

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047412.D
 Acq On : 09 Mar 2022 18:21
 Operator : SY/MD
 Sample : N1810-22DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 10 01:06:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:51:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	173217	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	162888	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42787	4.554	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.919	69	32012	4.642	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.572	65	19576	4.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.645	46	75959	45.414	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.820%
24) Chloroform-d	5.067	84	66251	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.707	65	35151	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.732	84	147039	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.694	67	43499	4.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.899	98	139640	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.182	79	17867	4.643	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.636	63	82663	48.761	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.520%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36049	4.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	55368	4.788	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	598	0.058	ug/L #	17
13) Acetone	2.604	43	12629	8.218	ug/L	48
15) Methyl Acetate	2.967	43	1130	0.278	ug/L #	50
30) Cyclohexane	5.395	56	18522	1.142	ug/L	97
33) Benzene	5.777	78	44207	1.005	ug/L	100
35) Methylcyclohexane	6.764	83	3293	0.178	ug/L #	78
37) 1,2-Dichloropropane	6.690	63	4451	0.406	ug/L #	88
42) Toluene	7.970	91	139214	2.913	ug/L	98
52) Ethylbenzene	9.571	91	228687	4.418	ug/L	98
53) m,p-Xylene	9.694	106	255957	12.607	ug/L	99
54) o-Xylene	10.102	106	56983	2.897	ug/L	95
55) Styrene	10.102	104	3429	0.103	ug/L #	1
60) Isopropylbenzene	11.292	105	44460	0.871	ug/L	92
62) 1,3,5-Trimethylbenzene	11.089	105	36047	1.077	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	154191	3.551	ug/L	100
71) Naphthalene	14.089	128	24269	0.686	ug/L	99

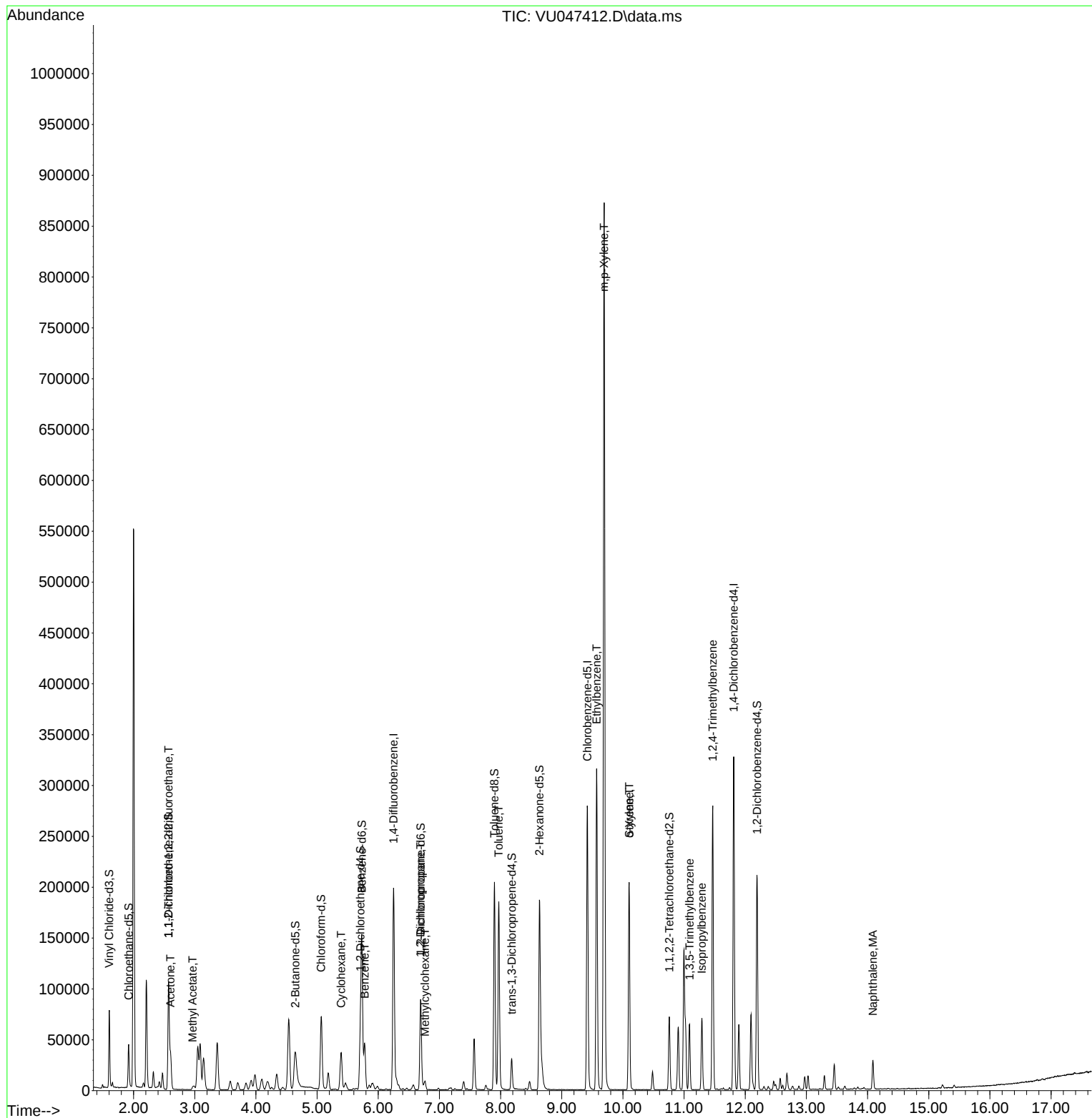
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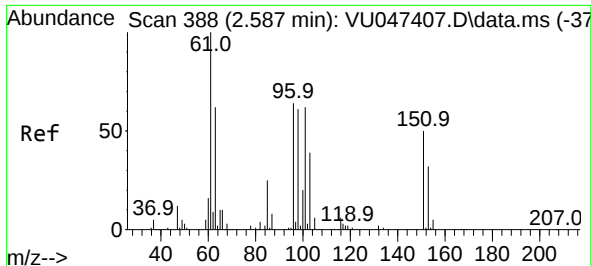
Instrument :
MSVOA_U
ClientSampleId :

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QLast Update : Thu Mar 10 00:51:00 2022
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.058 ug/L

RT: 2.572 min Scan# 388

Delta R.T. -0.016 min

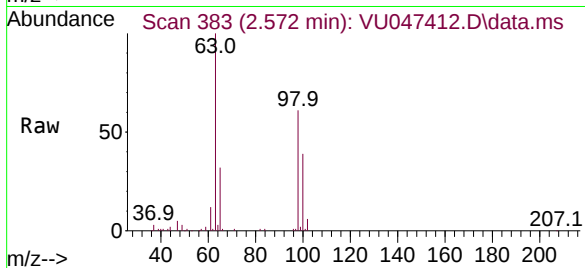
Lab File: VU047412.D

Acq: 09 Mar 2022 18:21

Instrument :

MSVOA_U

ClientSampleId :



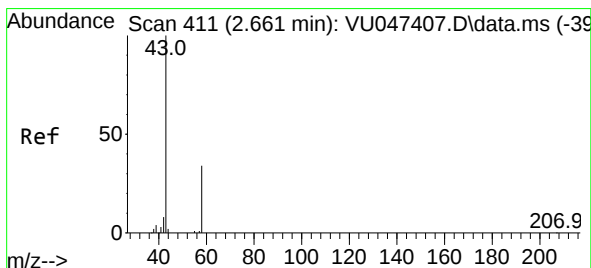
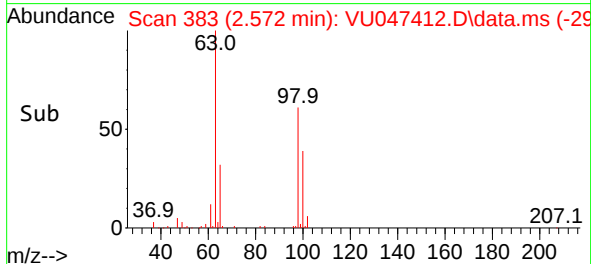
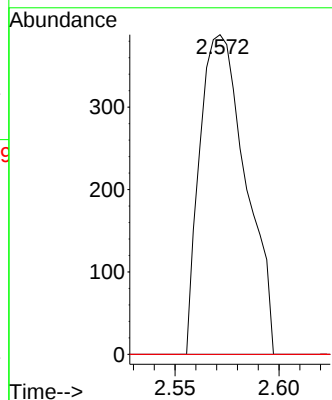
Tgt Ion:101 Resp: 598

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 64.8 97.2#



#13

Acetone

Concen: 8.218 ug/L

RT: 2.604 min Scan# 393

Delta R.T. -0.058 min

Lab File: VU047412.D

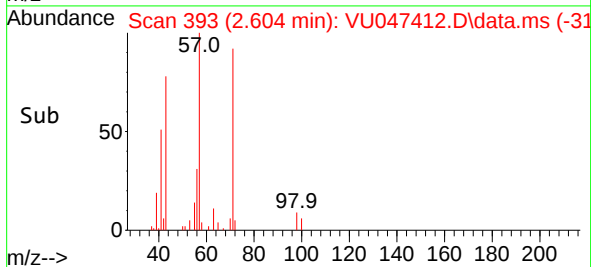
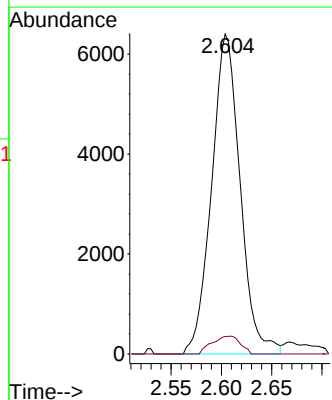
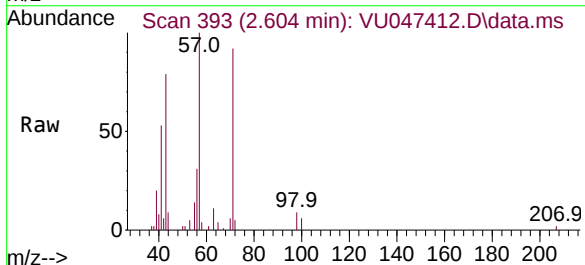
Acq: 09 Mar 2022 18:21

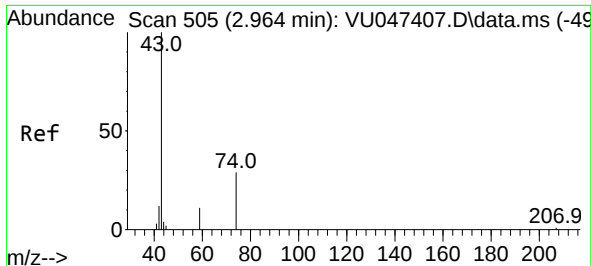
Tgt Ion: 43 Resp: 12629

Ion Ratio Lower Upper

43 100

58 5.5 0.0 72.6

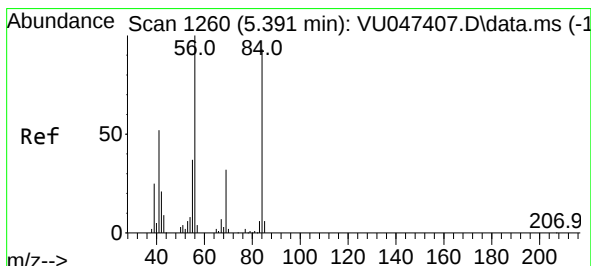
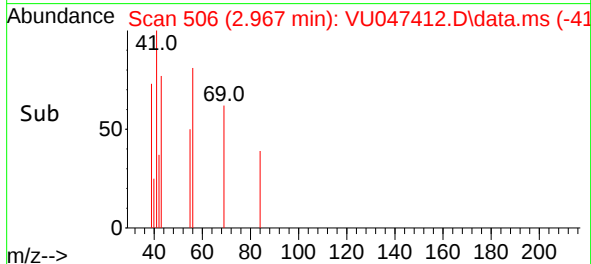
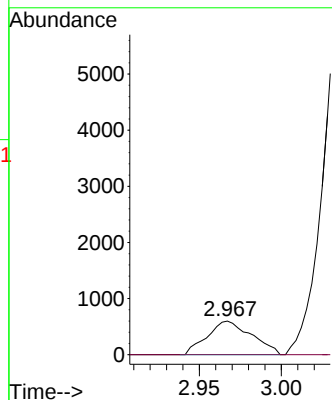
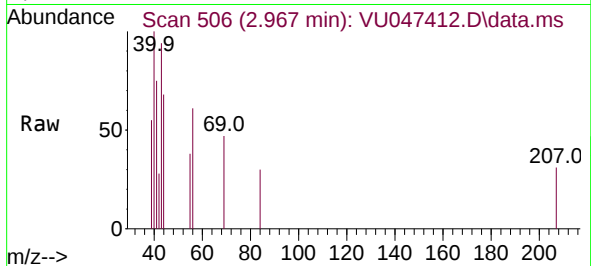




#15
Methyl Acetate
Concen: 0.278 ug/L
RT: 2.967 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

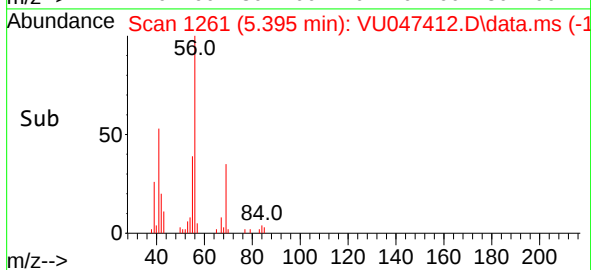
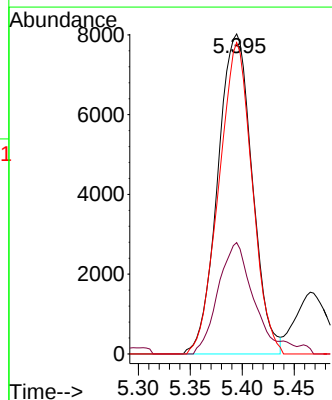
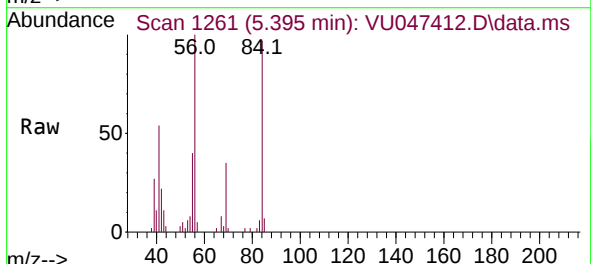
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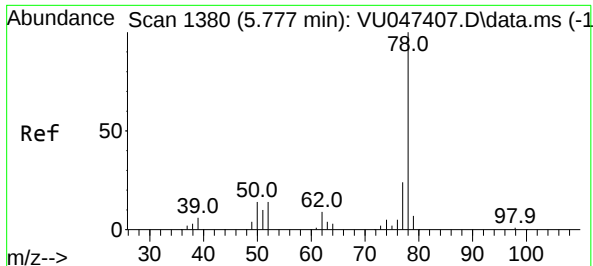
Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#30
Cyclohexane
Concen: 1.142 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

Tgt Ion: 56 Resp: 18522
Ion Ratio Lower Upper
56 100
69 36.5 26.0 39.0
84 93.7 76.3 114.5

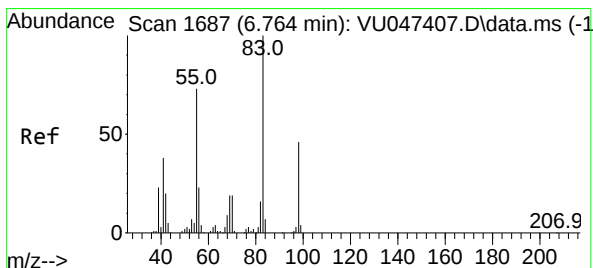
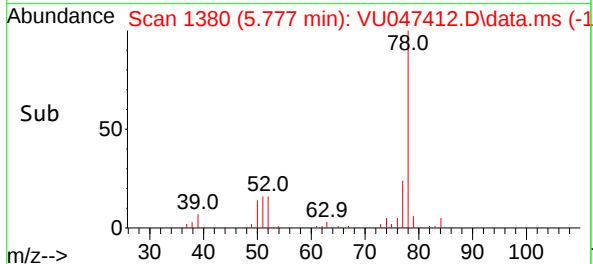
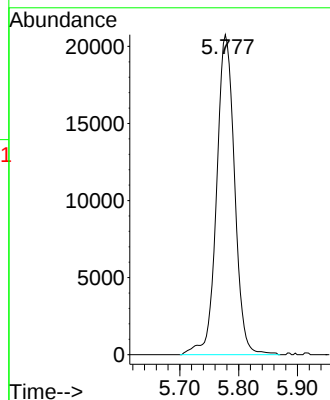
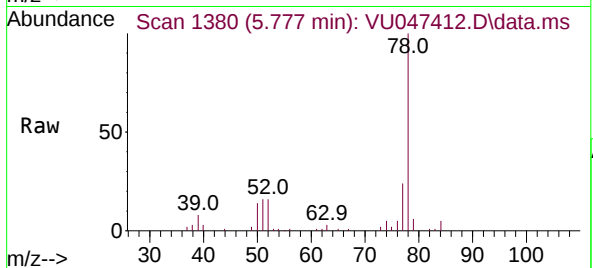




#33
Benzene
Concen: 1.005 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

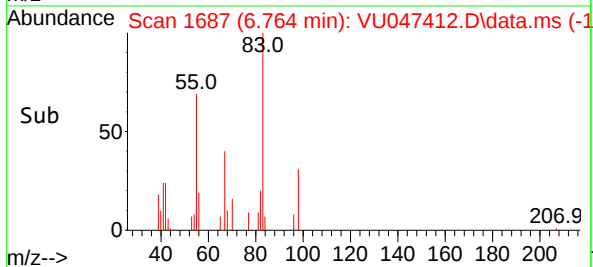
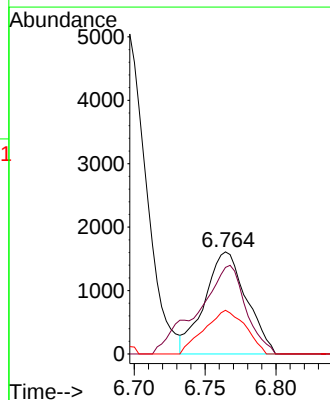
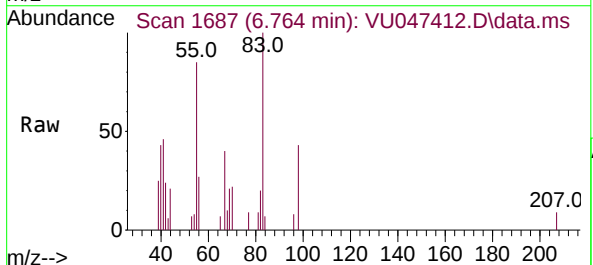
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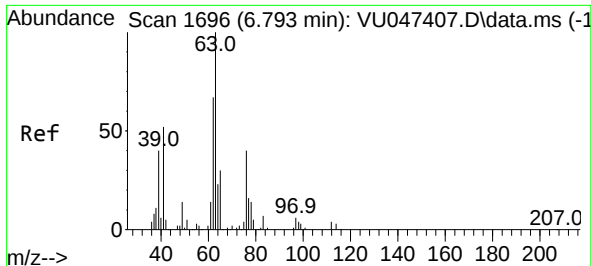
Tgt Ion: 78 Resp: 44207



#35
Methylcyclohexane
Concen: 0.178 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

Tgt Ion: 83 Resp: 3293
Ion Ratio Lower Upper
83 100
55 99.1 57.8 86.8#
98 42.4 38.0 57.0





#37

1,2-Dichloropropane

Concen: 0.406 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU047412.D

Acq: 09 Mar 2022 18:21

Instrument :

MSVOA_U

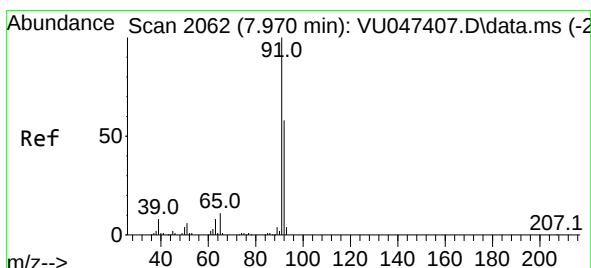
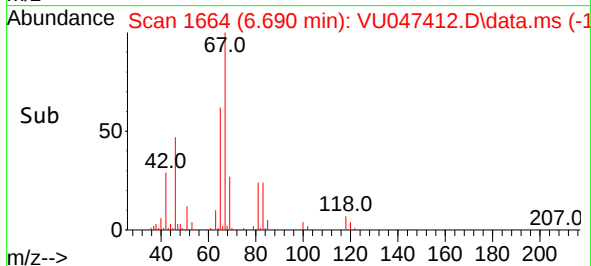
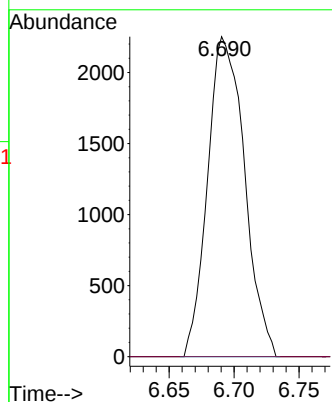
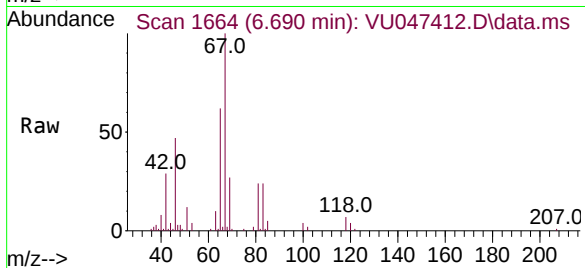
ClientSampleId :

Tgt Ion: 63 Resp: 4451

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#42

Toluene

Concen: 2.913 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047412.D

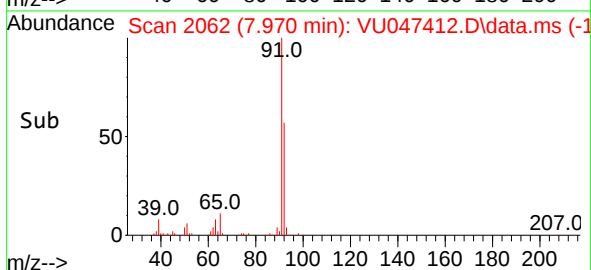
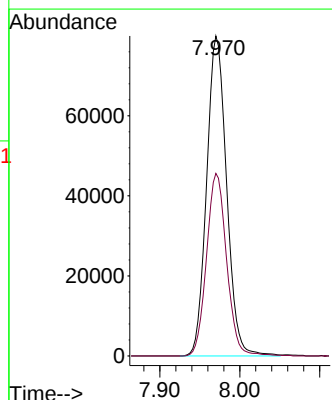
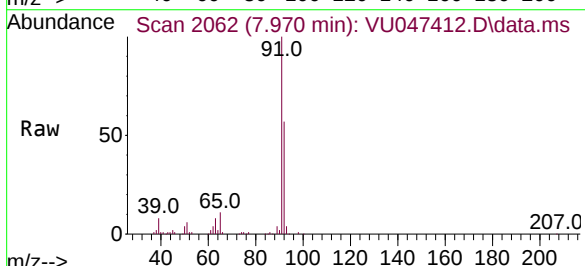
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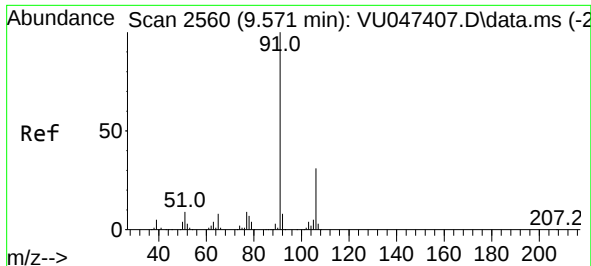
Tgt Ion: 91 Resp: 139214

Ion Ratio Lower Upper

91 100

92 57.1 40.8 75.8

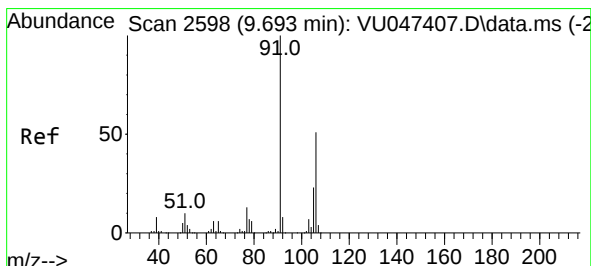
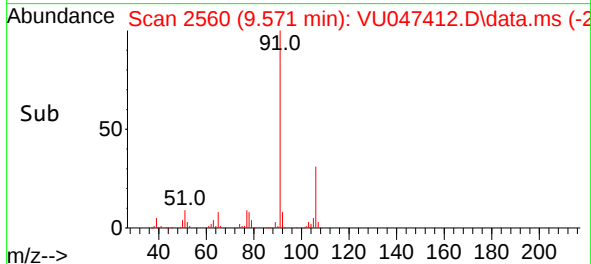
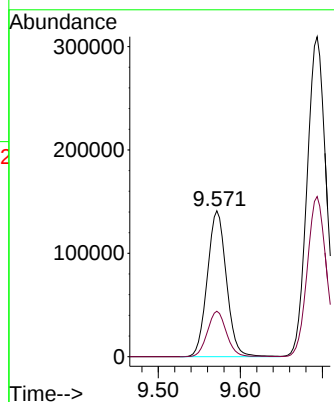
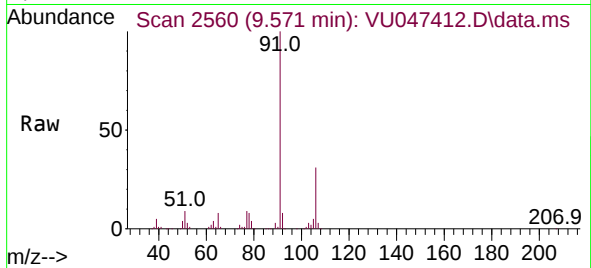




#52
Ethylbenzene
Concen: 4.418 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

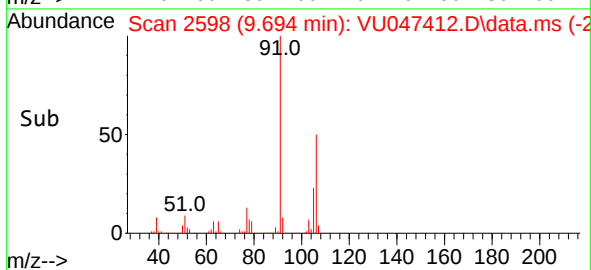
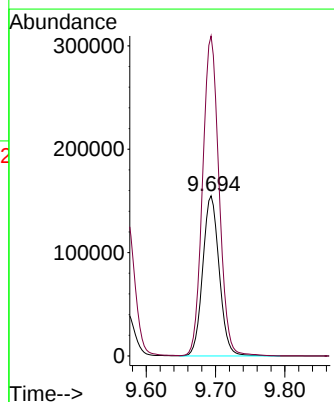
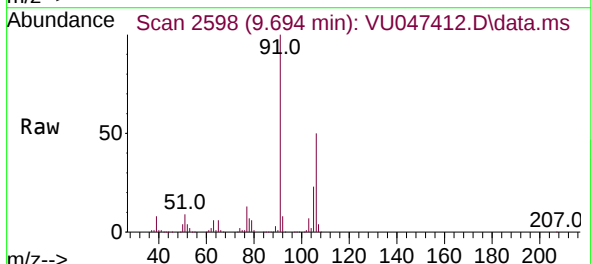
Instrument :
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ClientSampleId :

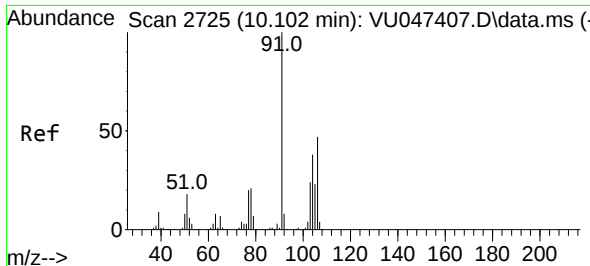
Tgt Ion: 91 Resp: 228687
Ion Ratio Lower Upper
91 100
106 31.1 22.4 41.6



#53
m,p-Xylene
Concen: 12.607 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

Tgt Ion:106 Resp: 255957
Ion Ratio Lower Upper
106 100
91 199.9 138.8 257.8

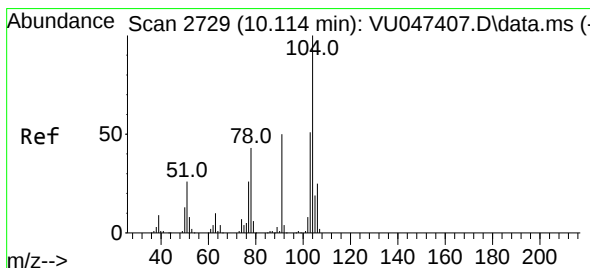
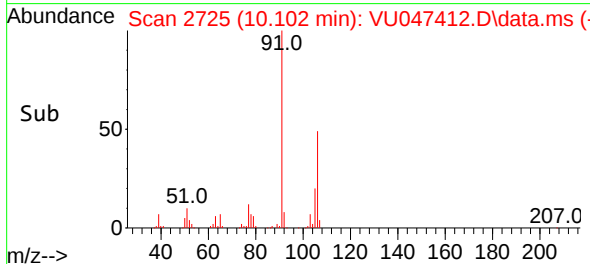
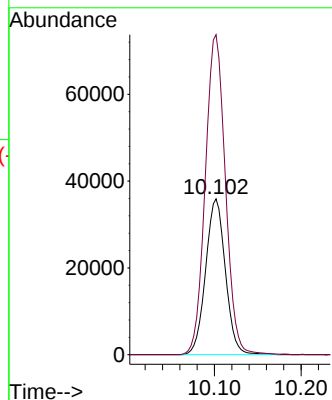
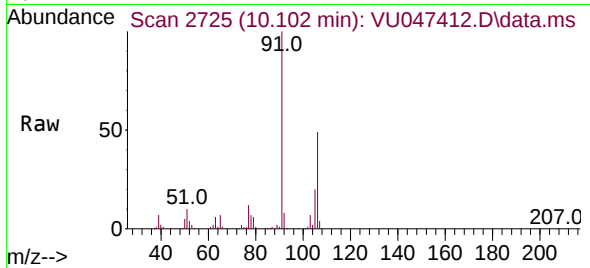




#54
o-Xylene
Concen: 2.897 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

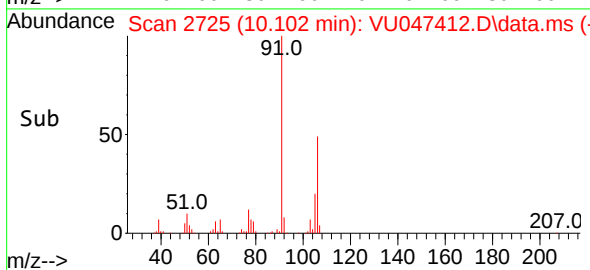
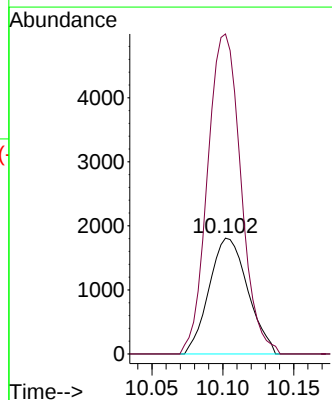
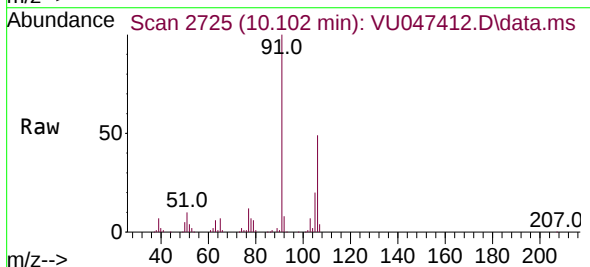
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MSVOA_U
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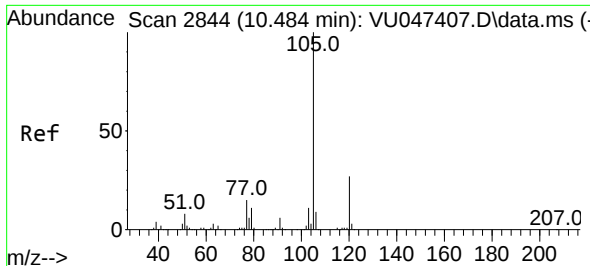
Tgt Ion:106 Resp: 56983
Ion Ratio Lower Upper
106 100
91 205.4 149.2 277.0



#55
Styrene
Concen: 0.103 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.013 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

Tgt Ion:104 Resp: 3429
Ion Ratio Lower Upper
104 100
78 276.3 30.4 56.4#

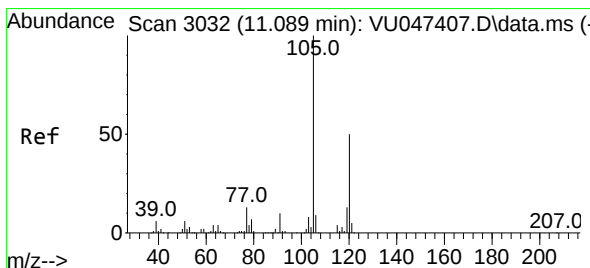
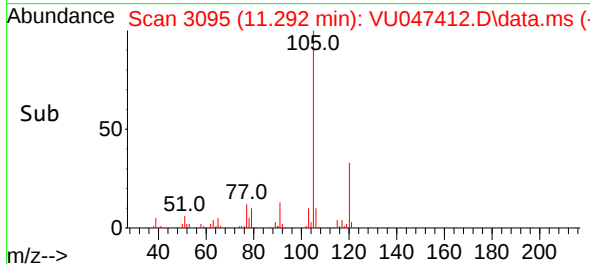
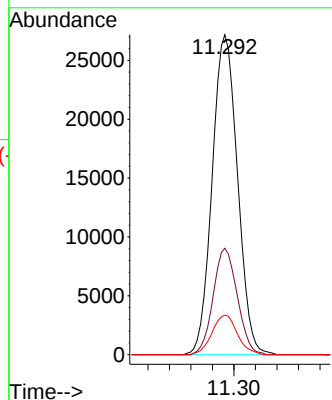
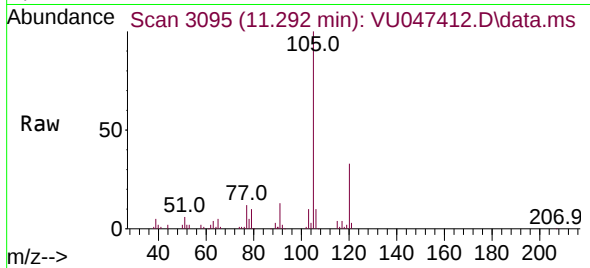




#60
Isopropylbenzene
Concen: 0.871 ug/L
RT: 11.292 min Scan# 3095
Delta R.T. 0.807 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

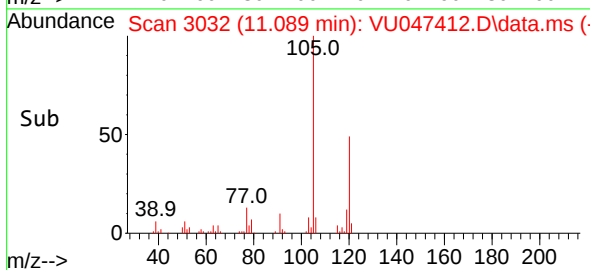
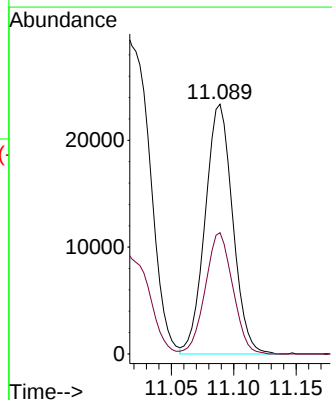
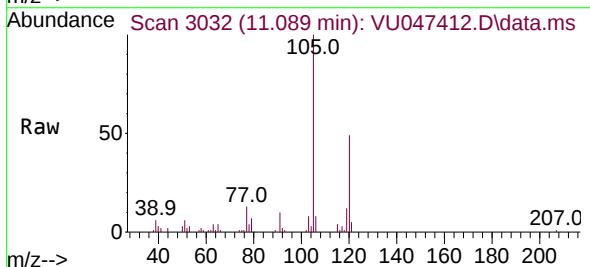
Instrument :
MSVOA_U
ClientSampleId :

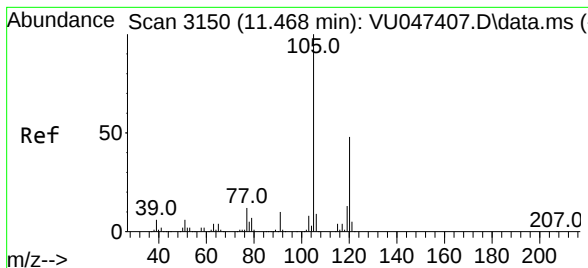
Tgt Ion:105 Resp: 44460
Ion Ratio Lower Upper
105 100
120 31.6 21.8 32.6
77 12.4 12.2 18.2



#62
1,3,5-Trimethylbenzene
Concen: 1.077 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

Tgt Ion:105 Resp: 36047
Ion Ratio Lower Upper
105 100
120 48.3 40.1 60.1

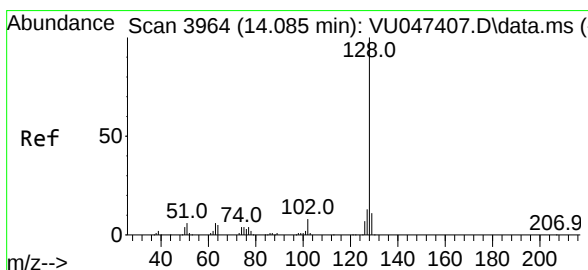
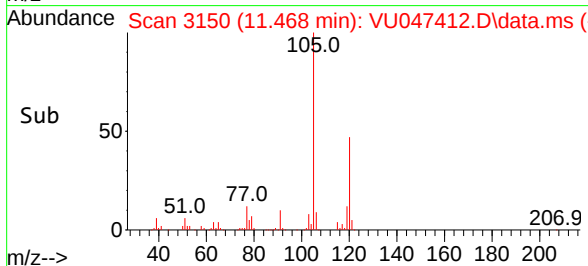
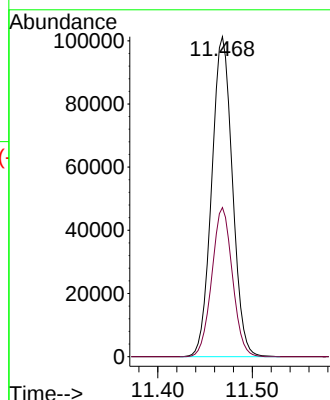
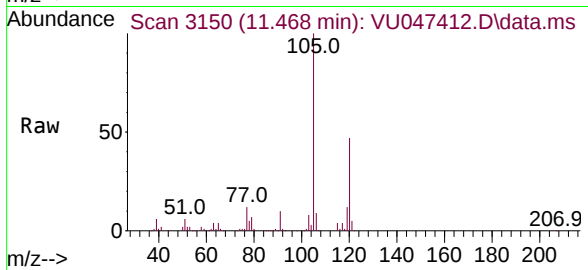




#63
1,2,4-Trimethylbenzene
Concen: 3.551 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 154191
Ion Ratio Lower Upper
105 100
120 46.2 37.2 55.8



#71
Naphthalene
Concen: 0.686 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU047412.D
Acq: 09 Mar 2022 18:21

Tgt Ion:128 Resp: 24269
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.5 10.2 15.4

