

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 :
 H0AO3

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)

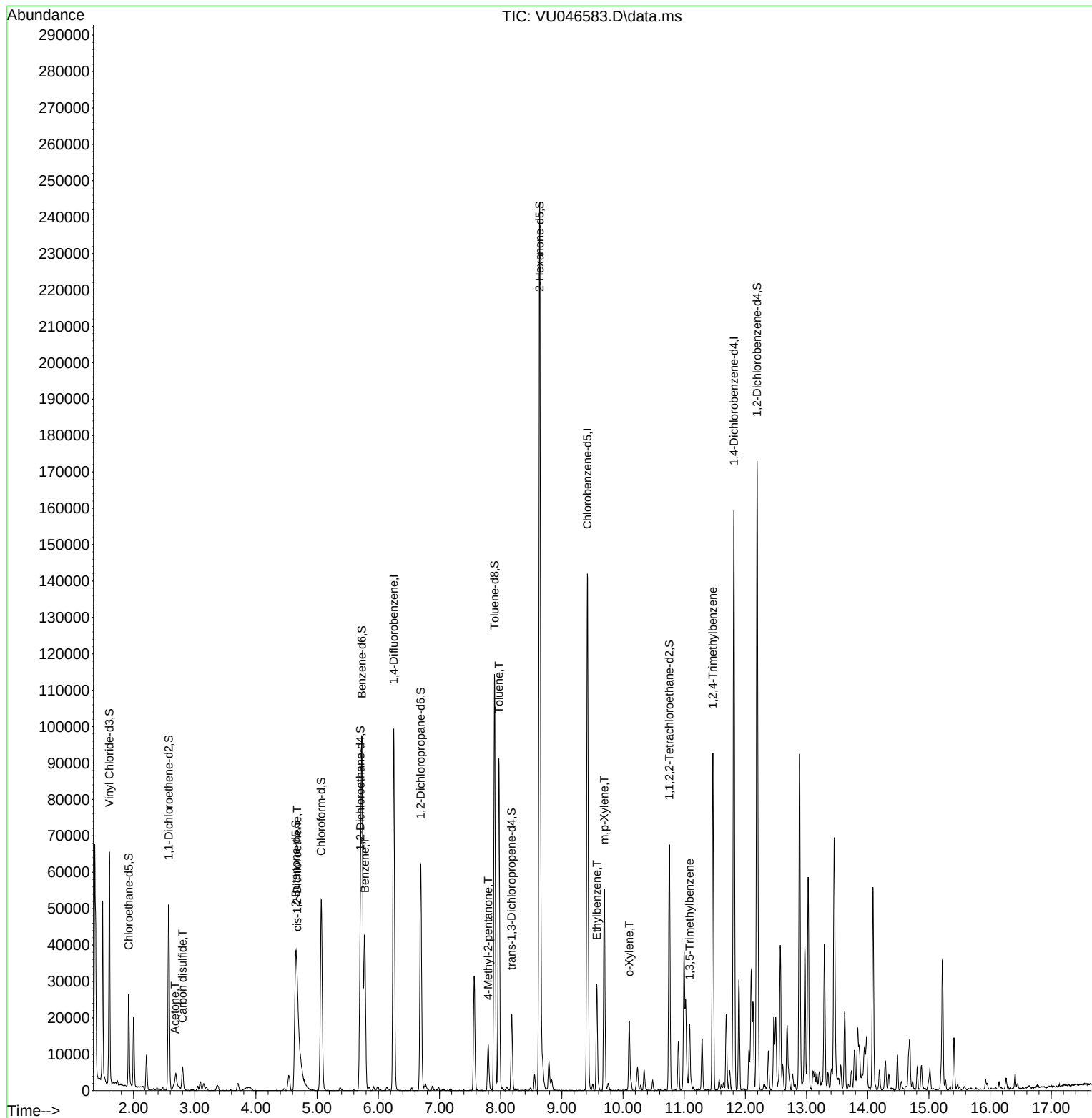
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	81147	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	79839	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	41077	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21844	3.417	ug/L	0.00
Spiked Amount	5.000	Range	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
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
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
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
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

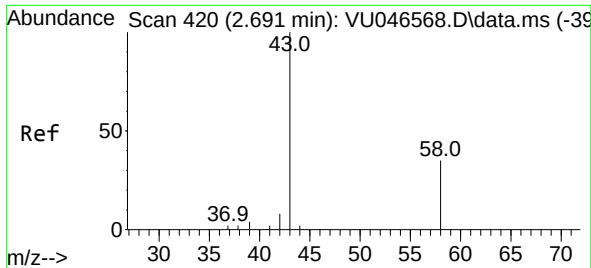
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.118 ug/L

RT: 2.678 min Scan# 41

Delta R.T. -0.016 min

Lab File: VU046583.D

Acq: 23 Dec 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

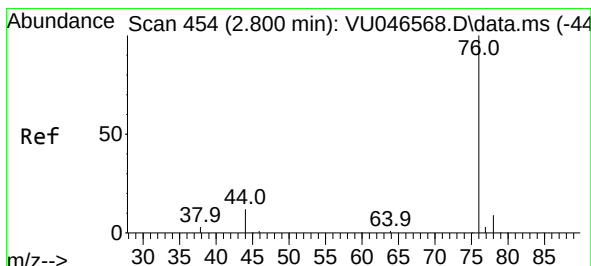
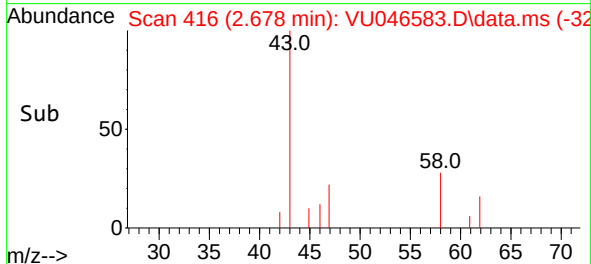
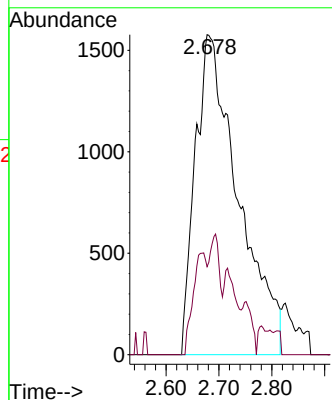
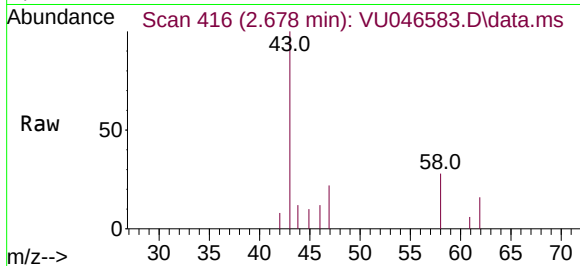
H0AO3

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# 454

Delta R.T. -0.000 min

Lab File: VU046583.D

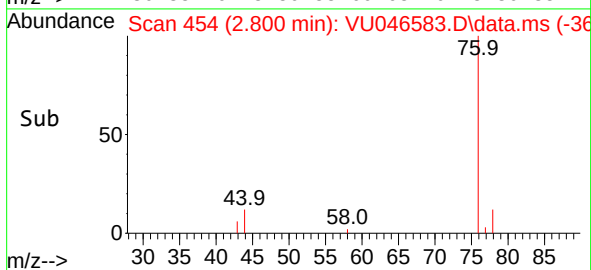
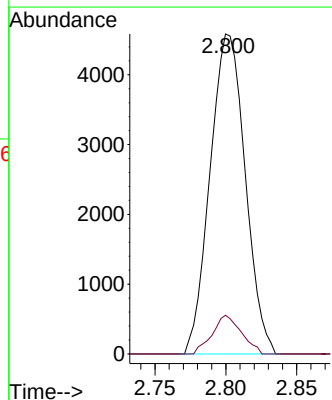
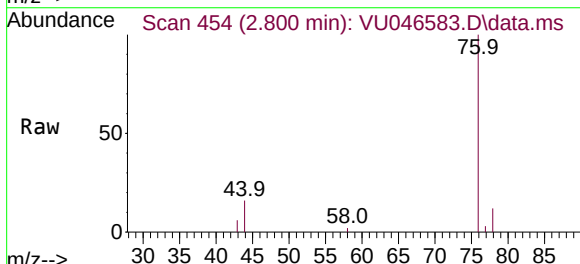
Acq: 23 Dec 2021 22:13

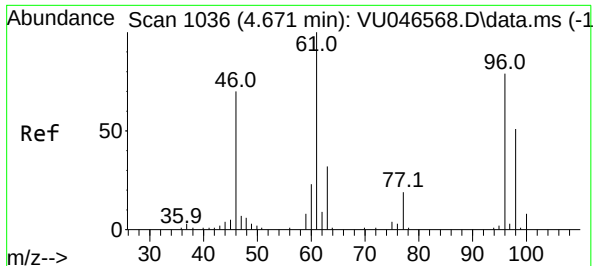
Tgt Ion: 76 Resp: 7909

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# 1036

Delta R.T. -0.000 min

Lab File: VU046583.D

Acq: 23 Dec 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

H0AO3

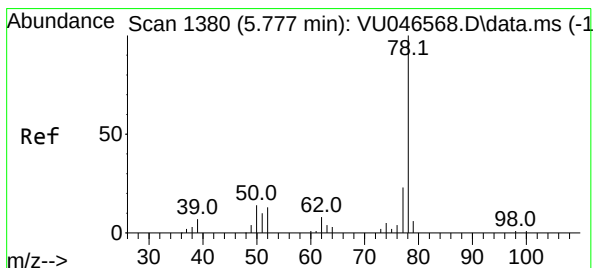
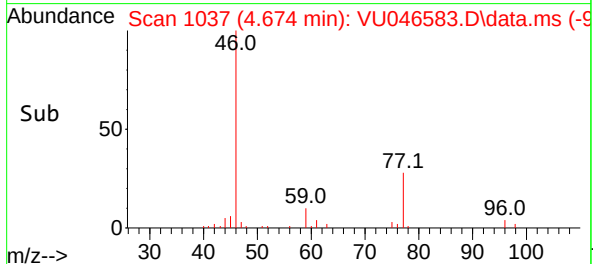
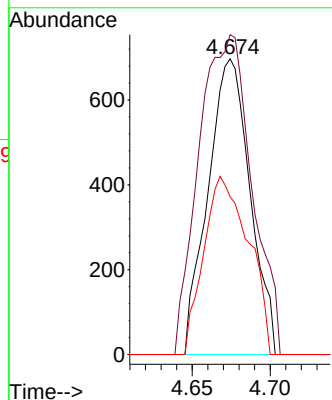
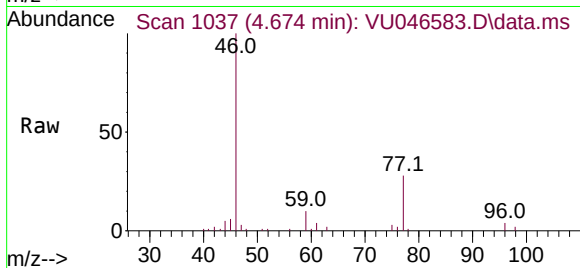
Tgt Ion: 96 Resp: 1310

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

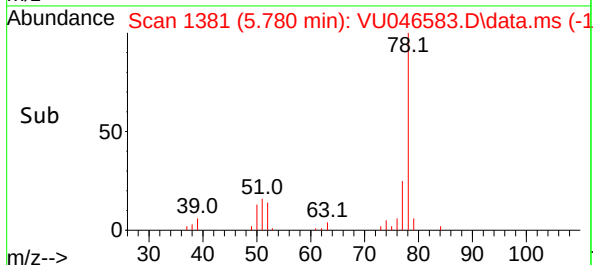
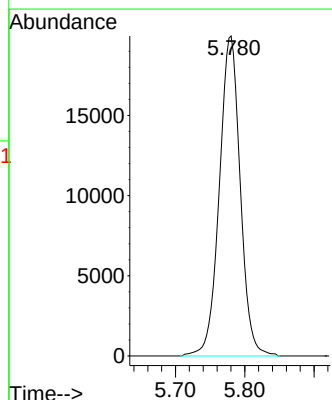
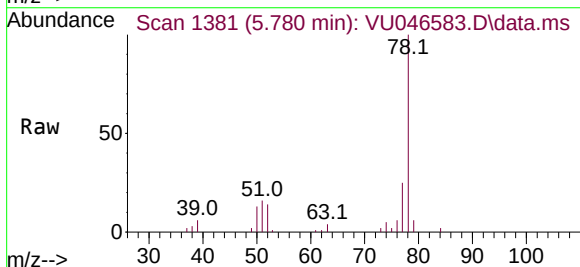
RT: 5.780 min Scan# 1381

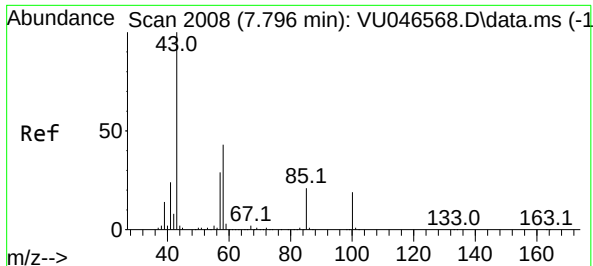
Delta R.T. 0.003 min

Lab File: VU046583.D

Acq: 23 Dec 2021 22:13

Tgt Ion: 78 Resp: 41887





#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

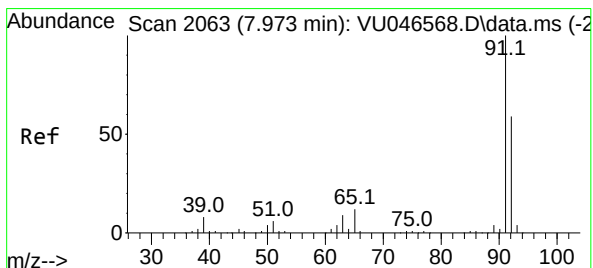
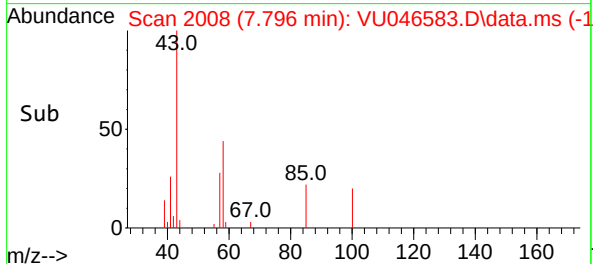
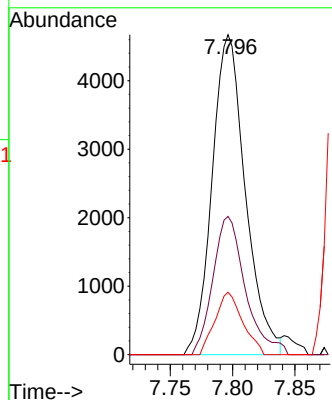
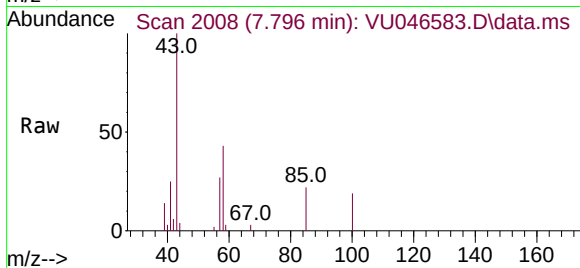
Instrument :

MSVOA_U

ClientSampleId :

H0AO3

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

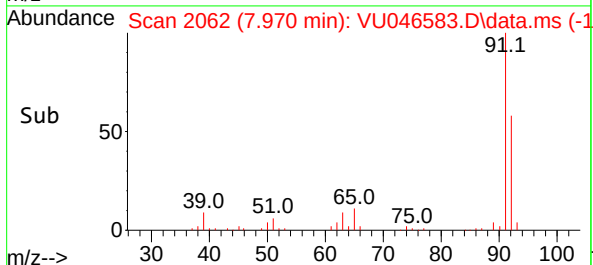
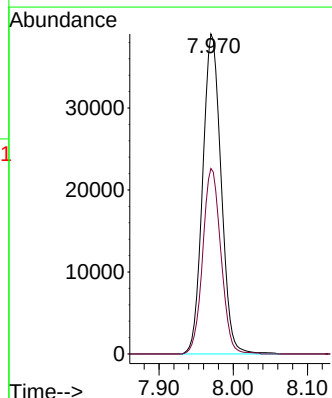
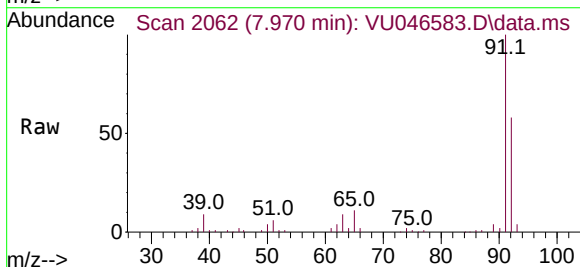
RT: 7.970 min Scan# 2062

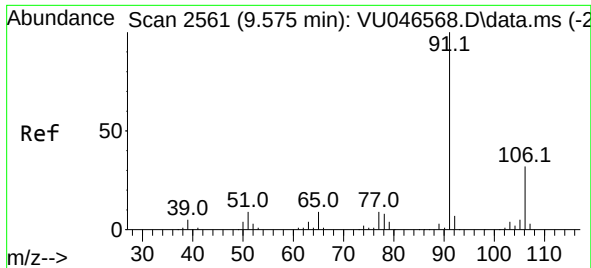
Delta R.T. -0.003 min

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

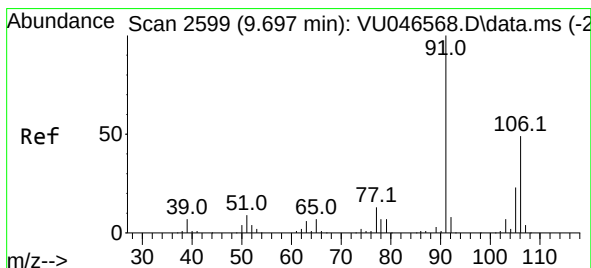
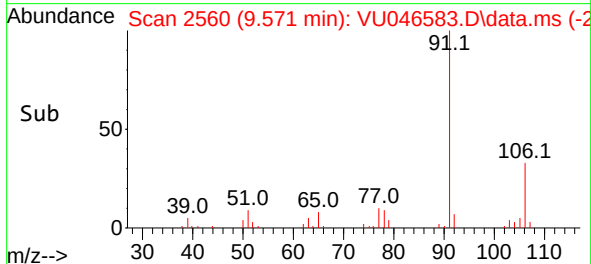
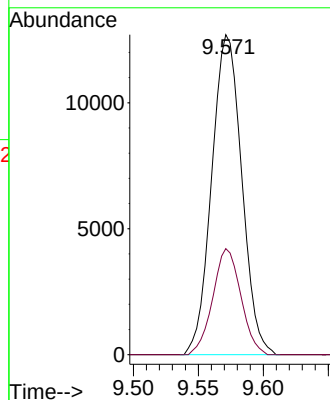
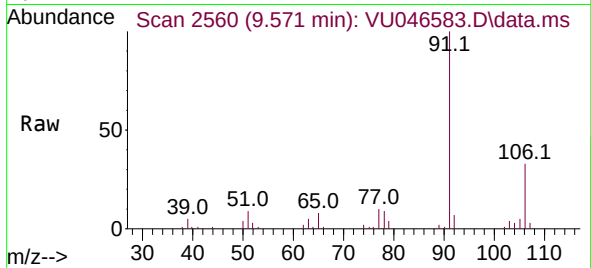




#52
Ethylbenzene
Concen: 0.605 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU046583.D
Acq: 23 Dec 2021 22:13

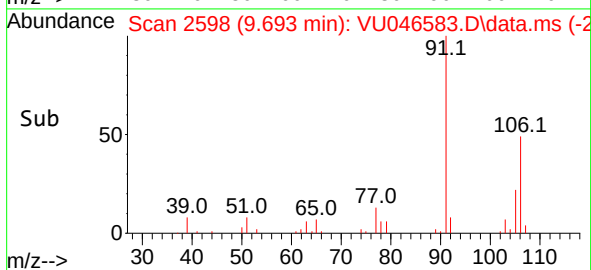
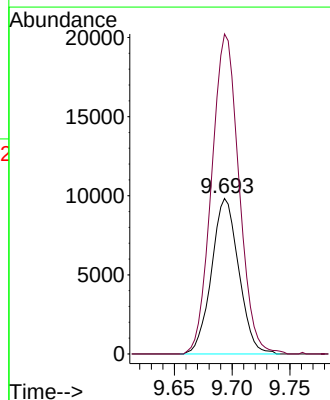
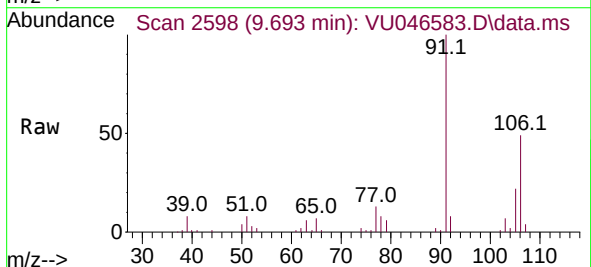
Instrument :
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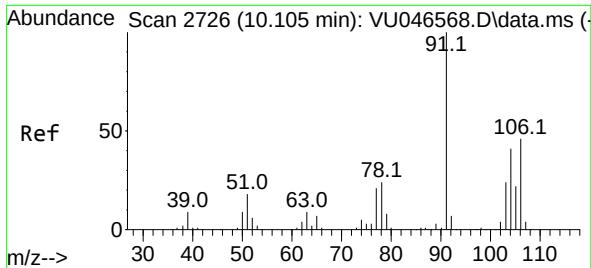
Tgt Ion: 91 Resp: 20401
Ion Ratio Lower Upper
91 100
106 33.1 21.5 39.9



#53
m,p-Xylene
Concen: 1.246 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046583.D
Acq: 23 Dec 2021 22:13

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

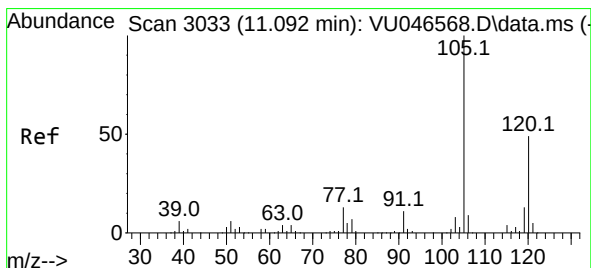
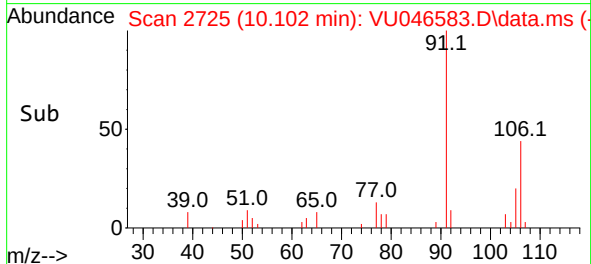
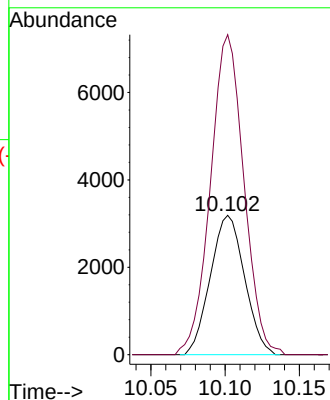
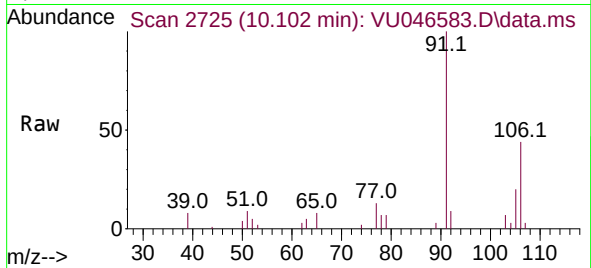




#54
o-Xylene
Concen: 0.412 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046583.D
Acq: 23 Dec 2021 22:13

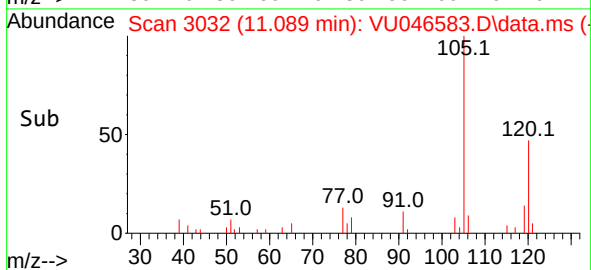
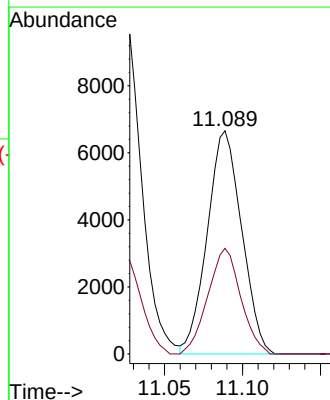
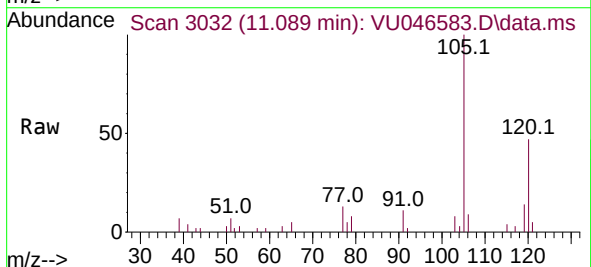
Instrument :
MSVOA_U
ClientSampleId :
H0AO3

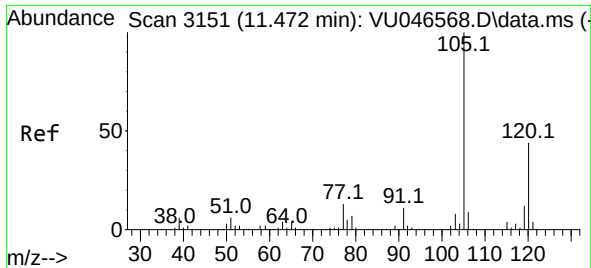
Tgt Ion:106 Resp: 5110
Ion Ratio Lower Upper
106 100
91 229.7 147.5 273.9



#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# 31
 Delta R.T. -0.000 min
 Lab File: VU046583.D
 Acq: 23 Dec 2021 22:13

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AO3

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

