

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046179.D
 Acq On : 08 Dec 2021 16:34
 Operator : SY/MD
 Sample : M4887-14ME
 Misc : 3.64g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EX8C8ME

Quant Time: Dec 09 03:20:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

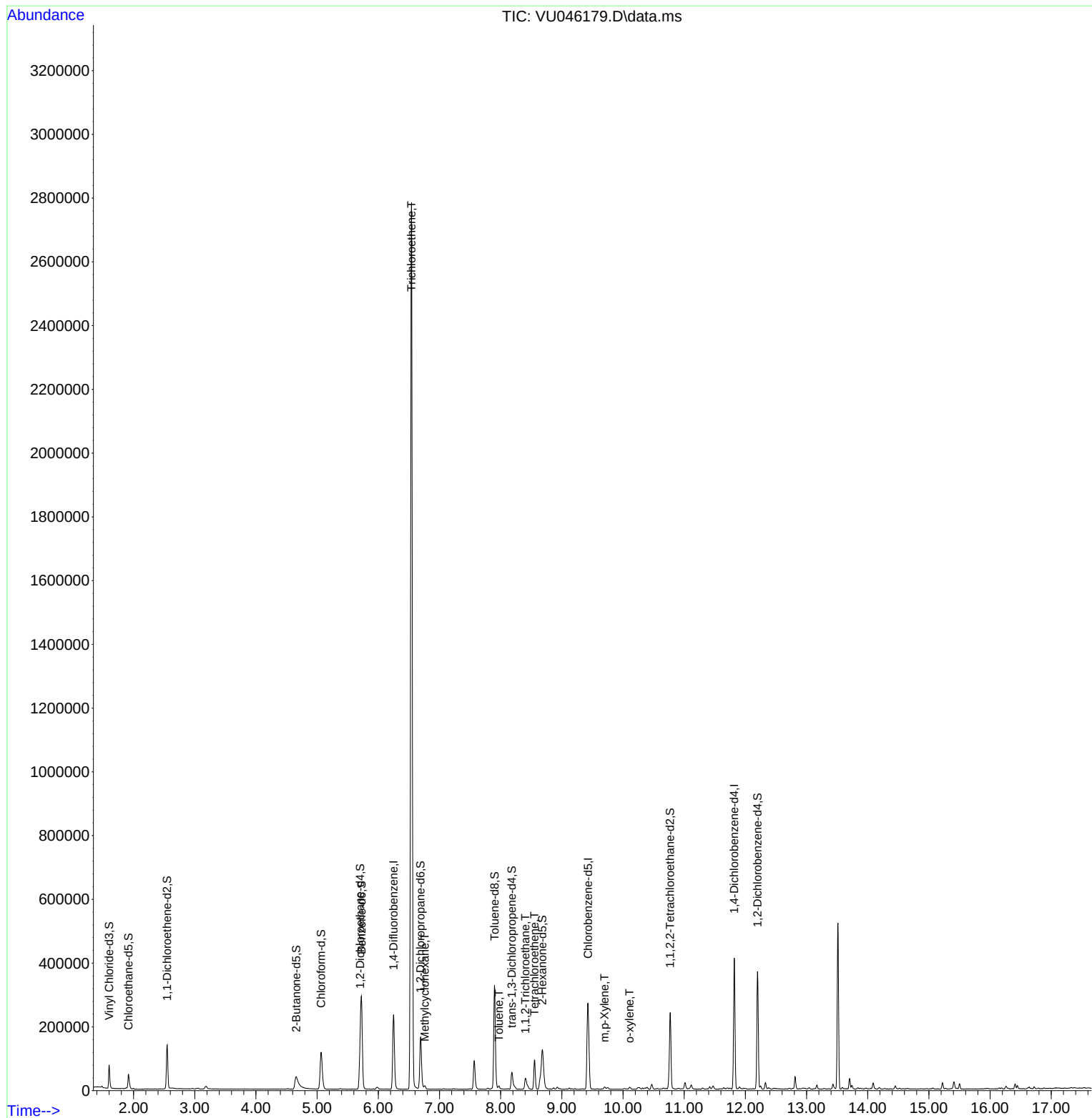
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	216265	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	210462	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	109392	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	61798	34.689	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.380%
7) Chloroethane-d5	1.916	69	43414	31.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.480%#
11) 1,1-Dichloroethene-d2	2.549	63	82458	25.784	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.560%#
21) 2-Butanone-d5	4.658	46	115355	81.454	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.450%
24) Chloroform-d	5.067	84	114546	38.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.000%
26) 1,2-Dichloroethane-d4	5.703	65	82493	41.318	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.640%
32) Benzene-d6	5.726	84	265525	44.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.040%
36) 1,2-Dichloropropane-d6	6.690	67	84099	44.985	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.980%
41) Toluene-d8	7.899	98	240373	43.765	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.540%
43) trans-1,3-Dichloroprop...	8.182	79	42236	46.801	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.600%
47) 2-Hexanone-d5	8.681	63	84529	95.363	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.360%
56) 1,1,2,2-Tetrachloroeth...	10.771	84	120830	42.619	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.240%
66) 1,2-Dichlorobenzene-d4	12.198	152	98306	46.664	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.320%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.542	95	982453	585.457	ug/L	98
35) Methylcyclohexane	6.761	83	5050	1.941	ug/L	96
42) Toluene	7.973	91	8865	1.297	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	17457	10.428	ug/L	97
46) Tetrachloroethene	8.552	164	21634	17.543	ug/L	94
53) m,p-Xylene	9.697	106	2571	0.896	ug/L	87
54) o-xylene	10.108	106	2054	0.738	ug/L	93

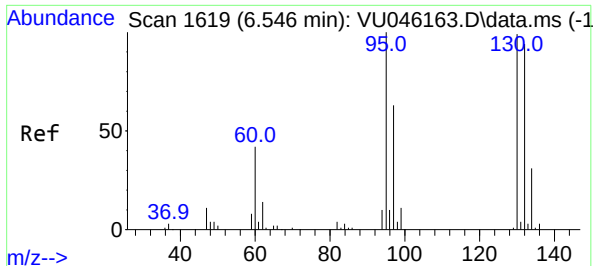
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration





#34

Trichloroethene

Concen: 585.457 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046179.D

Acq: 08 Dec 2021 16:34

Instrument :

MSVOA_U

ClientSampleId :

EX8C8ME

Tgt Ion: 95 Resp: 982453

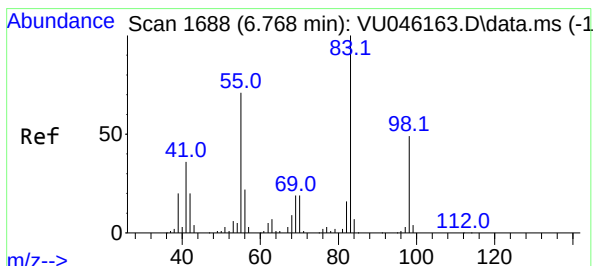
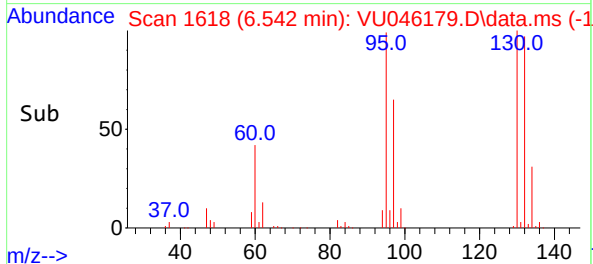
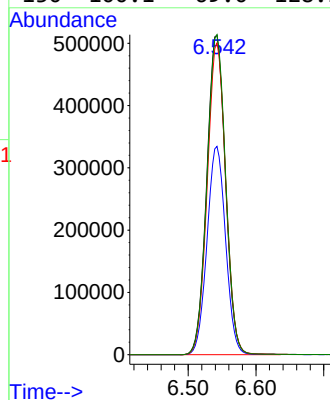
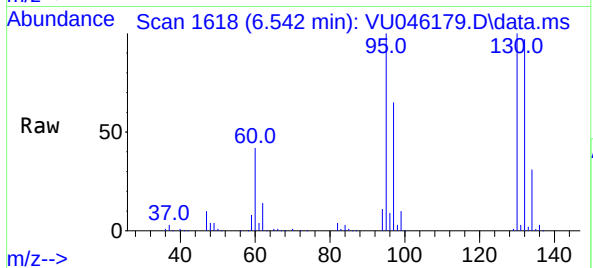
Ion Ratio Lower Upper

95 100

97 65.2 44.1 81.9

132 97.5 66.8 124.0

130 100.1 69.0 128.1



#35

Methylcyclohexane

Concen: 1.941 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. -0.006 min

Lab File: VU046179.D

Acq: 08 Dec 2021 16:34

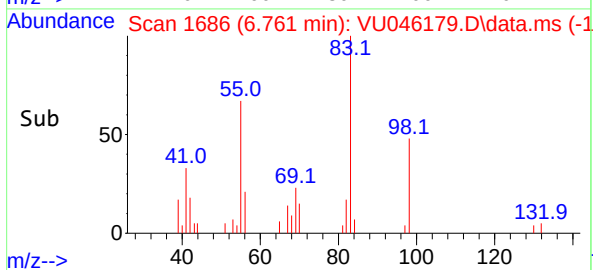
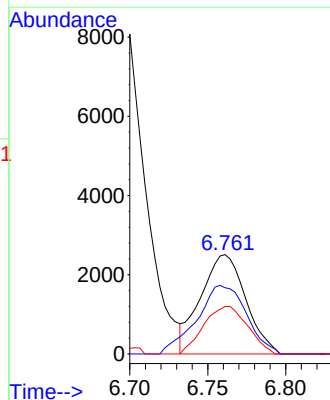
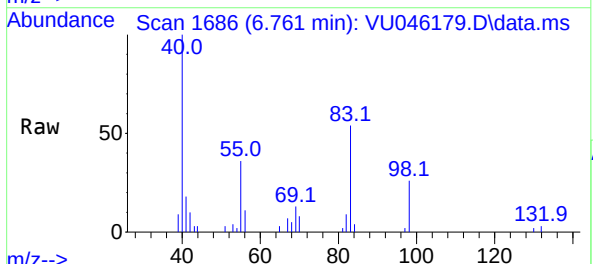
Tgt Ion: 83 Resp: 5050

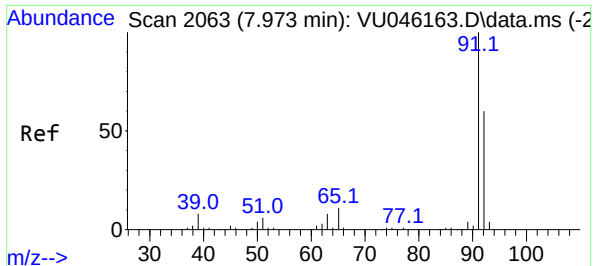
Ion Ratio Lower Upper

83 100

55 76.0 57.8 86.6

98 46.5 38.4 57.6





#42

Toluene

Concen: 1.297 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU046179.D

Acq: 08 Dec 2021 16:34

Instrument :

MSVOA_U

ClientSampleId :

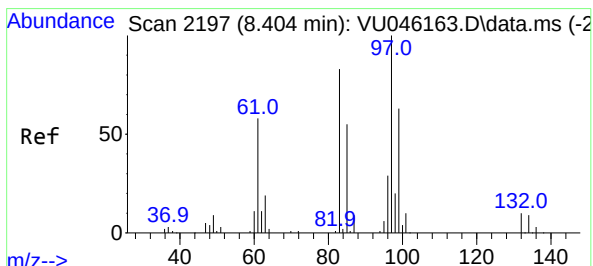
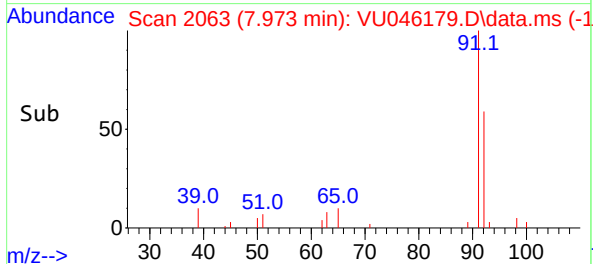
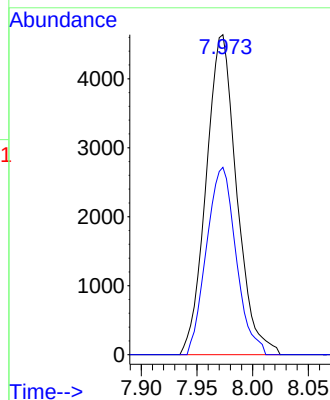
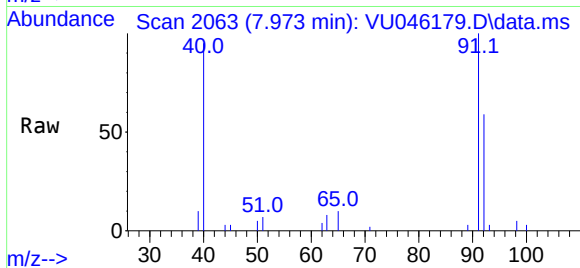
EX8C8ME

Tgt Ion: 91 Resp: 8865

Ion Ratio Lower Upper

91 100

92 58.5 41.9 77.7



#45

1,1,2-Trichloroethane

Concen: 10.428 ug/L

RT: 8.404 min Scan# 2197

Delta R.T. -0.000 min

Lab File: VU046179.D

Acq: 08 Dec 2021 16:34

Tgt Ion: 97 Resp: 17457

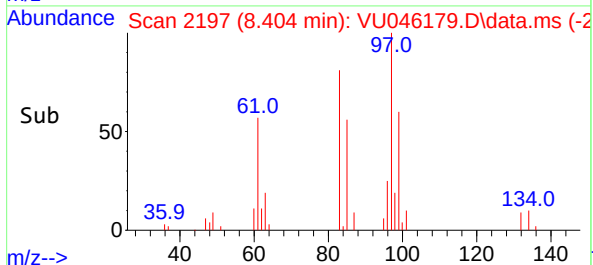
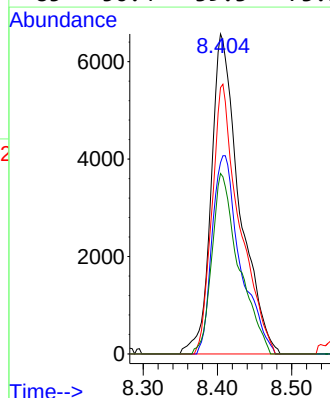
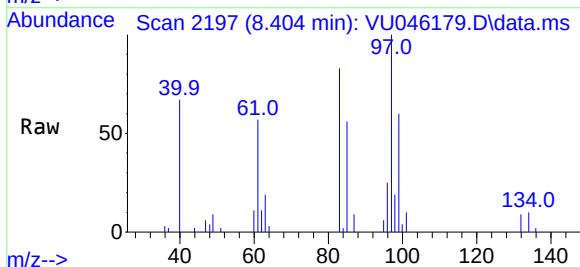
Ion Ratio Lower Upper

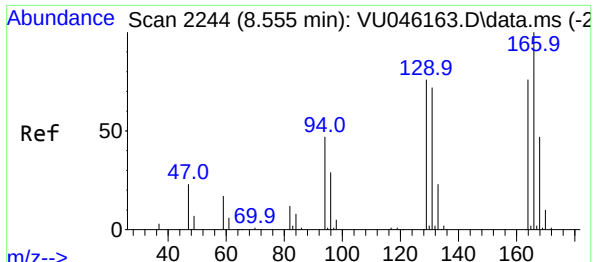
97 100

99 59.8 44.7 82.9

83 83.2 60.2 111.8

85 56.4 39.3 73.1

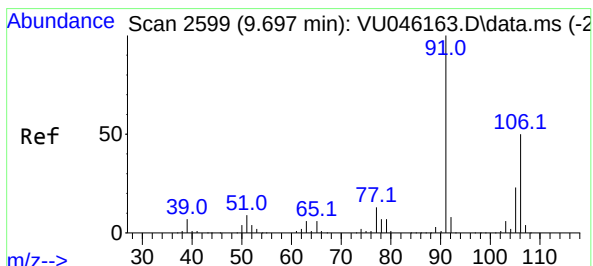
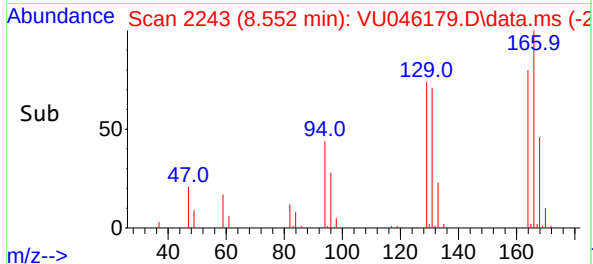
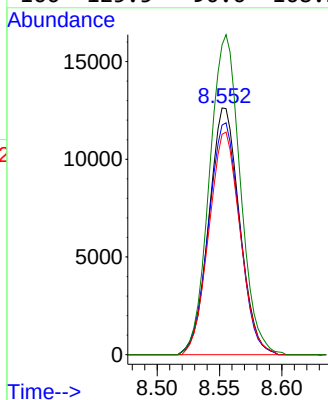
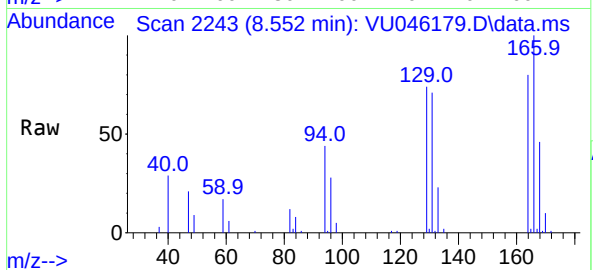




#46
Tetrachloroethene
Concen: 17.543 ug/L
RT: 8.552 min Scan# 21634
Delta R.T. -0.003 min
Lab File: VU046179.D
Acq: 08 Dec 2021 16:34

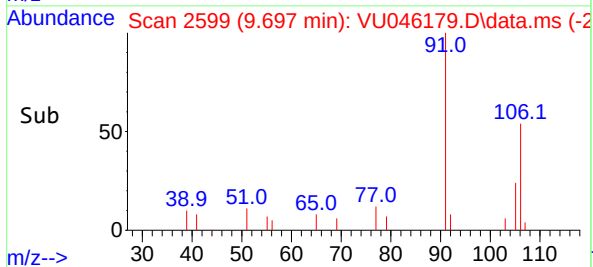
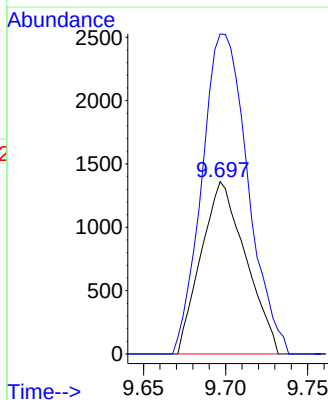
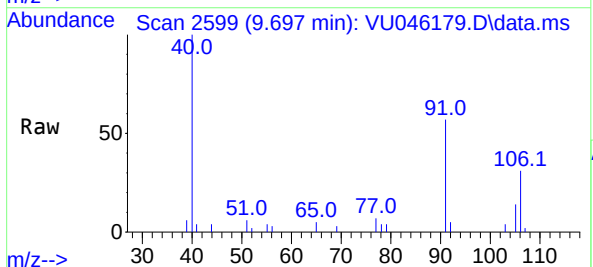
Instrument :
MSVOA_U
ClientSampleId :
EX8C8ME

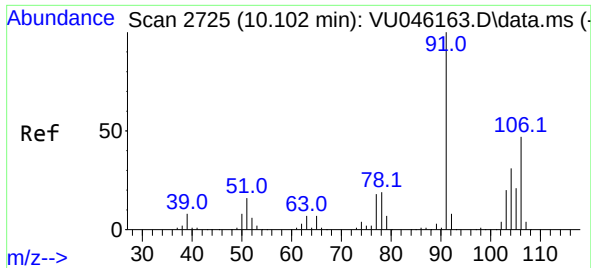
Tgt Ion:164 Resp: 21634
Ion Ratio Lower Upper
164 100
129 93.1 71.1 132.1
131 89.3 67.8 126.0
166 125.5 90.6 168.2



#53
m,p-Xylene
Concen: 0.896 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046179.D
Acq: 08 Dec 2021 16:34

Tgt Ion:106 Resp: 2571
Ion Ratio Lower Upper
106 100
91 185.7 144.3 268.1





#54
 o-xylene
 Concen: 0.738 ug/L
 RT: 10.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU046179.D
 Acq: 08 Dec 2021 16:34

Instrument :
 MSVOA_U
 ClientSampleId :
 EX8C8ME

Tgt Ion:106 Resp: 2054
 Ion Ratio Lower Upper
 106 100
 91 231.6 154.2 286.4

