

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
 Data File : VU046583.D
 Acq On : 23 Dec 2021 22:13
 Operator : SY/MD
 Sample : M5170-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 24 04:59:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 24 04:54:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	81147	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	79839	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	41077	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21844	3.417	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.919	69	18981	3.771	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.575	65	9687	3.594	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	4.652	46	101844	54.932	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.860%
24) Chloroform-d	5.066	84	49577	4.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.706	65	30417	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.732	84	91349	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.693	67	29464	4.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.899	98	74484	3.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.179	79	12282	3.971	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.639	63	96258	53.006	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33108	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	36049	4.764	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	282	0.040	ug/L #	21
13) Acetone	2.678	43	8896	5.118	ug/L	56
14) Carbon disulfide	2.800	76	7909	0.339	ug/L #	93
22) cis-1,2-Dichloroethene	4.674	96	1310	0.157	ug/L	85
33) Benzene	5.780	78	41887	1.320	ug/L	100
37) 1,2-Dichloropropane	6.693	63	3392	0.419	ug/L #	88
40) 4-Methyl-2-pentanone	7.796	43	8683	1.430	ug/L #	88
42) Toluene	7.970	91	67314	2.067	ug/L	99
49) Dibromochloromethane	8.555	129	871	0.108	ug/L #	10
52) Ethylbenzene	9.571	91	20401	0.605	ug/L	96
53) m,p-Xylene	9.693	106	16086	1.246	ug/L	96
54) o-Xylene	10.102	106	5110	0.412	ug/L	88
60) Isopropylbenzene	10.999	105	24536	0.775	ug/L	93
62) 1,3,5-Trimethylbenzene	11.089	105	10210	0.388	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	51362	1.936	ug/L	99
71) Naphthalene	14.085	128	45401	2.071	ug/L	99

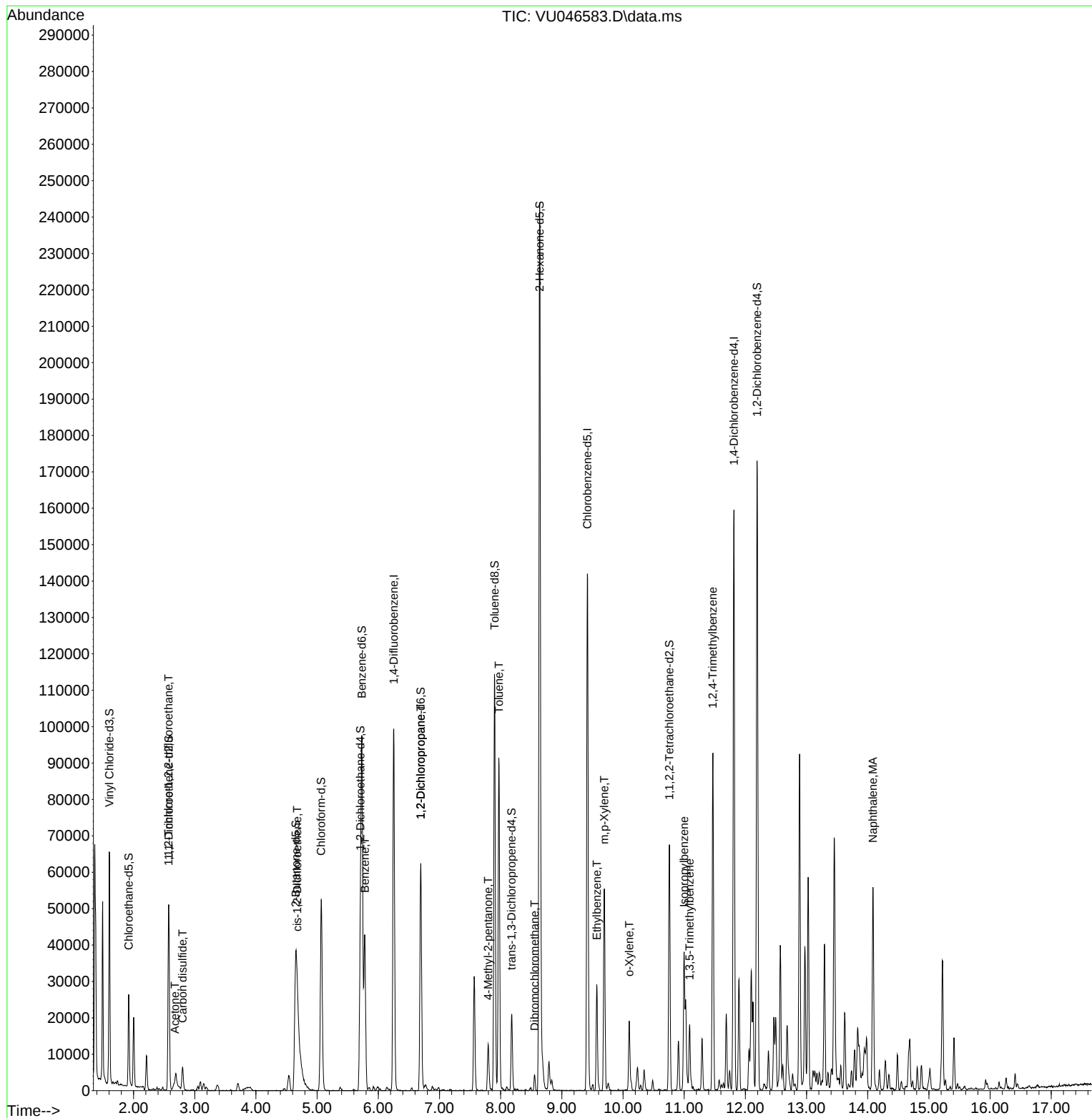
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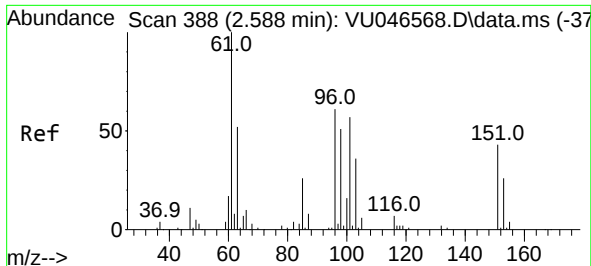
Instrument :
MSVOA_U
ClientSampleId :

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Quant Time: Dec 24 04:59:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 24 04:54:59 2021
Response via : Initial Calibration

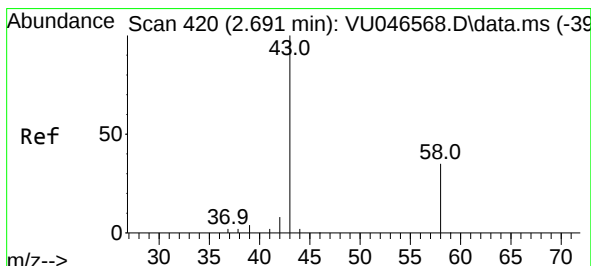
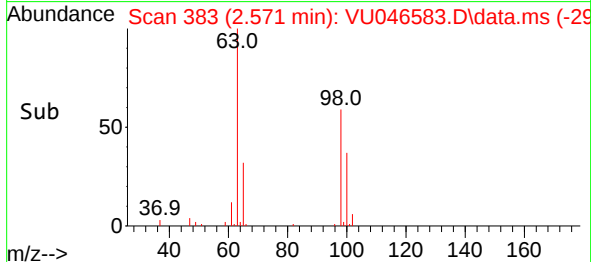
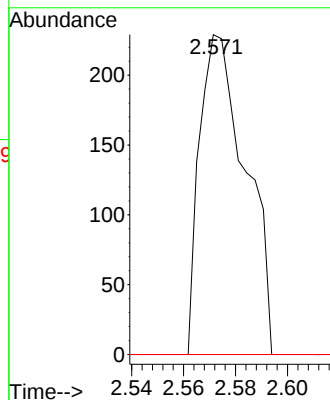
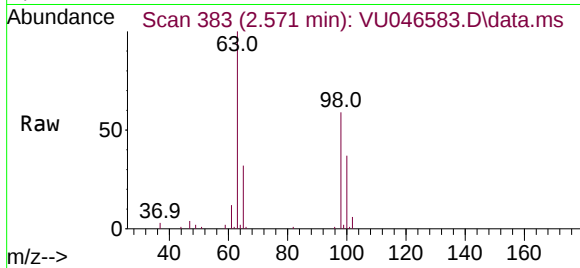




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.040 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046583.D
Acq: 23 Dec 2021 22:13

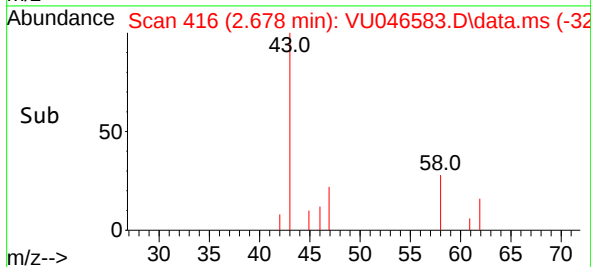
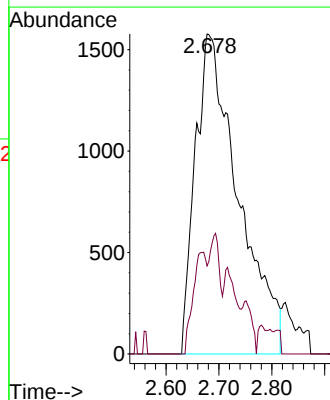
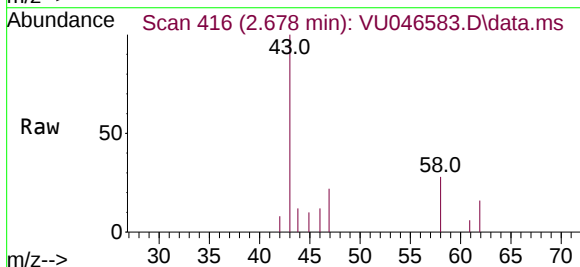
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MSVOA_U
ClientSampleId :

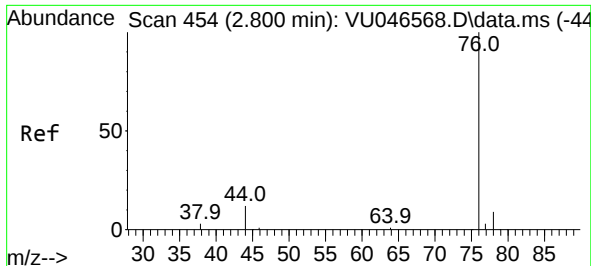
Tgt Ion:101 Resp: 282
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#13
Acetone
Concen: 5.118 ug/L
RT: 2.678 min Scan# 416
Delta R.T. -0.016 min
Lab File: VU046583.D
Acq: 23 Dec 2021 22:13

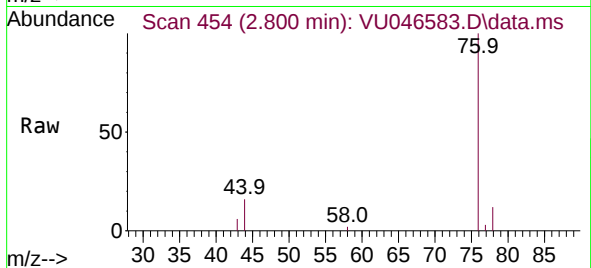
Tgt Ion: 43 Resp: 8896
Ion Ratio Lower Upper
43 100
58 10.2 0.0 71.6



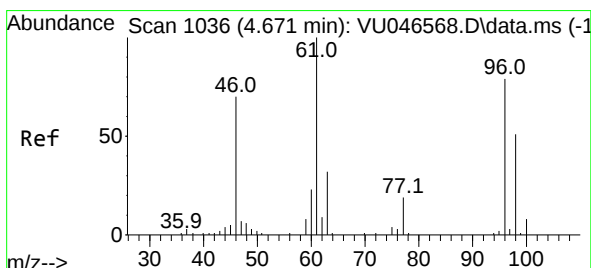
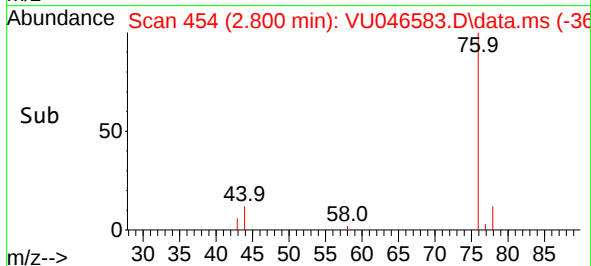
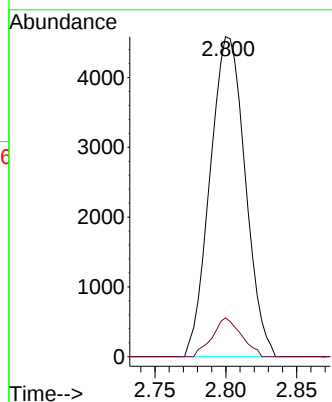


#14
Carbon disulfide
Concen: 0.339 ug/L
RT: 2.800 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU046583.D
Acq: 23 Dec 2021 22:13

Instrument :
MSVOA_U
ClientSampleId :

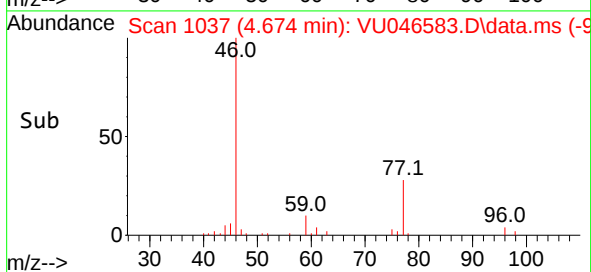
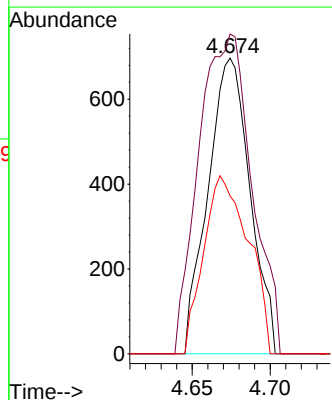
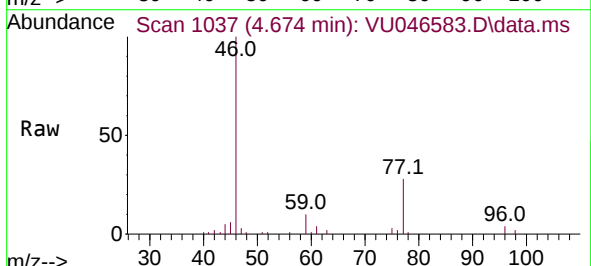


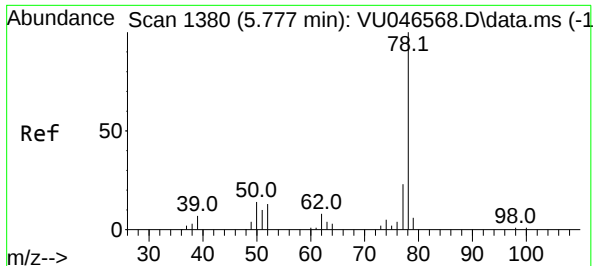
Tgt Ion: 76 Resp: 7909
Ion Ratio Lower Upper
76 100
78 12.1 7.5 11.3#



#22
cis-1,2-Dichloroethene
Concen: 0.157 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU046583.D
Acq: 23 Dec 2021 22:13

Tgt Ion: 96 Resp: 1310
Ion Ratio Lower Upper
96 100
61 108.2 88.5 164.3
98 53.4 44.4 82.5

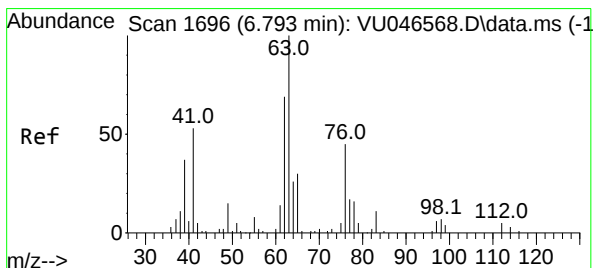
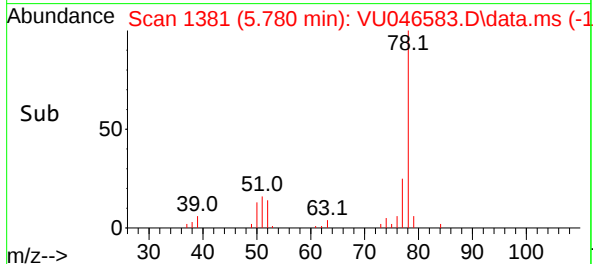
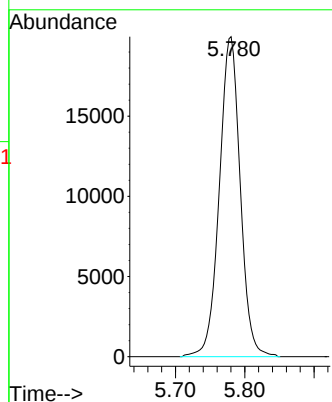
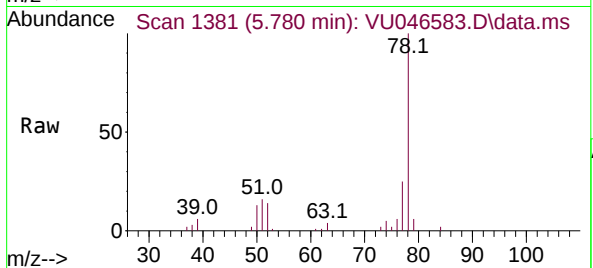




#33
Benzene
Concen: 1.320 ug/L
RT: 5.780 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU046583.D
Acq: 23 Dec 2021 22:13

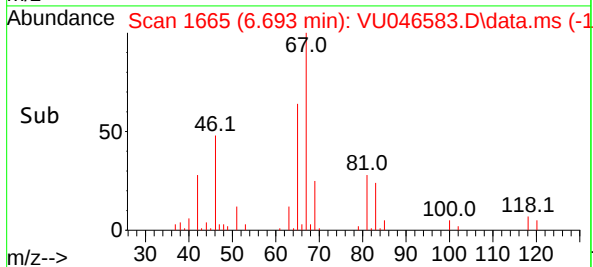
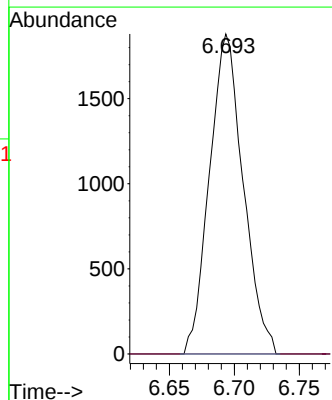
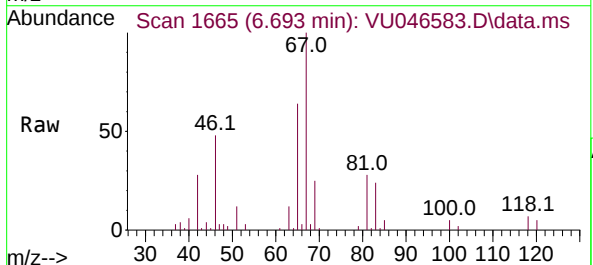
Instrument :
MSVOA_U
ClientSampleId :

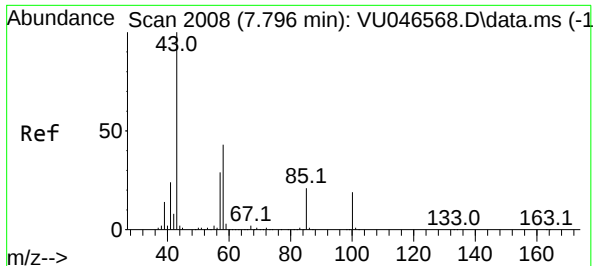
Tgt Ion: 78 Resp: 41887



#37
1,2-Dichloropropane
Concen: 0.419 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU046583.D
Acq: 23 Dec 2021 22:13

Tgt Ion: 63 Resp: 3392
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#40

4-Methyl-2-pentanone

Concen: 1.430 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046583.D

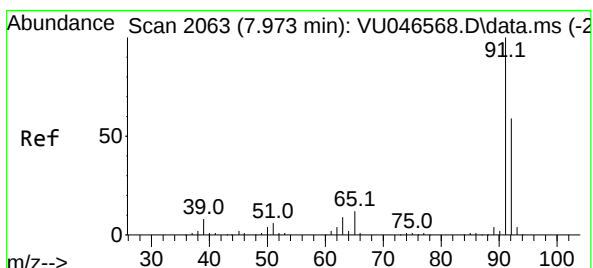
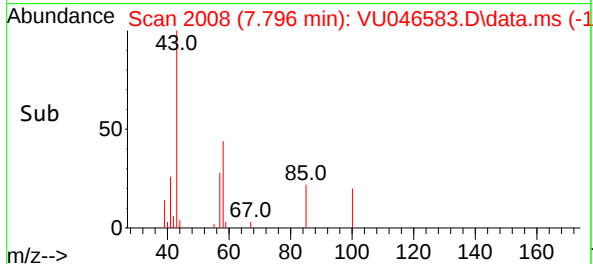
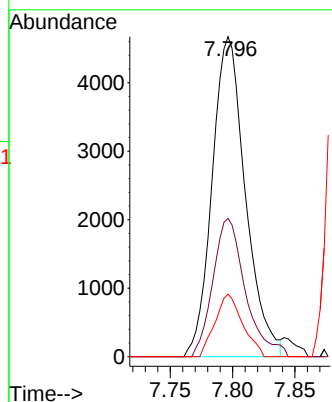
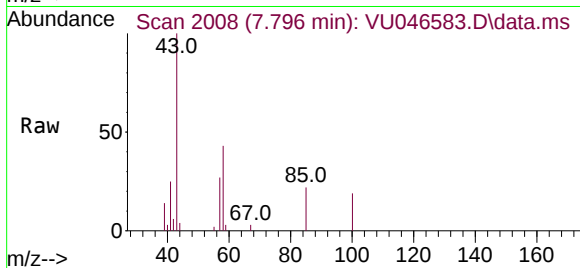
Acq: 23 Dec 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	43	Resp:	8683
Ion Ratio	Lower	Upper	
43	100		
58	42.1	33.1	49.7
100	0.0	13.2	19.8



#42

Toluene

Concen: 2.067 ug/L

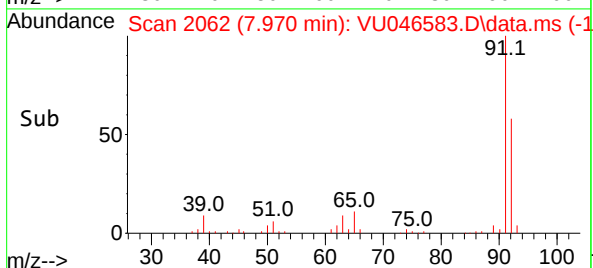
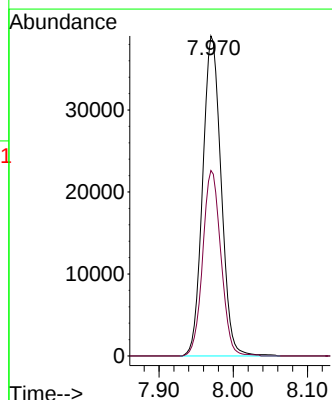
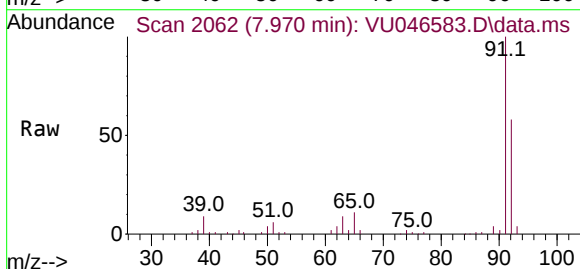
RT: 7.970 min Scan# 2062

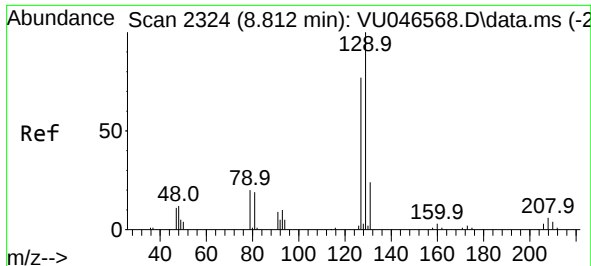
Delta R.T. -0.003 min

Lab File: VU046583.D

Acq: 23 Dec 2021 22:13

Tgt Ion:	91	Resp:	67314
Ion Ratio	Lower	Upper	
91	100		
92	58.0	41.3	76.7





#49

Dibromochloromethane

Concen: 0.108 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046583.D

Acq: 23 Dec 2021 22:13

Instrument :

MSVOA_U

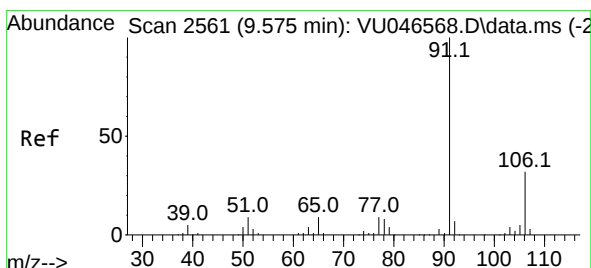
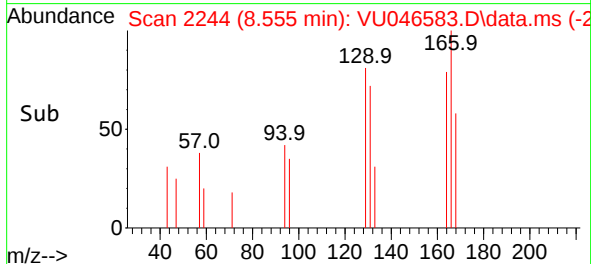
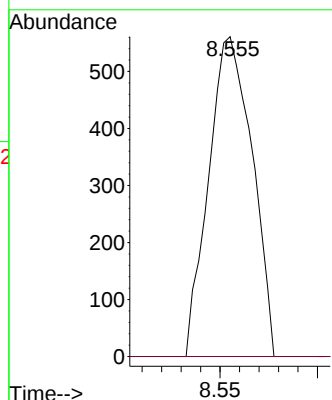
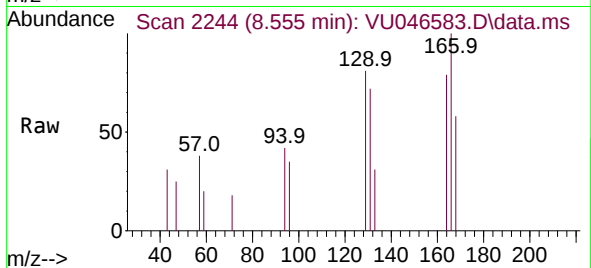
ClientSampleId :

Tgt Ion:129 Resp: 871

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#52

Ethylbenzene

Concen: 0.605 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU046583.D

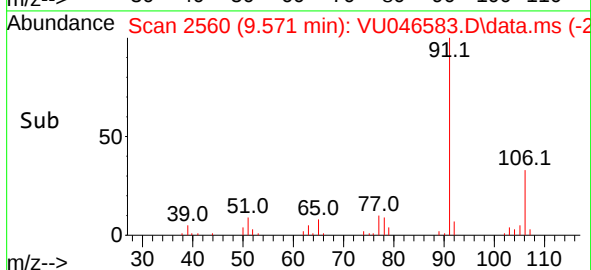
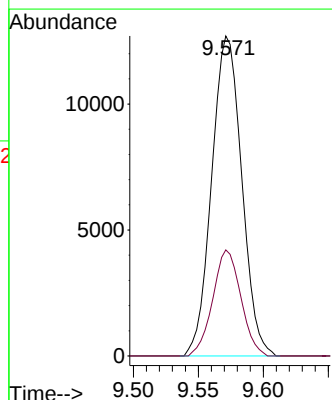
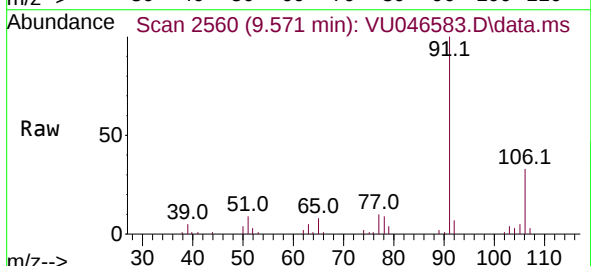
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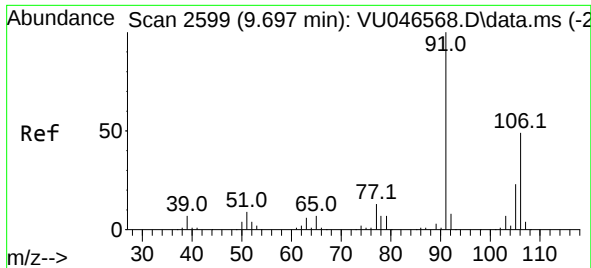
Tgt Ion: 91 Resp: 20401

Ion Ratio Lower Upper

91 100

106 33.1 21.5 39.9

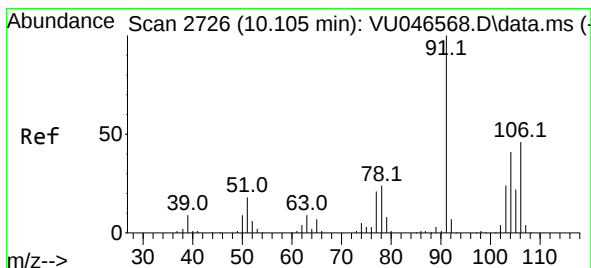
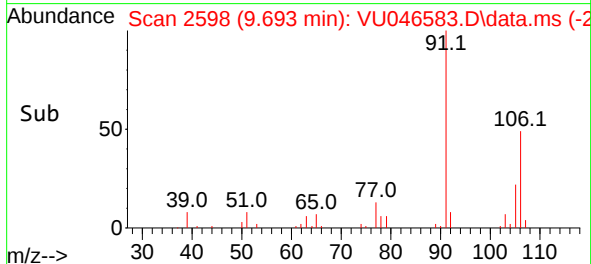
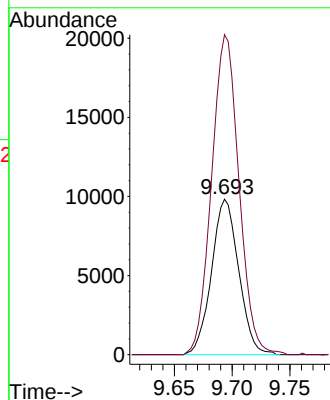
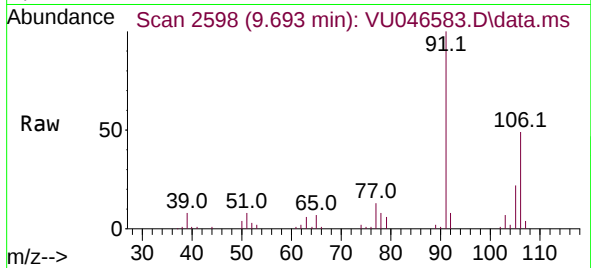




#53
m,p-Xylene
Concen: 1.246 ug/L
RT: 9.693 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046583.D
Acq: 23 Dec 2021 22:13

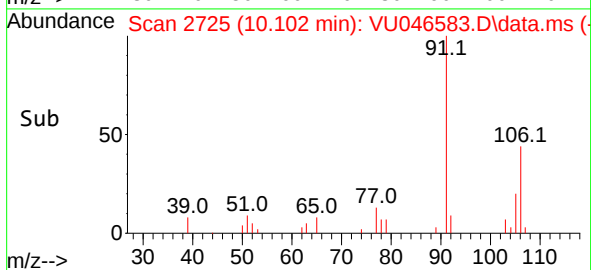
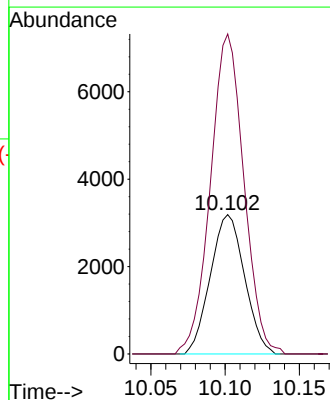
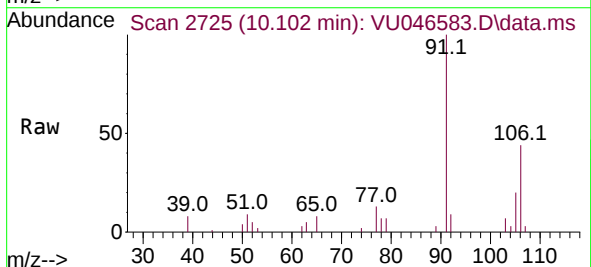
Instrument :
MSVOA_U
ClientSampleId :

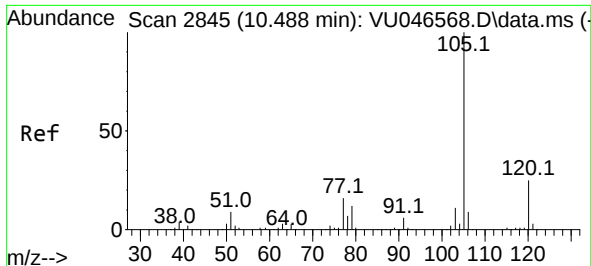
Tgt Ion:106 Resp: 16086
Ion Ratio Lower Upper
106 100
91 205.7 139.4 259.0



#54
o-Xylene
Concen: 0.412 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046583.D
Acq: 23 Dec 2021 22:13

Tgt Ion:106 Resp: 5110
Ion Ratio Lower Upper
106 100
91 229.7 147.5 273.9

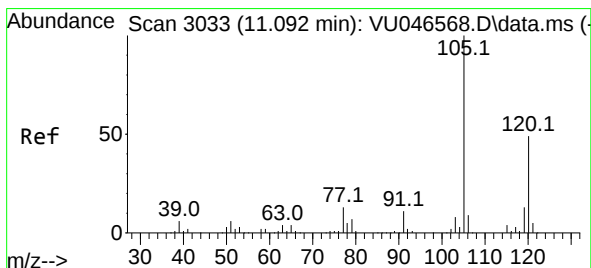
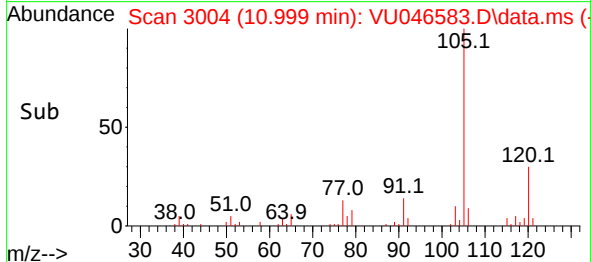
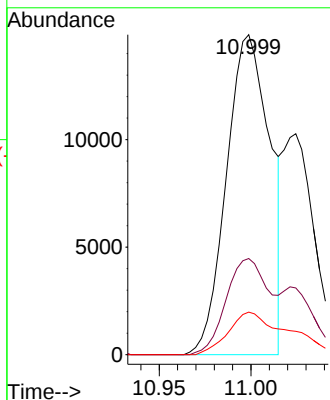
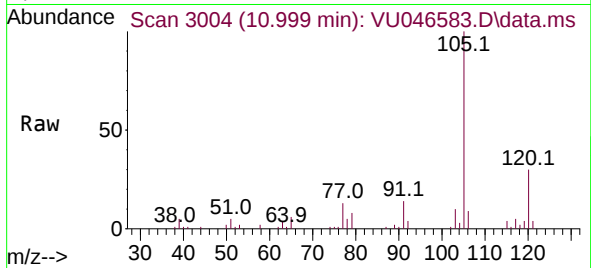




#60
Isopropylbenzene
Concen: 0.775 ug/L
RT: 10.999 min Scan# 3004
Delta R.T. 0.511 min
Lab File: VU046583.D
Acq: 23 Dec 2021 22:13

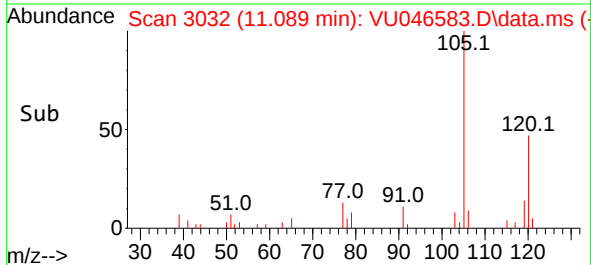
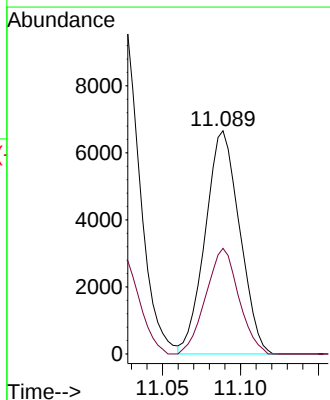
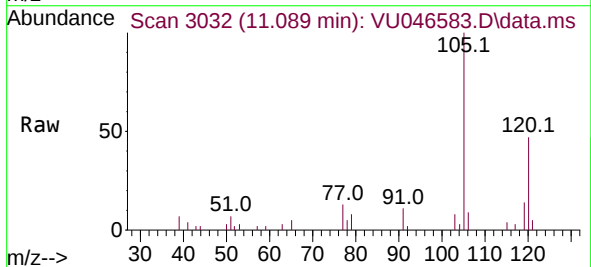
Instrument :
MSVOA_U
ClientSampleId :

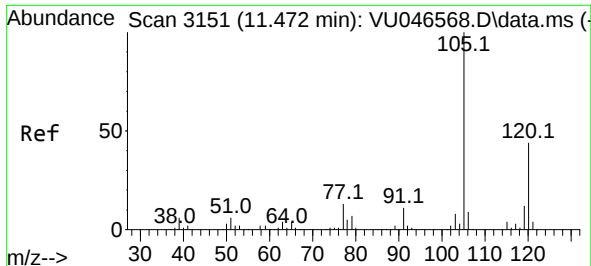
Tgt Ion:105 Resp: 24536
Ion Ratio Lower Upper
105 100
120 30.1 20.7 31.1
77 18.2 12.6 19.0



#62
1,3,5-Trimethylbenzene
Concen: 0.388 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU046583.D
Acq: 23 Dec 2021 22:13

Tgt Ion:105 Resp: 10210
Ion Ratio Lower Upper
105 100
120 45.3 38.3 57.5

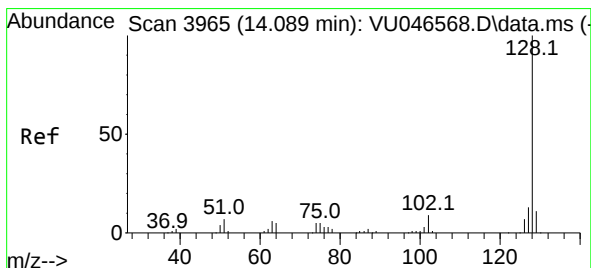
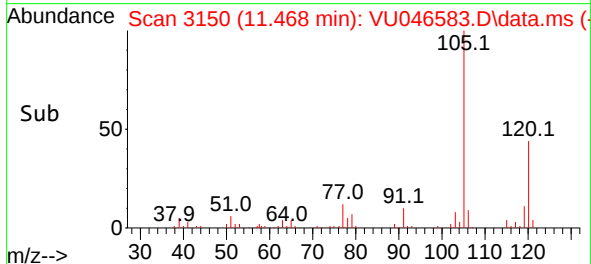
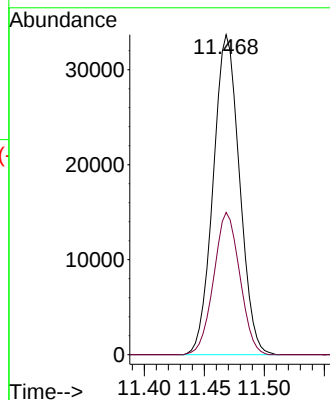
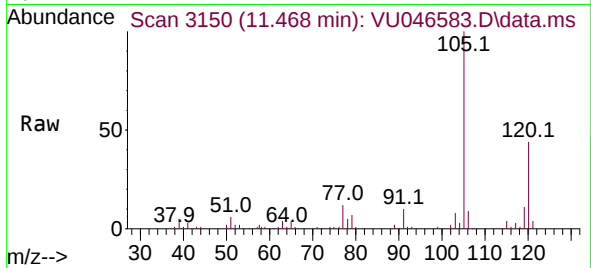




#63
1,2,4-Trimethylbenzene
Concen: 1.936 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU046583.D
Acq: 23 Dec 2021 22:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 51362
Ion Ratio Lower Upper
105 100
120 44.1 35.8 53.8



#71
Naphthalene
Concen: 2.071 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU046583.D
Acq: 23 Dec 2021 22:13

Tgt Ion:128 Resp: 45401
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.0 10.2 15.2

