

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042621\
 Data File : VU043339.D
 Acq On : 26 Apr 2021 20:37
 Operator : SY/MD
 Sample : M2127-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 26 23:45:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 26 23:40:31 2021
 Response via : Initial Calibration

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

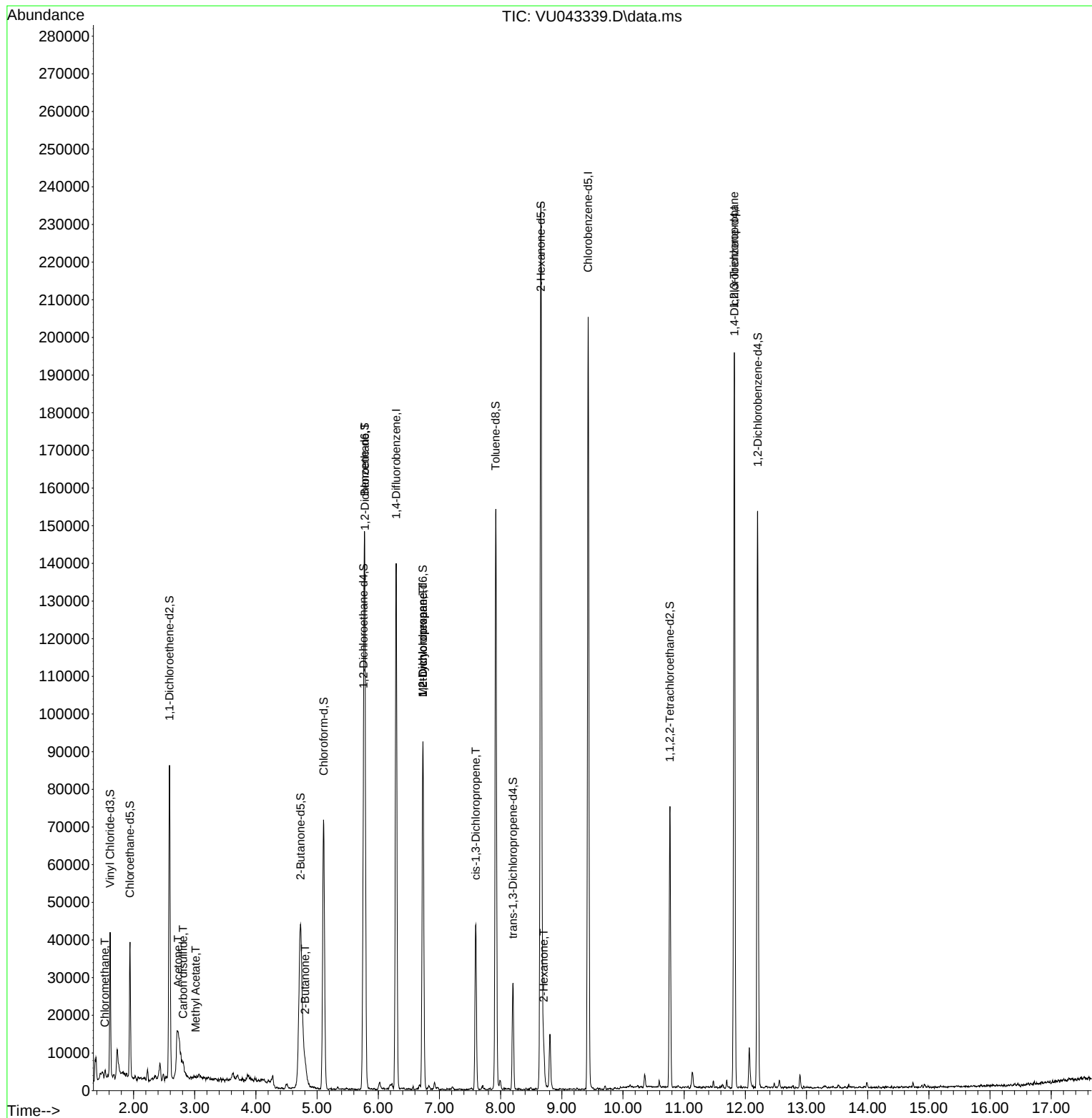
Internal Standards						
1) 1,4-Difluorobenzene	6.292	114	98562	5.00	ug/L	# 0.04
28) Chlorobenzene-d5	9.430	117	100855	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	46577	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.617	65	25346	5.06	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.942	69	22977	4.87	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.588	65	15321	5.28	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.60%
20) 2-Butanone-d5	4.729	46	114671	52.16	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.32%
24) Chloroform-d	5.105	84	63685	5.00	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.758	65	41923	4.86	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.777	84	110038	4.69	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.729	67	39101	5.02	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.919	98	92275	3.78	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
43) trans-1,3-Dichloroprop...	8.202	79	14627	4.25	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.658	63	68064	39.68	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.36%
56) 1,1,2,2-Tetrachloroeth...	10.768	84	32322	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
66) 1,2-Dichlorobenzene-d4	12.202	152	36884	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%
Target Compounds						Qvalue
3) Chloromethane	1.530	50	1398	0.22	ug/L	99
13) Acetone	2.729	43	15037	9.31	ug/L	# 1
14) Carbon disulfide	2.807	76	1975	0.14	ug/L	# 95
15) Methyl Acetate	3.015	43	518	0.17	ug/L	# 48
21) 2-Butanone	4.803	43	5241	1.97	ug/L	80
27) 1,2-Dichloroethane	5.781	62	757	0.08	ug/L	# 74
35) Methylcyclohexane	6.729	83	8904	0.87	ug/L	# 19
37) 1,2-Dichloropropane	6.729	63	4851	0.64	ug/L	# 87
39) cis-1,3-Dichloropropene	7.594	75	957	0.09	ug/L	# 29
48) 2-Hexanone	8.707	43	5216	1.04	ug/L	# 71
61) 1,2,3-Trichloropropane	11.819	75	6068	1.26	ug/L	# 58

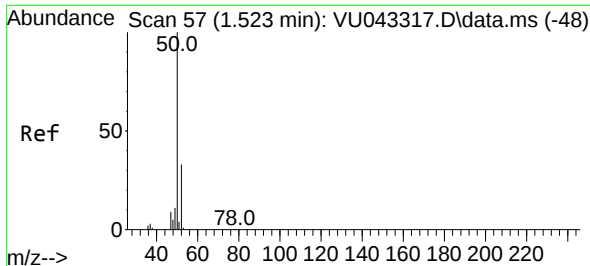
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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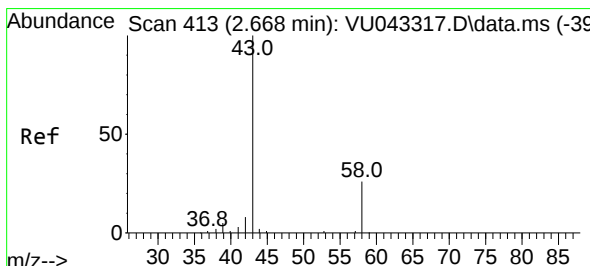
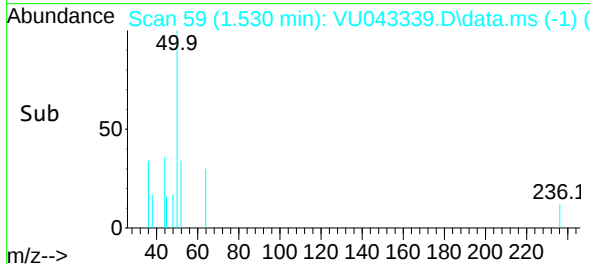
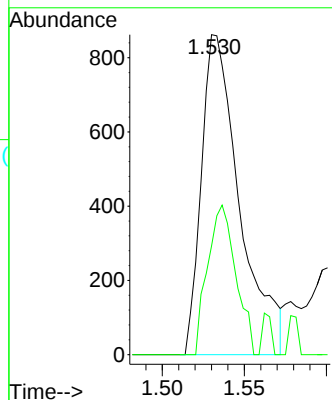
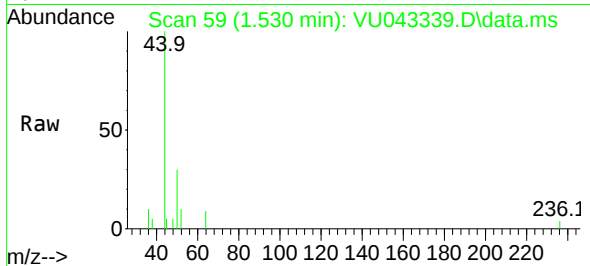




#3
Chloromethane
Concen: 0.22 ug/L
RT: 1.530 min Scan# 59
Delta R.T. 0.007 min
Lab File: VU043339.D
Acq: 26 Apr 2021 20:37

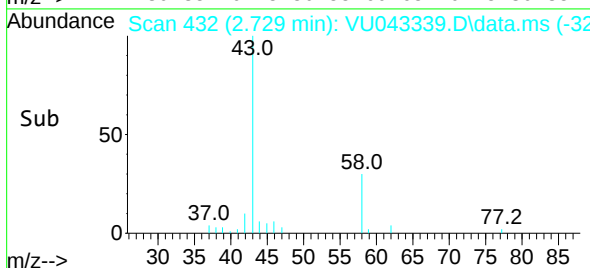
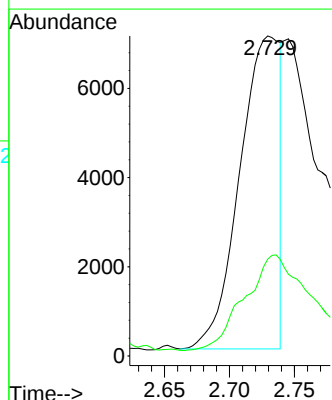
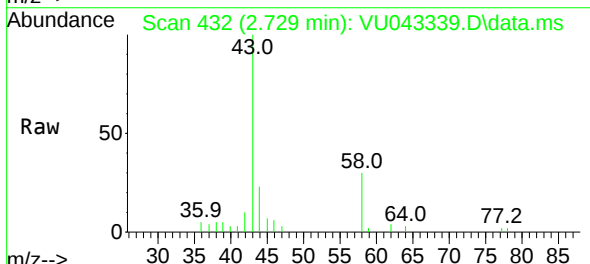
Instrument :
MSVOA_U
ClientSampleId :

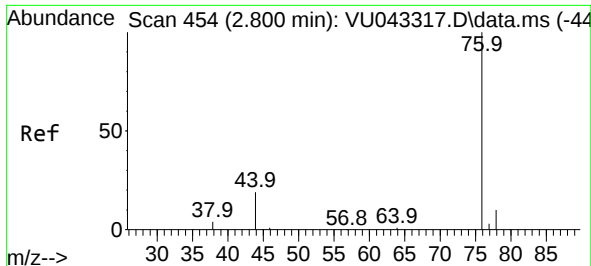
Tgt Ion: 50 Resp: 1398
Ion Ratio Lower Upper
50 100
52 34.0 23.6 43.8



#13
Acetone
Concen: 9.31 ug/L
RT: 2.729 min Scan# 432
Delta R.T. 0.061 min
Lab File: VU043339.D
Acq: 26 Apr 2021 20:37

Tgt Ion: 43 Resp: 15037
Ion Ratio Lower Upper
43 100
58 56.8 0.0 25.0#

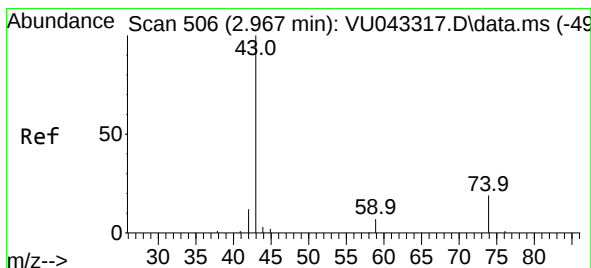
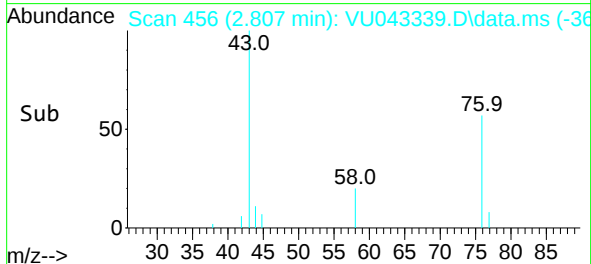
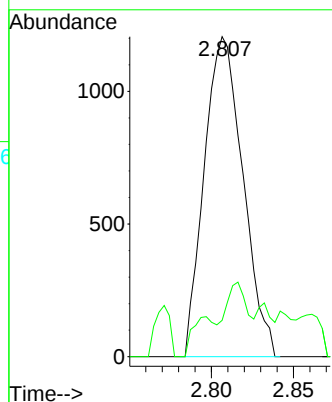
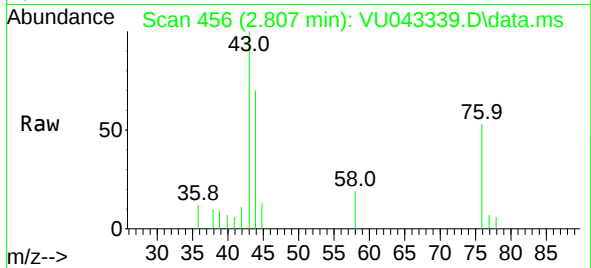




#14
Carbon disulfide
Concen: 0.14 ug/L
RT: 2.807 min Scan# 456
Delta R.T. 0.007 min
Lab File: VU043339.D
Acq: 26 Apr 2021 20:37

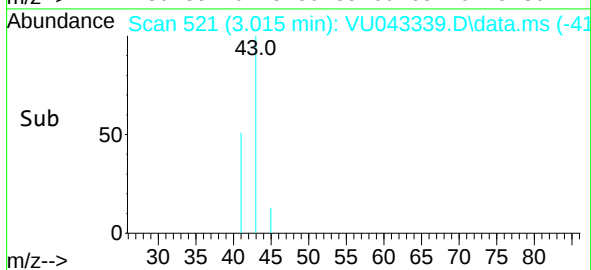
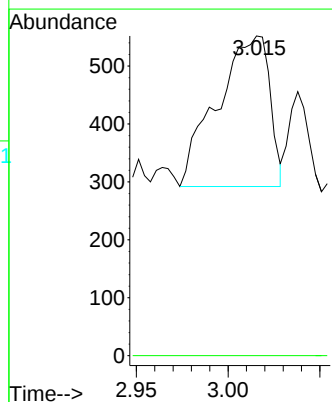
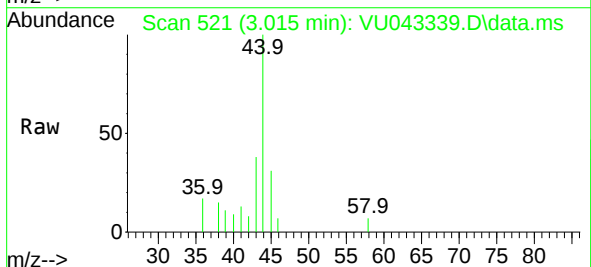
Instrument :
MSVOA_U
ClientSampled :

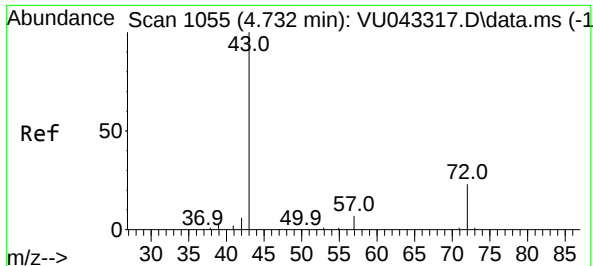
Tgt Ion: 76 Resp: 1975
Ion Ratio Lower Upper
76 100
78 11.4 7.5 11.3#



#15
Methyl Acetate
Concen: 0.17 ug/L
RT: 3.015 min Scan# 521
Delta R.T. 0.048 min
Lab File: VU043339.D
Acq: 26 Apr 2021 20:37

Tgt Ion: 43 Resp: 518
Ion Ratio Lower Upper
43 100
74 0.0 21.5 32.3#





#21

2-Butanone

Concen: 1.97 ug/L

RT: 4.803 min Scan# 1077

Delta R.T. 0.071 min

Lab File: VU043339.D

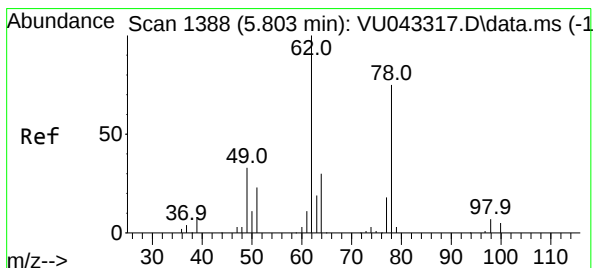
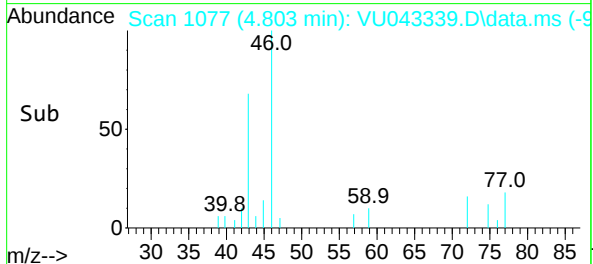
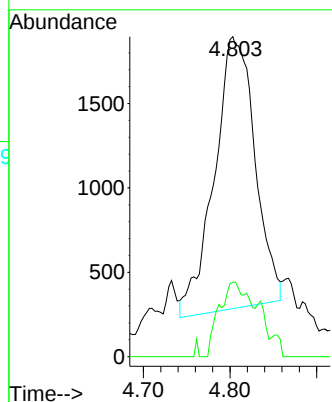
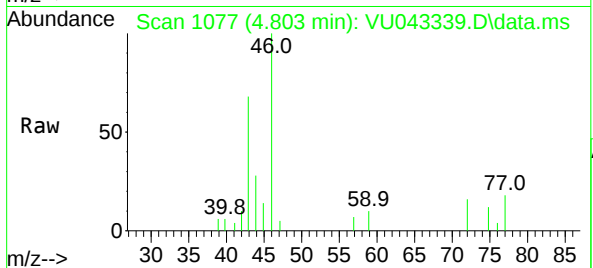
Acq: 26 Apr 2021 20:37

Tgt Ion: 43 Resp: 5241

Ion Ratio Lower Upper

43 100

72 20.6 15.8 47.3



#27

1,2-Dichloroethane

Concen: 0.08 ug/L

RT: 5.781 min Scan# 1381

Delta R.T. -0.022 min

Lab File: VU043339.D

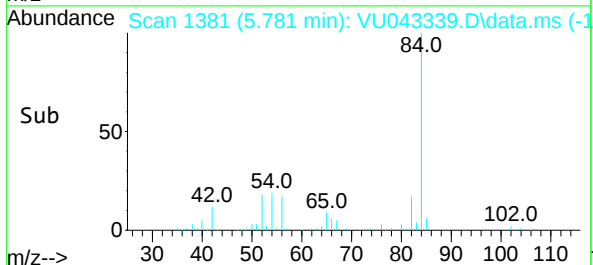
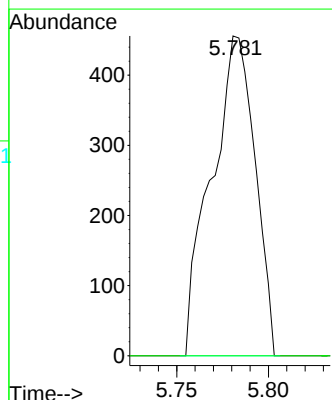
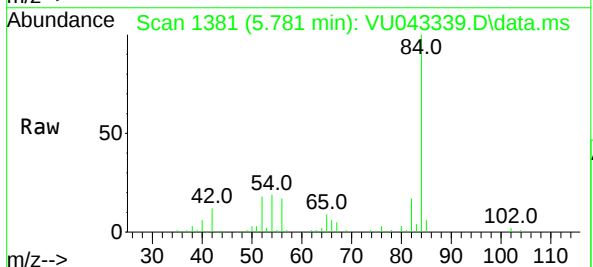
Acq: 26 Apr 2021 20:37

Tgt Ion: 62 Resp: 757

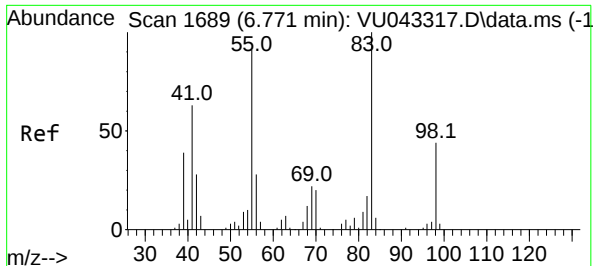
Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#



Instrument :
MSVOA_U
ClientSampled :



#35

Methylcyclohexane

Concen: 0.87 ug/L

RT: 6.729 min Scan# 1676

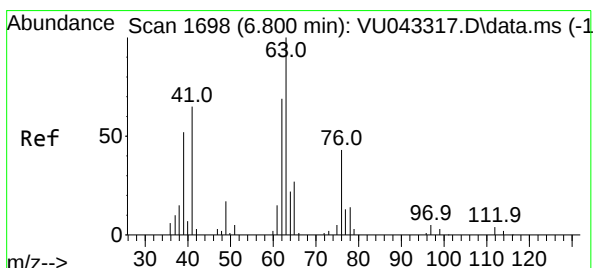
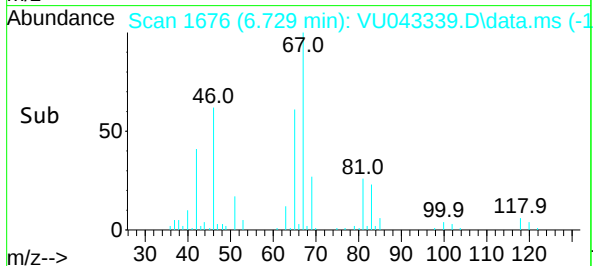
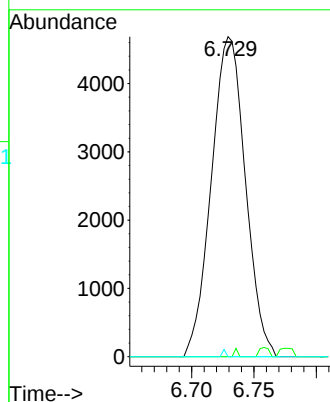
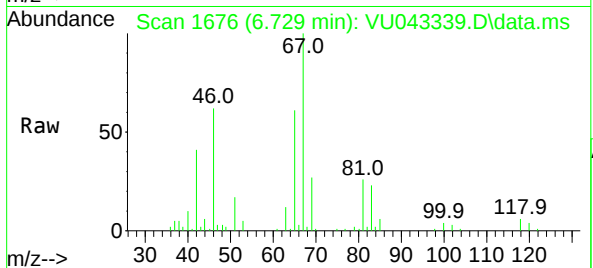
Delta R.T. -0.042 min

Lab File: VU043339.D

Acq: 26 Apr 2021 20:37

Tgt Ion:	83	Resp:	8904
Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.5	89.3#
98	0.2	37.9	56.9#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.64 ug/L

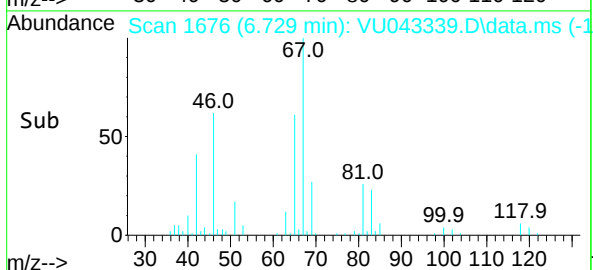
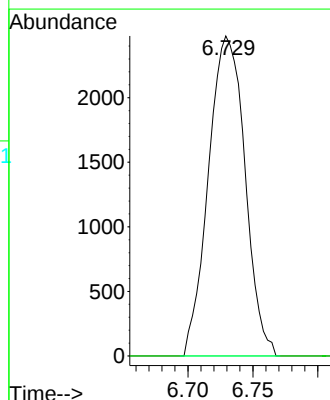
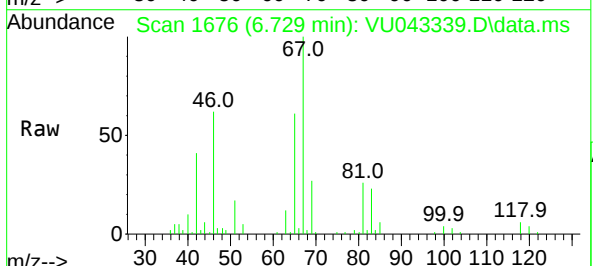
RT: 6.729 min Scan# 1676

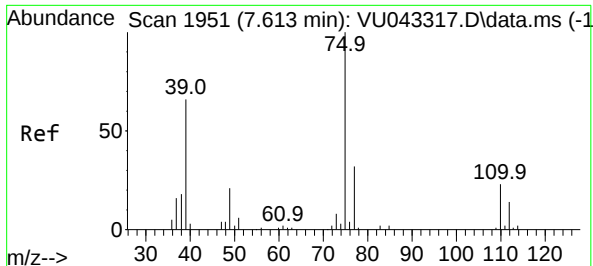
Delta R.T. -0.071 min

Lab File: VU043339.D

Acq: 26 Apr 2021 20:37

Tgt Ion:	63	Resp:	4851
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



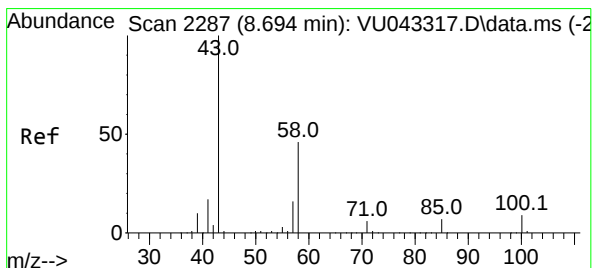
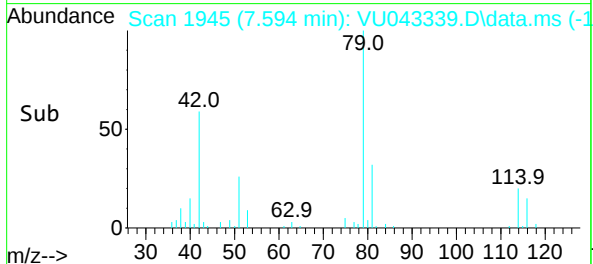
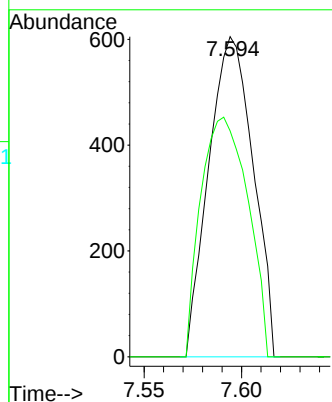
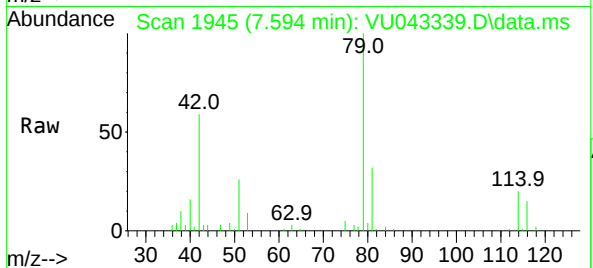


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.594 min Scan# 1945
Delta R.T. -0.019 min
Lab File: VU043339.D
Acq: 26 Apr 2021 20:37

Instrument :
MSVOA_U
ClientSampled :

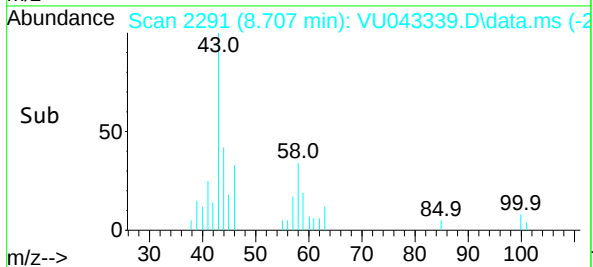
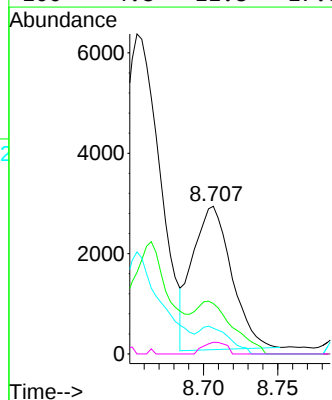
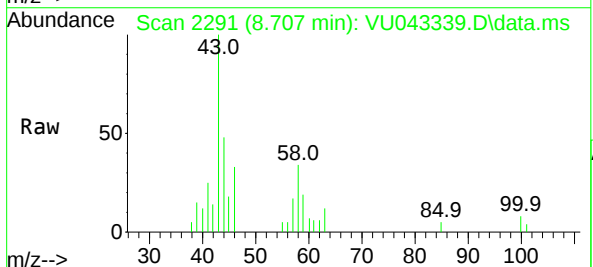
Tgt Ion: 75 Resp: 957
Ion Ratio Lower Upper
75 100
77 70.6 21.8 40.6#

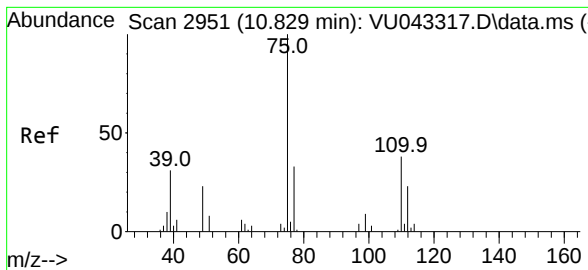


#48

2-Hexanone
Concen: 1.04 ug/L
RT: 8.707 min Scan# 2291
Delta R.T. 0.013 min
Lab File: VU043339.D
Acq: 26 Apr 2021 20:37

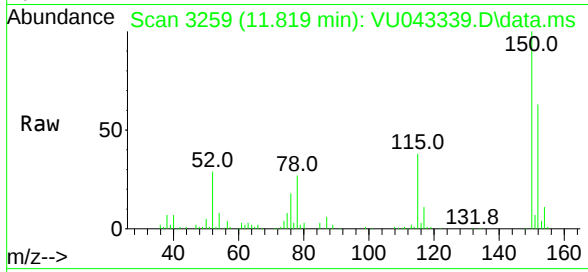
Tgt Ion: 43 Resp: 5216
Ion Ratio Lower Upper
43 100
58 35.2 50.0 75.0#
57 14.7 17.4 26.0#
100 4.8 11.8 17.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.26 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU043339.D
 Acq: 26 Apr 2021 20:37

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	6068
Ion	Ratio	Lower	Upper
75	100		
110	3.0	31.5	47.3#
77	45.0	26.3	39.5#

