

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092121\
 Data File : VU044730.D
 Acq On : 21 Sep 2021 12:39
 Operator : SY/MD
 Sample : M3789-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CG2

Quant Time: Sep 22 01:41:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 22 01:40:07 2021
 Response via : Initial Calibration

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

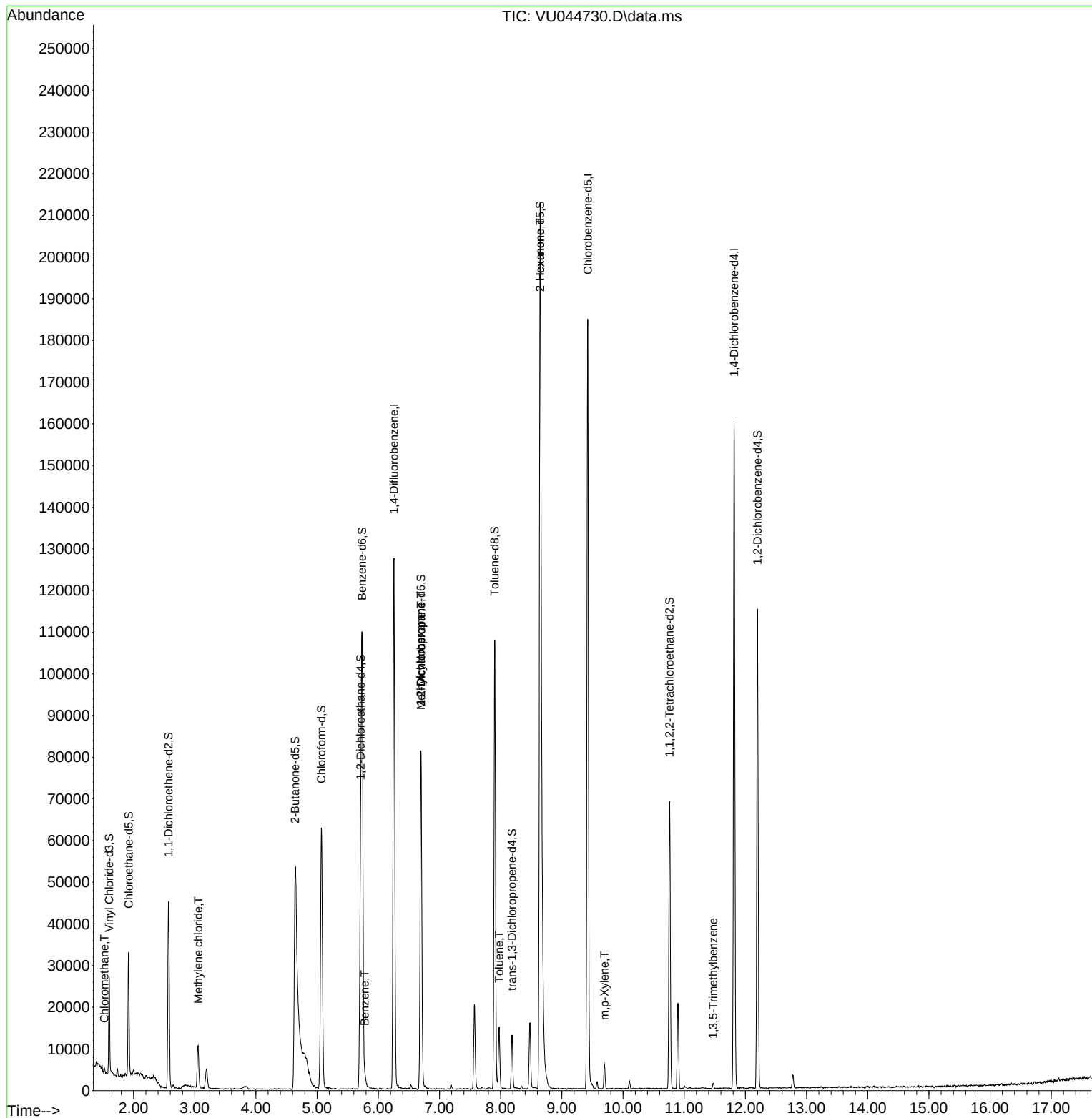
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	97137	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	97326	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	38714	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	15825	2.761	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.200%
7) Chloroethane-d5	1.919	69	21179	3.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.572	65	8981	3.102	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	4.642	46	113302	47.158	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.320%
24) Chloroform-d	5.070	84	55019	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.710	65	35113	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.735	84	94885	3.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.697	67	38188	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.903	98	68129	3.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.000%#
43) trans-1,3-Dichloroprop...	8.185	79	7492	2.608	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	52.200%#
46) 2-Hexanone-d5	8.645	63	94274	51.059	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.120%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	36710	5.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	26882	4.208	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	771	0.083	ug/L	95
16) Methylene chloride	3.057	84	4597	0.463	ug/L	94
33) Benzene	5.777	78	2180	0.075	ug/L	100
35) Methylcyclohexane	6.700	83	8473	0.721	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	4154	0.537	ug/L #	88
42) Toluene	7.976	91	10364	0.344	ug/L	98
48) 2-Hexanone	8.645	43	15408	3.436	ug/L #	74
53) m,p-Xylene	9.697	106	1580	0.127	ug/L	90
62) 1,3,5-Trimethylbenzene	11.475	105	964	0.048	ug/L	89

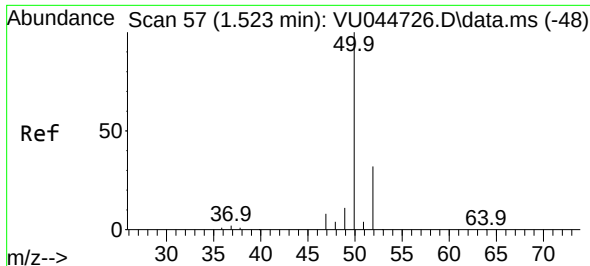
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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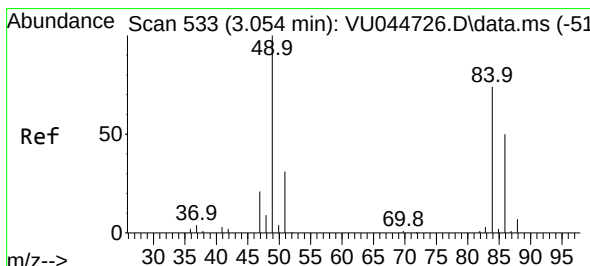
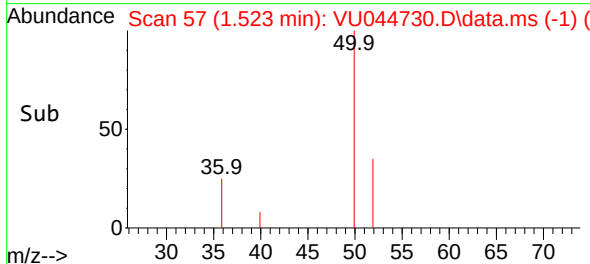
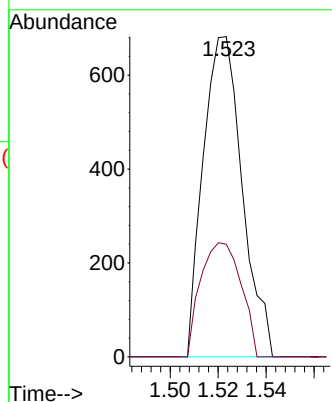
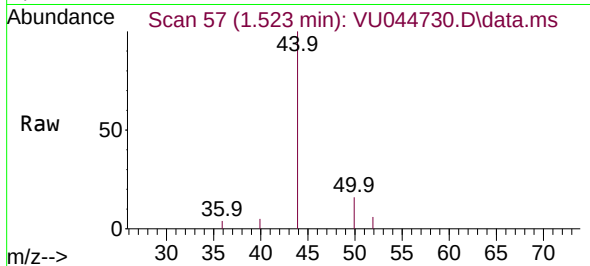




#3
Chloromethane
Concen: 0.083 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU044730.D
Acq: 21 Sep 2021 12:39

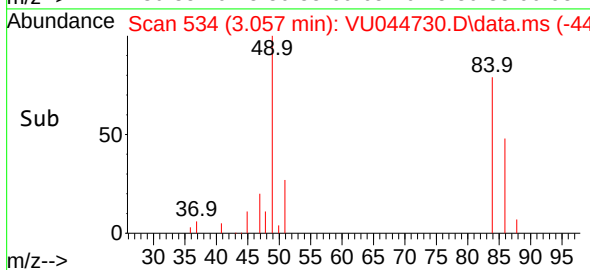
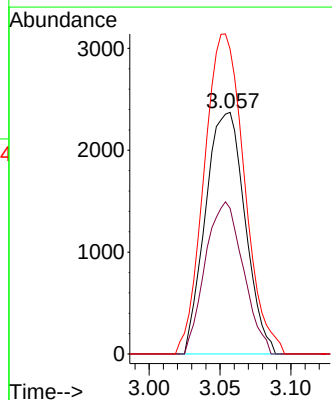
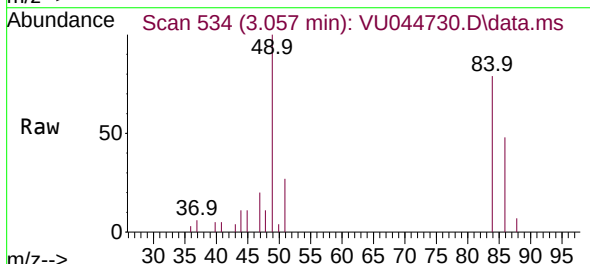
Instrument :
MSVOA_U
ClientSampleId :
C0CG2

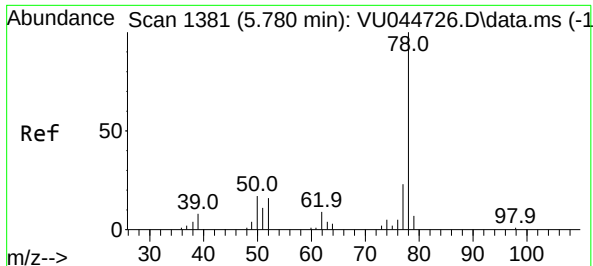
Tgt Ion: 50 Resp: 771
Ion Ratio Lower Upper
50 100
52 35.2 22.6 42.0



#16
Methylene chloride
Concen: 0.463 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU044730.D
Acq: 21 Sep 2021 12:39

Tgt Ion: 84 Resp: 4597
Ion Ratio Lower Upper
84 100
86 60.3 45.8 85.2
49 126.1 92.9 172.5





#33

Benzene

Concen: 0.075 ug/L

RT: 5.777 min Scan# 1380

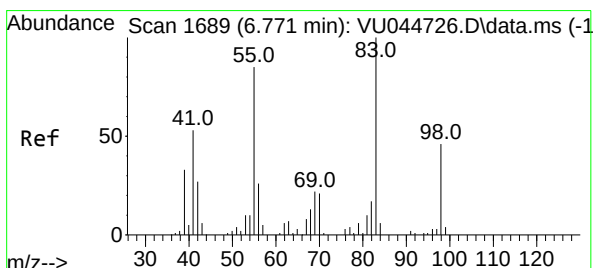
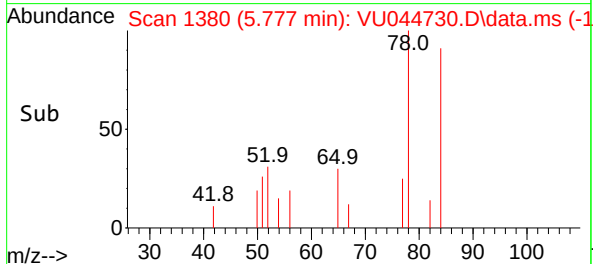
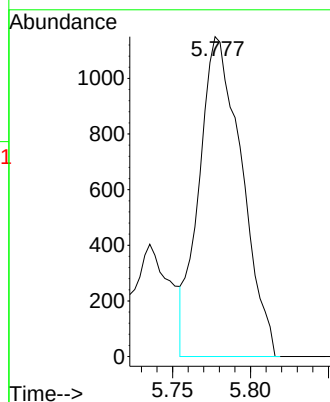
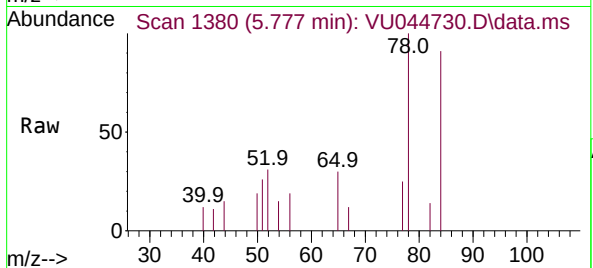
Delta R.T. -0.003 min

Lab File: VU044730.D

Acq: 21 Sep 2021 12:39

Tgt Ion: 78 Resp: 2180

Instrument :
MSVOA_U
ClientSampleId :
C0CG2



#35

Methylcyclohexane

Concen: 0.721 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.071 min

Lab File: VU044730.D

Acq: 21 Sep 2021 12:39

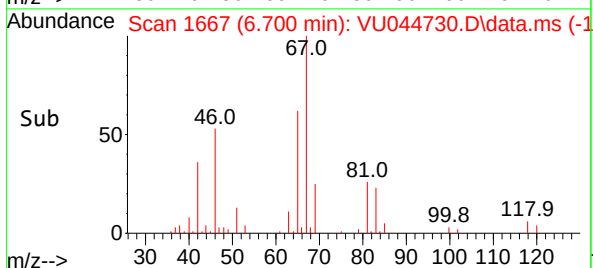
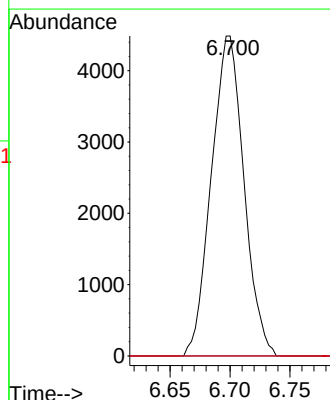
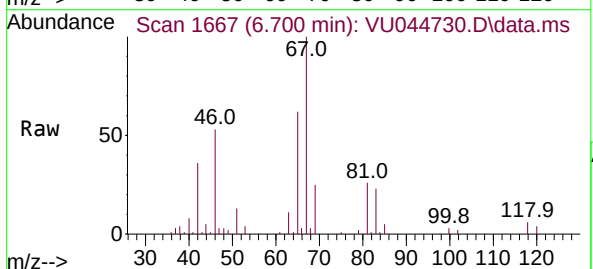
Tgt Ion: 83 Resp: 8473

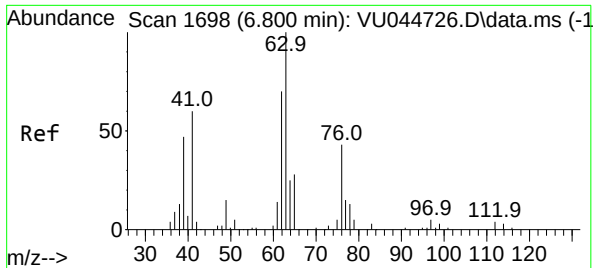
Ion Ratio Lower Upper

83 100

55 0.0 68.3 102.5#

98 0.3 37.3 55.9#

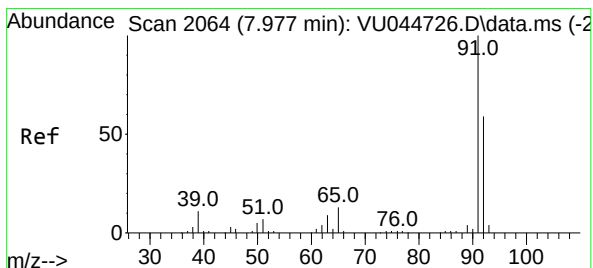
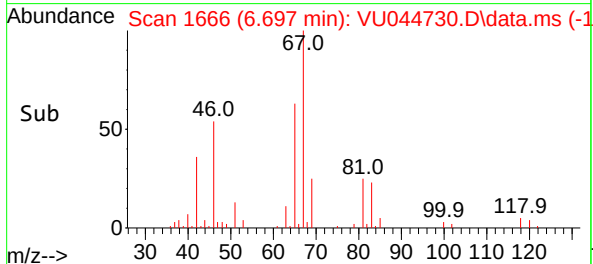
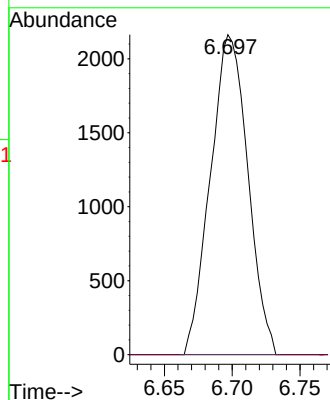
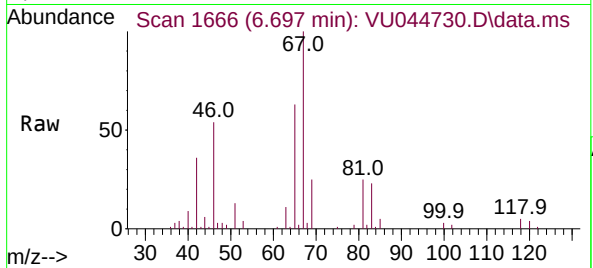




#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU044730.D
Acq: 21 Sep 2021 12:39

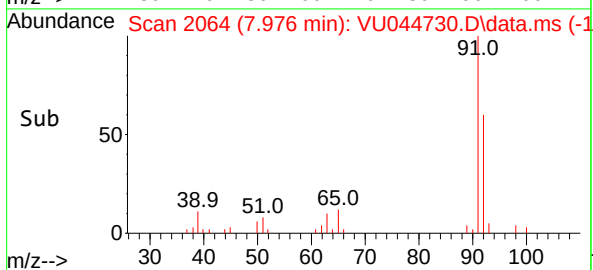
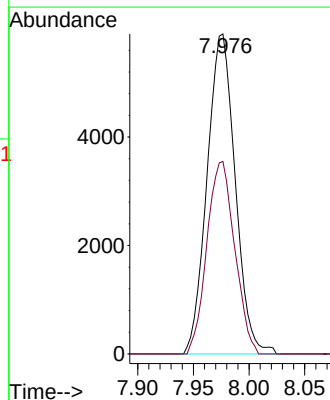
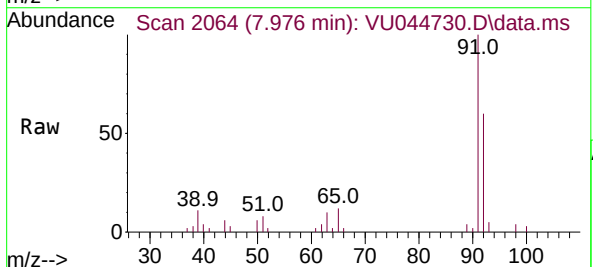
Instrument :
MSVOA_U
ClientSampleId :
C0CG2

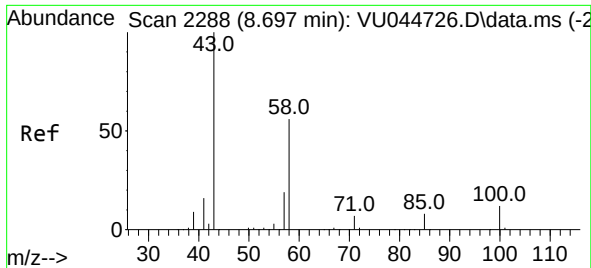
Tgt Ion: 63 Resp: 4154
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#42
Toluene
Concen: 0.344 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044730.D
Acq: 21 Sep 2021 12:39

Tgt Ion: 91 Resp: 10364
Ion Ratio Lower Upper
91 100
92 60.2 41.1 76.3

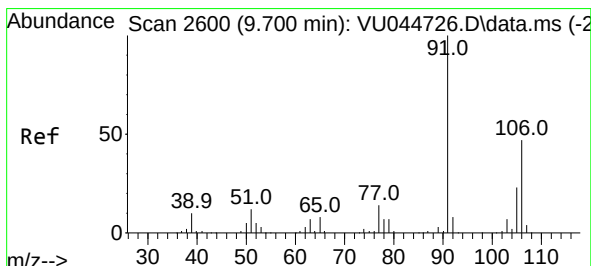
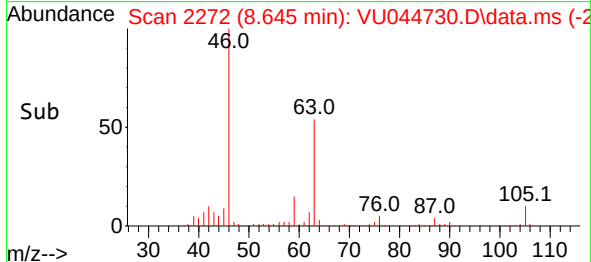
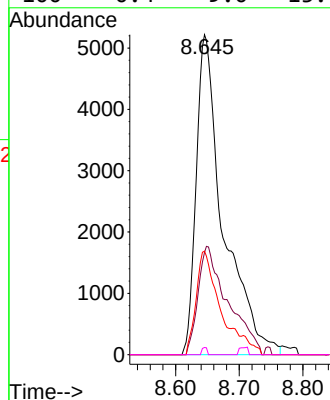
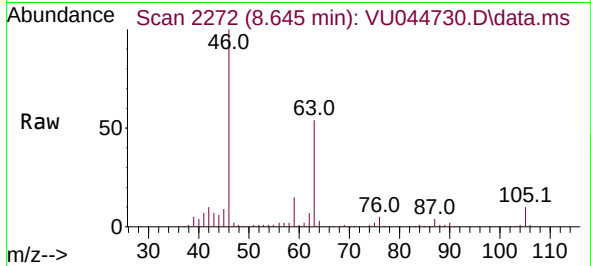




#48
2-Hexanone
Concen: 3.436 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU044730.D
Acq: 21 Sep 2021 12:39

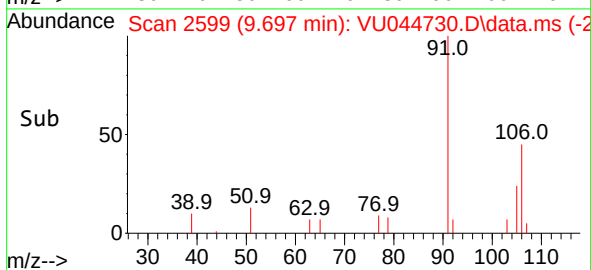
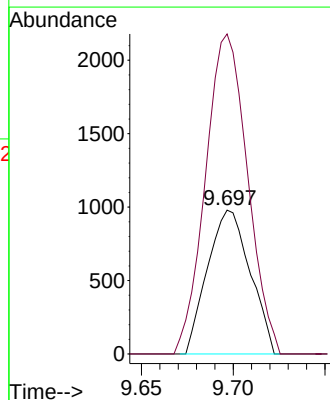
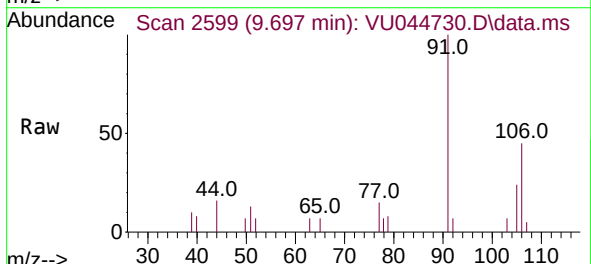
Instrument :
MSVOA_U
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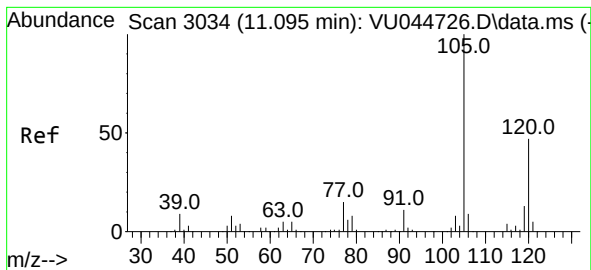
Tgt Ion:	43	Resp:	15408
Ion	Ratio	Lower	Upper
43	100		
58	37.1	44.6	66.8#
57	29.7	14.8	22.2#
100	0.4	9.0	13.4#



#53
m,p-Xylene
Concen: 0.127 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU044730.D
Acq: 21 Sep 2021 12:39

Tgt Ion:	106	Resp:	1580
Ion	Ratio	Lower	Upper
106	100		
91	222.3	144.6	268.6





#62
 1,3,5-Trimethylbenzene
 Concen: 0.048 ug/L
 RT: 11.475 min Scan# 3152
 Delta R.T. 0.379 min
 Lab File: VU044730.D
 Acq: 21 Sep 2021 12:39

Instrument :
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Tgt Ion:105 Resp: 964
 Ion Ratio Lower Upper
 105 100
 120 40.4 38.2 57.2

