

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042721\
 Data File : VU043347.D
 Acq On : 27 Apr 2021 12:27
 Operator : SY/MD
 Sample : M2127-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 27 23:48:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 27 23:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	106306	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	105471	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	48104	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24716	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.919	69	22700	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.575	65	15935	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.80%
20) 2-Butanone-d5	4.649	46	132919	56.06	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.12%
24) Chloroform-d	5.073	84	66498	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.710	65	44841	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.735	84	122180	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.700	67	42543	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.906	98	101753	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloroprop...	8.185	79	15722	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.642	63	78861	43.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.94%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34918	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
66) 1,2-Dichlorobenzene-d4	12.198	152	41324	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

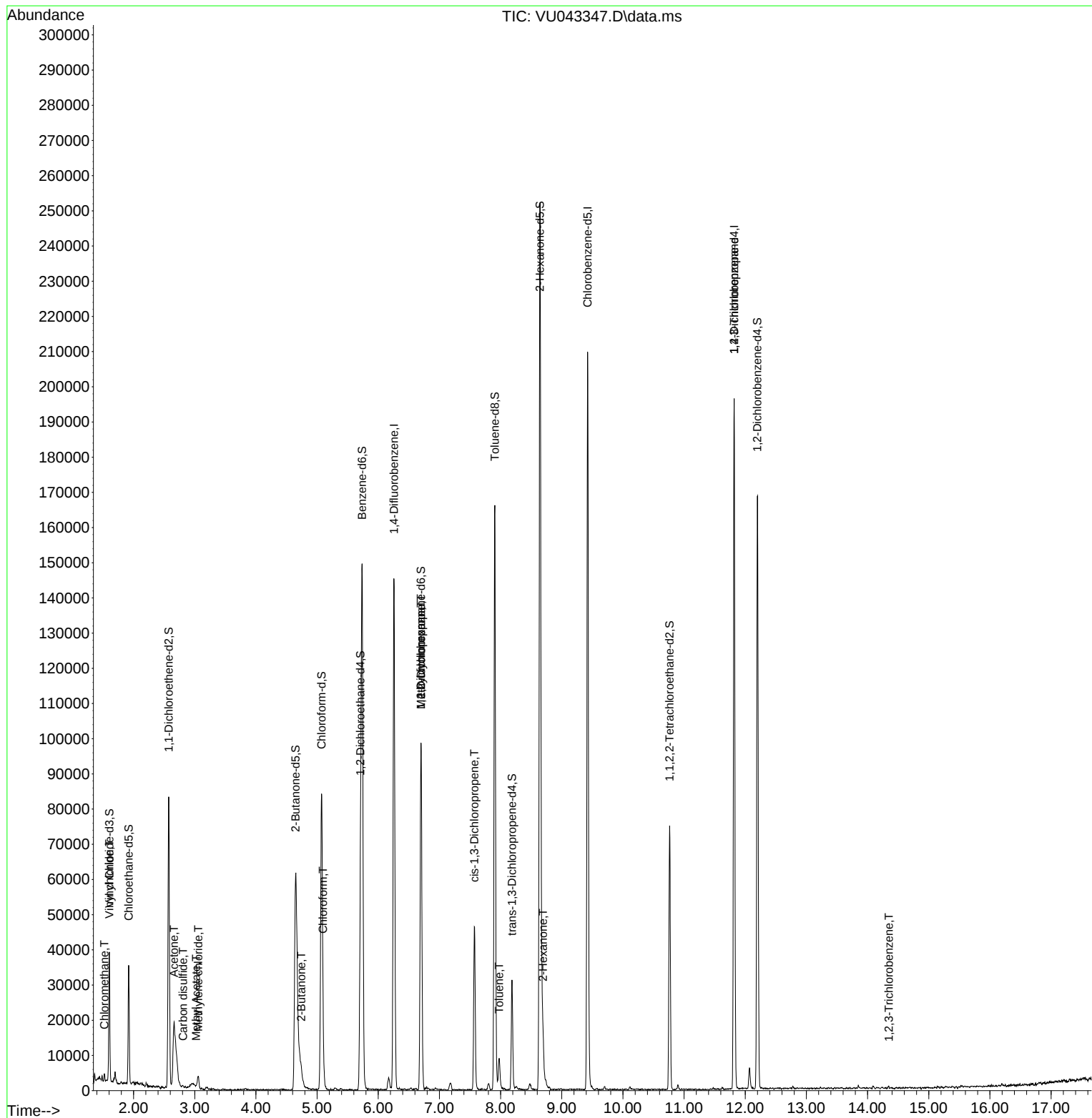
Target Compounds				Qvalue		
3) Chloromethane	1.523	50	1768	0.26	ug/L	90
5) Vinyl chloride	1.607	62	591	0.08	ug/L	# 9
13) Acetone	2.662	43	42844	24.59	ug/L	94
14) Carbon disulfide	2.806	76	1020	0.07	ug/L	# 74
15) Methyl Acetate	3.025	43	358	0.11	ug/L	# 48
16) Methylene chloride	3.057	84	1481	0.19	ug/L	85
21) 2-Butanone	4.742	43	9884	3.44	ug/L	# 55
25) Chloroform	5.096	83	3155	0.22	ug/L	95
35) Methylcyclohexane	6.697	83	9466	0.88	ug/L	# 19
37) 1,2-Dichloropropane	6.697	63	4877	0.61	ug/L	# 87
39) cis-1,3-Dichloropropene	7.571	75	1103	0.10	ug/L	# 28
42) Toluene	7.977	91	6186	0.20	ug/L	95
48) 2-Hexanone	8.694	43	7379	1.41	ug/L	# 72
61) 1,2,3-Trichloropropane	11.819	75	5981	1.20	ug/L	# 66
72) 1,2,3-Trichlorobenzene	14.346	180	323	0.04	ug/L	# 77

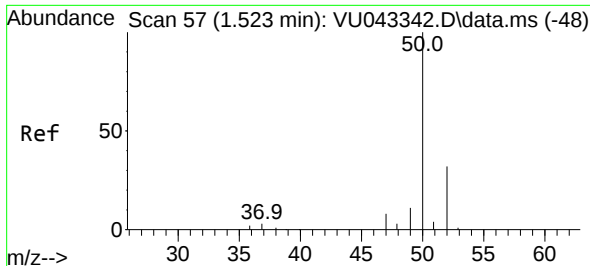
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042721\
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Quant Time: Apr 27 23:48:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 27 23:46:47 2021
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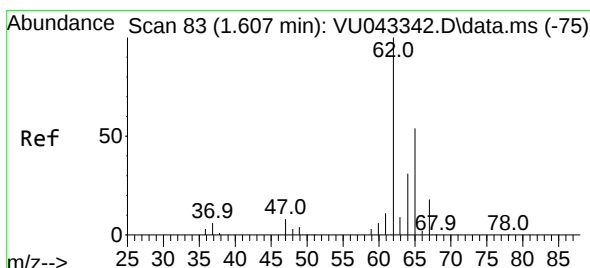
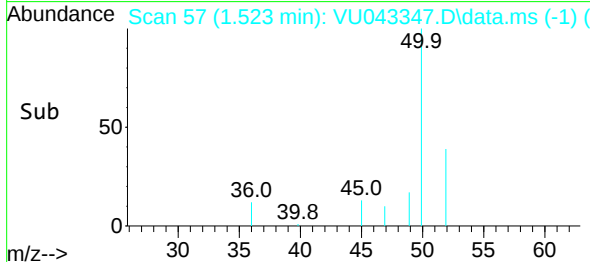
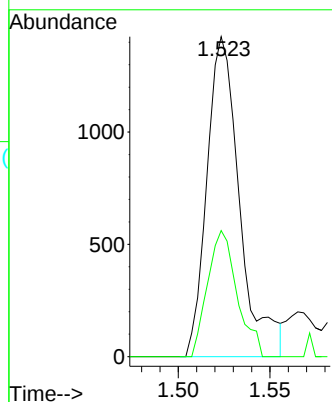
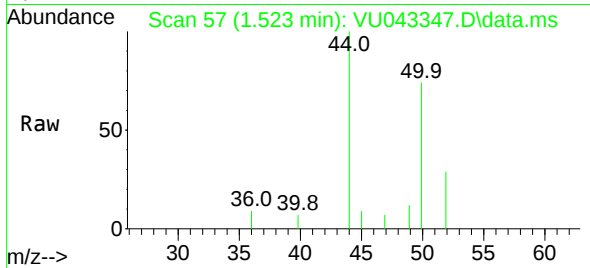




#3
Chloromethane
Concen: 0.26 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043347.D
Acq: 27 Apr 2021 12:27

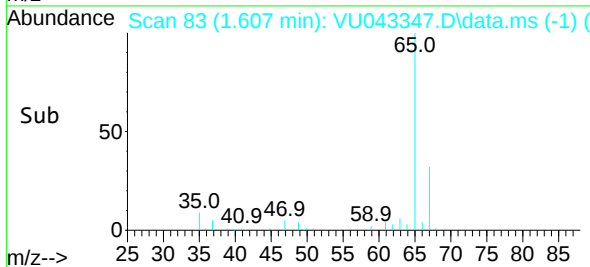
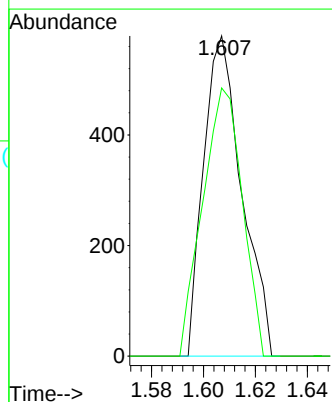
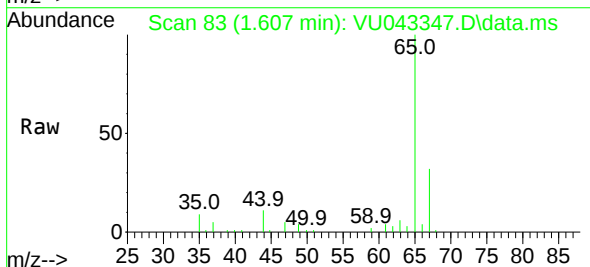
Instrument :
MSVOA_U
ClientSampled :

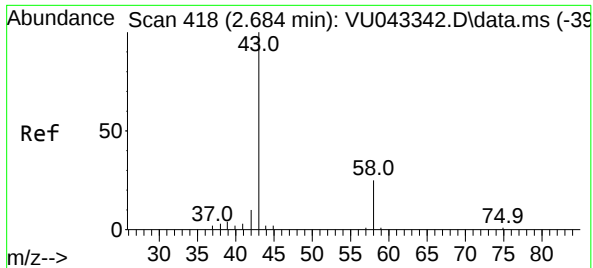
Tgt Ion: 50 Resp: 1768
Ion Ratio Lower Upper
50 100
52 39.4 23.6 43.8



#5
Vinyl chloride
Concen: 0.08 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU043347.D
Acq: 27 Apr 2021 12:27

Tgt Ion: 62 Resp: 591
Ion Ratio Lower Upper
62 100
64 83.8 22.8 42.4#

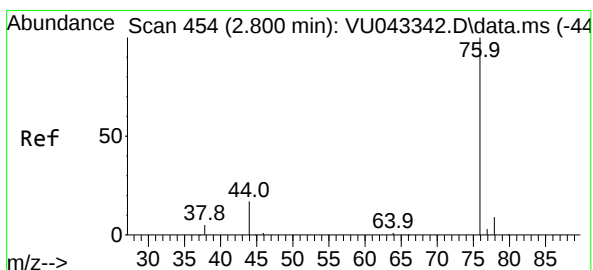
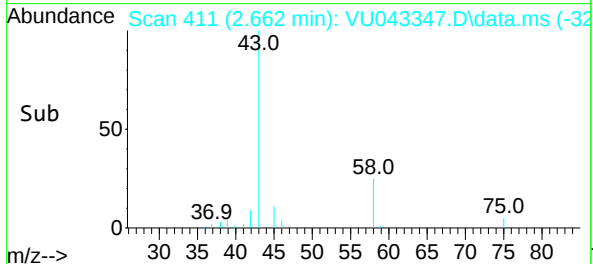
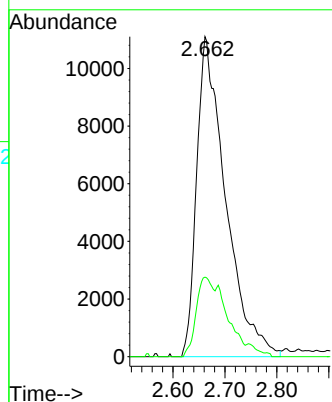
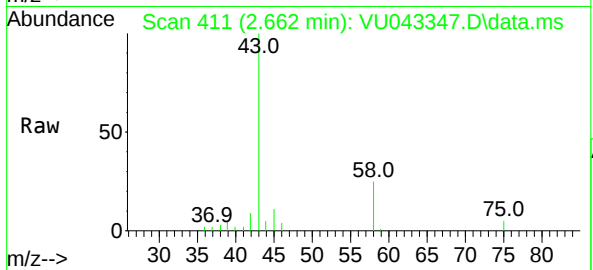




#13
Acetone
Concen: 24.59 ug/L
RT: 2.662 min Scan# 411
Delta R.T. -0.023 min
Lab File: VU043347.D
Acq: 27 Apr 2021 12:27

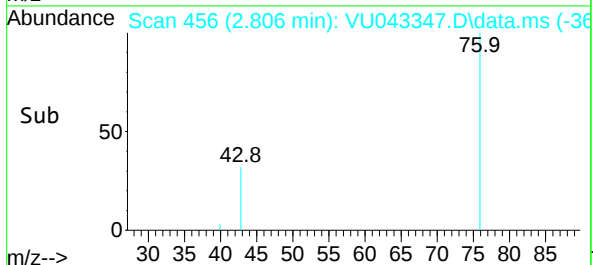
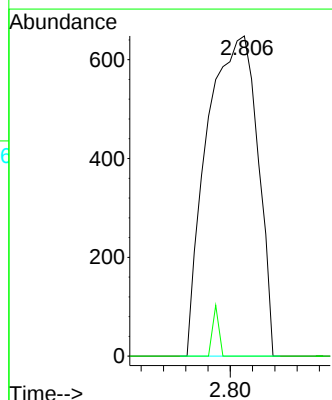
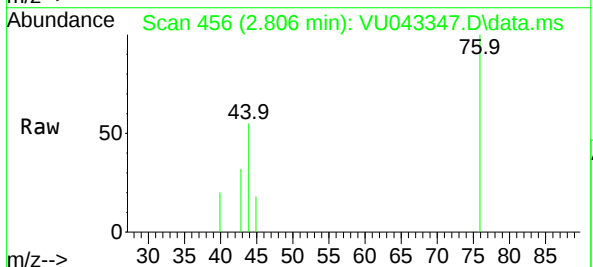
Instrument :
MSVOA_U
ClientSampled :

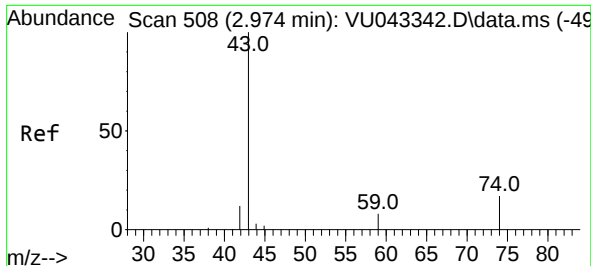
Tgt Ion: 43 Resp: 42844
Ion Ratio Lower Upper
43 100
58 14.9 0.0 25.0



#14
Carbon disulfide
Concen: 0.07 ug/L
RT: 2.806 min Scan# 456
Delta R.T. 0.006 min
Lab File: VU043347.D
Acq: 27 Apr 2021 12:27

Tgt Ion: 76 Resp: 1020
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

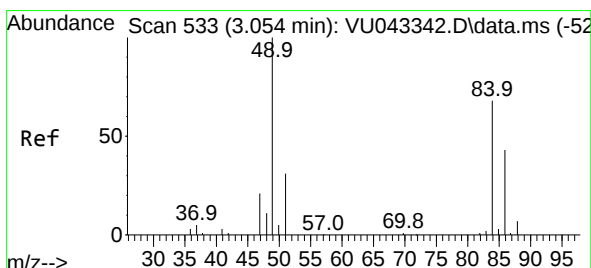
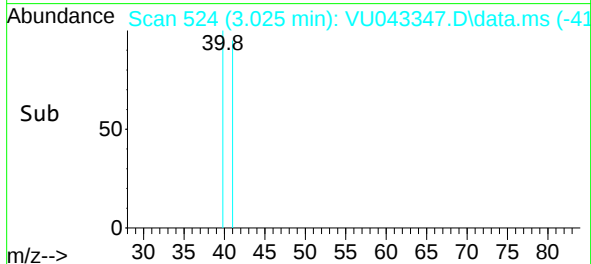
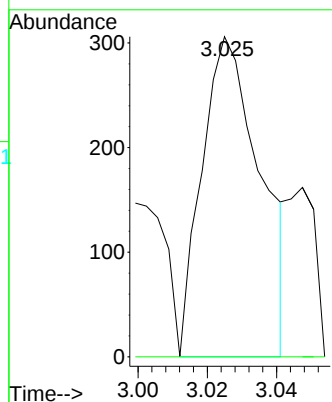
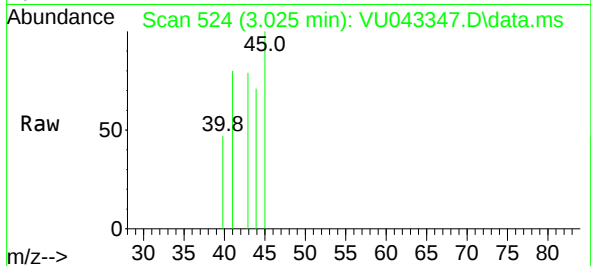




#15
Methyl Acetate
Concen: 0.11 ug/L
RT: 3.025 min Scan# 524
Delta R.T. 0.051 min
Lab File: VU043347.D
Acq: 27 Apr 2021 12:27

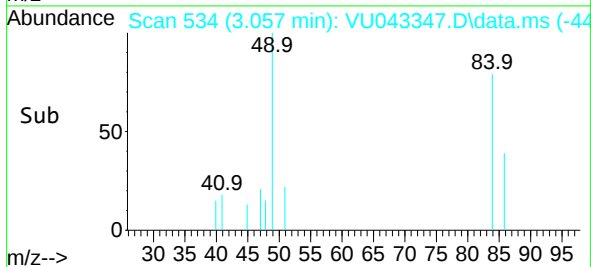
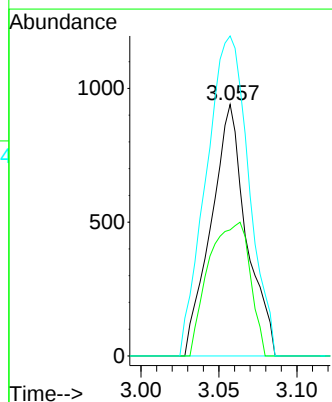
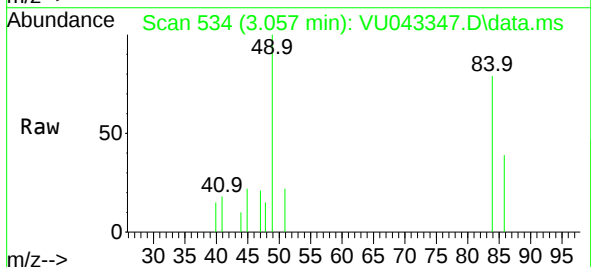
Instrument :
MSVOA_U
ClientSampled :

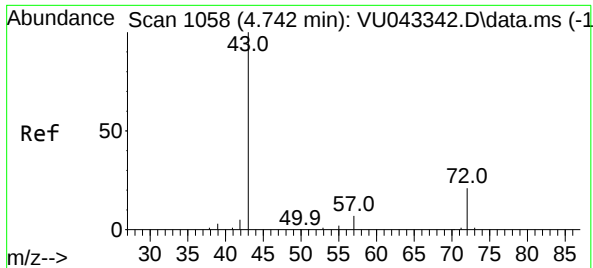
Tgt Ion: 43 Resp: 358
Ion Ratio Lower Upper
43 100
74 0.0 21.5 32.3#



#16
Methylene chloride
Concen: 0.19 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043347.D
Acq: 27 Apr 2021 12:27

Tgt Ion: 84 Resp: 1481
Ion Ratio Lower Upper
84 100
86 50.1 44.9 83.5
49 127.2 79.0 146.8

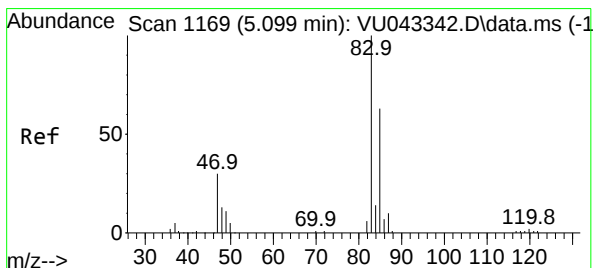
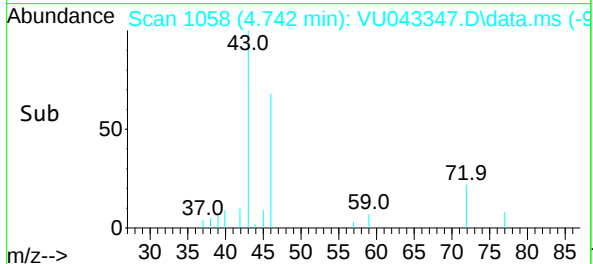
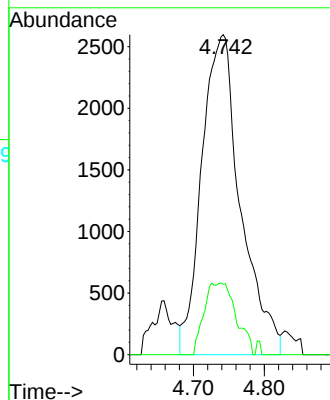
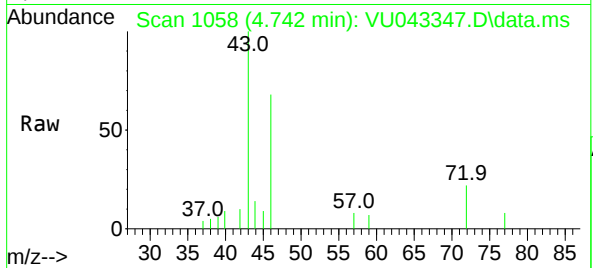




#21
2-Butanone
Concen: 3.44 ug/L
RT: 4.742 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VU043347.D
Acq: 27 Apr 2021 12:27

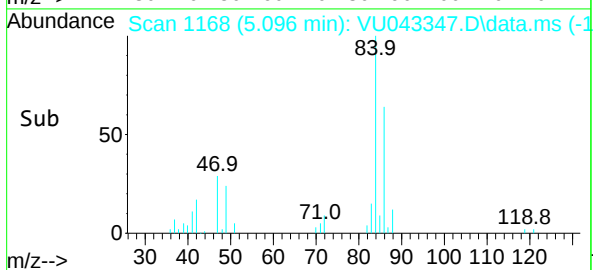
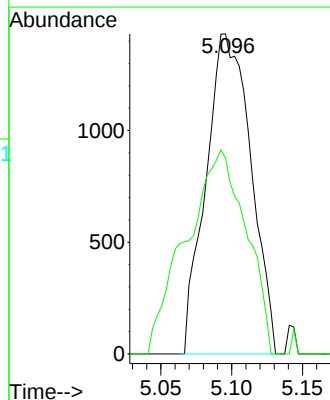
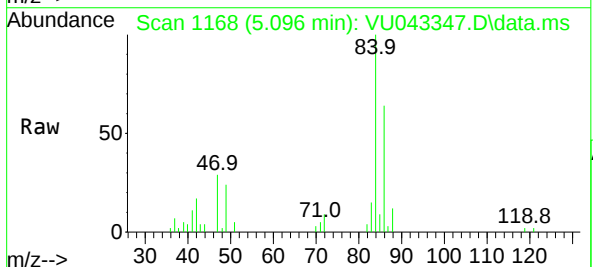
Instrument :
MSVOA_U
ClientSampled :

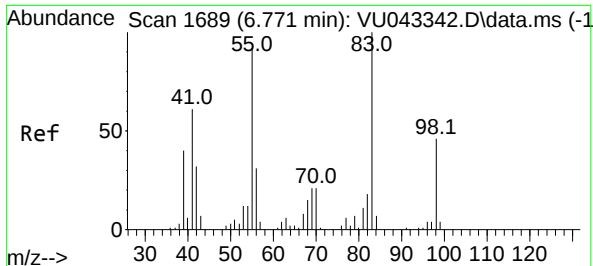
Tgt Ion: 43 Resp: 9884
Ion Ratio Lower Upper
43 100
72 6.6 15.8 47.3#



#25
Chloroform
Concen: 0.22 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043347.D
Acq: 27 Apr 2021 12:27

Tgt Ion: 83 Resp: 3155
Ion Ratio Lower Upper
83 100
85 61.3 45.6 84.8





#35

Methylcyclohexane

Concen: 0.88 ug/L

RT: 6.697 min Scan# 1666

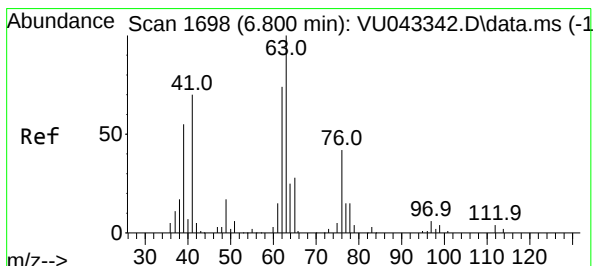
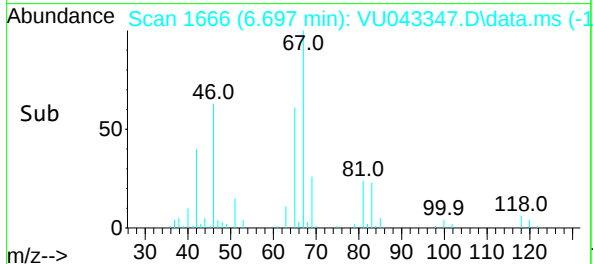
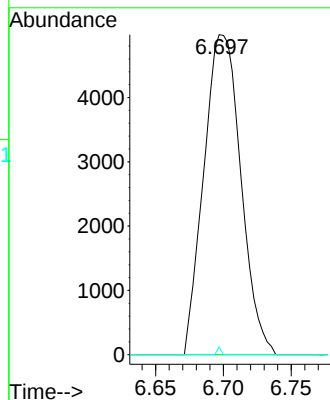
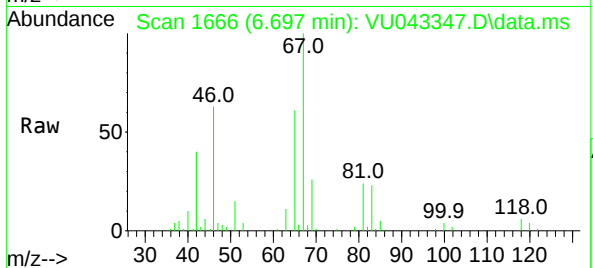
Delta R.T. -0.074 min

Lab File: VU043347.D

Acq: 27 Apr 2021 12:27

Tgt Ion:	83	Resp:	9466
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.2	37.9	56.9#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.61 ug/L

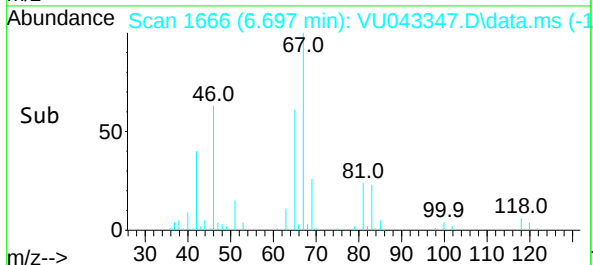
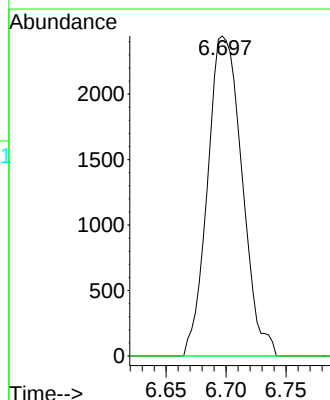
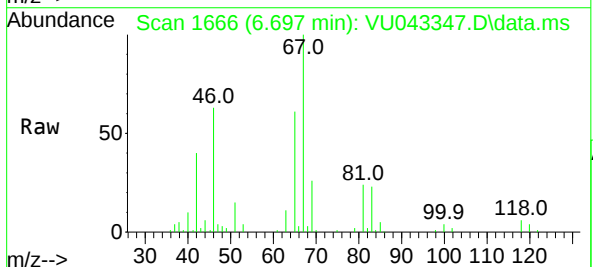
RT: 6.697 min Scan# 1666

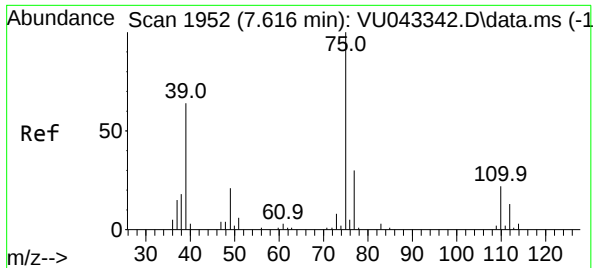
Delta R.T. -0.103 min

Lab File: VU043347.D

Acq: 27 Apr 2021 12:27

Tgt Ion:	63	Resp:	4877
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



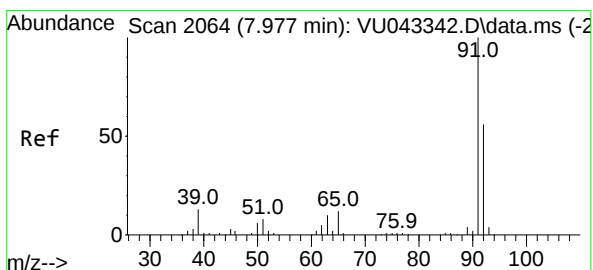
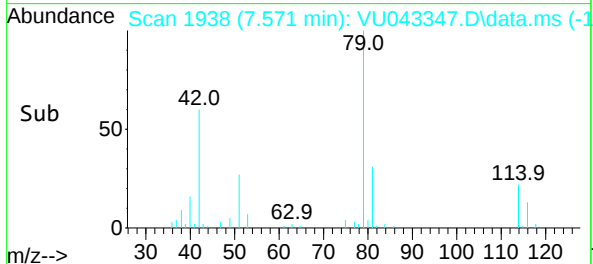
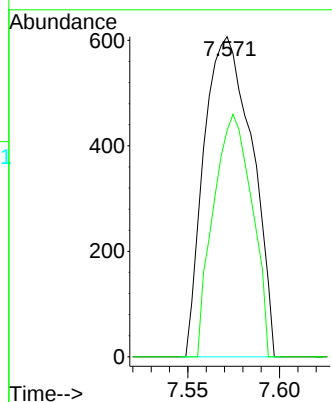
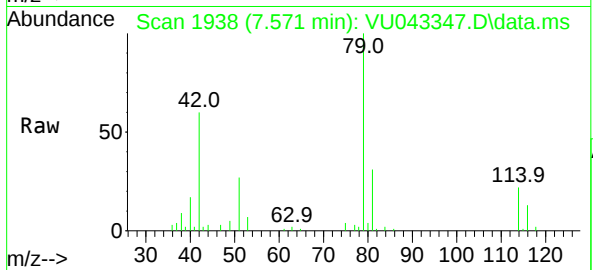


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043347.D
Acq: 27 Apr 2021 12:27

Instrument :
MSVOA_U
ClientSampled :

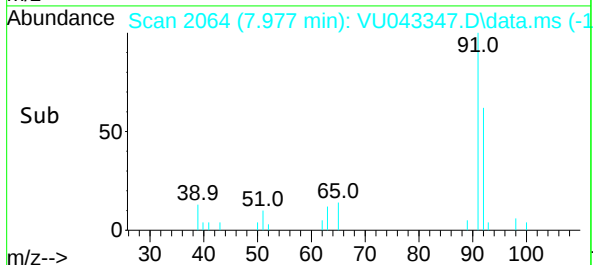
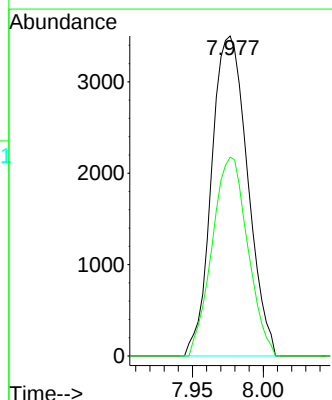
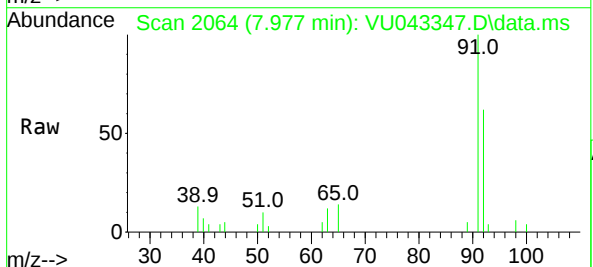
Tgt Ion: 75 Resp: 1103
Ion Ratio Lower Upper
75 100
77 70.7 21.8 40.6#

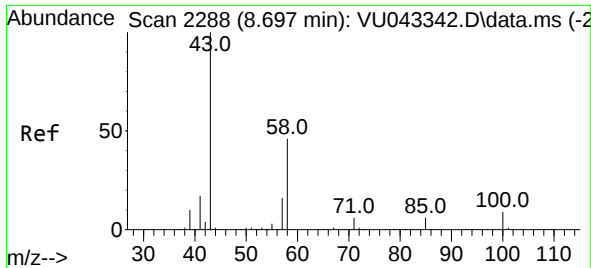


#42

Toluene
Concen: 0.20 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043347.D
Acq: 27 Apr 2021 12:27

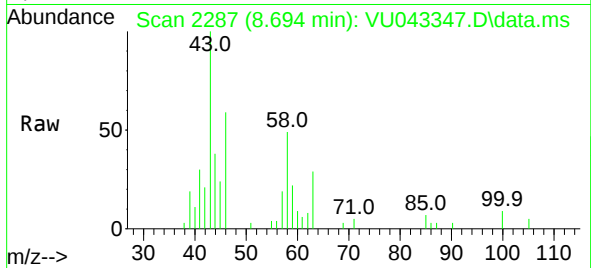
Tgt Ion: 91 Resp: 6186
Ion Ratio Lower Upper
91 100
92 62.1 40.9 76.0





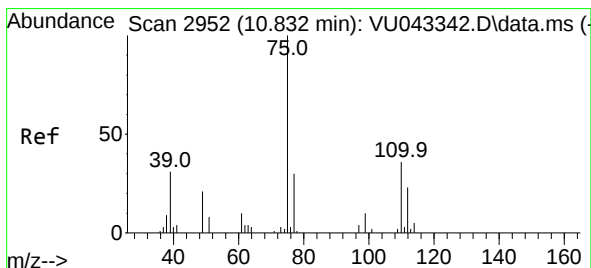
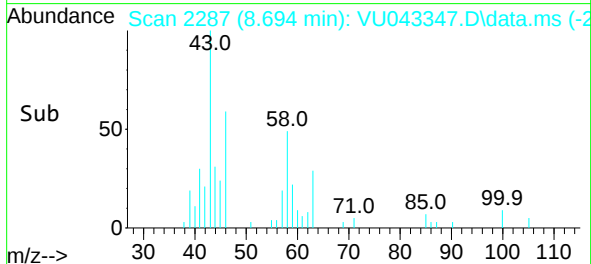
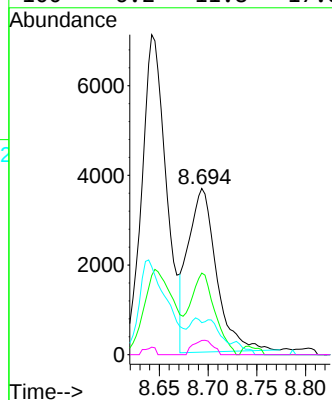
#48
2-Hexanone
Concen: 1.41 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043347.D
Acq: 27 Apr 2021 12:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 7379

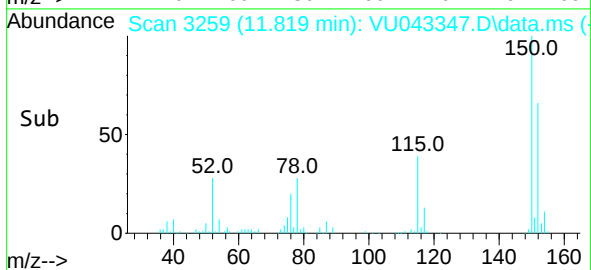
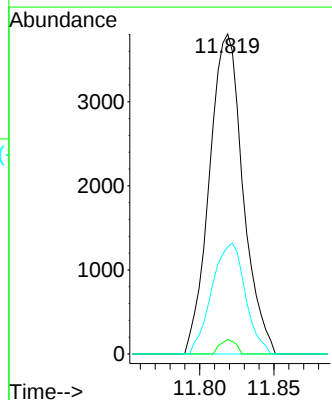
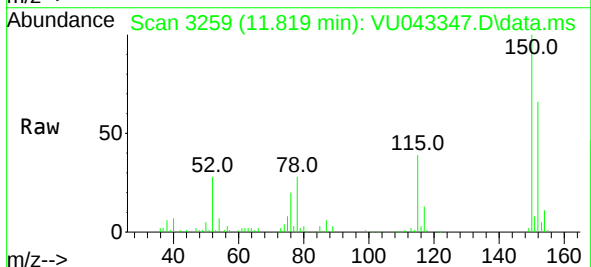
Ion	Ratio	Lower	Upper
43	100		
58	42.6	50.0	75.0#
57	2.3	17.4	26.0#
100	6.2	11.8	17.8#

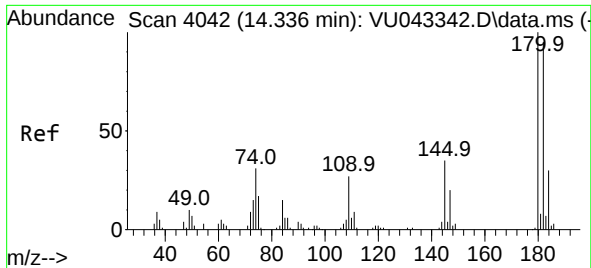


#61
1,2,3-Trichloropropane
Concen: 1.20 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043347.D
Acq: 27 Apr 2021 12:27

Tgt Ion: 75 Resp: 5981

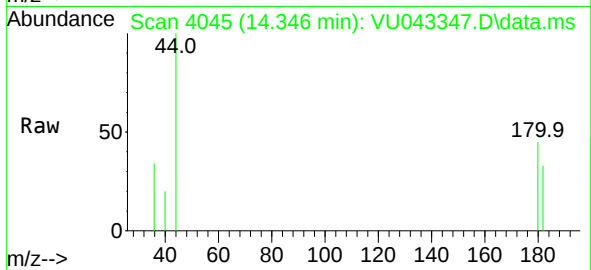
Ion	Ratio	Lower	Upper
75	100		
110	2.2	31.5	47.3#
77	34.4	26.3	39.5





#72
 1,2,3-Trichlorobenzene
 Concen: 0.04 ug/L
 RT: 14.346 min Scan# 4045
 Delta R.T. 0.010 min
 Lab File: VU043347.D
 Acq: 27 Apr 2021 12:27

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 323
 Ion Ratio Lower Upper
 180 100
 182 83.3 75.8 113.8
 145 0.0 25.0 37.4#

