

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092021\
 Data File : VU044708.D
 Acq On : 20 Sep 2021 14:51
 Operator : SY/MD
 Sample : M3790-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CM1

Quant Time: Sep 21 02:49:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 21 02:46:41 2021
 Response via : Initial Calibration

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

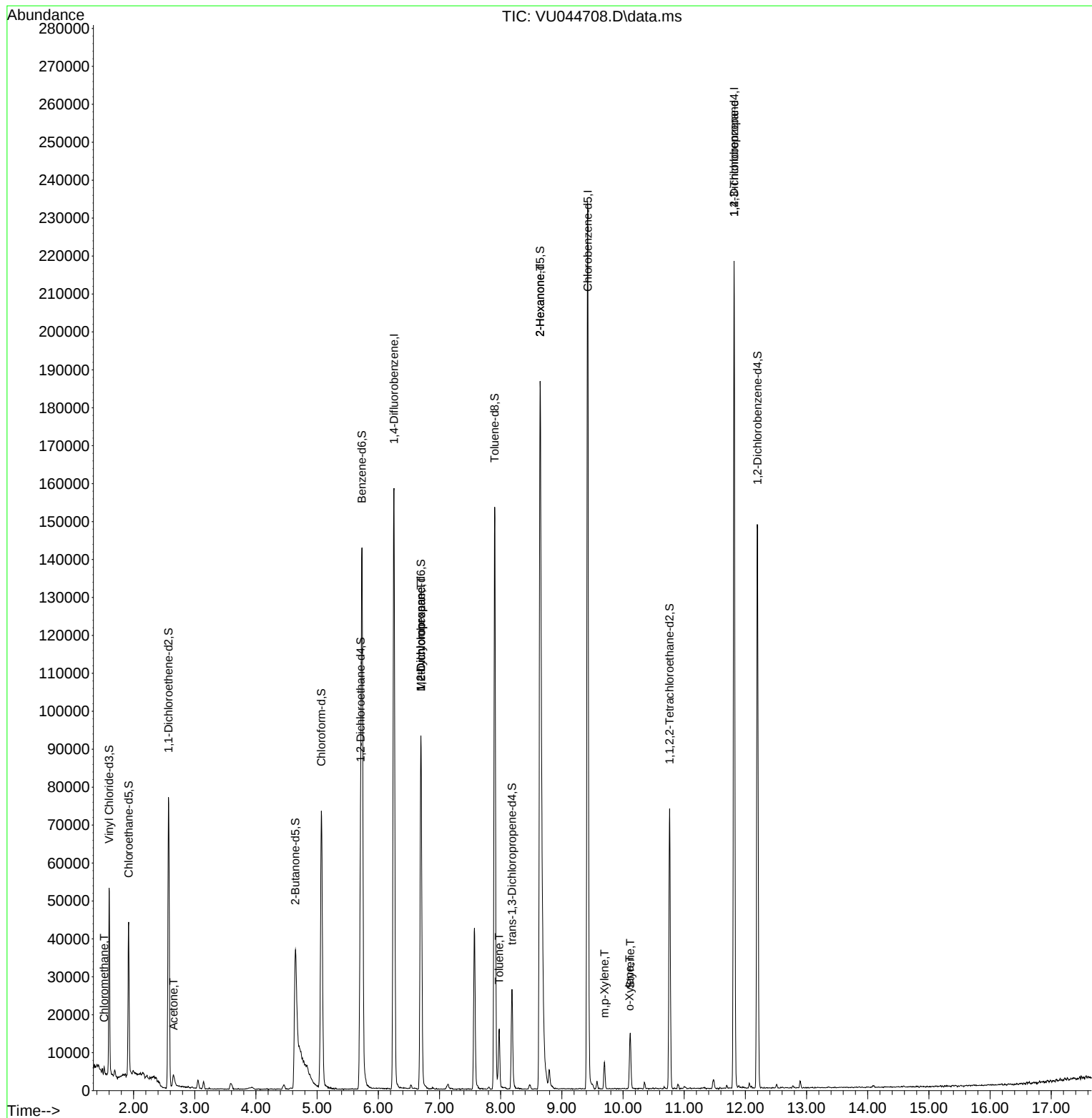
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	121146	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	121088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	51001	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33248	4.651	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.919	69	28826	3.952	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.572	65	15015	4.159	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.645	46	90732	30.280	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.560%
24) Chloroform-d	5.070	84	64545	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.710	65	39142	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.732	84	125179	4.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.697	67	43599	4.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.902	98	99251	3.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.185	79	14915	4.173	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.645	63	93631	40.759	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.520%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	37747	4.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	36570	4.346	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1180	0.102	ug/L	93
13) Acetone	2.652	43	6055	3.103	ug/L	73
35) Methylcyclohexane	6.697	83	10011	0.685	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	4995	0.519	ug/L #	88
42) Toluene	7.976	91	10777	0.287	ug/L	93
48) 2-Hexanone	8.645	43	10637	1.907	ug/L #	68
53) m,p-Xylene	9.697	106	2122	0.137	ug/L	92
54) o-Xylene	10.105	106	827	0.056	ug/L	97
55) Styrene	10.118	104	6758	0.261	ug/L	94
61) 1,2,3-Trichloropropane	11.816	75	7838	1.391	ug/L #	68

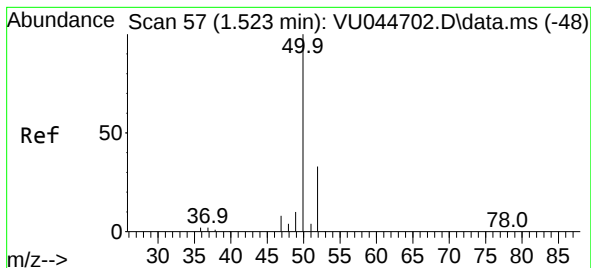
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.102 ug/L

RT: 1.520 min Scan# 56

Delta R.T. -0.003 min

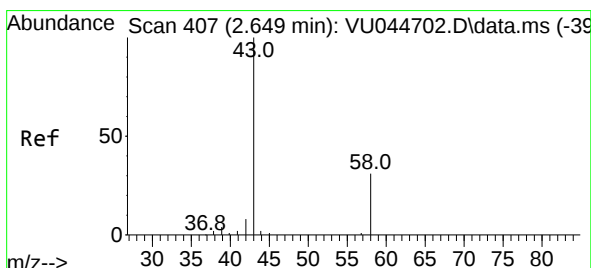
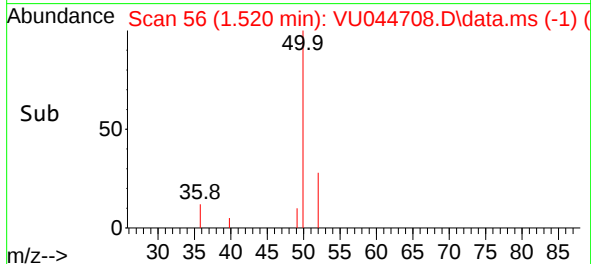
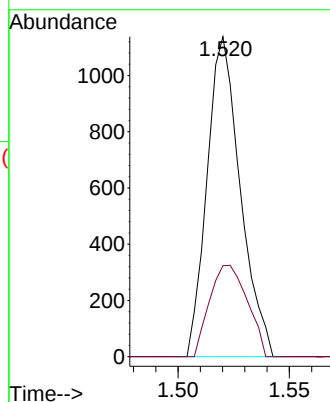
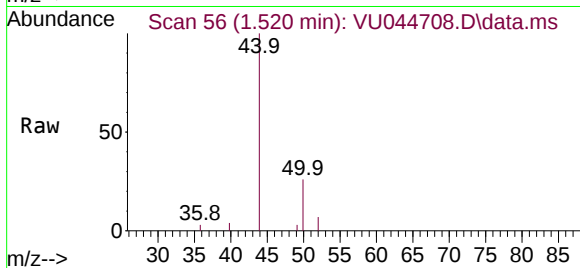
Lab File: VU044708.D

Acq: 20 Sep 2021 14:51

Tgt Ion: 50 Resp: 1180

Ion	Ratio	Lower	Upper
50	100		
52	28.5	22.6	42.0

Instrument :
MSVOA_U
ClientSampled :
C0CM1



#13

Acetone

Concen: 3.103 ug/L

RT: 2.652 min Scan# 408

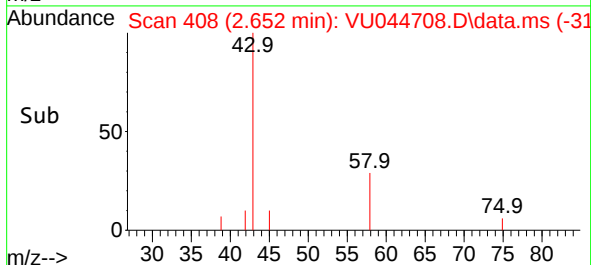
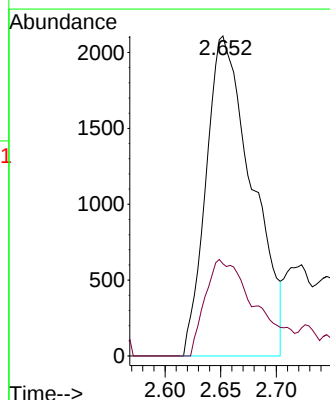
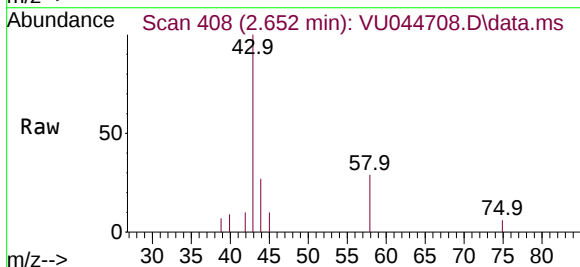
Delta R.T. 0.003 min

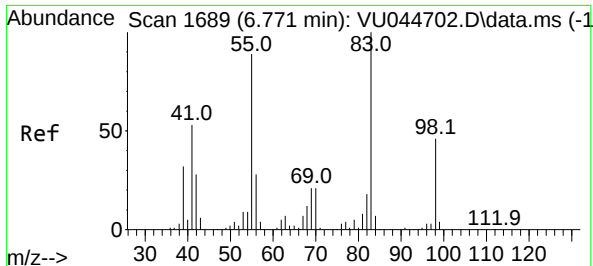
Lab File: VU044708.D

Acq: 20 Sep 2021 14:51

Tgt Ion: 43 Resp: 6055

Ion	Ratio	Lower	Upper
43	100		
58	33.8	0.0	42.4

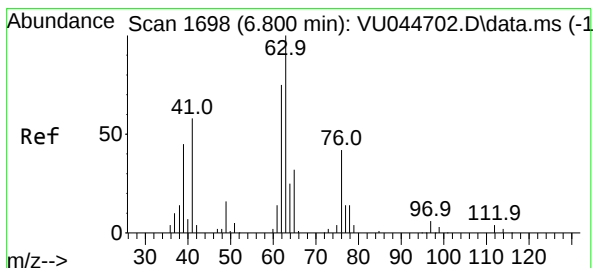
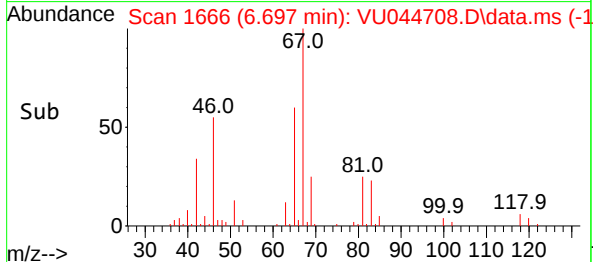
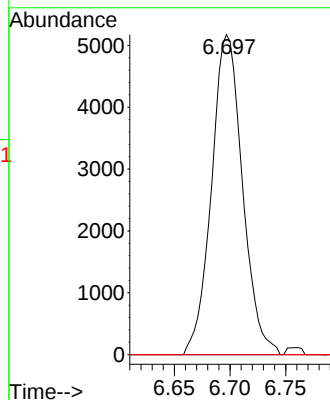
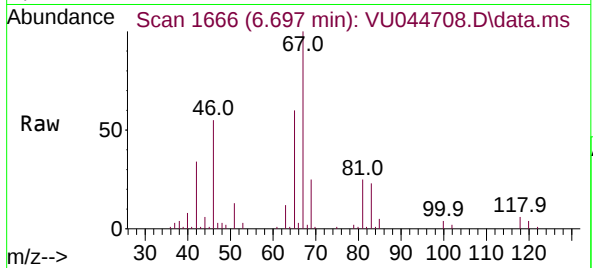




#35
Methylcyclohexane
Concen: 0.685 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044708.D
Acq: 20 Sep 2021 14:51

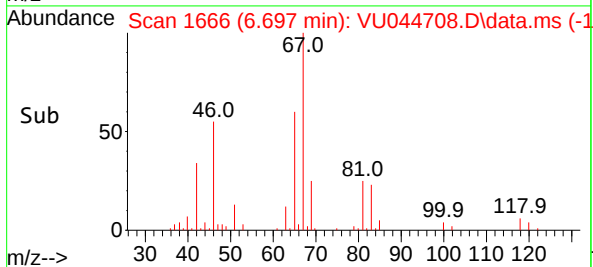
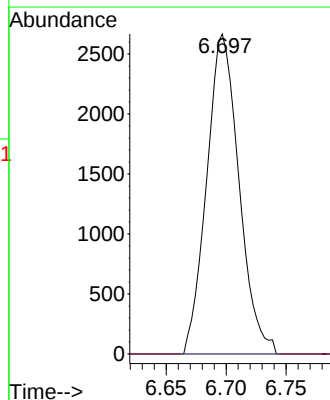
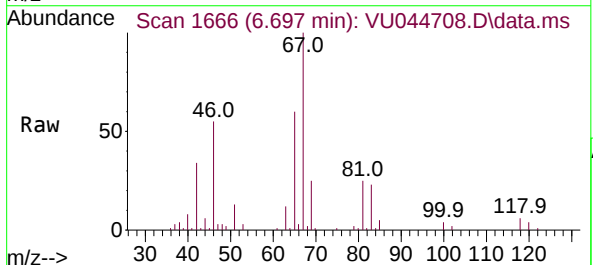
Instrument :
MSVOA_U
ClientSampled :
C0CM1

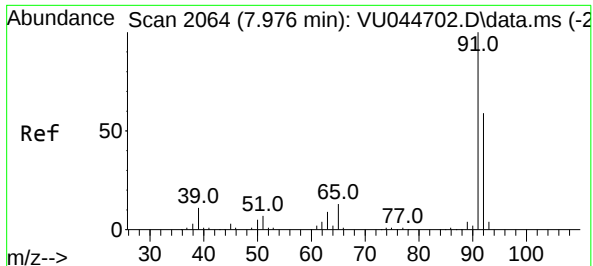
Tgt Ion: 83 Resp: 10011
Ion Ratio Lower Upper
83 100
55 0.0 68.3 102.5#
98 0.5 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.519 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU044708.D
Acq: 20 Sep 2021 14:51

Tgt Ion: 63 Resp: 4995
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

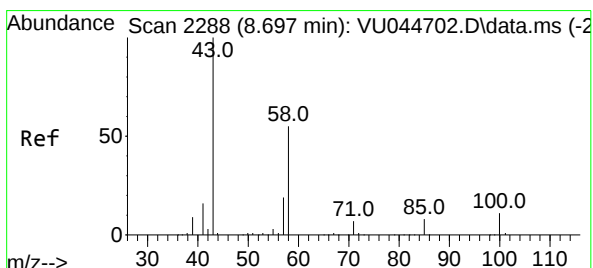
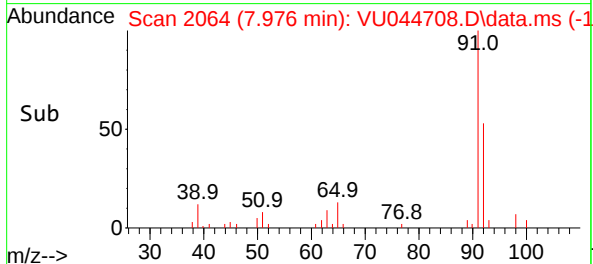
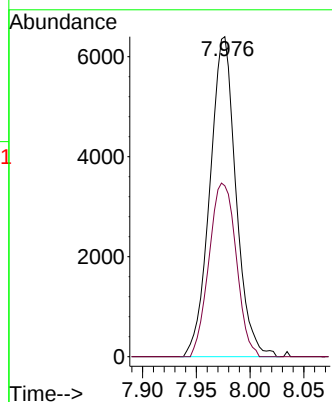
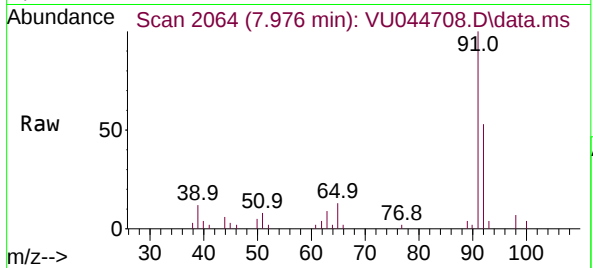




#42
Toluene
Concen: 0.287 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044708.D
Acq: 20 Sep 2021 14:51

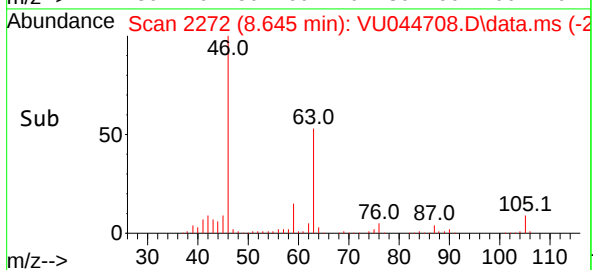
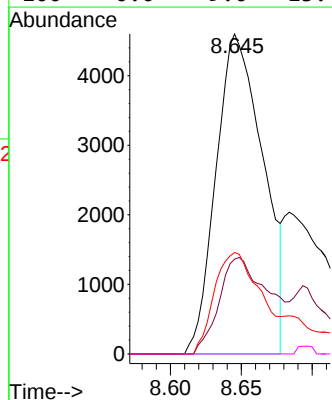
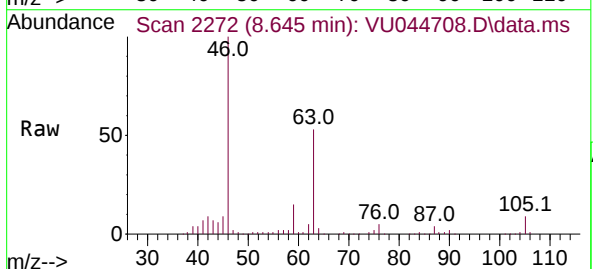
Instrument :
MSVOA_U
ClientSampled :
C0CM1

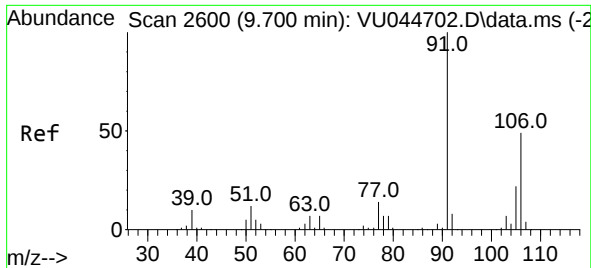
Tgt Ion: 91 Resp: 10777
Ion Ratio Lower Upper
91 100
92 53.4 41.1 76.3



#48
2-Hexanone
Concen: 1.907 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU044708.D
Acq: 20 Sep 2021 14:51

Tgt Ion: 43 Resp: 10637
Ion Ratio Lower Upper
43 100
58 31.7 44.6 66.8#
57 31.4 14.8 22.2#
100 0.0 9.0 13.4#

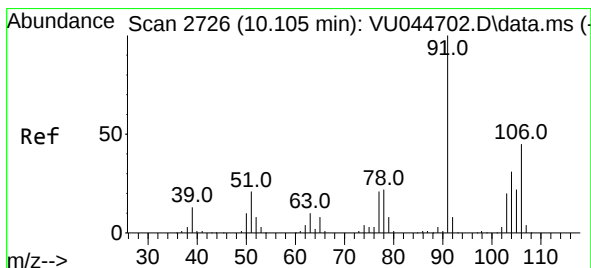
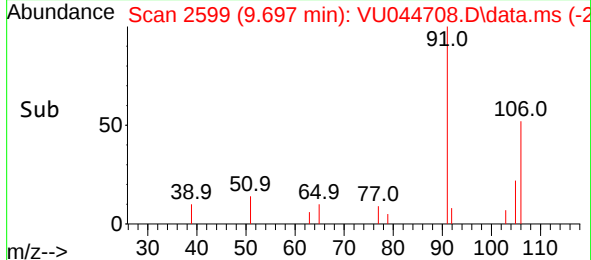
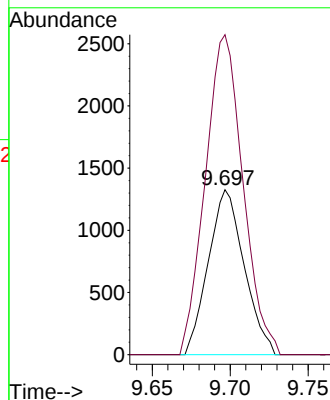
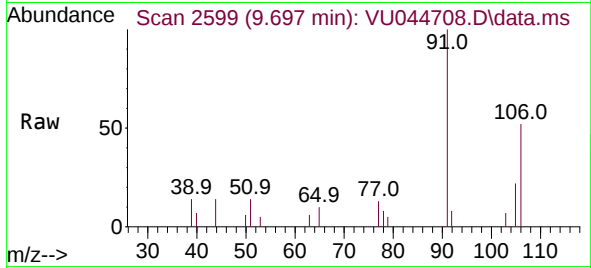




#53
m,p-Xylene
Concen: 0.137 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU044708.D
Acq: 20 Sep 2021 14:51

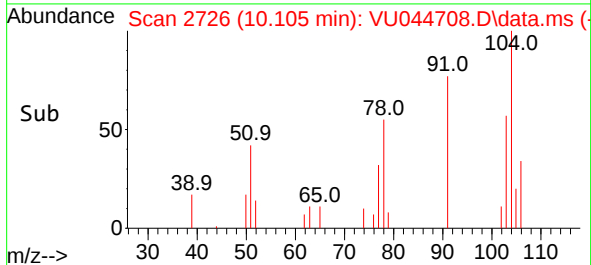
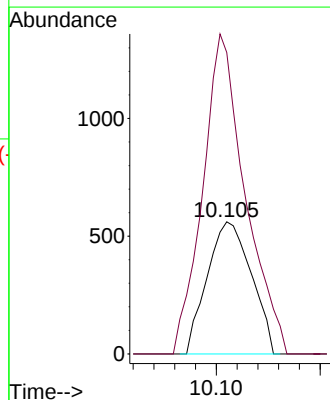
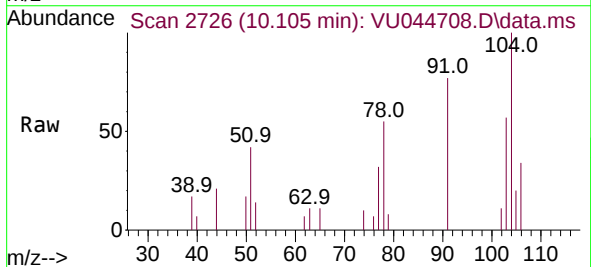
Instrument :
MSVOA_U
ClientSampled :
C0CM1

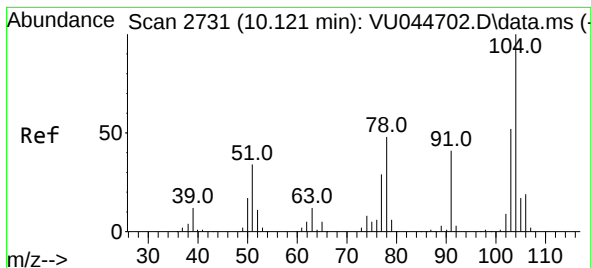
Tgt Ion:106 Resp: 2122
Ion Ratio Lower Upper
106 100
91 193.9 144.6 268.6



#54
o-Xylene
Concen: 0.056 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044708.D
Acq: 20 Sep 2021 14:51

Tgt Ion:106 Resp: 827
Ion Ratio Lower Upper
106 100
91 228.2 156.2 290.0





#55

Styrene

Concen: 0.261 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.003 min

Lab File: VU044708.D

Acq: 20 Sep 2021 14:51

Tgt Ion:104 Resp: 6758

Ion Ratio Lower Upper

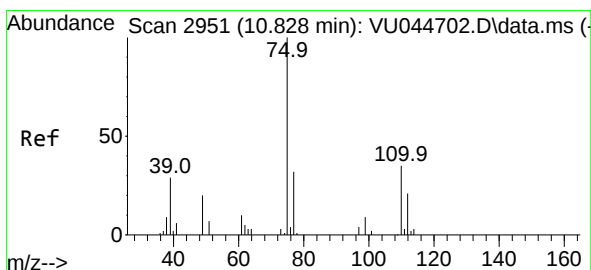
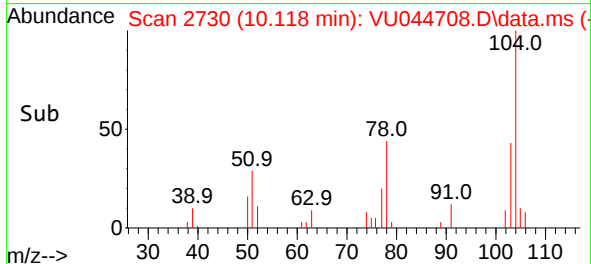
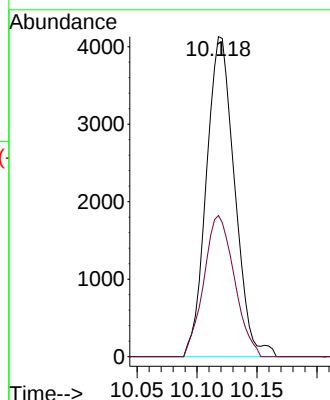
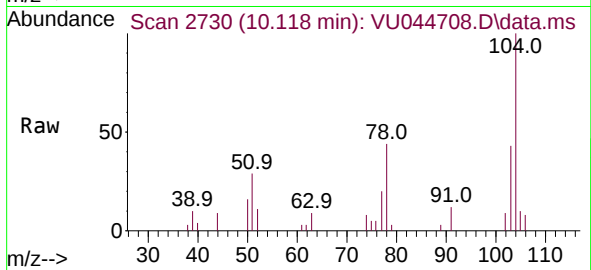
Ion	Ratio	Lower	Upper
104	100		
78	44.1	33.6	62.4

Instrument :

MSVOA_U

ClientSampled :

C0CM1



#61

1,2,3-Trichloropropane

Concen: 1.391 ug/L

RT: 11.816 min Scan# 3258

Delta R.T. 0.987 min

Lab File: VU044708.D

Acq: 20 Sep 2021 14:51

Tgt Ion: 75 Resp: 7838

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
75	100		
110	0.8	28.8	43.2
77	31.6	25.9	38.9

