

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047170.D
 Acq On : 16 Feb 2022 18:51
 Operator : SY/MD
 Sample : N1558-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M61

Quant Time: Feb 17 04:07:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

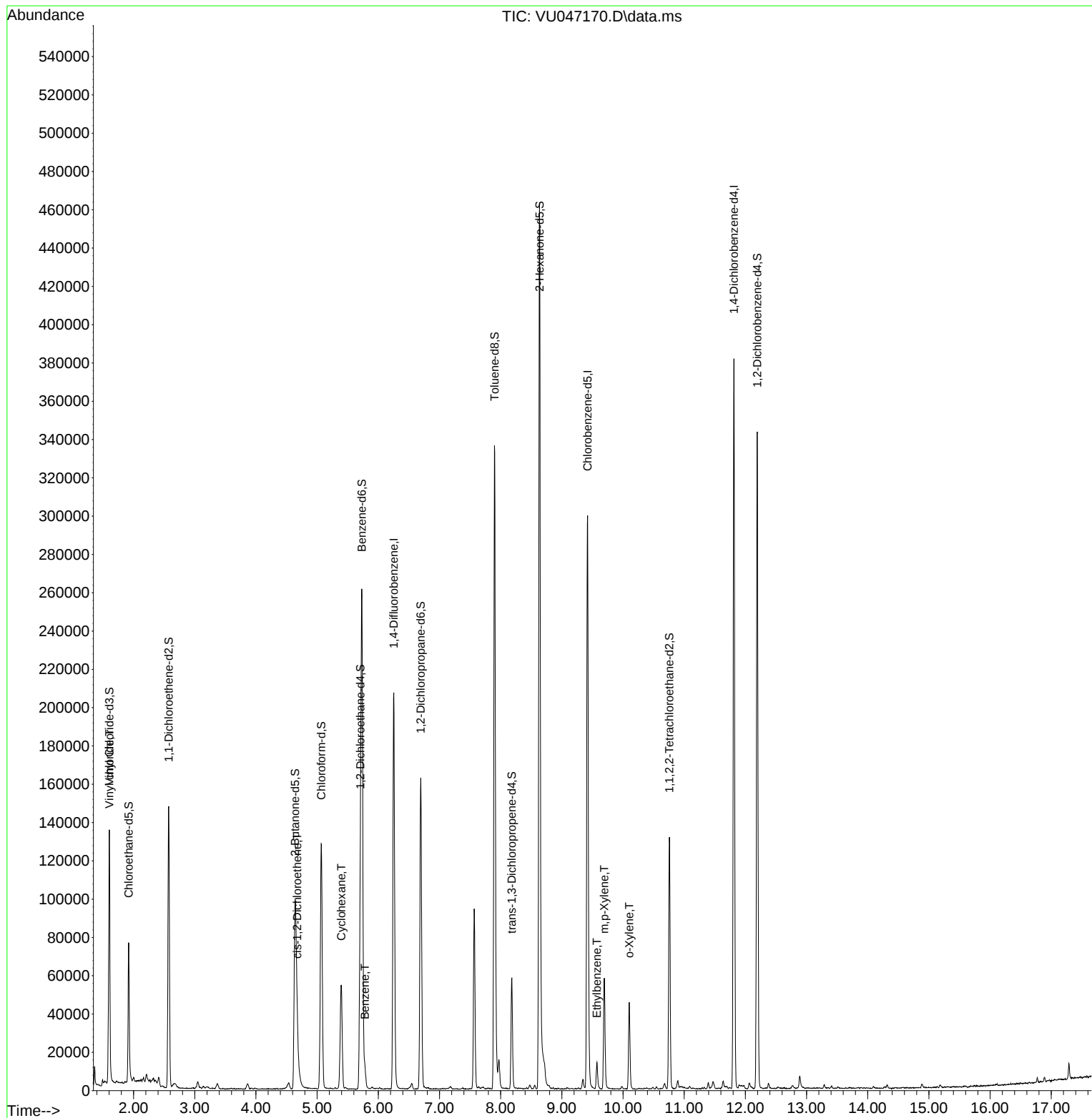
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	179227	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	181568	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101739	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	69493	4.591	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.919	69	56059	4.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.575	65	27745	4.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.642	46	193303	53.428	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.860%
24) Chloroform-d	5.070	84	118232	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.707	65	66078	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.732	84	248908	4.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.694	67	79281	4.911	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.899	98	236020	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.182	79	32744	4.475	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.636	63	172132	44.674	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	66286	4.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	91650	5.021	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
5) Vinyl chloride	1.607	62	25311	1.524	ug/L	99
22) cis-1,2-Dichloroethene	4.675	96	2627	0.189	ug/L	87
30) Cyclohexane	5.395	56	28866	1.345	ug/L	98
33) Benzene	5.781	78	9681	0.188	ug/L	100
52) Ethylbenzene	9.575	91	10795	0.172	ug/L	99
53) m,p-Xylene	9.694	106	17447	0.706	ug/L	97
54) o-Xylene	10.102	106	12776	0.531	ug/L	99

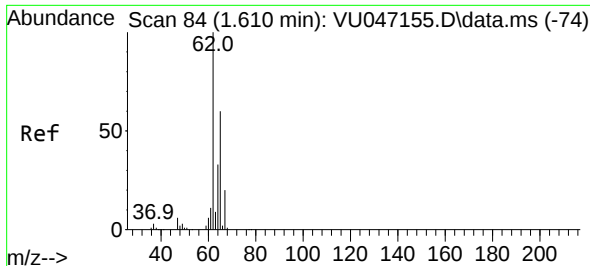
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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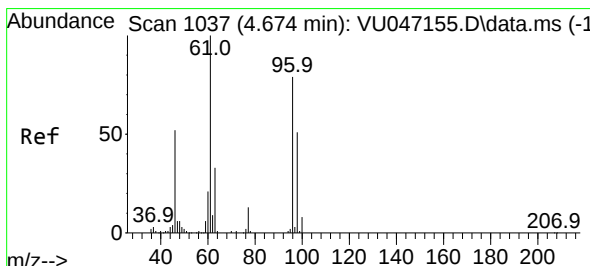
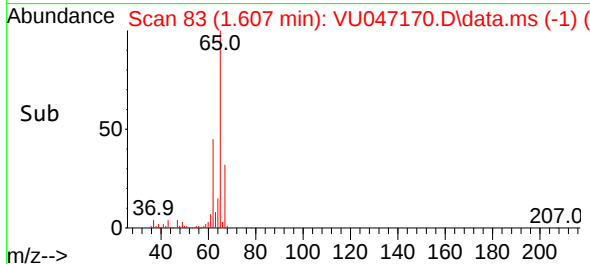
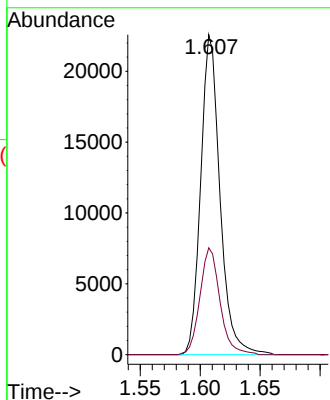
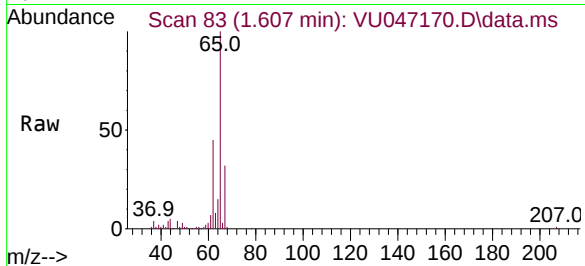




#5
 Vinyl chloride
 Concen: 1.524 ug/L
 RT: 1.607 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VU047170.D
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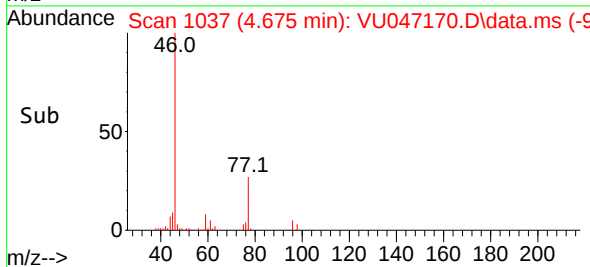
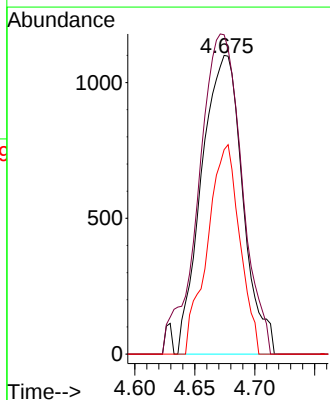
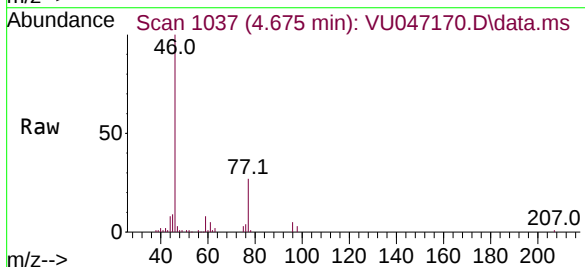
Instrument :
 MSVOA_U
 ClientSampleId :
 F4M61

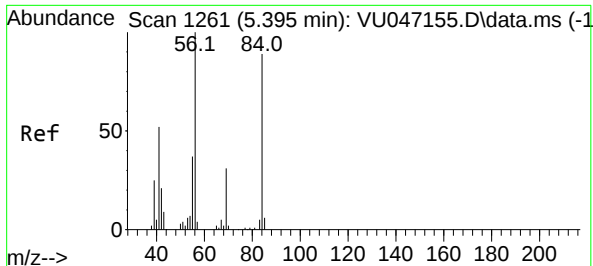
Tgt Ion: 62 Resp: 25311
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.9 42.5



#22
 cis-1,2-Dichloroethene
 Concen: 0.189 ug/L
 RT: 4.675 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU047170.D
 Acq: 16 Feb 2022 18:51

Tgt Ion: 96 Resp: 2627
 Ion Ratio Lower Upper
 96 100
 61 106.9 88.5 164.3
 98 68.5 44.4 82.5





#30

Cyclohexane

Concen: 1.345 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047170.D

Acq: 16 Feb 2022 18:51

Instrument :

MSVOA_U

ClientSampleId :

F4M61

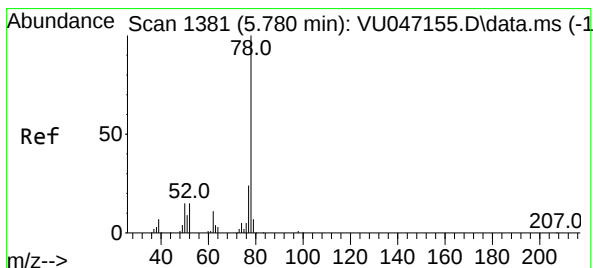
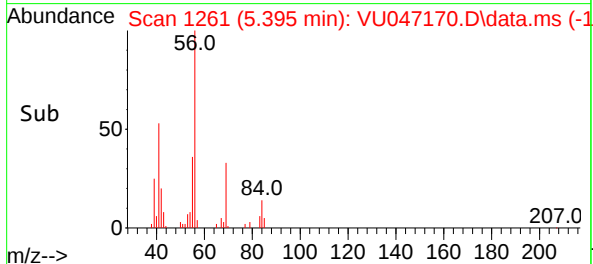
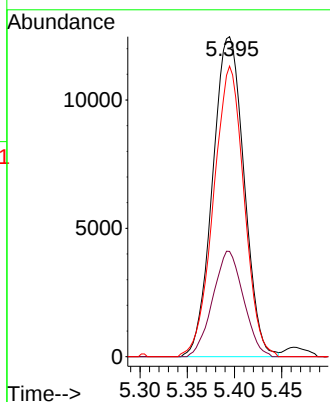
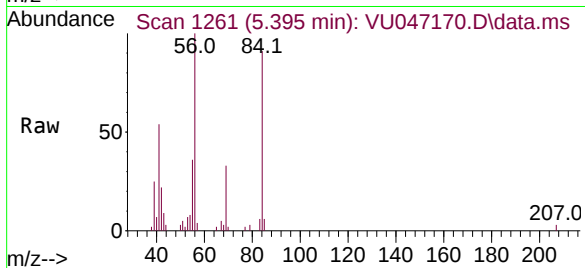
Tgt Ion: 56 Resp: 28866

Ion Ratio Lower Upper

56 100

69 32.1 24.7 37.1

84 88.2 71.8 107.6



#33

Benzene

Concen: 0.188 ug/L

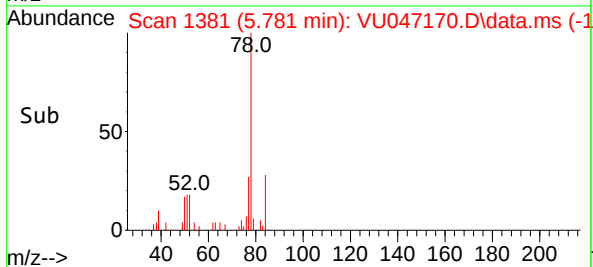
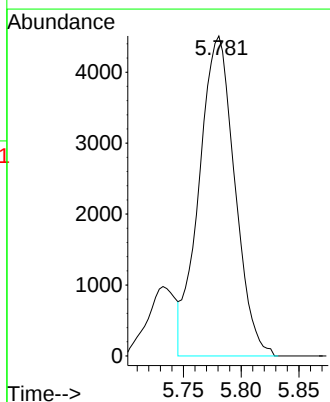
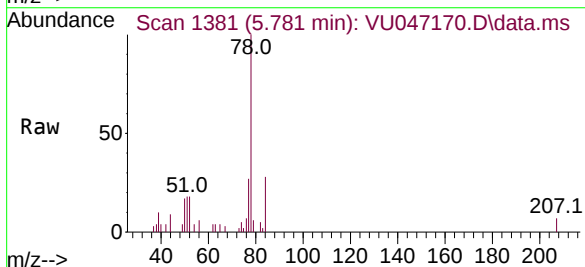
RT: 5.781 min Scan# 1381

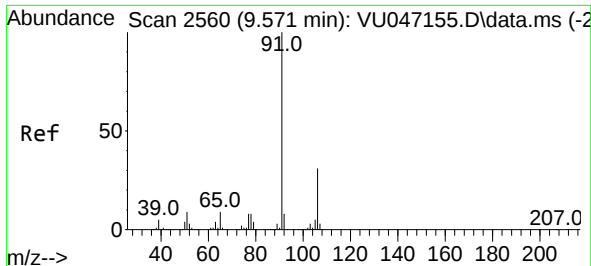
Delta R.T. 0.000 min

Lab File: VU047170.D

Acq: 16 Feb 2022 18:51

Tgt Ion: 78 Resp: 9681





#52

Ethylbenzene

Concen: 0.172 ug/L

RT: 9.575 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU047170.D

Acq: 16 Feb 2022 18:51

Instrument :

MSVOA_U

ClientSampleId :

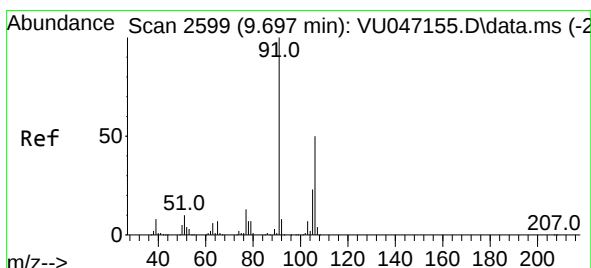
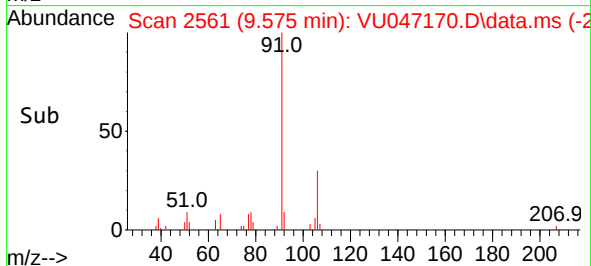
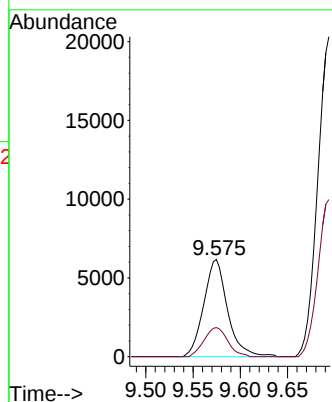
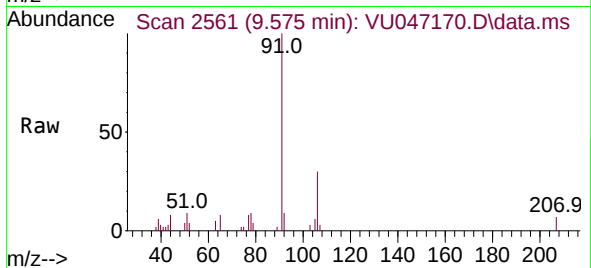
F4M61

Tgt Ion: 91 Resp: 10795

Ion Ratio Lower Upper

91 100

106 29.9 21.5 39.9



#53

m,p-Xylene

Concen: 0.706 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU047170.D

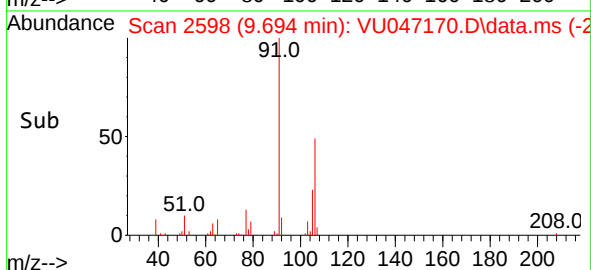
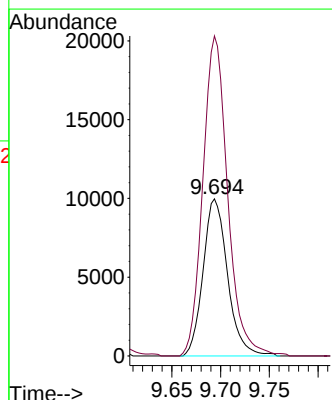
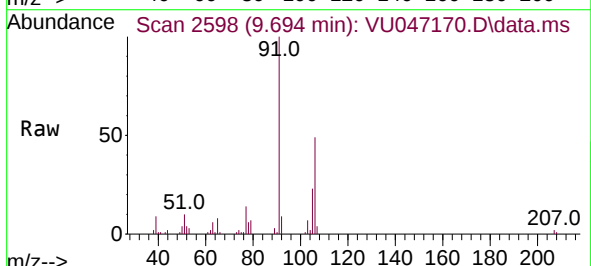
Acq: 16 Feb 2022 18:51

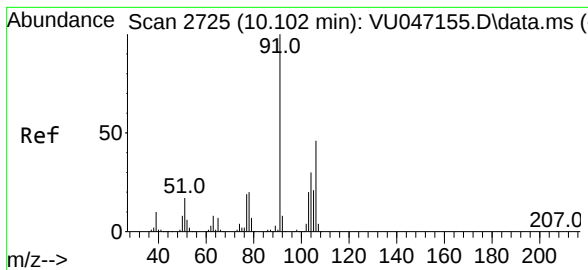
Tgt Ion: 106 Resp: 17447

Ion Ratio Lower Upper

106 100

91 203.7 139.4 259.0





#54
o-Xylene
Concen: 0.531 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047170.D
Acq: 16 Feb 2022 18:51

Instrument :
MSVOA_U
ClientSampleId :
F4M61

Tgt Ion:106 Resp: 12776
Ion Ratio Lower Upper
106 100
91 212.9 147.5 273.9

