

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092021\
 Data File : VU044722.D
 Acq On : 20 Sep 2021 20:30
 Operator : SY/MD
 Sample : M3789-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF6

Quant Time: Sep 21 02:51:40 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)

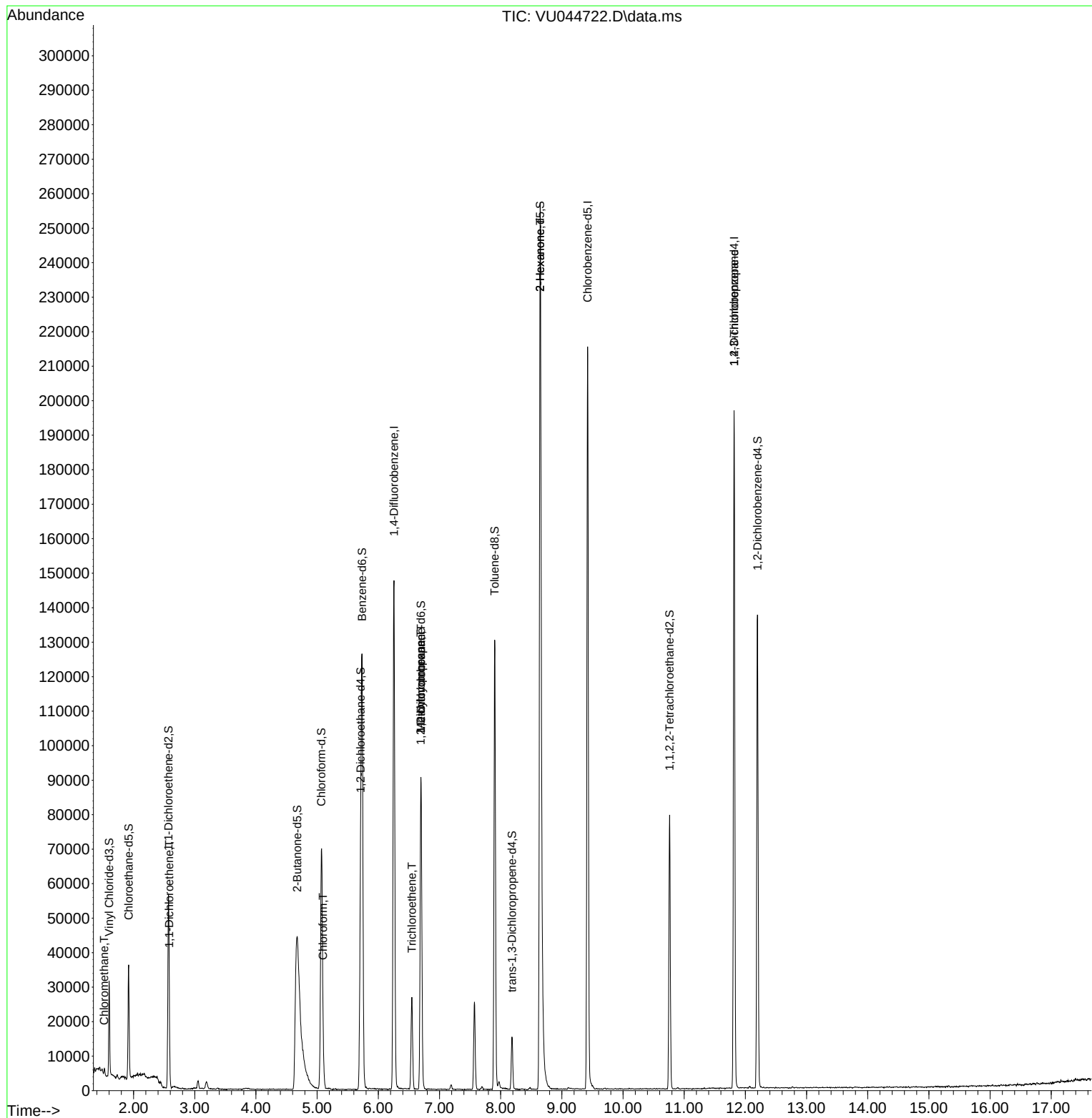
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	112159	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111532	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	46600	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	18787	2.839	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.800%
7) Chloroethane-d5	1.919	69	23296	3.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.000%
11) 1,1-Dichloroethene-d2	2.571	65	10811	3.234	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.600%
20) 2-Butanone-d5	4.674	46	147501	53.170	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.340%
24) Chloroform-d	5.070	84	61957	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.710	65	38656	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.735	84	109125	3.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
36) 1,2-Dichloropropane-d6	6.697	67	42102	4.508	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.902	98	81248	3.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.600%#
43) trans-1,3-Dichloroprop...	8.185	79	8379	2.545	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	51.000%#
46) 2-Hexanone-d5	8.645	63	107528	50.819	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.640%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39768	4.802	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	32532	4.231	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	910	0.085	ug/L	95
12) 1,1-Dichloroethene	2.584	96	752	0.104	ug/L #	1
25) Chloroform	5.095	83	6387	0.387	ug/L	97
34) Trichloroethene	6.549	95	9165	1.118	ug/L	93
35) Methylcyclohexane	6.697	83	9415	0.699	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	4588	0.517	ug/L #	88
48) 2-Hexanone	8.645	43	16901	3.289	ug/L #	69
61) 1,2,3-Trichloropropane	11.815	75	6813	1.323	ug/L #	67

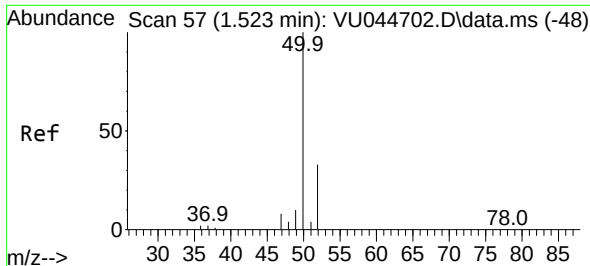
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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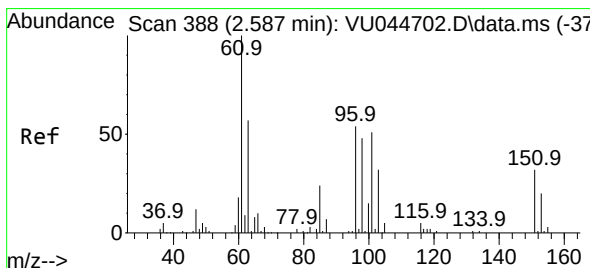
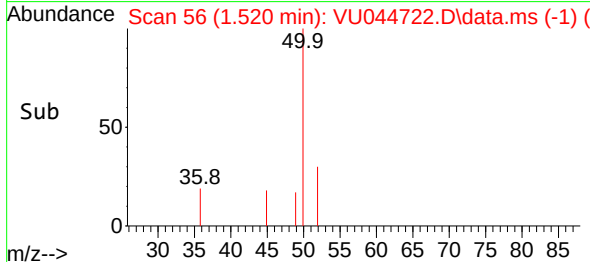
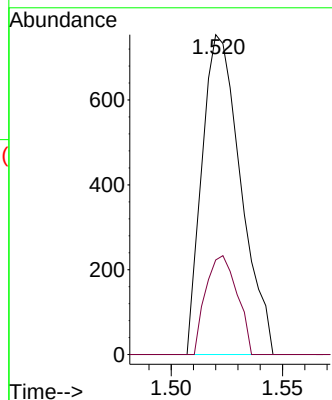
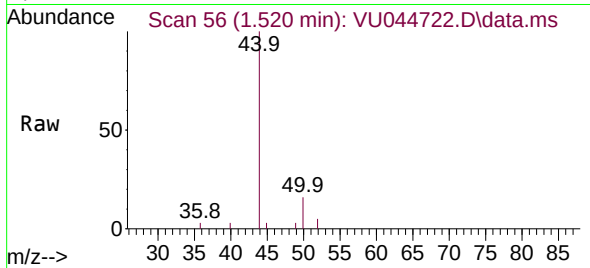




#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044722.D
Acq: 20 Sep 2021 20:30

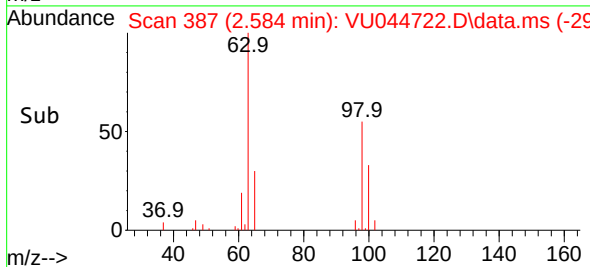
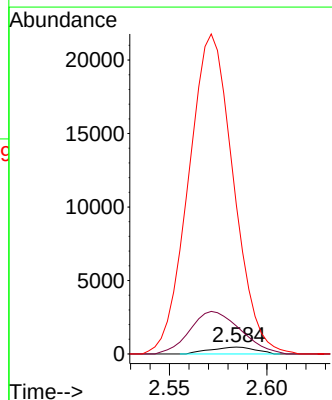
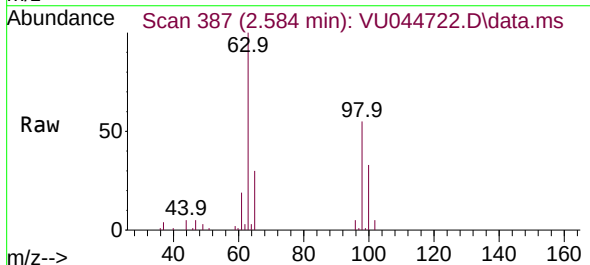
Instrument :
MSVOA_U
ClientSampleId :
C0CF6

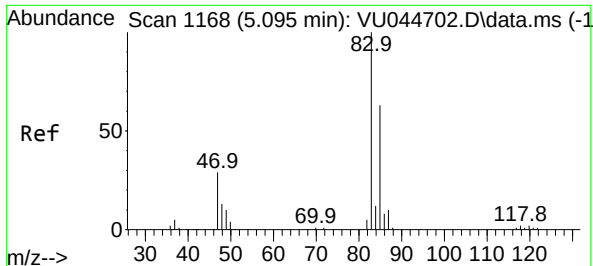
Tgt Ion: 50 Resp: 910
Ion Ratio Lower Upper
50 100
52 29.6 22.6 42.0



#12
1,1-Dichloroethene
Concen: 0.104 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU044722.D
Acq: 20 Sep 2021 20:30

Tgt Ion: 96 Resp: 752
Ion Ratio Lower Upper
96 100
61 404.5 129.3 240.1#
63 2156.6 91.3 169.5#





#25

Chloroform

Concen: 0.387 ug/L

RT: 5.095 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU044722.D

Acq: 20 Sep 2021 20:30

Instrument :

MSVOA_U

ClientSampleId :

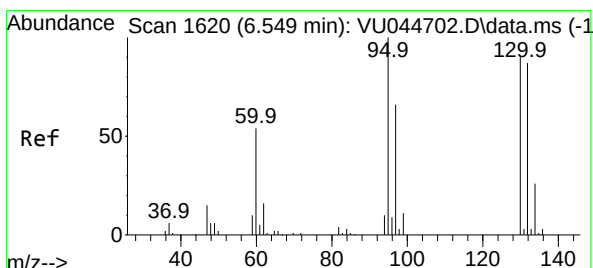
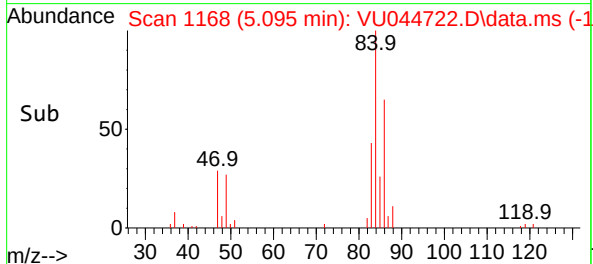
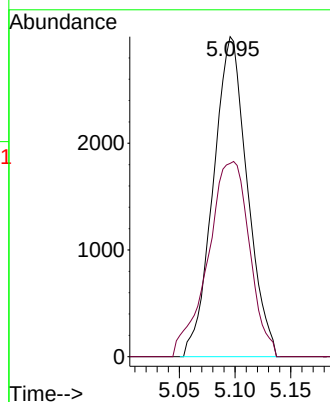
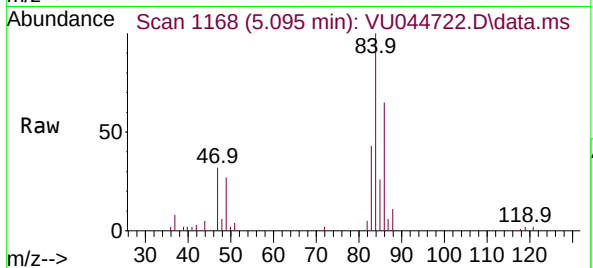
C0CF6

Tgt Ion: 83 Resp: 6387

Ion Ratio Lower Upper

83 100

85 60.4 44.2 82.0



#34

Trichloroethene

Concen: 1.118 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU044722.D

Acq: 20 Sep 2021 20:30

Tgt Ion: 95 Resp: 9165

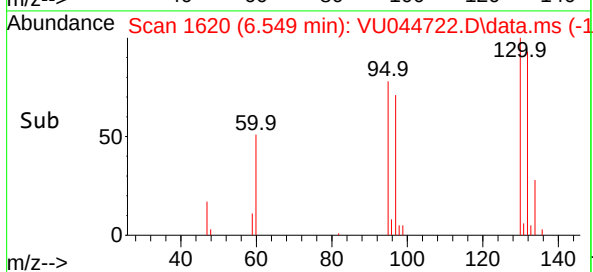
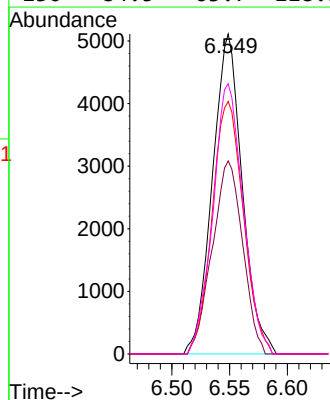
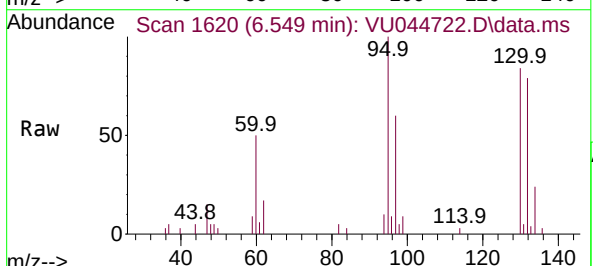
Ion Ratio Lower Upper

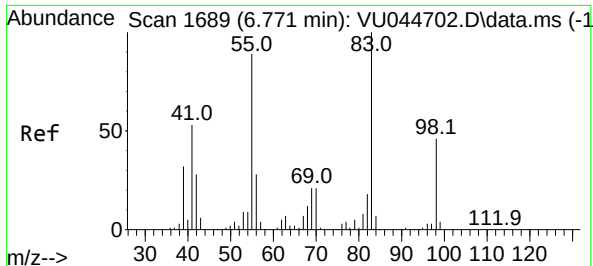
95 100

97 60.3 44.7 82.9

132 78.9 60.3 111.9

130 84.5 63.7 118.3





#35

Methylcyclohexane

Concen: 0.699 ug/L

RT: 6.697 min Scan# 1666

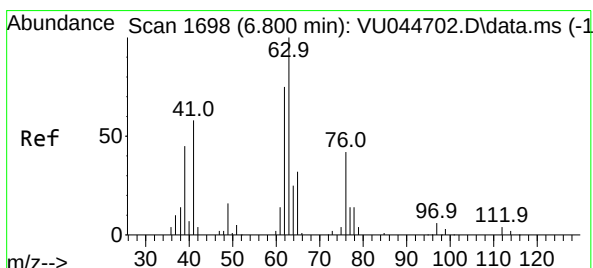
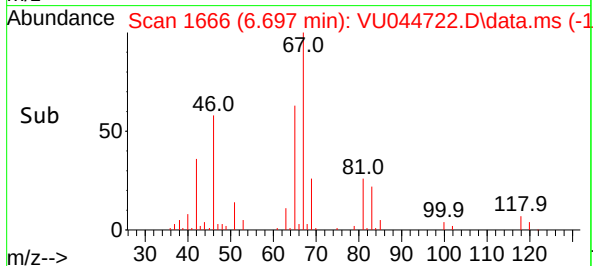
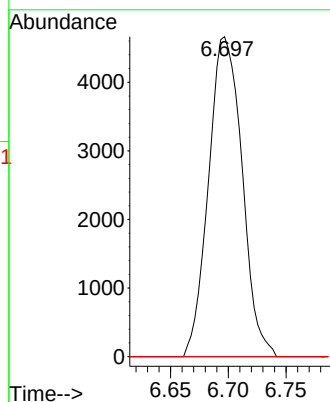
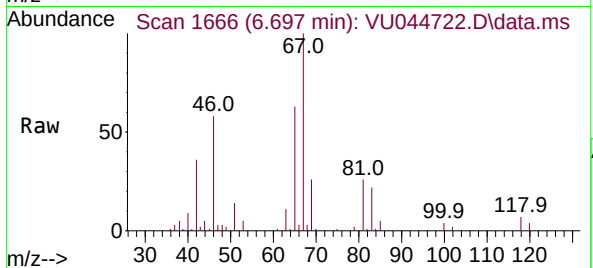
Delta R.T. -0.074 min

Lab File: VU044722.D

Acq: 20 Sep 2021 20:30

Instrument :
MSVOA_U
ClientSampleId :
C0CF6

Tgt Ion:	83	Resp:	9415
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.3	102.5#
98	6.7	37.3	55.9#



#37

1,2-Dichloropropane

Concen: 0.517 ug/L

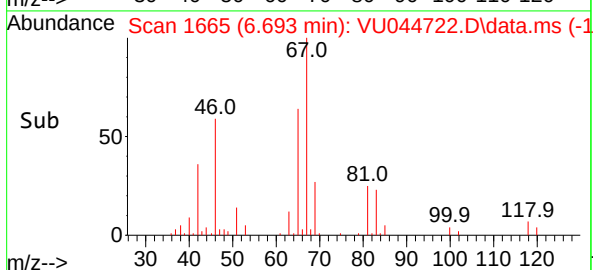
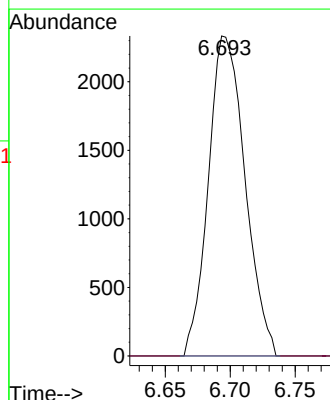
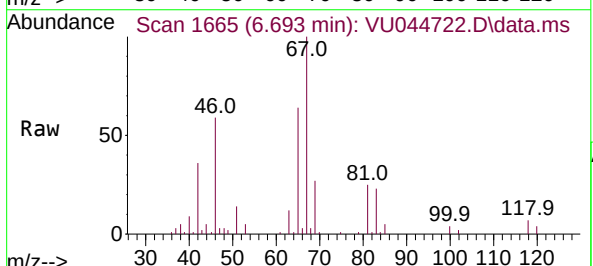
RT: 6.693 min Scan# 1665

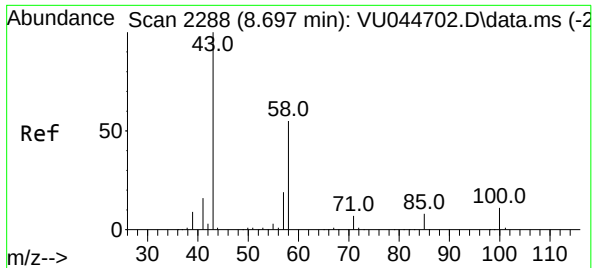
Delta R.T. -0.106 min

Lab File: VU044722.D

Acq: 20 Sep 2021 20:30

Tgt Ion:	63	Resp:	4588
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

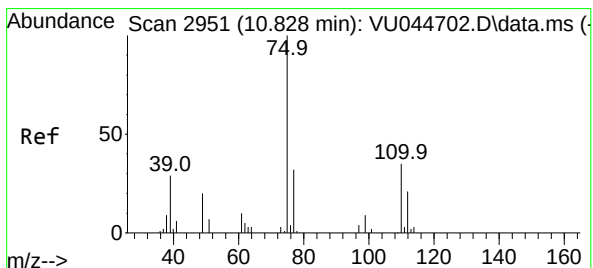
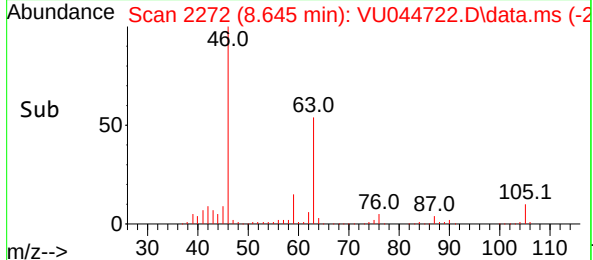
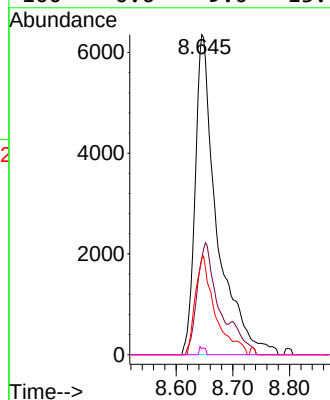
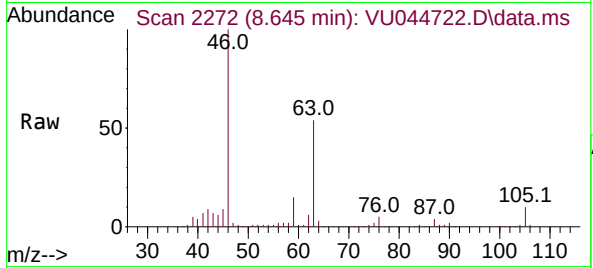




#48
2-Hexanone
Concen: 3.289 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU044722.D
Acq: 20 Sep 2021 20:30

Instrument :
MSVOA_U
ClientSampleId :
C0CF6

Tgt Ion:	43	Resp:	16901
Ion Ratio	100	Lower	Upper
58	30.3	44.6	66.8#
57	27.9	14.8	22.2#
100	0.6	9.0	13.4#



#61
1,2,3-Trichloropropane
Concen: 1.323 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044722.D
Acq: 20 Sep 2021 20:30

Tgt Ion:	75	Resp:	6813
Ion Ratio	100	Lower	Upper
110	1.0	28.8	43.2#
77	34.9	25.9	38.9

