

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051121\
 Data File : VU043661.D
 Acq On : 11 May 2021 13:57
 Operator : SY/MD
 Sample : M2300-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 12 01:28:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 01:26:46 2021
 Response via : Initial Calibration

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

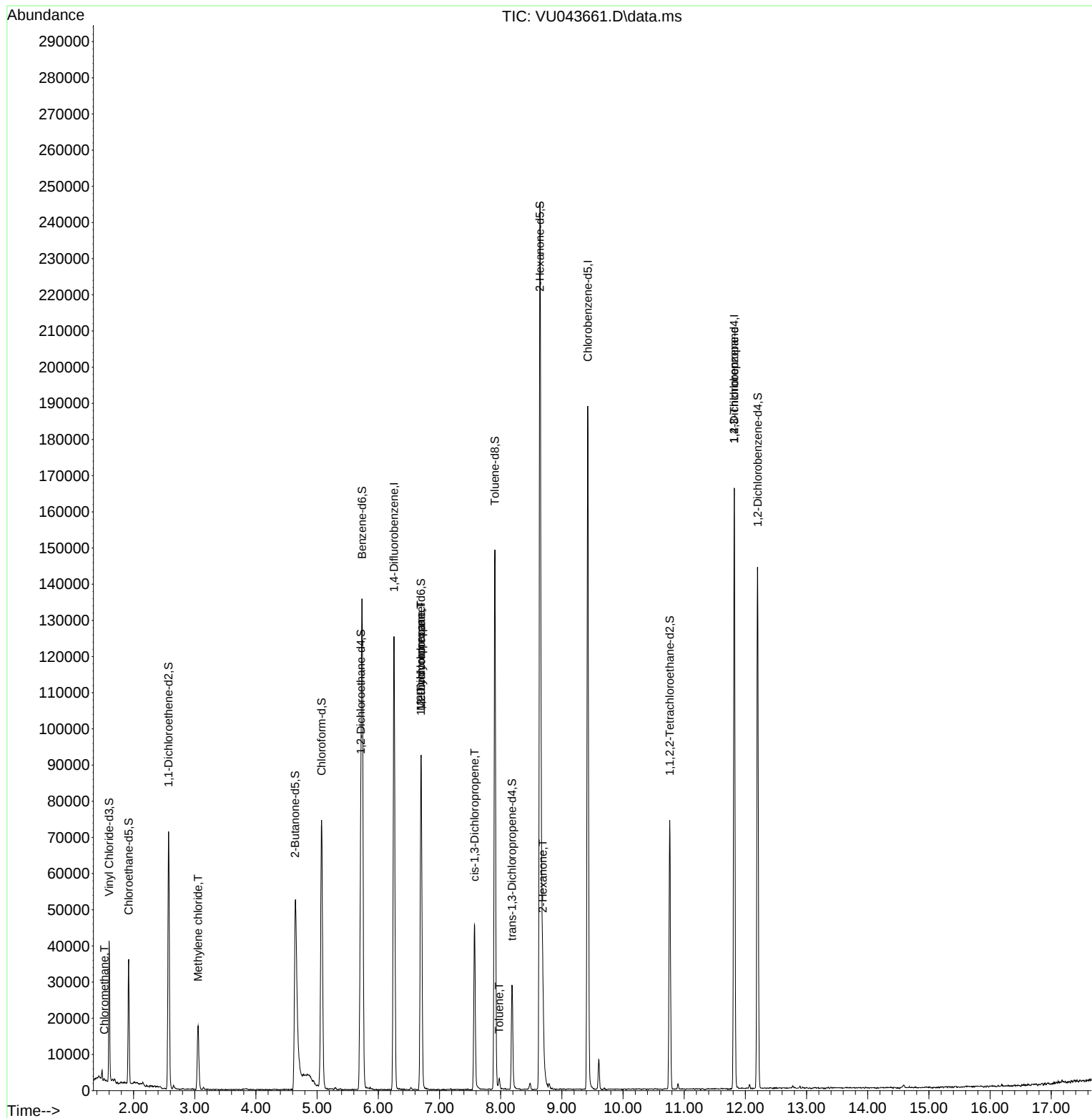
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	91506	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	92225	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40187	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25852	3.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.20%
7) Chloroethane-d5	1.919	69	22636	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.572	65	14624	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	4.642	46	109146	47.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.56%
24) Chloroform-d	5.073	84	63836	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.713	65	40999	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.735	84	110857	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.700	67	41635	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.906	98	90671	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloroprop...	8.186	79	15944	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.642	63	89939	60.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.52%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36966	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	35667	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	719	0.11	ug/L	100
16) Methylene chloride	3.054	84	7548	0.92	ug/L	90
35) Methylcyclohexane	6.700	83	8764	1.09	ug/L #	12
37) 1,2-Dichloropropane	6.697	63	4635	0.64	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1088	0.11	ug/L #	59
42) Toluene	7.977	91	2018	0.08	ug/L	84
48) 2-Hexanone	8.687	43	4582	1.04	ug/L #	45
61) 1,2,3-Trichloropropane	11.819	75	5274	1.30	ug/L #	63

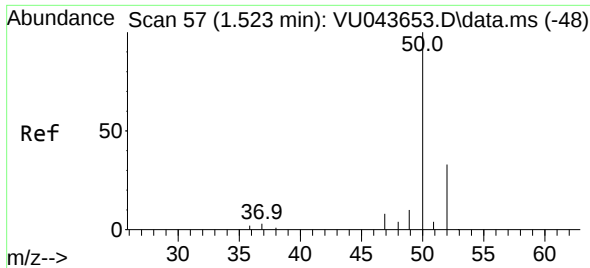
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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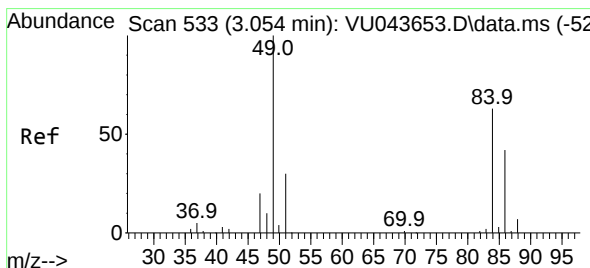
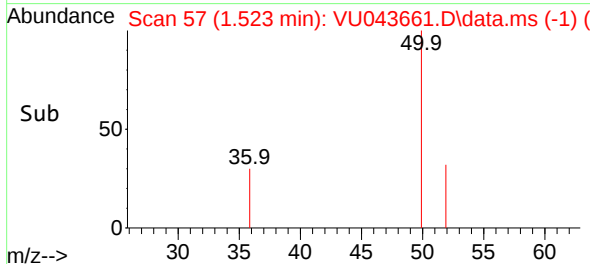
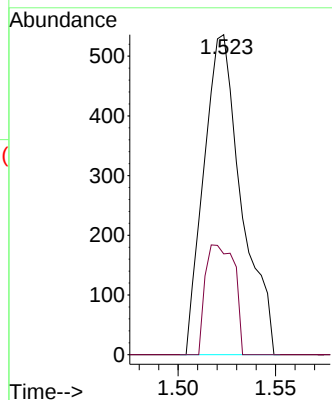
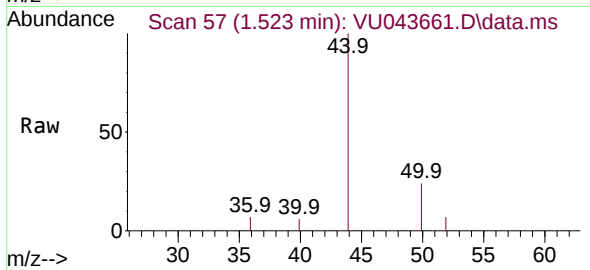




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043661.D
Acq: 11 May 2021 13:57

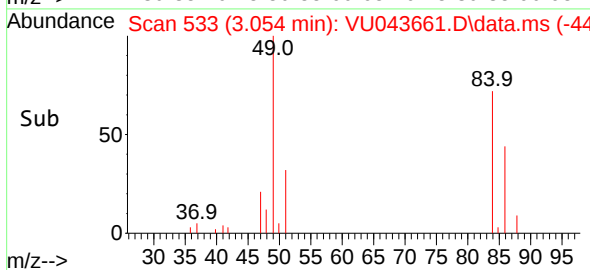
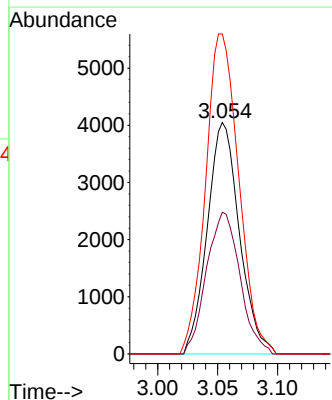
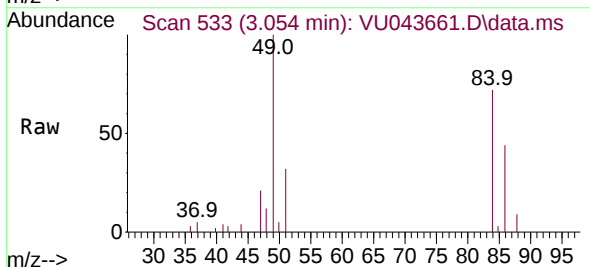
Instrument :
MSVOA_U
ClientSampled :

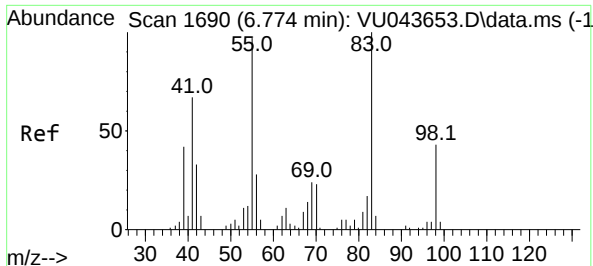
Tgt Ion: 50 Resp: 719
Ion Ratio Lower Upper
50 100
52 31.5 22.1 41.1



#16
Methylene chloride
Concen: 0.92 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043661.D
Acq: 11 May 2021 13:57

Tgt Ion: 84 Resp: 7548
Ion Ratio Lower Upper
84 100
86 61.2 45.6 84.6
49 138.2 107.0 198.8





#35

Methylcyclohexane

Concen: 1.09 ug/L

RT: 6.700 min Scan# 1667

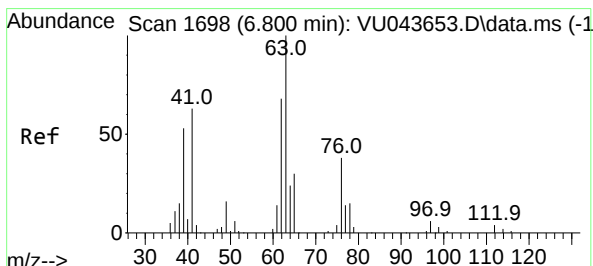
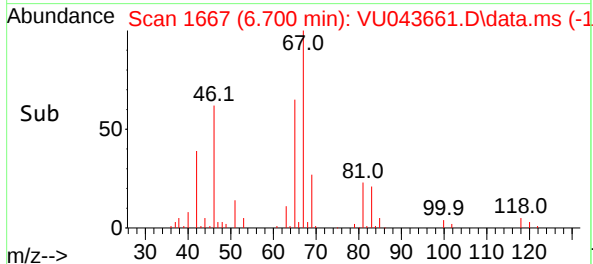
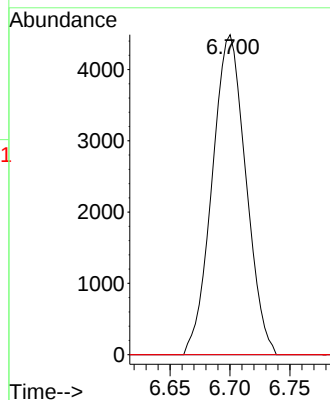
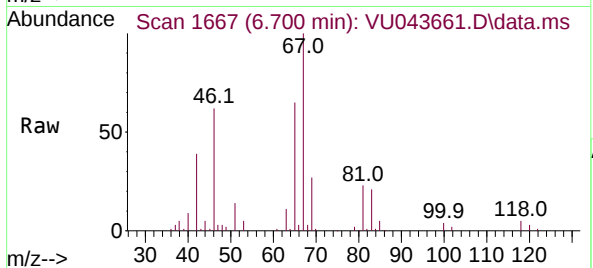
Delta R.T. -0.074 min

Lab File: VU043661.D

Acq: 11 May 2021 13:57

Tgt Ion:	83	Resp:	8764
Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	0.0	35.5	53.3#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.64 ug/L

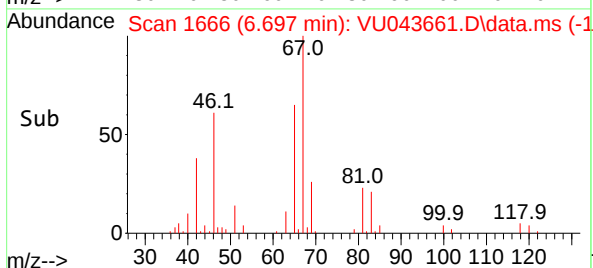
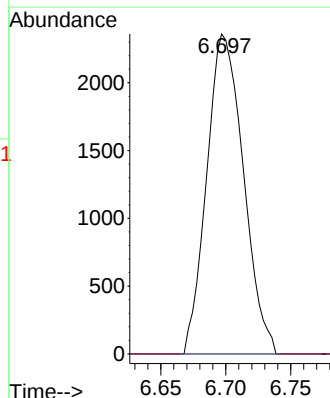
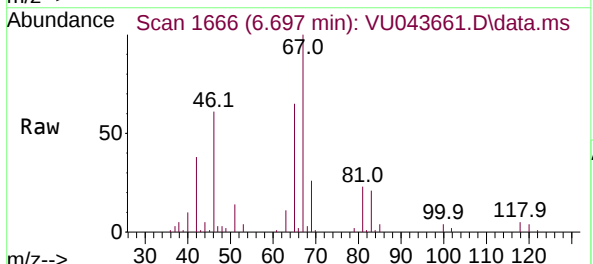
RT: 6.697 min Scan# 1666

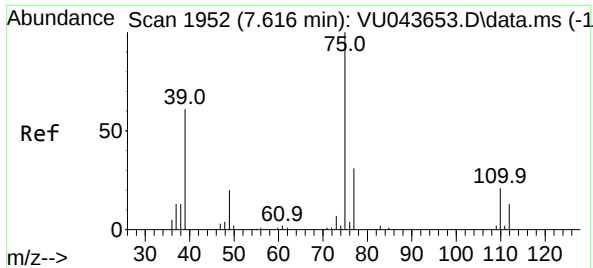
Delta R.T. -0.103 min

Lab File: VU043661.D

Acq: 11 May 2021 13:57

Tgt Ion:	63	Resp:	4635
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#



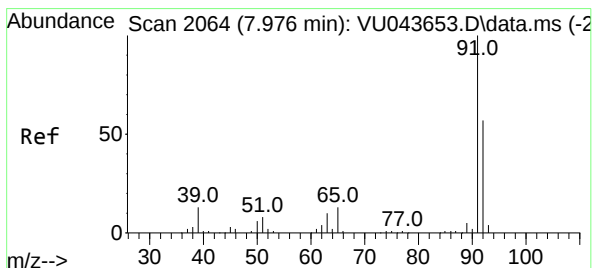
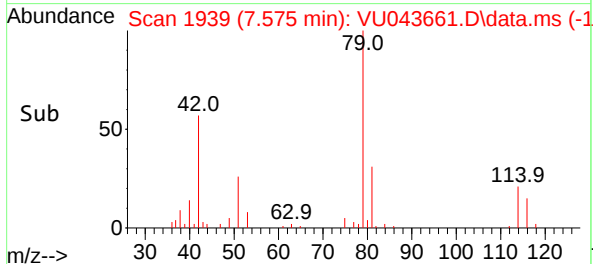
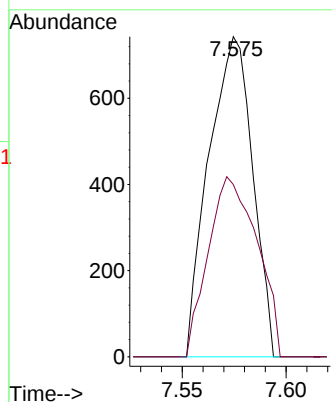
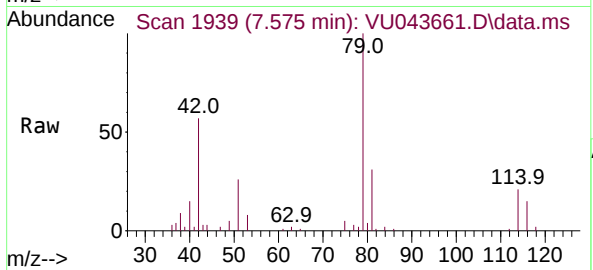


#39

cis-1,3-Dichloropropene
 Concen: 0.11 ug/L
 RT: 7.575 min Scan# 1939
 Delta R.T. -0.042 min
 Lab File: VU043661.D
 Acq: 11 May 2021 13:57

Instrument :
 MSVOA_U
 ClientSampled :

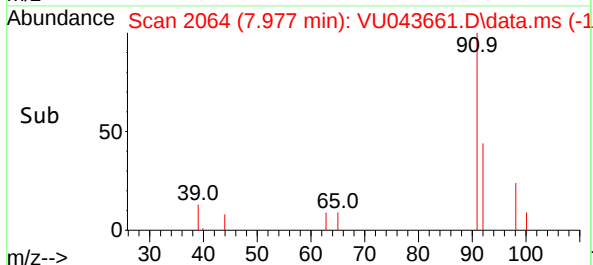
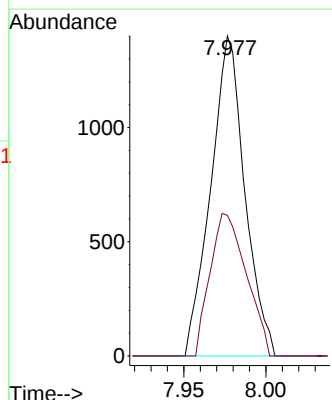
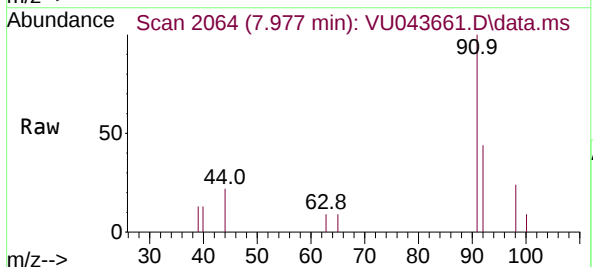
Tgt Ion: 75 Resp: 1088
 Ion Ratio Lower Upper
 75 100
 77 53.8 21.9 40.7#

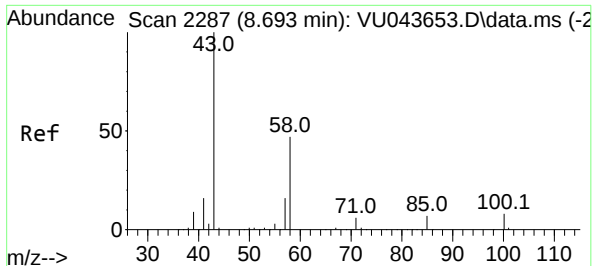


#42

Toluene
 Concen: 0.08 ug/L
 RT: 7.977 min Scan# 2064
 Delta R.T. 0.000 min
 Lab File: VU043661.D
 Acq: 11 May 2021 13:57

Tgt Ion: 91 Resp: 2018
 Ion Ratio Lower Upper
 91 100
 92 44.0 39.1 72.5

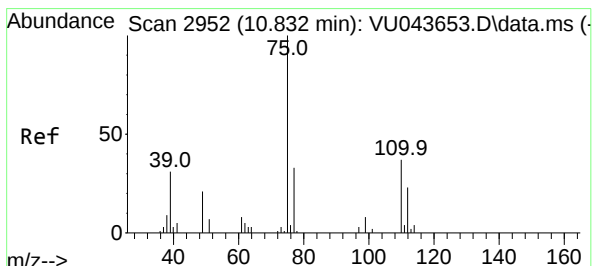
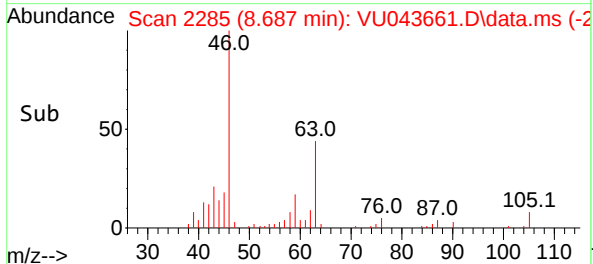
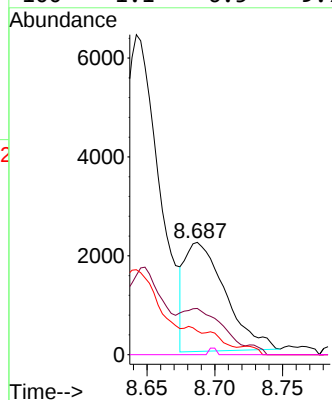
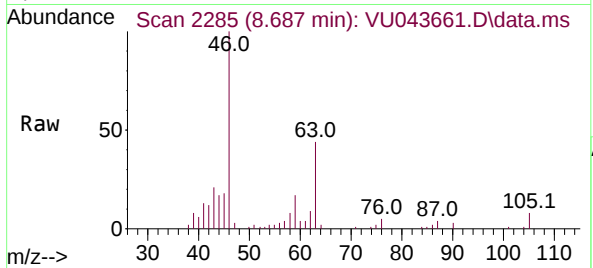




#48
2-Hexanone
Concen: 1.04 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VU043661.D
Acq: 11 May 2021 13:57

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	43	Resp:	4582
Ion Ratio	Lower	Upper	
43	100		
58	0.0	36.8	55.2#
57	2.9	13.2	19.8#
100	1.1	6.5	9.7#



#61
1,2,3-Trichloropropane
Concen: 1.30 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043661.D
Acq: 11 May 2021 13:57

Tgt Ion:	75	Resp:	5274
Ion Ratio	Lower	Upper	
75	100		
110	0.0	28.6	42.8#
77	37.6	25.7	38.5

