

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052565.D
 Acq On : 27 Dec 2022 15:27
 Operator : JC/MD
 Sample : N6171-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD2

Quant Time: Dec 28 01:21:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 28 01:18:16 2022
 Response via : Initial Calibration

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

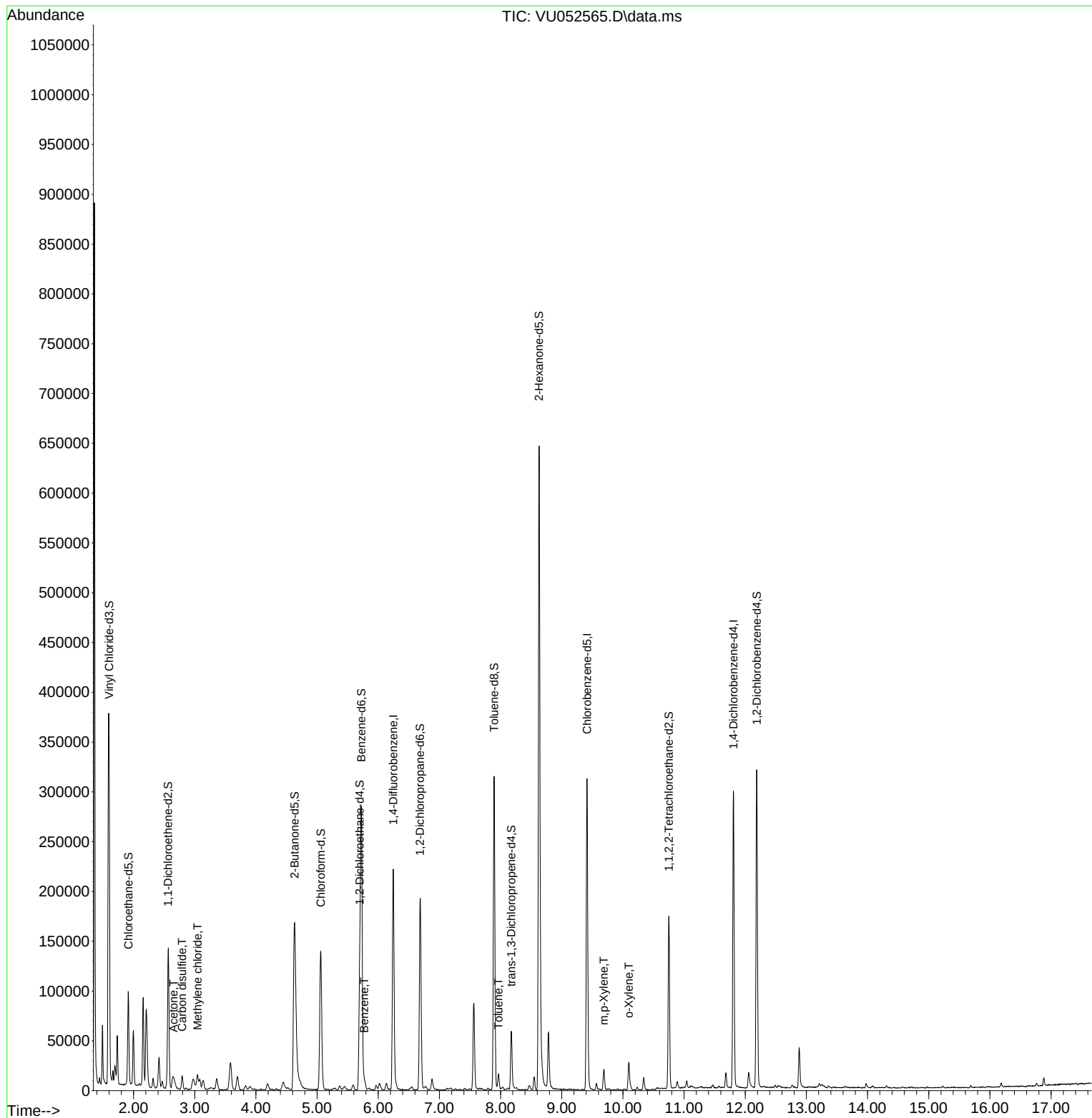
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	170088	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	165077	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	75883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	58826	3.414	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.200%
7) Chloroethane-d5	1.916	69	60083	4.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.565	65	28215	3.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.632	46	310646	58.134	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.260%
24) Chloroform-d	5.060	84	131518	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.697	65	81211	4.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.722	84	257943	4.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.684	67	95888	4.922	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.893	98	203176	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.176	79	34318	5.144	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.629	63	216426	59.297	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.600%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	85212	5.152	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	79350	5.136	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
13) Acetone	2.652	43	23995	6.091	ug/L	100
14) Carbon disulfide	2.793	76	15879	0.387	ug/L	100
16) Methylene chloride	3.044	84	5405	0.300	ug/L	91
33) Benzene	5.771	78	9013	0.152	ug/L	100
42) Toluene	7.967	91	10029	0.176	ug/L	94
53) m,p-Xylene	9.687	106	5684	0.261	ug/L	77
54) o-Xylene	10.095	106	6911	0.331	ug/L	92

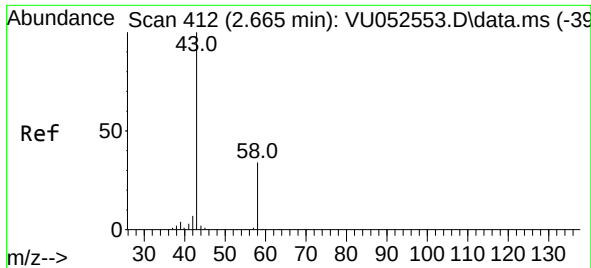
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.091 ug/L

RT: 2.652 min Scan# 408

Delta R.T. -0.013 min

Lab File: VU052565.D

Acq: 27 Dec 2022 15:27

Instrument :

MSVOA_U

ClientSampleId :

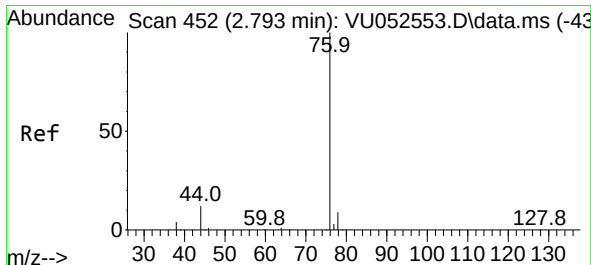
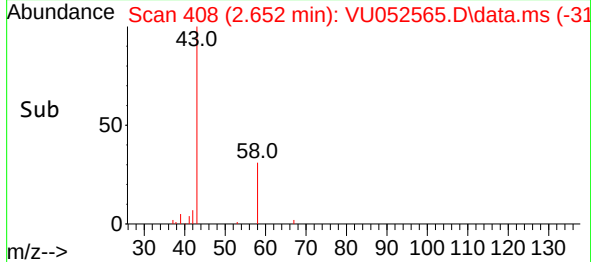
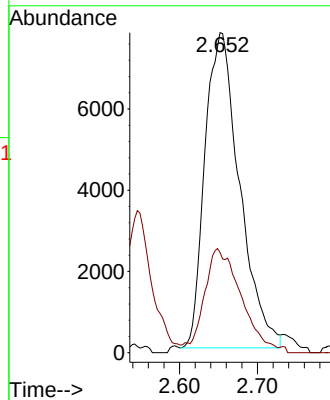
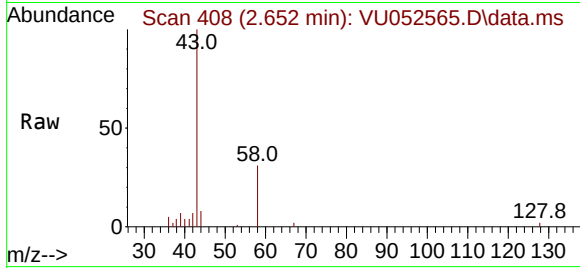
GBQD2

Tgt Ion: 43 Resp: 23995

Ion Ratio Lower Upper

43 100

58 32.4 0.0 65.4



#14

Carbon disulfide

Concen: 0.387 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052565.D

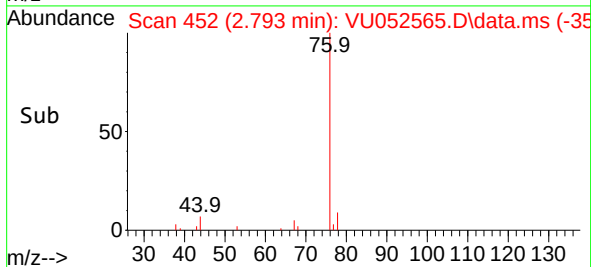
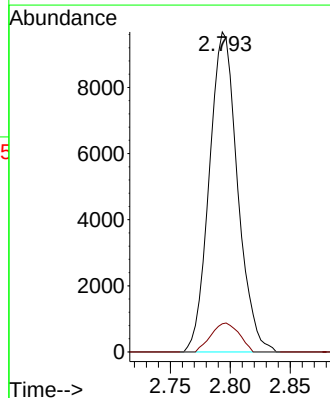
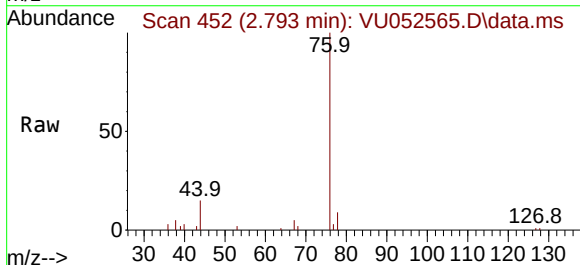
Acq: 27 Dec 2022 15:27

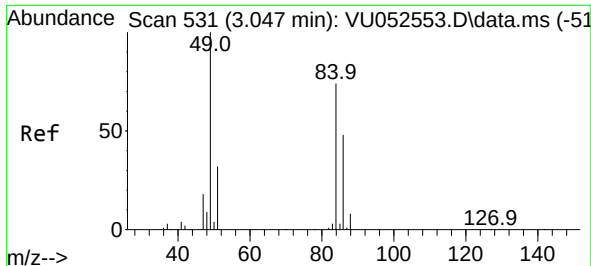
Tgt Ion: 76 Resp: 15879

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

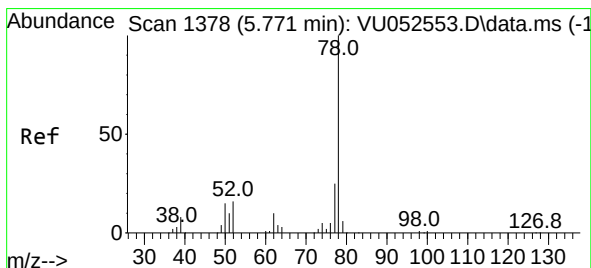
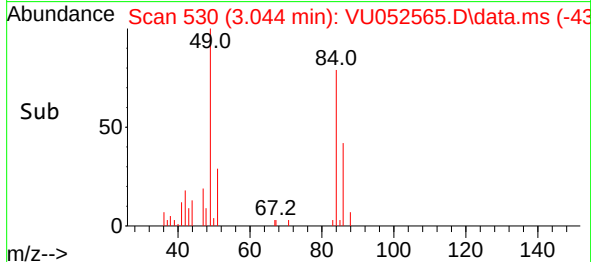
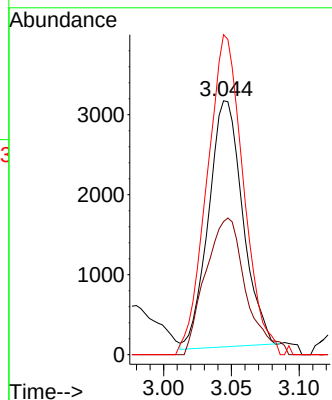
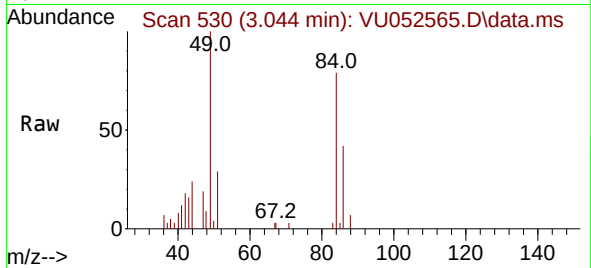




#16
Methylene chloride
Concen: 0.300 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052565.D
Acq: 27 Dec 2022 15:27

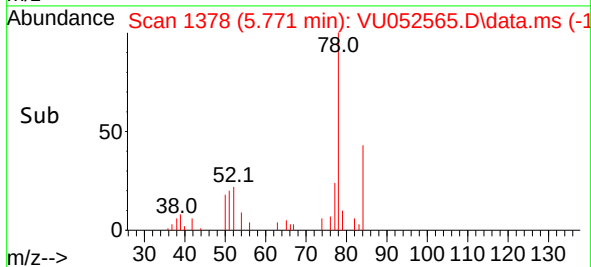
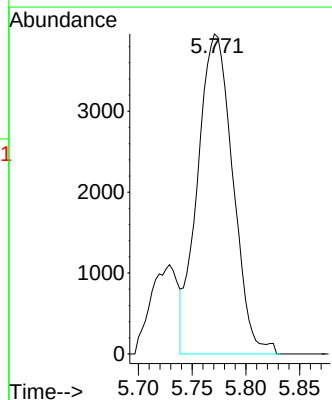
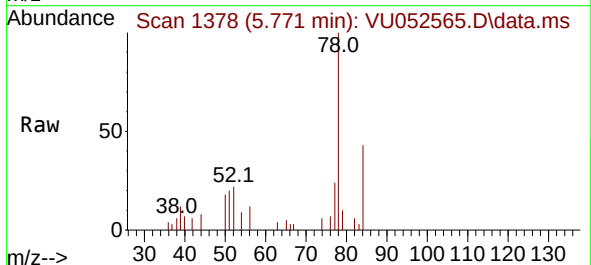
Instrument :
MSVOA_U
ClientSampleId :
GBQD2

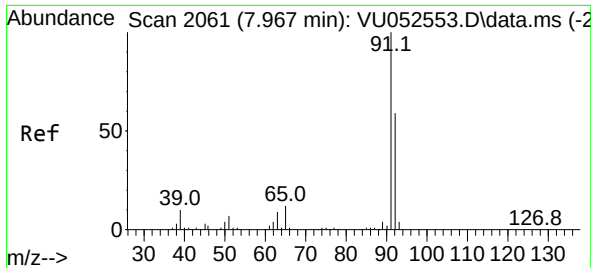
Tgt Ion: 84 Resp: 5405
Ion Ratio Lower Upper
84 100
86 52.4 44.7 83.1
49 126.0 93.3 173.3



#33
Benzene
Concen: 0.152 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052565.D
Acq: 27 Dec 2022 15:27

Tgt Ion: 78 Resp: 9013





#42

Toluene

Concen: 0.176 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052565.D

Acq: 27 Dec 2022 15:27

Instrument :

MSVOA_U

ClientSampleId :

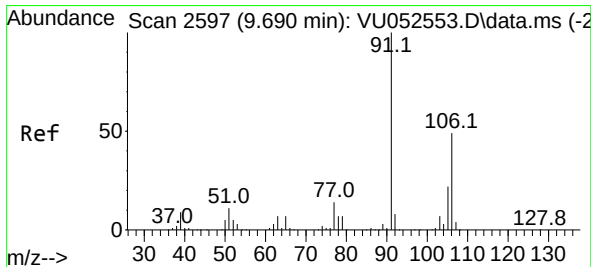
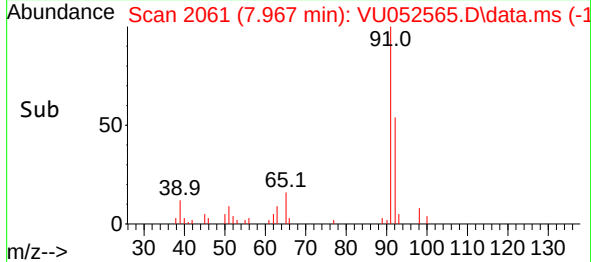
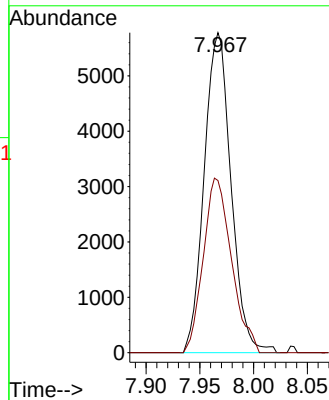
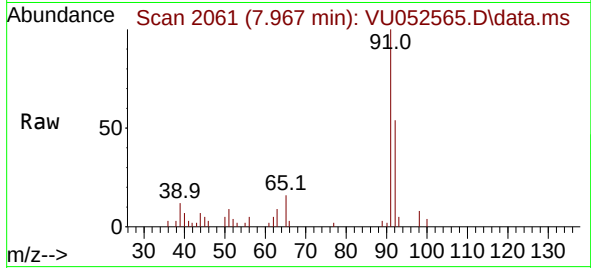
GBQD2

Tgt Ion: 91 Resp: 10029

Ion Ratio Lower Upper

91 100

92 53.8 40.6 75.4



#53

m,p-Xylene

Concen: 0.261 ug/L

RT: 9.687 min Scan# 2596

Delta R.T. -0.003 min

Lab File: VU052565.D

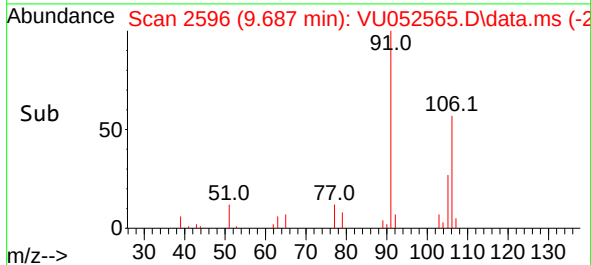
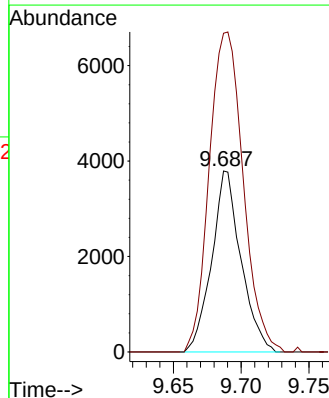
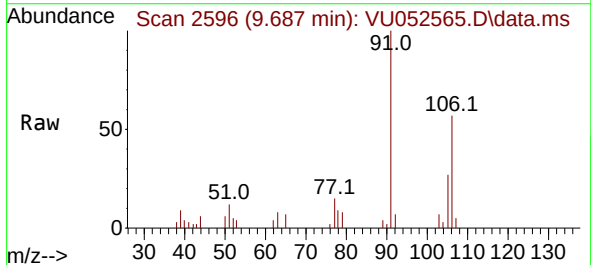
Acq: 27 Dec 2022 15:27

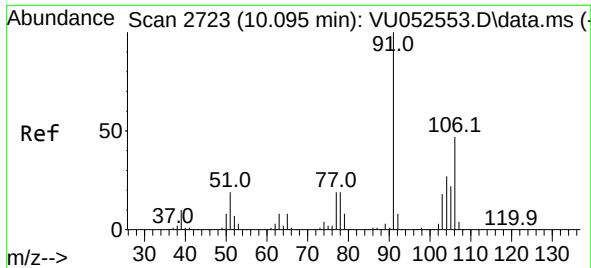
Tgt Ion: 106 Resp: 5684

Ion Ratio Lower Upper

106 100

91 176.0 148.2 275.2





#54
o-Xylene
Concen: 0.331 ug/L
RT: 10.095 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052565.D
Acq: 27 Dec 2022 15:27

Instrument :
MSVOA_U
ClientSampleId :
GBQD2

Tgt Ion:106 Resp: 6911
Ion Ratio Lower Upper
106 100
91 231.3 153.2 284.4

