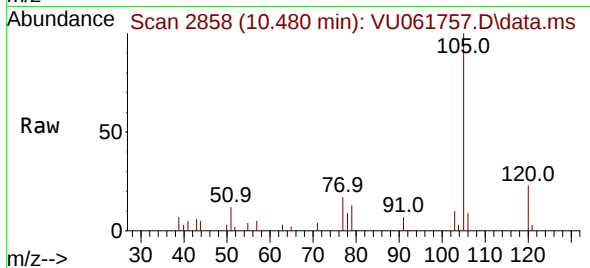
Acq: 16 Nov 2024 21:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	8091
Ion	Ratio	Lower Upper
105	100	
120	25.0	21.6 32.4
77	0.0	12.8 19.2#



#63

1,2,4-Trimethylbenzene

Concen: 0.138 ug/L

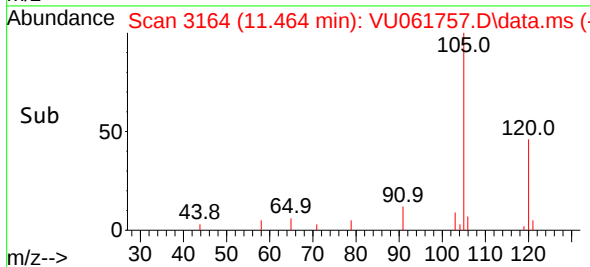
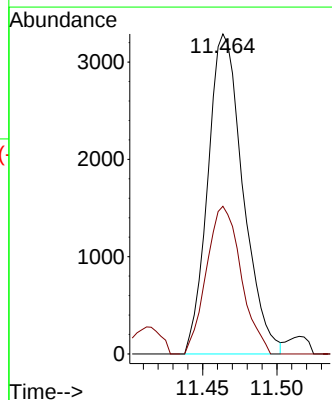
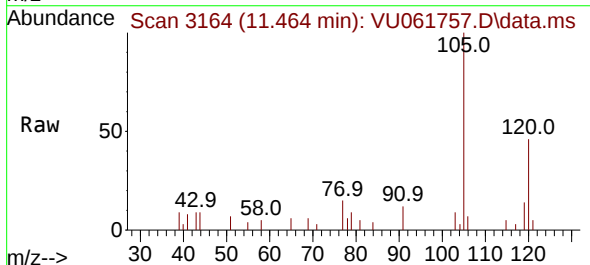
RT: 11.464 min Scan# 3164

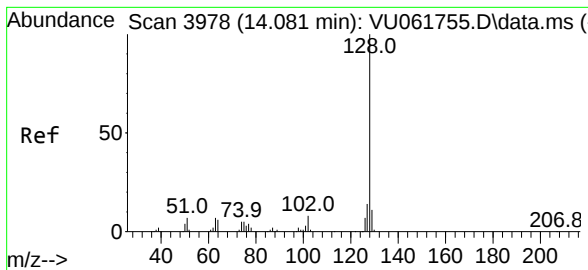
Delta R.T. 0.004 min

Lab File: VU061757.D

Acq: 16 Nov 2024 21:18

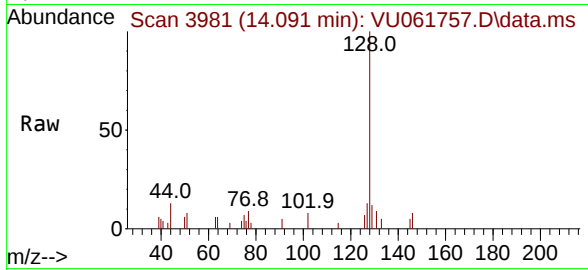
Tgt Ion:105	Resp:	5413
Ion	Ratio	Lower Upper
105	100	
120	45.5	36.3 54.5





#71
Naphthalene
Concen: 0.330 ug/L
RT: 14.091 min Scan# 3978
Delta R.T. 0.010 min
Lab File: VU061757.D
Acq: 16 Nov 2024 21:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	5903
Ion	Ratio	Lower	Upper
128	100		
129	13.4	8.5	12.7#
127	15.4	10.4	15.6

