

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042046.D
 Acq On : 14 Jan 2021 21:12
 Operator : SY/MD
 Sample : M1132-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1A16

Quant Time: Jan 15 06:36:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 06:32:40 2021
 Response via : Initial Calibration

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

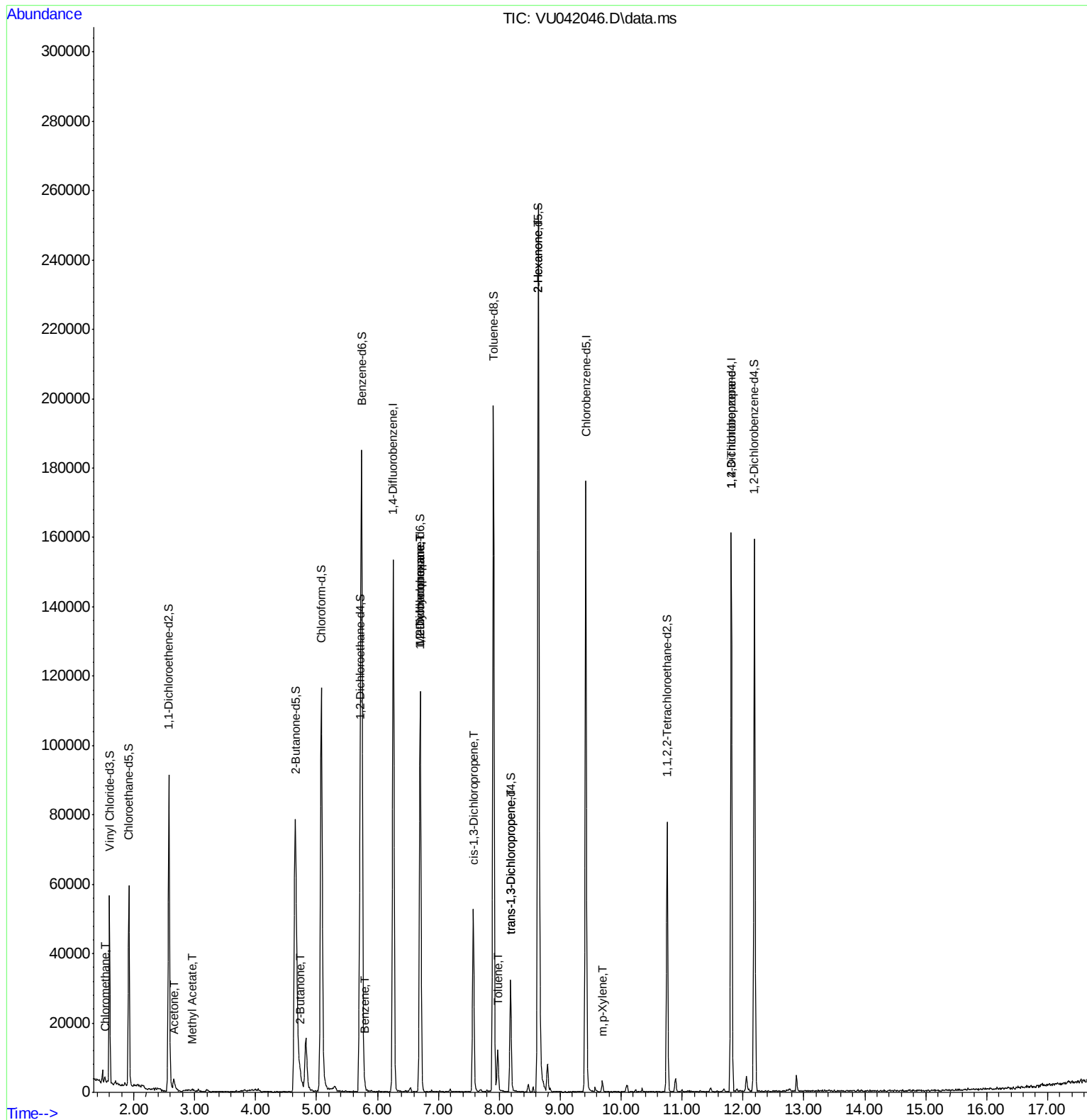
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	122477	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99490	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	42705	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36347	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.919	69	40102	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.575	63	56301	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.652	46	146528	47.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.48%
24) Chloroform-d	5.080	84	88849	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.716	65	49743	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.739	84	173042	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.700	67	58404	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.903	98	132724	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloroprop...	8.186	79	18735	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.639	63	98717	45.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.84%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	38585	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.189	152	41144	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%
Target Compounds						Qvalue
3) Chloromethane	1.524	50	1159	0.08	ug/L	95
13) Acetone	2.659	43	6273	3.24	ug/L	95
15) Methyl Acetate	2.964	43	523	0.11	ug/L #	51
21) 2-Butanone	4.729	43	2959	0.96	ug/L	78
33) Benzene	5.787	78	1588	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	12719	0.87	ug/L #	16
37) 1,2-Dichloropropane	6.703	63	5637	0.59	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1293	0.09	ug/L #	65
42) Toluene	7.977	91	8855	0.23	ug/L	92
44) trans-1,3-Dichloropropene	8.186	75	729	0.06	ug/L #	63
48) 2-Hexanone	8.642	43	12224	2.74	ug/L #	69
53) m,p-Xylene	9.697	106	961	0.07	ug/L #	39
59) 1,2,3-Trichloropropane	11.809	75	4784	0.76	ug/L	99

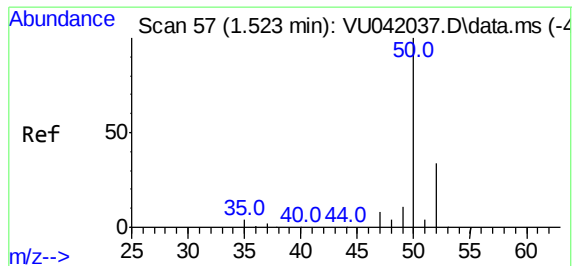
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.08 ug/L

RT: 1.524 min Scan# 57

Delta R.T. 0.000 min

Lab File: VU042046.D

Acq: 14 Jan 2021 21:12

Tgt Ion: 50 Resp: 1159

Ion Ratio Lower Upper

50 100

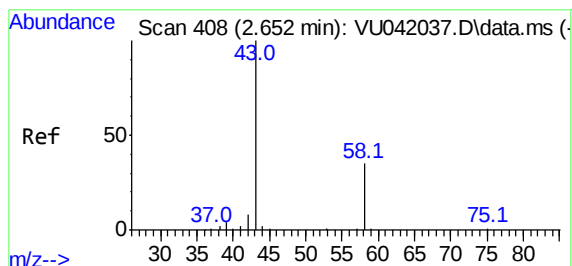
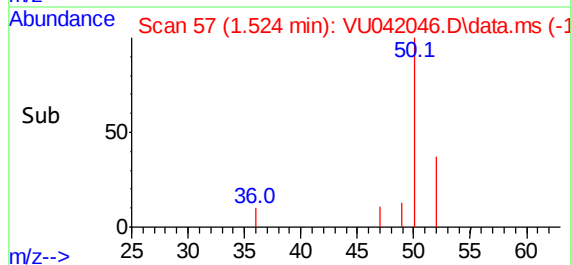
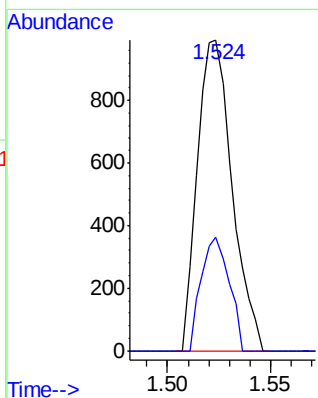
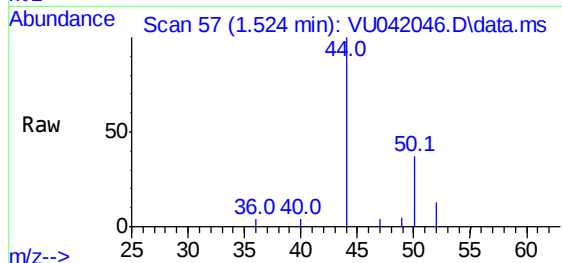
52 36.6 23.5 43.7

Instrument :

MSVOA_U

ClientSampled :

F1A16



#13

Acetone

Concen: 3.24 ug/L

RT: 2.659 min Scan# 410

Delta R.T. 0.007 min

Lab File: VU042046.D

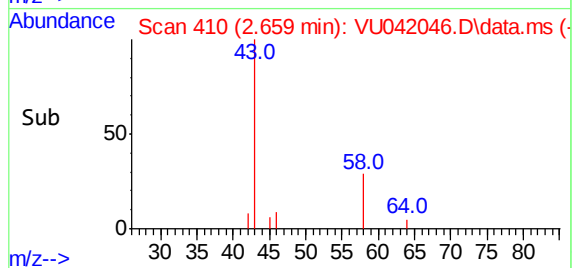
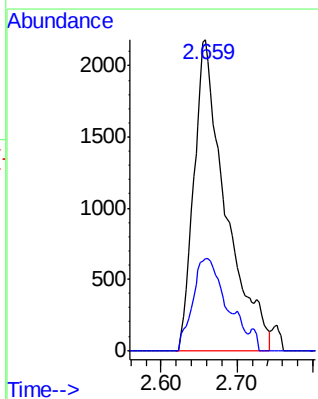
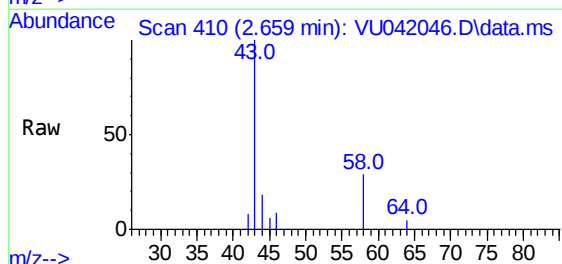
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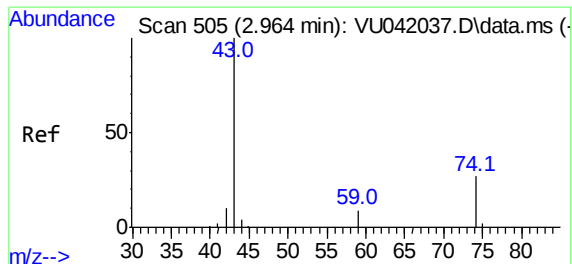
Tgt Ion: 43 Resp: 6273

Ion Ratio Lower Upper

43 100

58 31.5 0.0 57.4

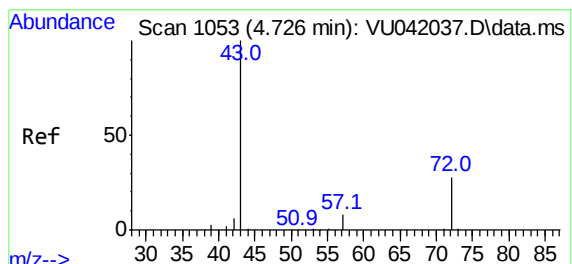
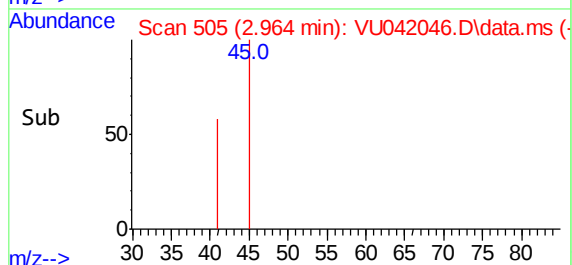
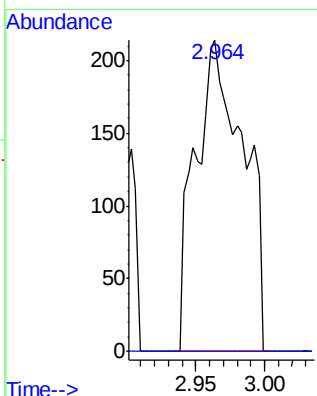
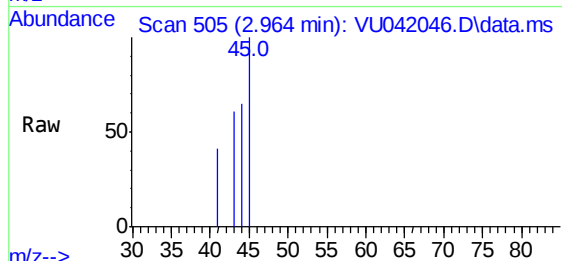




#15
Methyl Acetate
Concen: 0.11 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU042046.D
Acq: 14 Jan 2021 21:12

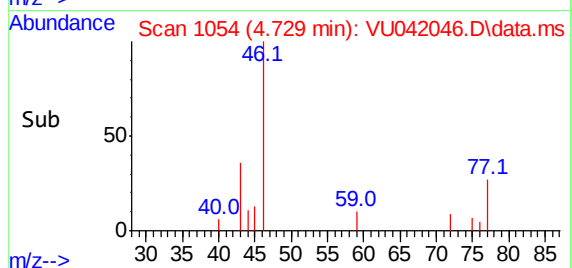
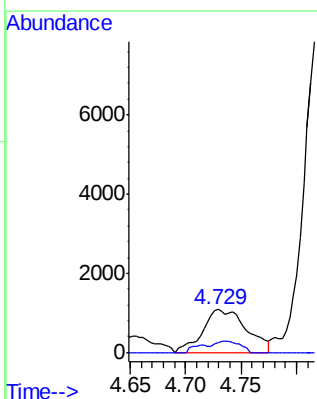
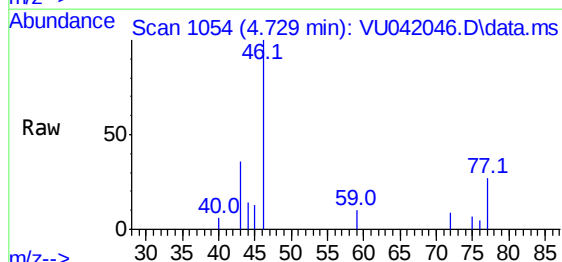
Instrument :
MSVOA_U
ClientSampled :
F1A16

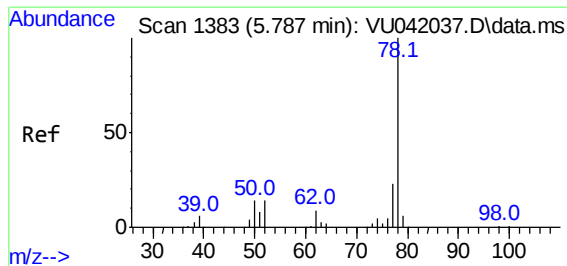
Tgt Ion: 43 Resp: 523
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#21
2-Butanone
Concen: 0.96 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.003 min
Lab File: VU042046.D
Acq: 14 Jan 2021 21:12

Tgt Ion: 43 Resp: 2959
Ion Ratio Lower Upper
43 100
72 16.0 13.7 41.1

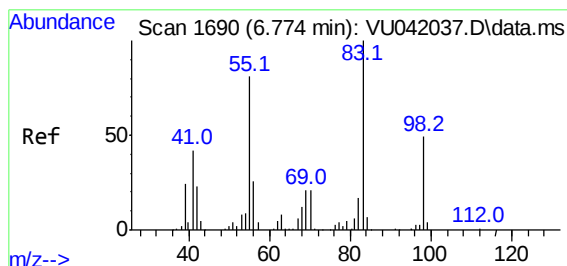
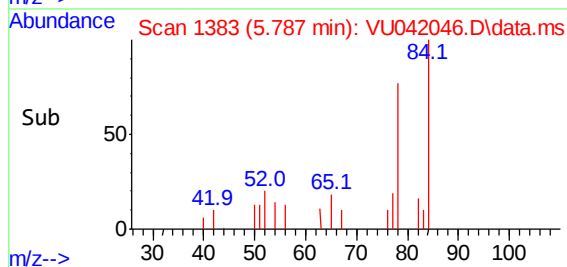
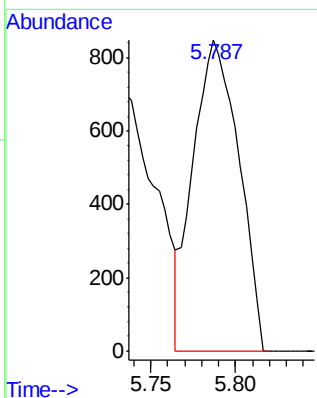
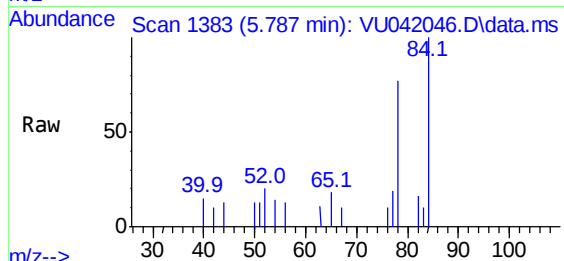




#33
Benzene
Concen: 0.04 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VU042046.D
Acq: 14 Jan 2021 21:12

Instrument :
MSVOA_U
ClientSampleId :
F1A16

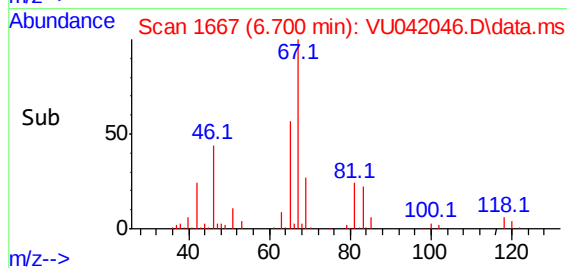
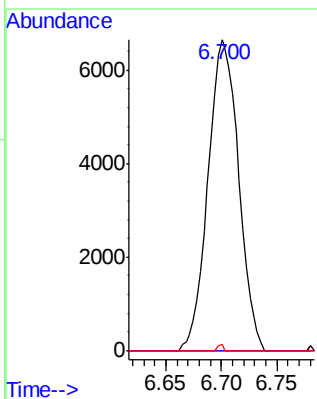
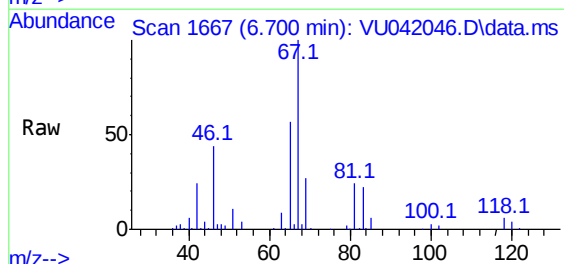
Tgt Ion: 78 Resp: 1588

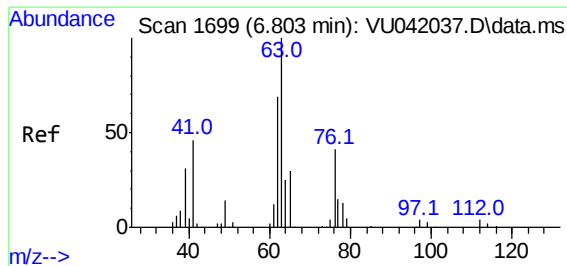


#35
Methylcyclohexane
Concen: 0.87 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042046.D
Acq: 14 Jan 2021 21:12

Tgt Ion: 83 Resp: 12719

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.8	100.2#
98	0.4	35.7	53.5#

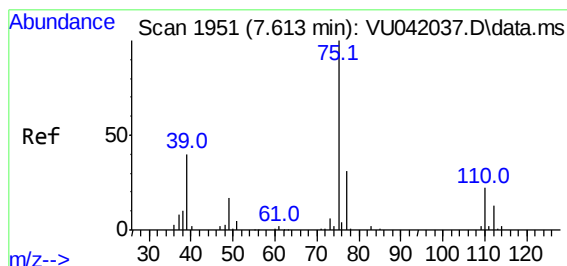
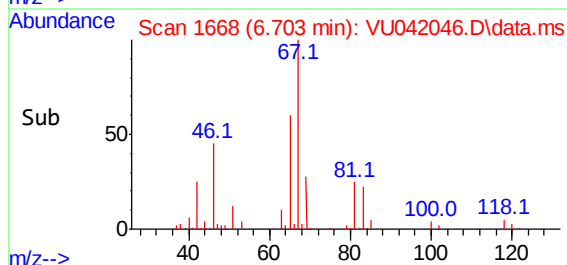
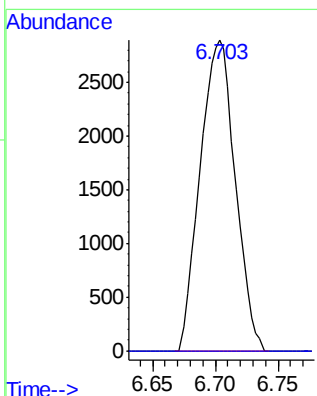
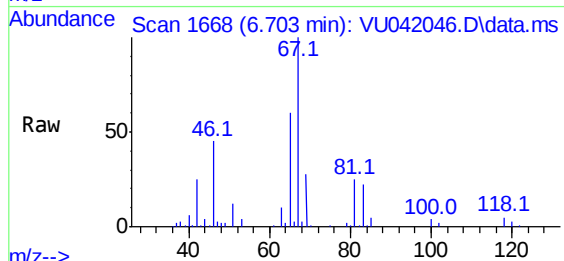




#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.099 min
Lab File: VU042046.D
Acq: 14 Jan 2021 21:12

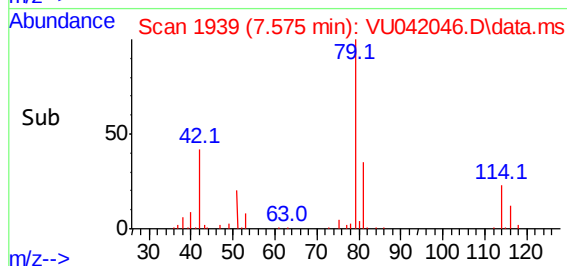
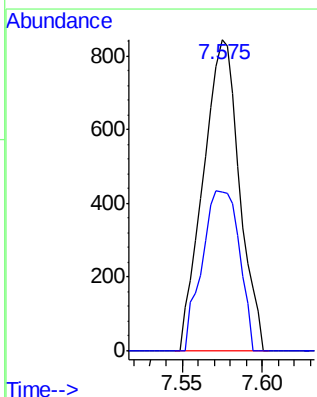
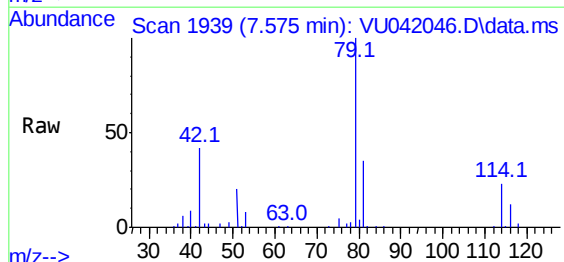
Instrument :
MSVOA_U
ClientSampleId :
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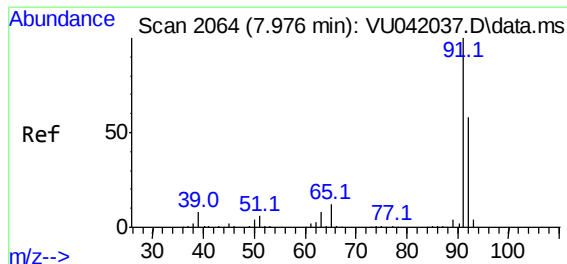
Tgt Ion: 63 Resp: 5637
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.038 min
Lab File: VU042046.D
Acq: 14 Jan 2021 21:12

Tgt Ion: 75 Resp: 1293
Ion Ratio Lower Upper
75 100
77 50.9 21.9 40.7#

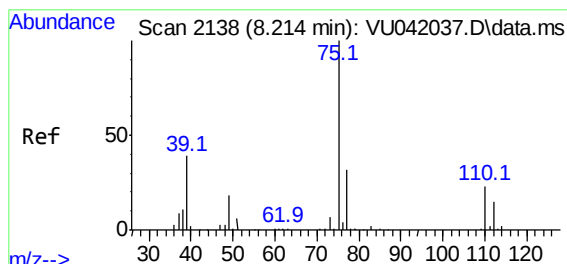
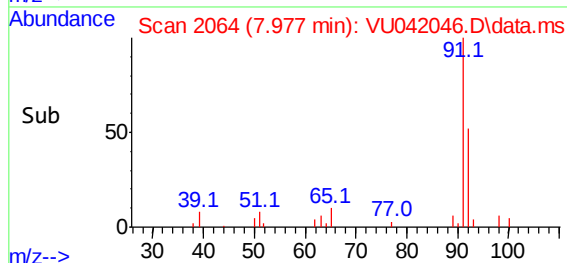
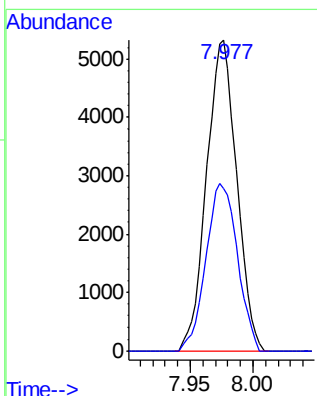
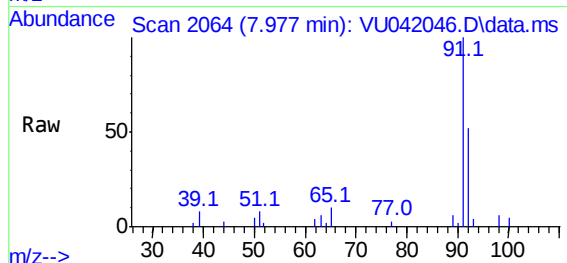




#42
Toluene
Concen: 0.23 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042046.D
Acq: 14 Jan 2021 21:12

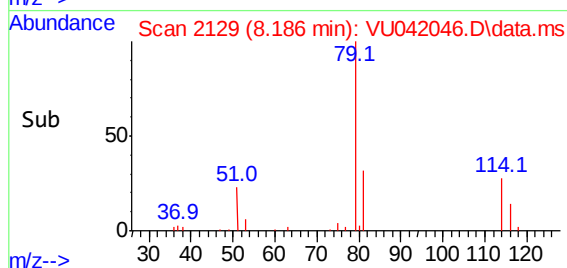
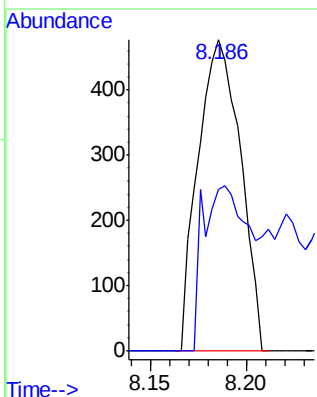
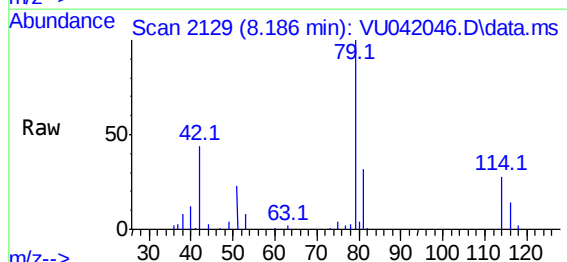
Instrument :
MSVOA_U
ClientSampled :
F1A16

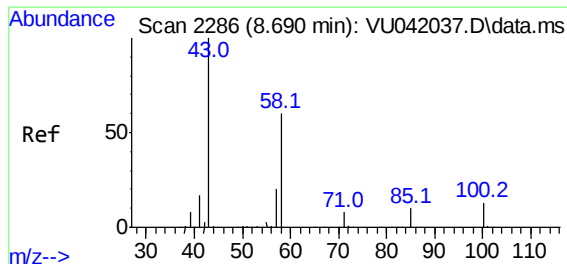
Tgt Ion: 91 Resp: 8855
Ion Ratio Lower Upper
91 100
92 52.4 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU042046.D
Acq: 14 Jan 2021 21:12

Tgt Ion: 75 Resp: 729
Ion Ratio Lower Upper
75 100
77 52.0 22.0 41.0#



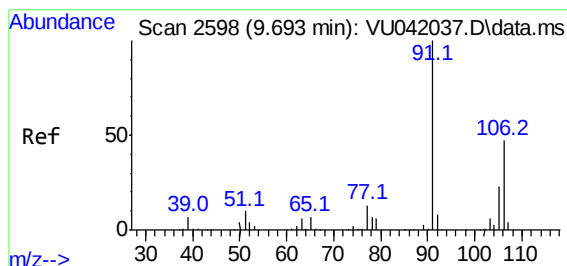
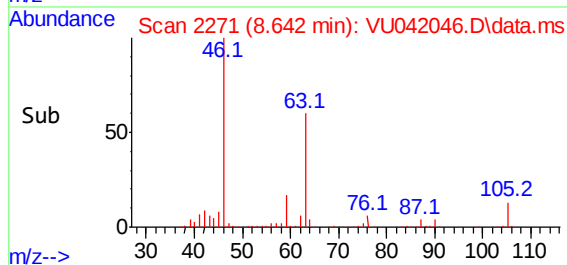
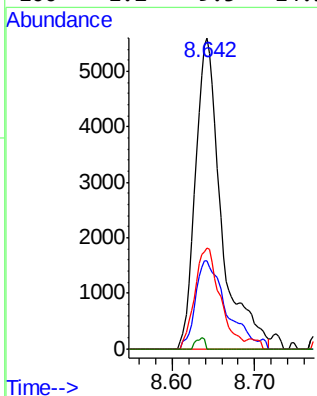
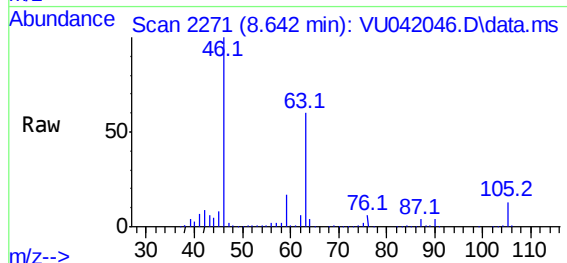


#48
2-Hexanone
Concen: 2.74 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042046.D
Acq: 14 Jan 2021 21:12

Instrument :
MSVOA_U
ClientSampled :
F1A16

Tgt Ion: 43 Resp: 12224

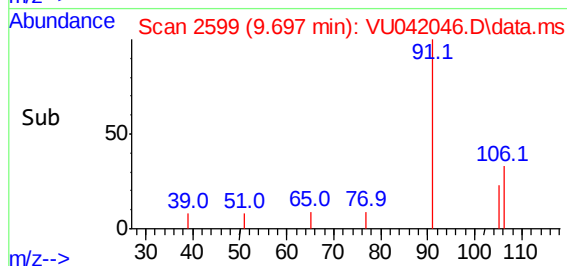
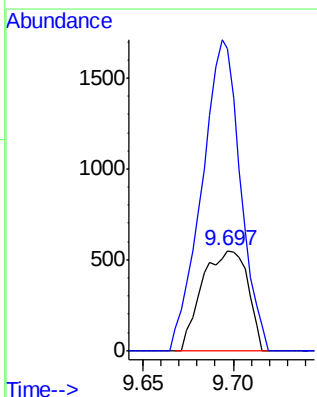
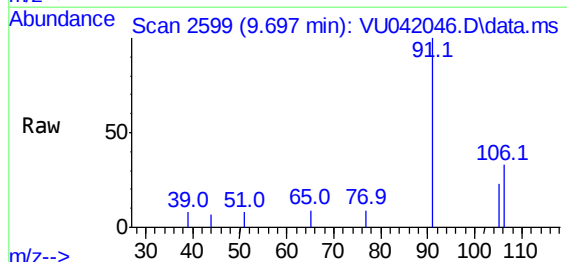
Ion	Ratio	Lower	Upper
43	100		
58	33.3	47.8	71.8#
57	31.8	17.4	26.0#
100	1.2	9.5	14.3#

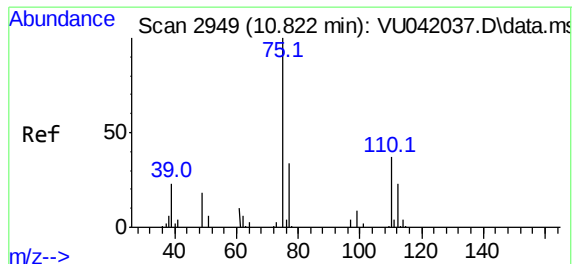


#53
m,p-Xylene
Concen: 0.07 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU042046.D
Acq: 14 Jan 2021 21:12

Tgt Ion: 106 Resp: 961

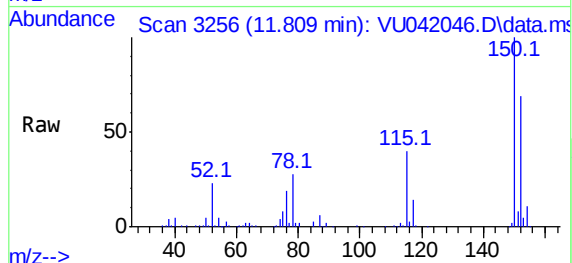
Ion	Ratio	Lower	Upper
106	100		
91	302.4	145.7	270.5#





#59
 1,2,3-Trichloropropane
 Concen: 0.76 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.987 min
 Lab File: VU042046.D
 Acq: 14 Jan 2021 21:12

Instrument :
 MSVOA_U
 ClientSampleId :
 F1A16



Tgt Ion: 75 Resp: 4784
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.6 38.4

