

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051321\
 Data File : VU043698.D
 Acq On : 13 May 2021 12:21
 Operator : SY/MD
 Sample : M2376-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:49:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 14 01:48:16 2021
 Response via : Initial Calibration

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

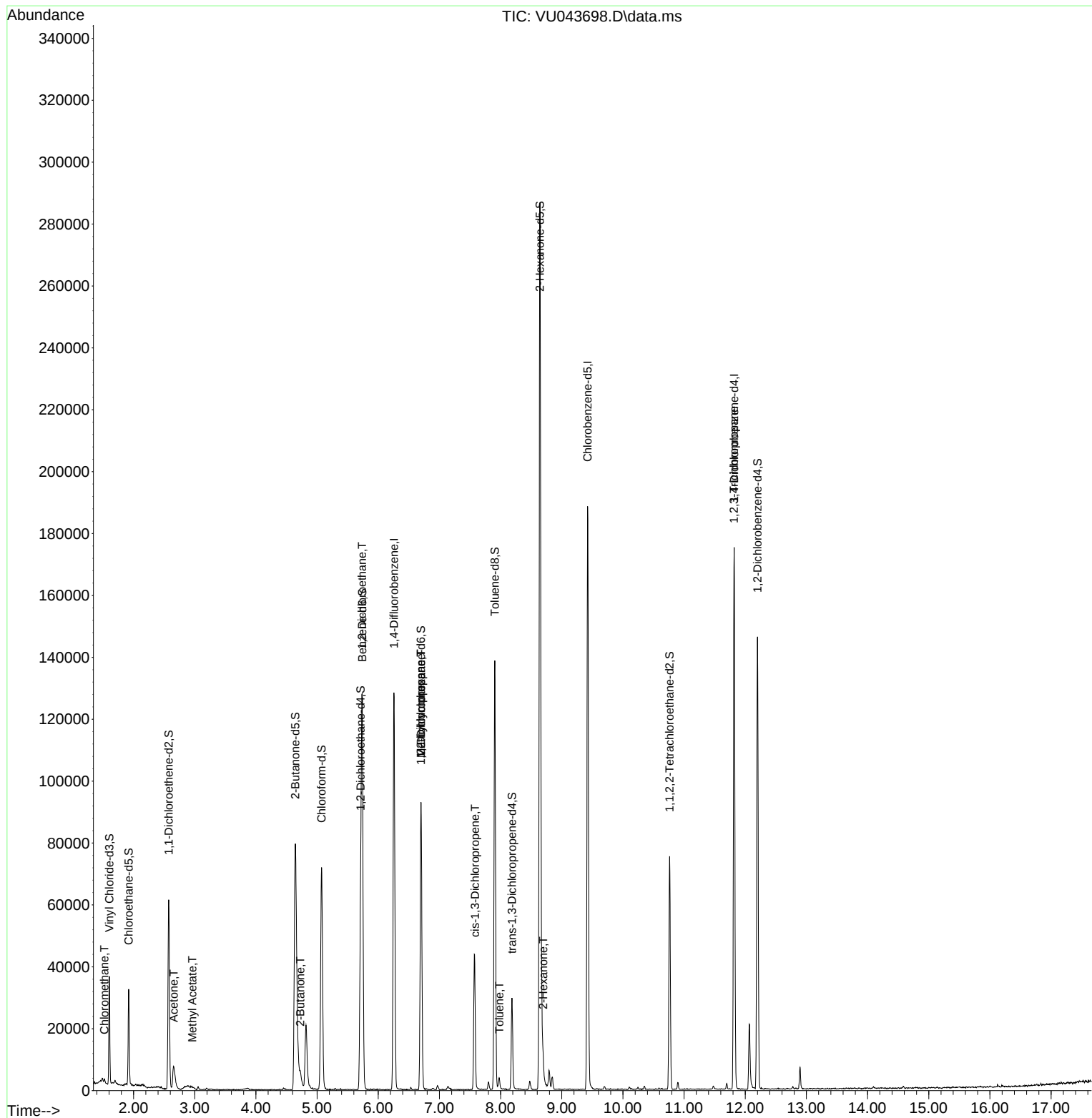
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	92876	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	94004	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40903	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23731	3.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.60%
7) Chloroethane-d5	1.919	69	20634	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.40%
11) 1,1-Dichloroethene-d2	2.575	65	12316	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.645	46	150438	64.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.76%
24) Chloroform-d	5.073	84	61386	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.713	65	39667	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.739	84	106057	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.700	67	41667	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.906	98	85805	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
43) trans-1,3-Dichloroprop...	8.185	79	14693	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.642	63	89210	59.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.26%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36697	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	34480	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	729	0.11	ug/L	97
13) Acetone	2.655	43	13461	8.71	ug/L	95
15) Methyl Acetate	2.960	43	508	0.14	ug/L #	58
21) 2-Butanone	4.726	43	5643	2.28	ug/L	91
27) 1,2-Dichloroethane	5.735	62	714	0.08	ug/L #	78
35) Methylcyclohexane	6.700	83	8795	1.08	ug/L #	12
37) 1,2-Dichloropropane	6.697	63	4694	0.64	ug/L #	90
39) cis-1,3-Dichloropropene	7.581	75	940	0.10	ug/L #	49
42) Toluene	7.980	91	2692	0.10	ug/L	89
48) 2-Hexanone	8.697	43	4314	0.96	ug/L #	91
61) 1,2,3-Trichloropropane	11.815	75	5669	1.37	ug/L #	67

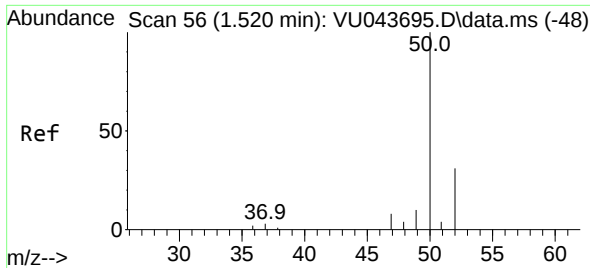
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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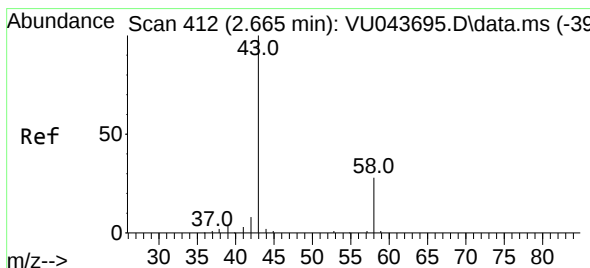
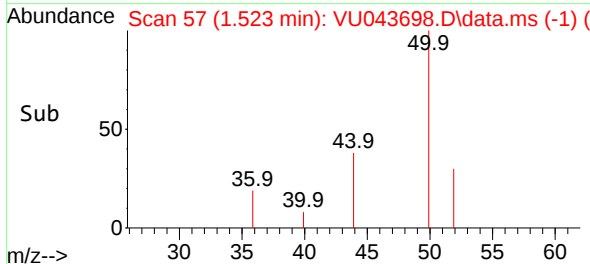
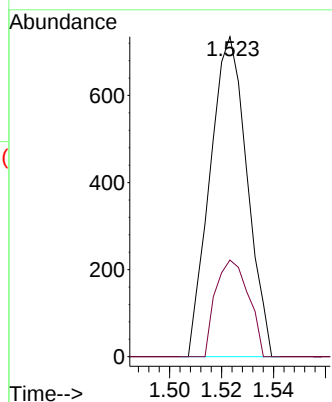
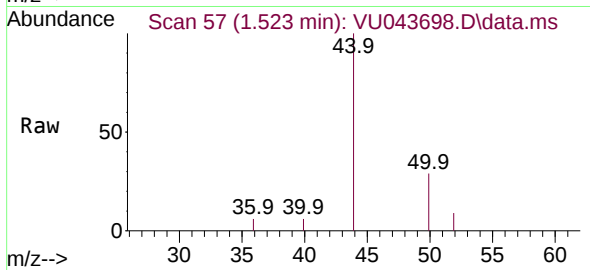




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043698.D
Acq: 13 May 2021 12:21

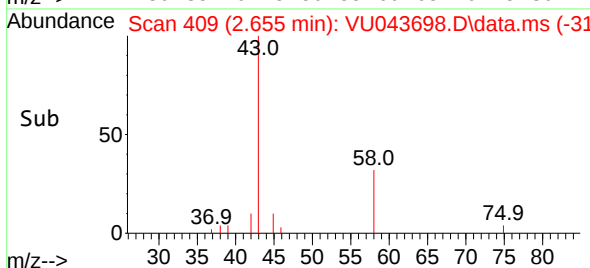
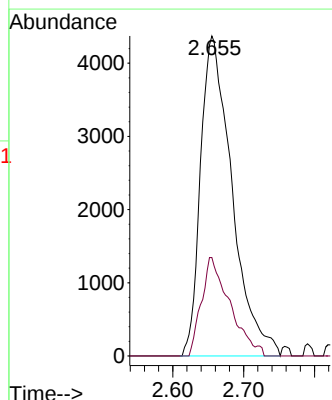
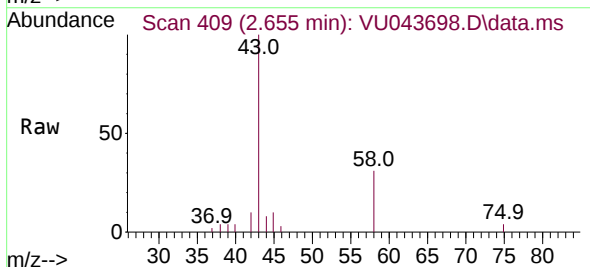
Instrument :
MSVOA_U
ClientSampled :

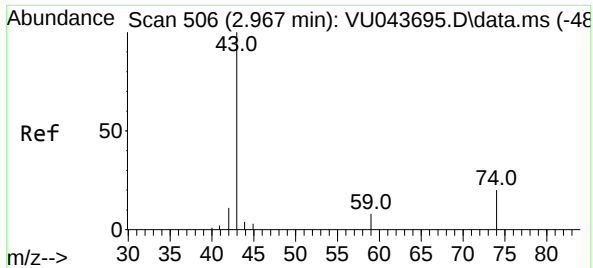
Tgt Ion: 50 Resp: 729
Ion Ratio Lower Upper
50 100
52 30.2 22.1 41.1



#13
Acetone
Concen: 8.71 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.010 min
Lab File: VU043698.D
Acq: 13 May 2021 12:21

Tgt Ion: 43 Resp: 13461
Ion Ratio Lower Upper
43 100
58 27.9 0.0 50.8

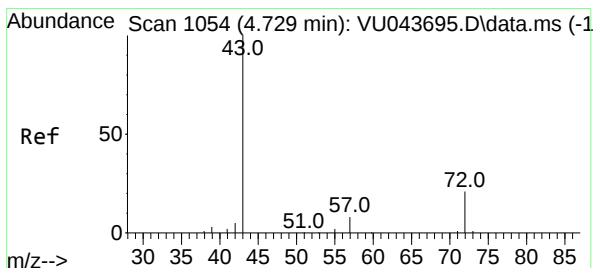
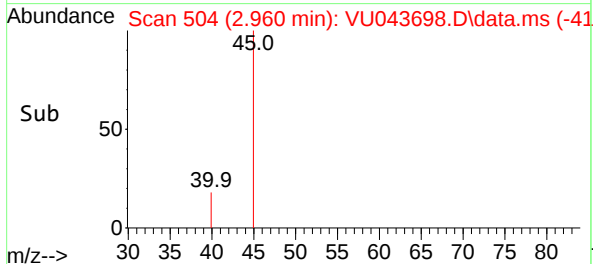
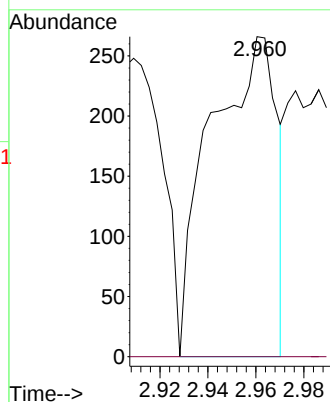
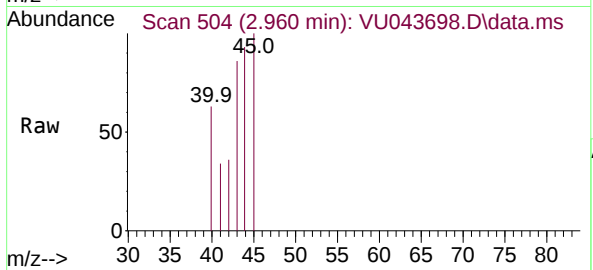




#15
Methyl Acetate
Concen: 0.14 ug/L
RT: 2.960 min Scan# 504
Delta R.T. -0.007 min
Lab File: VU043698.D
Acq: 13 May 2021 12:21

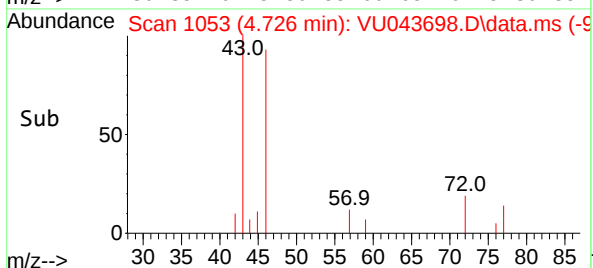
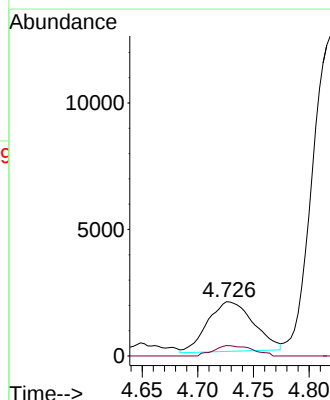
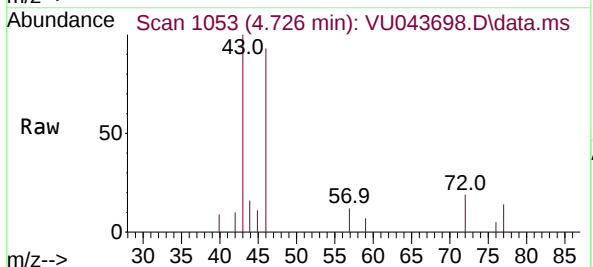
Instrument :
MSVOA_U
ClientSampled :

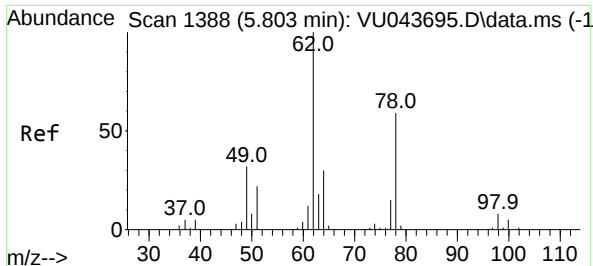
Tgt Ion: 43 Resp: 508
Ion Ratio Lower Upper
43 100
74 0.0 15.2 22.8#



#21
2-Butanone
Concen: 2.28 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. -0.003 min
Lab File: VU043698.D
Acq: 13 May 2021 12:21

Tgt Ion: 43 Resp: 5643
Ion Ratio Lower Upper
43 100
72 17.5 10.8 32.4



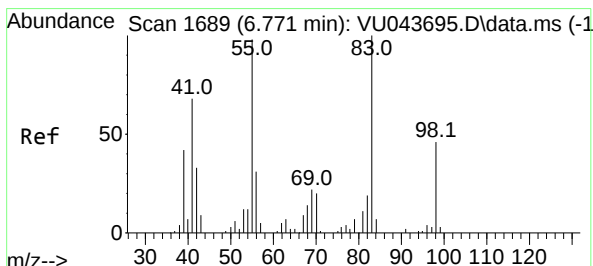
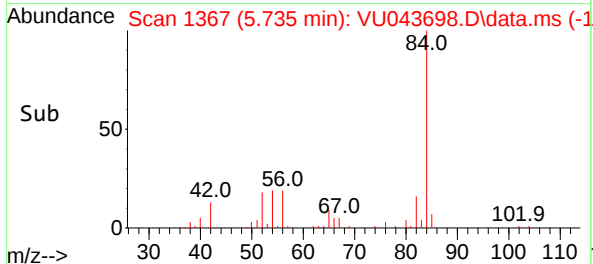
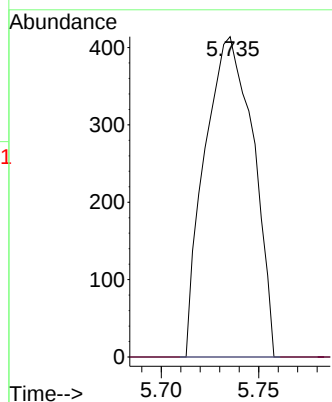
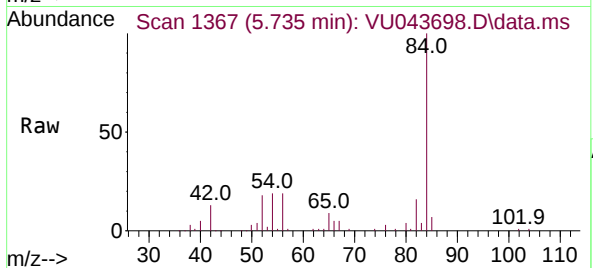


#27

1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU043698.D
Acq: 13 May 2021 12:21

Instrument :
MSVOA_U
ClientSampled :

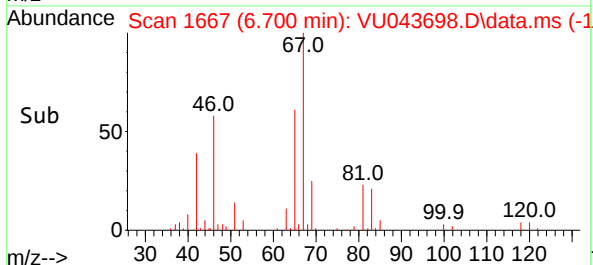
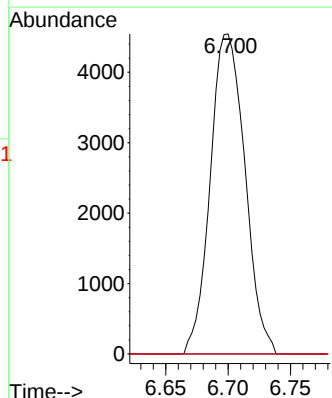
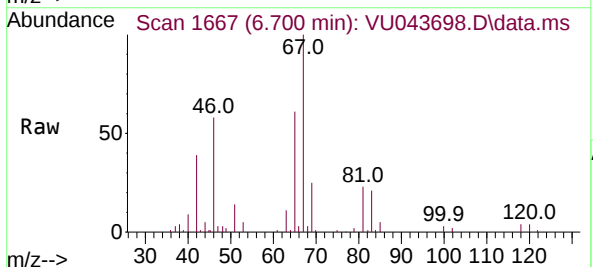
Tgt Ion: 62 Resp: 714
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

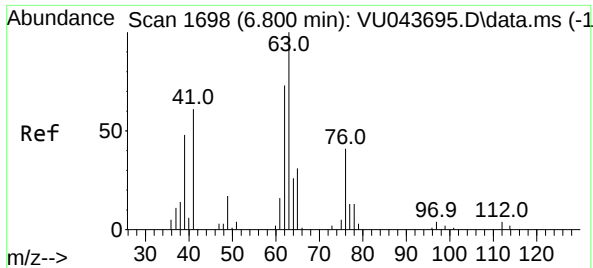


#35

Methylcyclohexane
Concen: 1.08 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043698.D
Acq: 13 May 2021 12:21

Tgt Ion: 83 Resp: 8795
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.2 35.5 53.3#



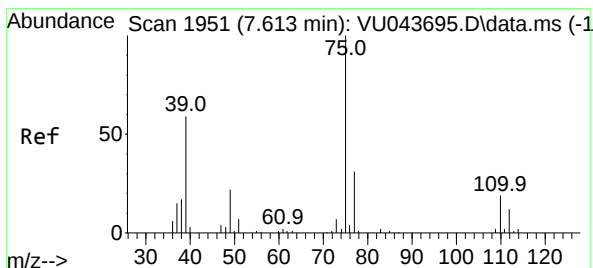
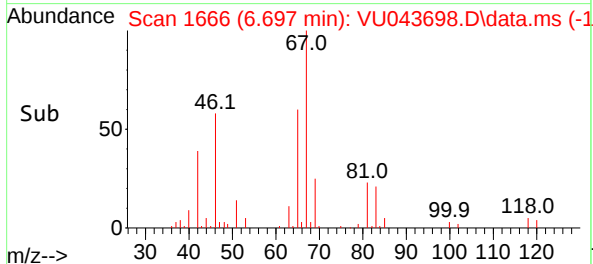
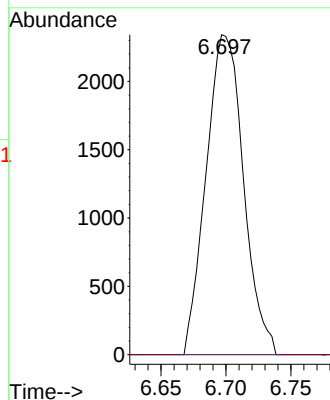
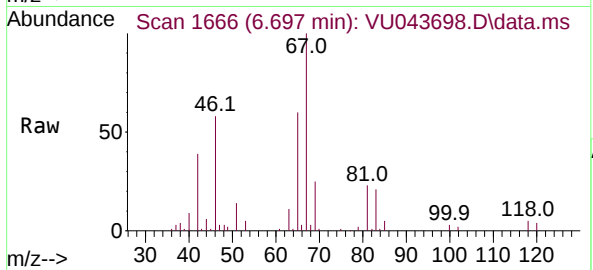


#37

1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043698.D
Acq: 13 May 2021 12:21

Instrument :
MSVOA_U
ClientSampled :

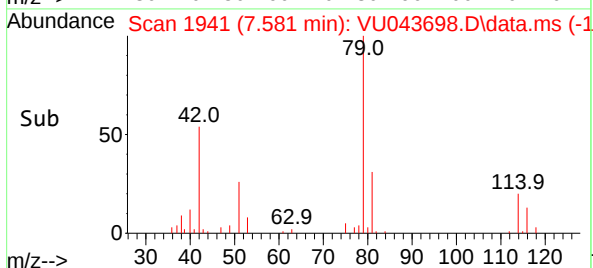
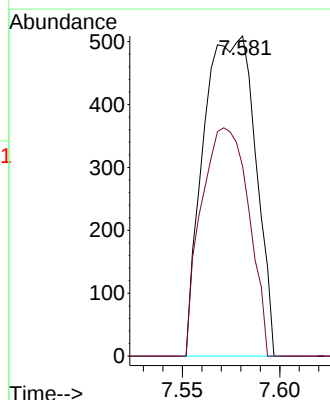
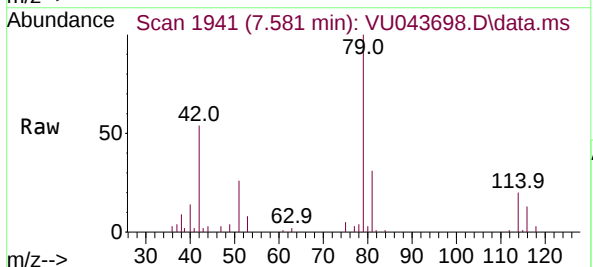
Tgt Ion: 63 Resp: 4694
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

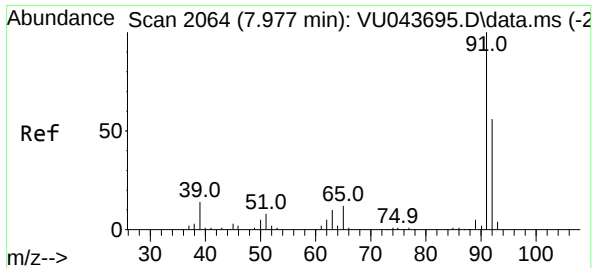


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.581 min Scan# 1941
Delta R.T. -0.032 min
Lab File: VU043698.D
Acq: 13 May 2021 12:21

Tgt Ion: 75 Resp: 940
Ion Ratio Lower Upper
75 100
77 59.3 21.9 40.7#

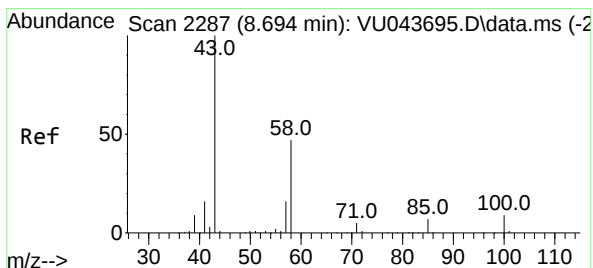
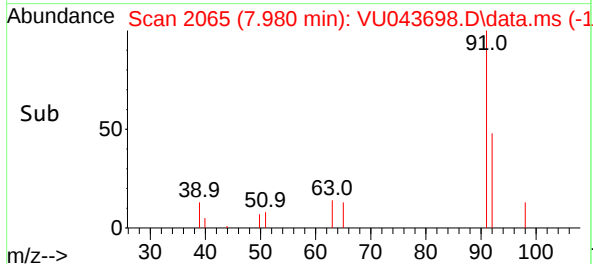
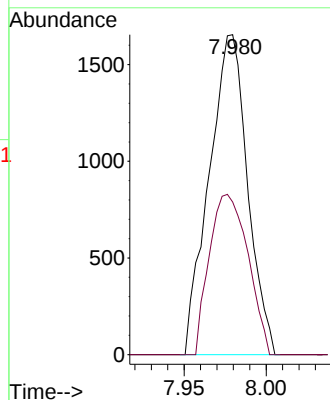
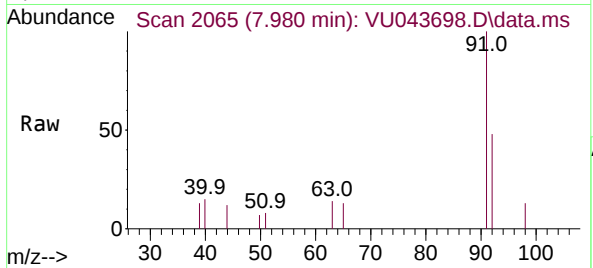




#42
Toluene
Concen: 0.10 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU043698.D
Acq: 13 May 2021 12:21

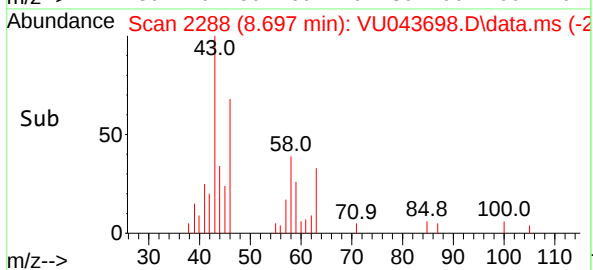
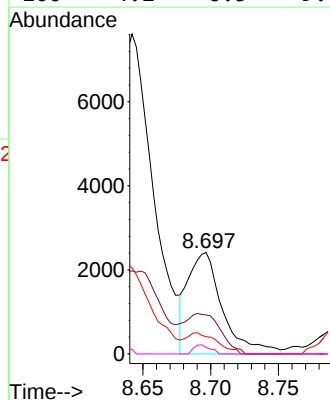
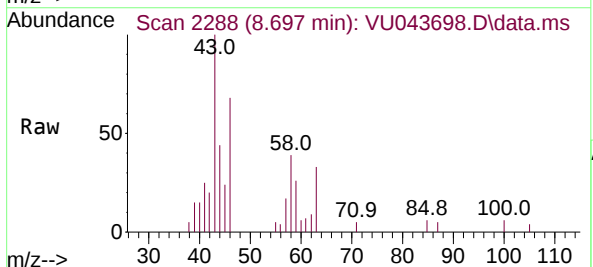
Instrument :
MSVOA_U
ClientSampled :

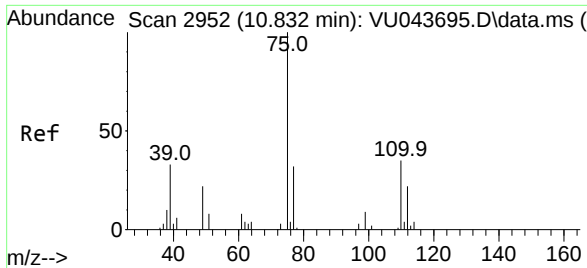
Tgt Ion: 91 Resp: 2692
Ion Ratio Lower Upper
91 100
92 47.7 39.1 72.5



#48
2-Hexanone
Concen: 0.96 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043698.D
Acq: 13 May 2021 12:21

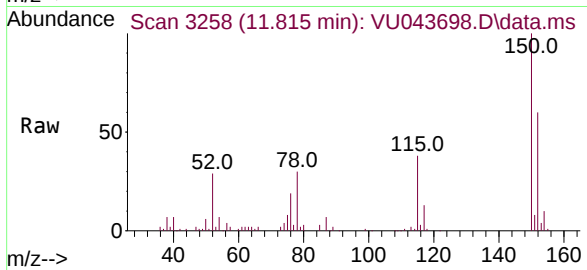
Tgt Ion: 43 Resp: 4314
Ion Ratio Lower Upper
43 100
58 39.5 36.8 55.2
57 18.6 13.2 19.8
100 4.2 6.5 9.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.37 ug/L
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.984 min
 Lab File: VU043698.D
 Acq: 13 May 2021 12:21

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	5669
Ion Ratio	Lower	Upper
75	100	
110	0.4	28.6 42.8#
77	33.9	25.7 38.5

