

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

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

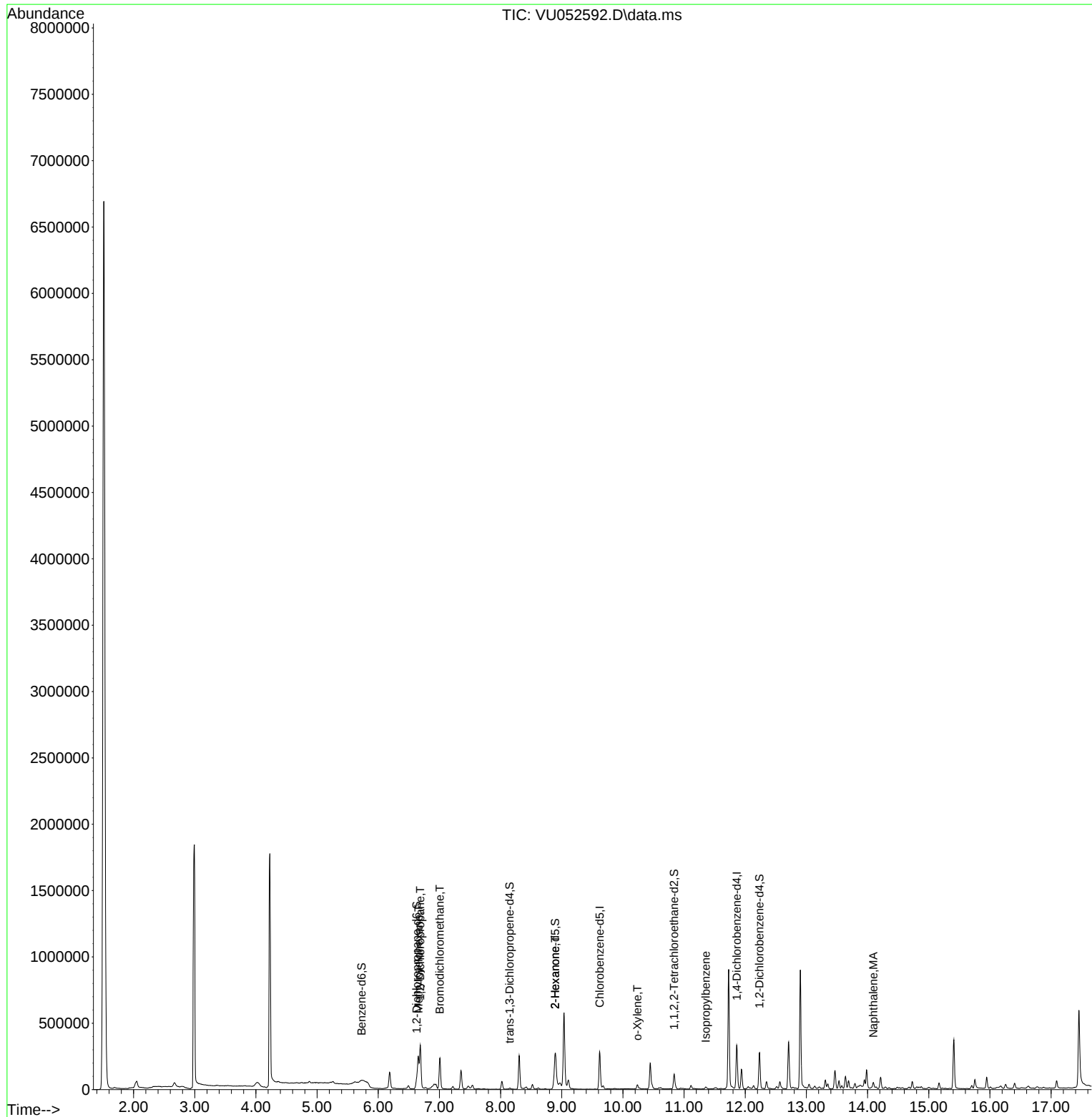
Internal Standards						
1) 1,4-Difluorobenzene	0.000	114	0	0.000	ug/L	-6.25
28) Chlorobenzene-d5	9.619	117	152674	5.000	ug/L	0.21
58) 1,4-Dichlorobenzene-d4	11.860	152	85392	5.000	ug/L	0.05
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.877	65	255	0.000	ug/L	0.28
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	0.000	69	0	0.000	ug/L	
Spiked Amount	5.000	Range	65 - 130	Recovery	=	0.000%#
11) 1,1-Dichloroethene-d2	2.575	65	95	0.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.000%#
20) 2-Butanone-d5	4.632	46	166	0.000	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.000%#
24) Chloroform-d	5.063	84	207	0.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.000%#
26) 1,2-Dichloroethane-d4	5.693	65	190	0.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.000%#
32) Benzene-d6	5.729	84	175	0.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.000%#
36) 1,2-Dichloropropane-d6	6.626	67	28587	1.587	ug/L	-0.06
Spiked Amount	5.000	Range	60 - 140	Recovery	=	31.800%#
41) Toluene-d8	0.000	98	0	0.000	ug/L	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.000%#
43) trans-1,3-Dichloroprop...	8.150	79	6385	1.035	ug/L	-0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	20.600%#
46) 2-Hexanone-d5	8.893	63	114167	33.821	ug/L	0.26
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.640%
56) 1,1,2,2-Tetrachloroeth...	10.838	84	65738	4.297	ug/L	0.09
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.233	152	68072	3.916	ug/L	0.04
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.400%#
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.658	83	6288	0.324	ug/L #	36
37) 1,2-Dichloropropane	6.687	63	9745	0.635	ug/L #	88
38) Bromodichloromethane	7.005	83	4233	0.227	ug/L #	24
48) 2-Hexanone	8.893	43	19642	2.324	ug/L #	70
54) o-Xylene	10.237	106	8308	0.431	ug/L	87
60) Isopropylbenzene	11.356	105	7959	0.144	ug/L	95
71) Naphthalene	14.095	128	31092	0.903	ug/L	97

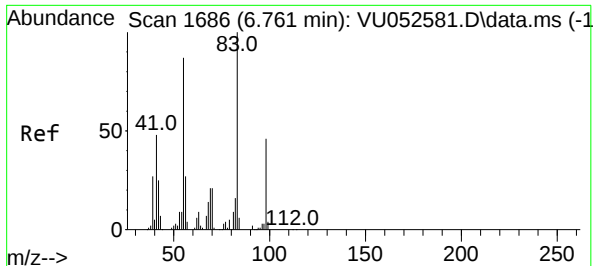
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 29 00:24:48 2022
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#35

Methylcyclohexane

Concen: 0.324 ug/L

RT: 6.658 min Scan# 1654

Delta R.T. -0.103 min

Lab File: VU052592.D

Acq: 28 Dec 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

GBQD4

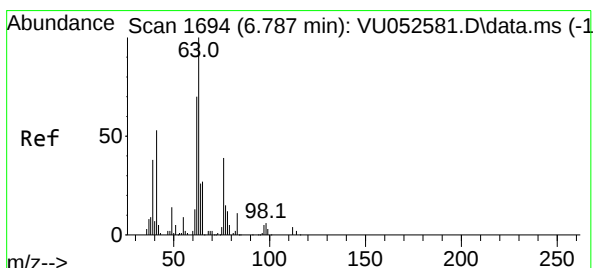
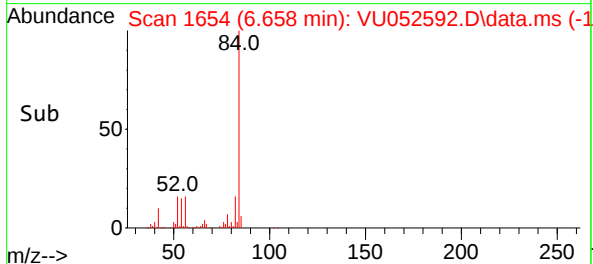
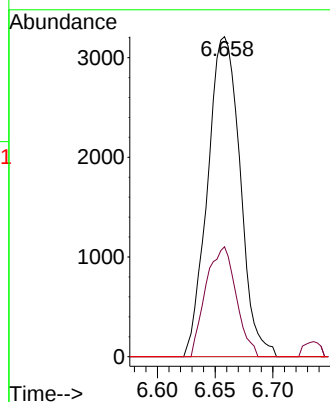
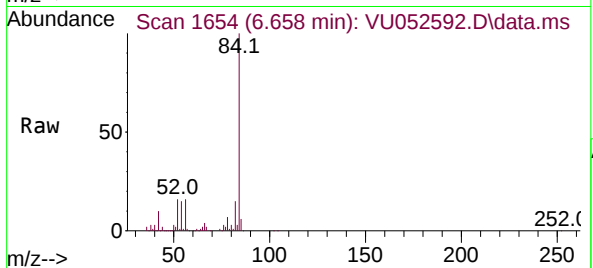
Tgt Ion: 83 Resp: 6288

Ion Ratio Lower Upper

83 100

55 31.9 71.4 107.0#

98 0.0 36.5 54.7#



#37

1,2-Dichloropropane

Concen: 0.635 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU052592.D

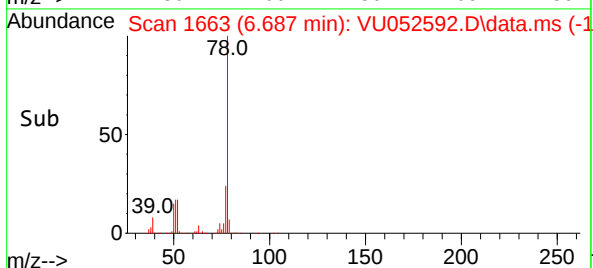
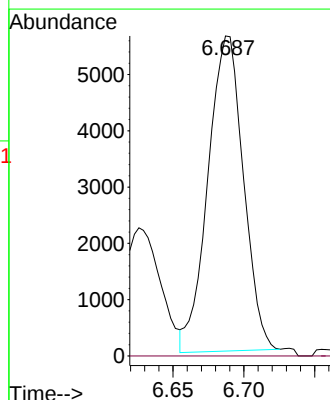
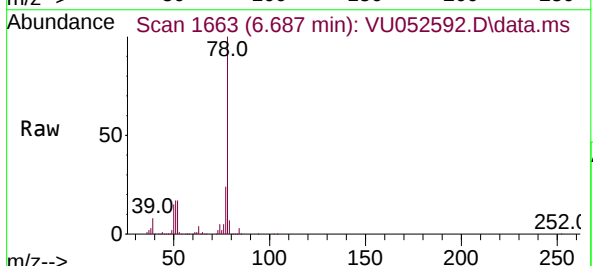
Acq: 28 Dec 2022 16:38

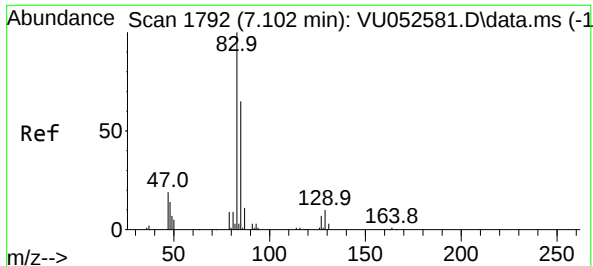
Tgt Ion: 63 Resp: 9745

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#

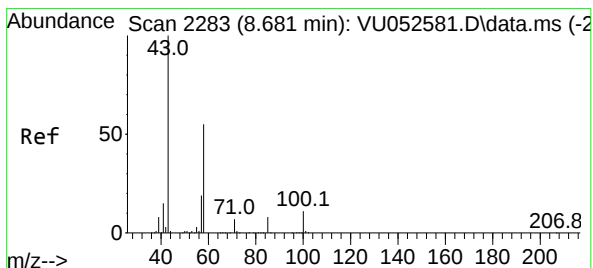
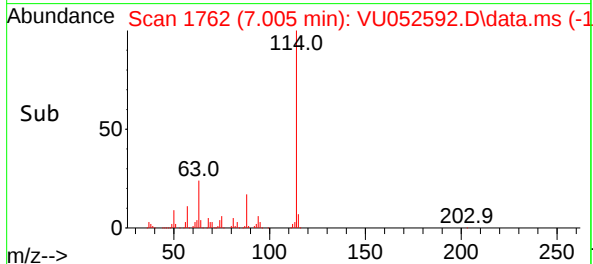
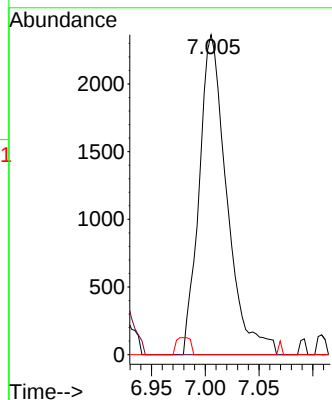
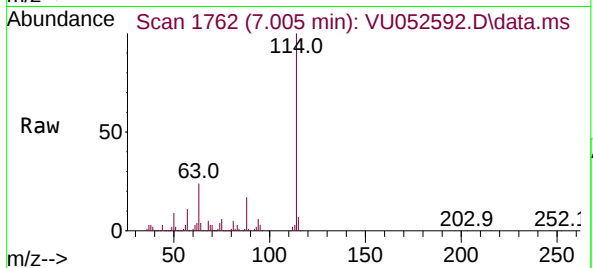




#38
Bromodichloromethane
Concen: 0.227 ug/L
RT: 7.005 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU052592.D
Acq: 28 Dec 2022 16:38

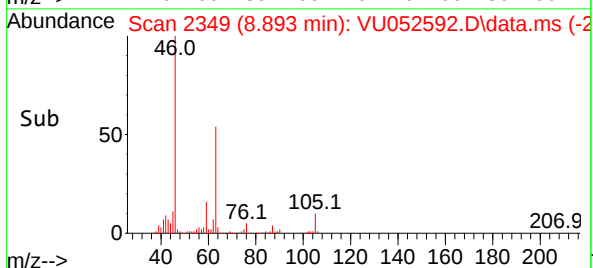
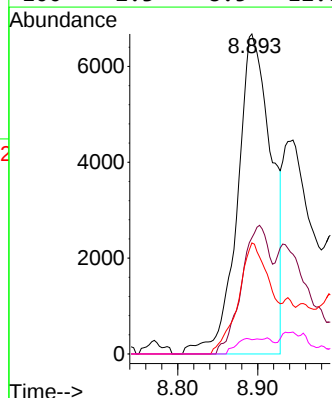
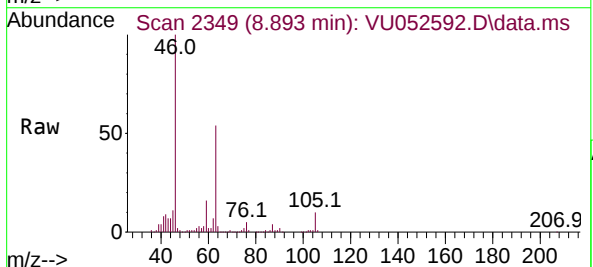
Instrument :
MSVOA_U
ClientSampleId :
GBQD4

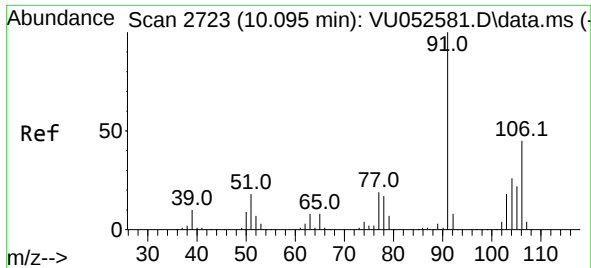
Tgt Ion: 83 Resp: 4233
Ion Ratio Lower Upper
83 100
85 0.0 45.2 84.0#
127 0.0 5.8 8.6#



#48
2-Hexanone
Concen: 2.324 ug/L
RT: 8.893 min Scan# 2349
Delta R.T. 0.212 min
Lab File: VU052592.D
Acq: 28 Dec 2022 16:38

Tgt Ion: 43 Resp: 19642
Ion Ratio Lower Upper
43 100
58 33.4 44.1 66.1#
57 32.7 14.6 21.8#
100 2.3 8.5 12.7#

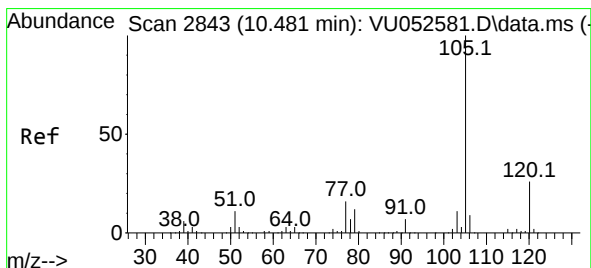
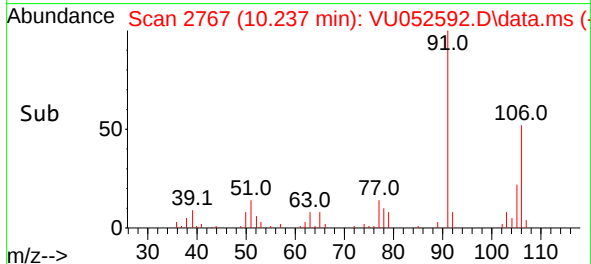
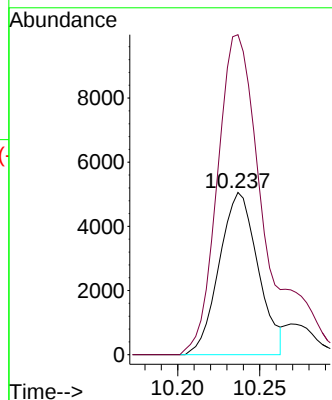
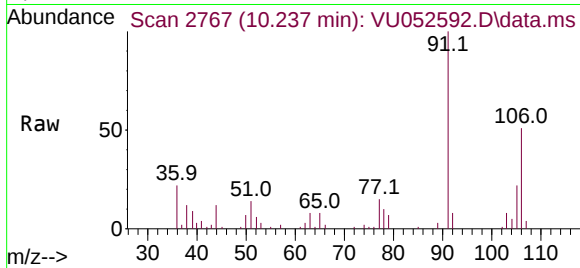




#54
o-Xylene
Concen: 0.431 ug/L
RT: 10.237 min Scan# 2115
Delta R.T. 0.141 min
Lab File: VU052592.D
Acq: 28 Dec 2022 16:38

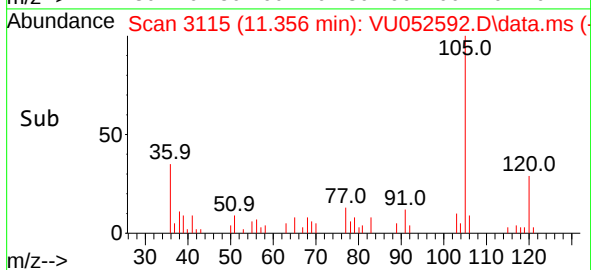
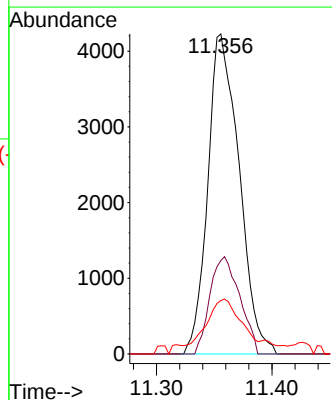
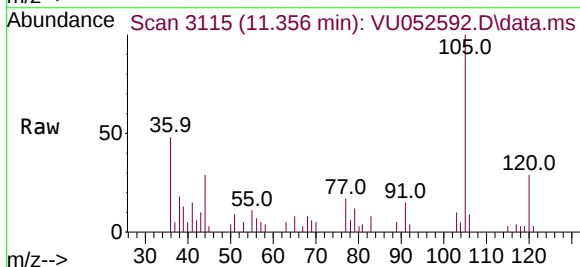
Instrument :
MSVOA_U
ClientSampleId :
GBQD4

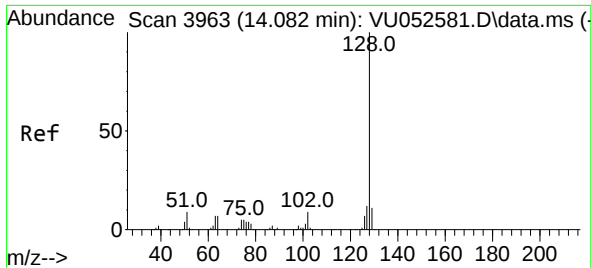
Tgt Ion:106 Resp: 8308
Ion Ratio Lower Upper
106 100
91 197.3 153.2 284.4



#60
Isopropylbenzene
Concen: 0.144 ug/L
RT: 11.356 min Scan# 3115
Delta R.T. 0.875 min
Lab File: VU052592.D
Acq: 28 Dec 2022 16:38

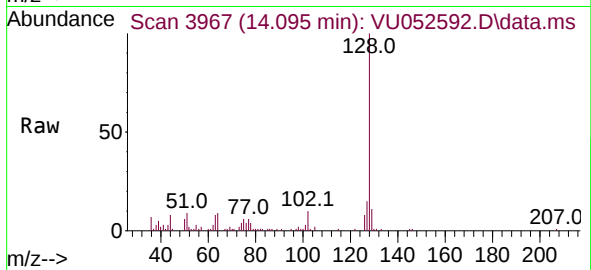
Tgt Ion:105 Resp: 7959
Ion Ratio Lower Upper
105 100
120 28.9 20.6 31.0
77 15.5 13.8 20.8





#71
Naphthalene
Concen: 0.903 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.013 min
Lab File: VU052592.D
Acq: 28 Dec 2022 16:38

Instrument :
MSVOA_U
ClientSampleId :
GBQD4



Tgt Ion:	128	Resp:	31092
Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.7	13.1
127	13.1	10.6	16.0

