

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030821\
 Data File : VU042523.D
 Acq On : 08 Mar 2021 12:53
 Operator : SY/MD
 Sample : M1588-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 01:37:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 09 01:35:43 2021
 Response via : Initial Calibration

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

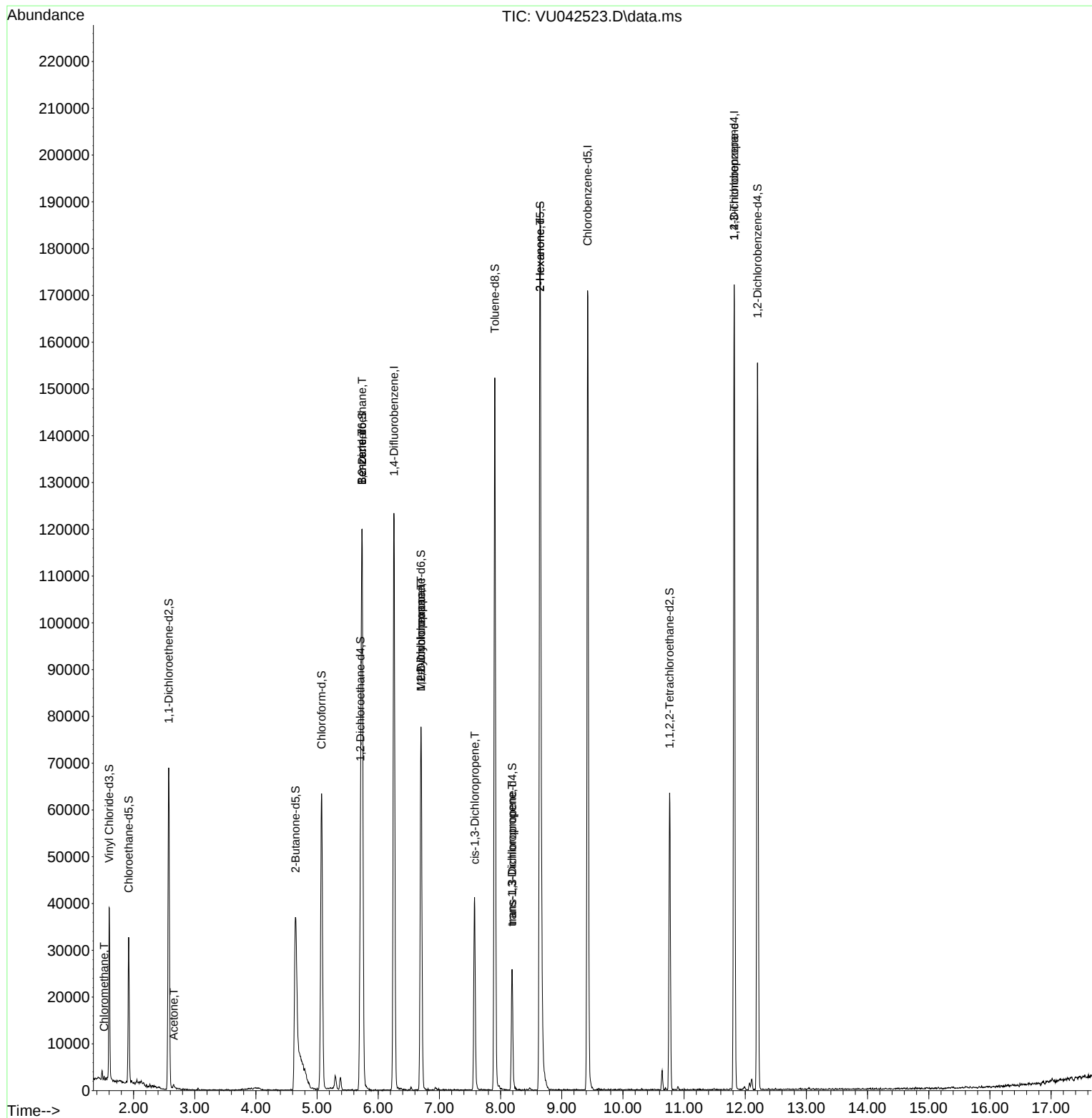
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	94432	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	91109	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	43662	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24461	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.919	69	21076	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.575	63	43021	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.649	46	87260	42.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.44%
24) Chloroform-d	5.073	84	55663	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.710	65	37384	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.735	84	101539	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.700	67	34033	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.906	98	95762	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloroprop...	8.189	79	14025	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.645	63	72416	44.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.84%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29219	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	38735	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	393	0.05	ug/L	84
13) Acetone	2.658	43	1052	0.66	ug/L	74
27) 1,2-Dichloroethane	5.735	62	668	0.06	ug/L #	75
33) Benzene	5.732	78	797	0.03	ug/L	100
35) Methylcyclohexane	6.697	83	8121	0.68	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	4004	0.52	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	1198	0.11	ug/L	91
44) trans-1,3-Dichloropropene	8.185	75	779	0.08	ug/L #	72
48) 2-Hexanone	8.645	43	11368	2.30	ug/L #	69
59) 1,2,3-Trichloropropane	11.819	75	5180	0.90	ug/L	89

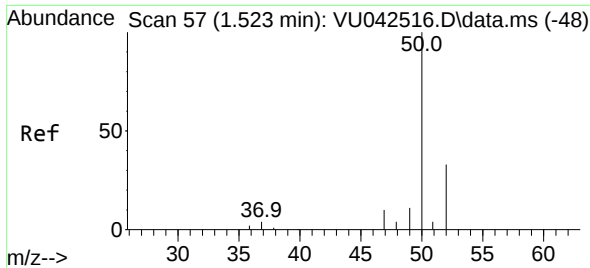
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

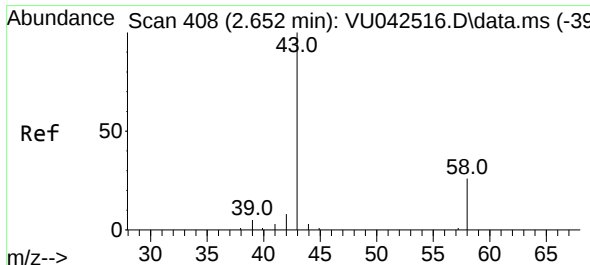
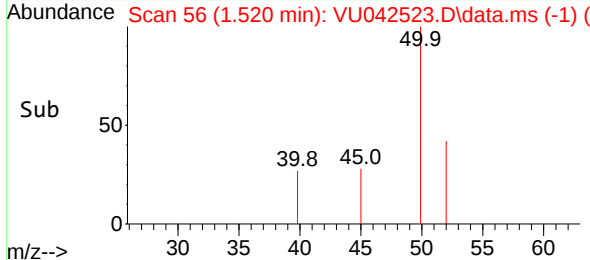
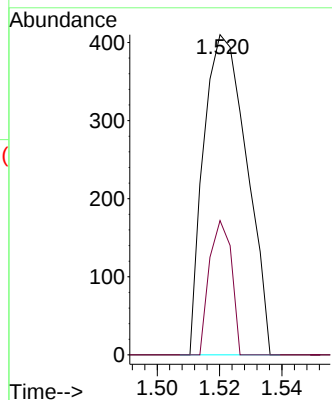
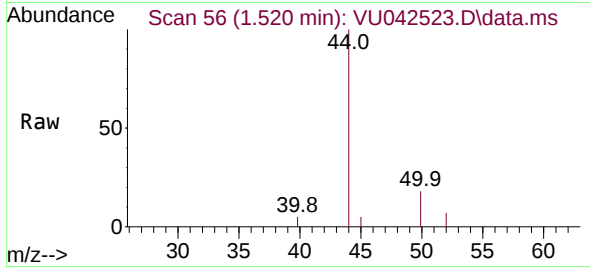




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042523.D
Acq: 08 Mar 2021 12:53

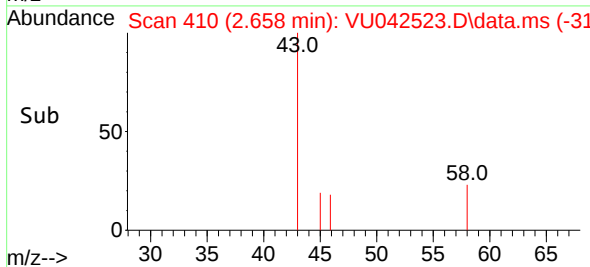
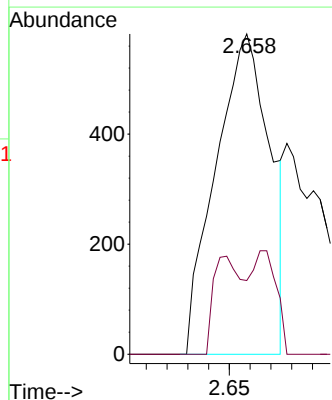
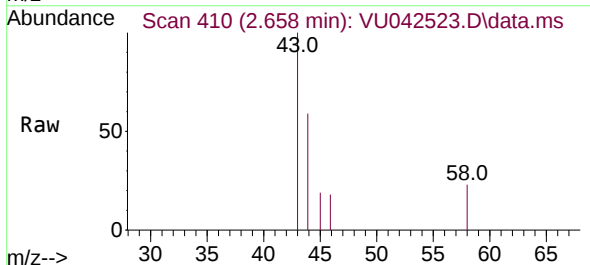
Instrument :
MSVOA_U
ClientSampled :

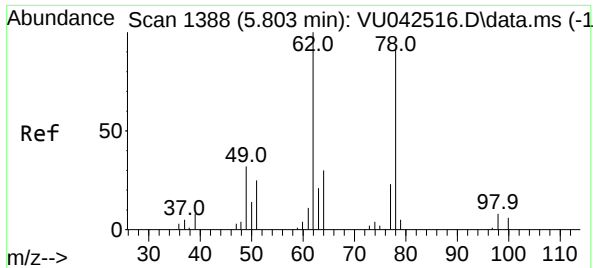
Tgt Ion: 50 Resp: 393
Ion Ratio Lower Upper
50 100
52 42.0 23.0 42.8



#13
Acetone
Concen: 0.66 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.006 min
Lab File: VU042523.D
Acq: 08 Mar 2021 12:53

Tgt Ion: 43 Resp: 1052
Ion Ratio Lower Upper
43 100
58 14.2 0.0 55.8





#27

1,2-Dichloroethane

Concen: 0.06 ug/L

RT: 5.735 min Scan# 1367

Delta R.T. -0.068 min

Lab File: VU042523.D

Acq: 08 Mar 2021 12:53

Tgt Ion: 62 Resp: 668

Ion Ratio Lower Upper

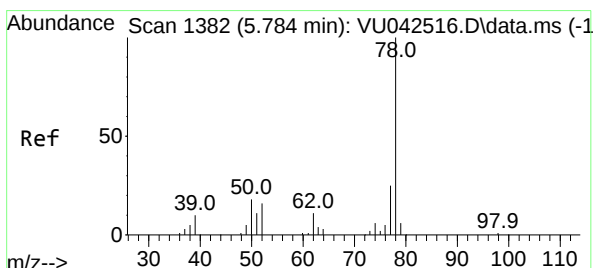
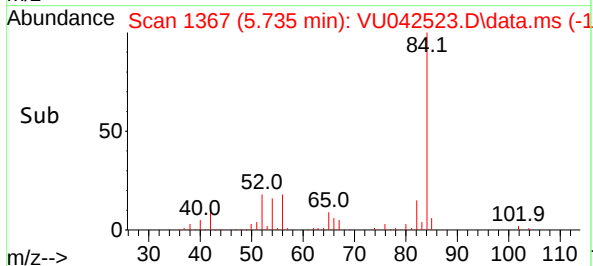
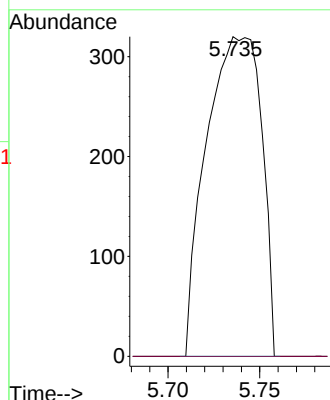
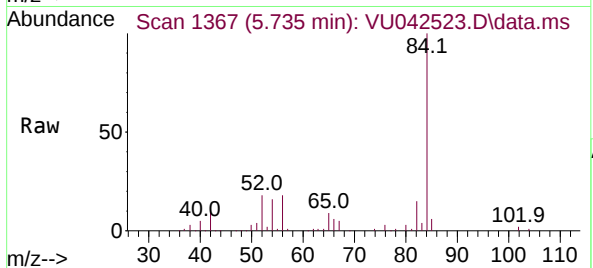
62 100

98 0.0 7.3 10.9#

Instrument :

MSVOA_U

ClientSampled :



#33

Benzene

Concen: 0.03 ug/L

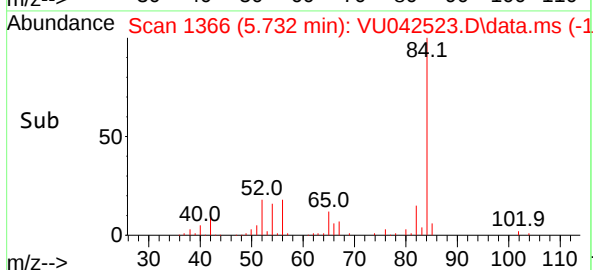
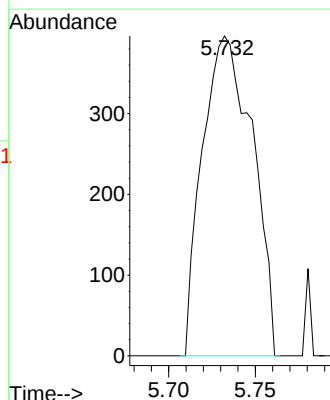
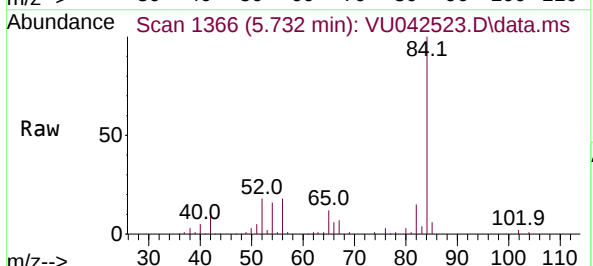
RT: 5.732 min Scan# 1366

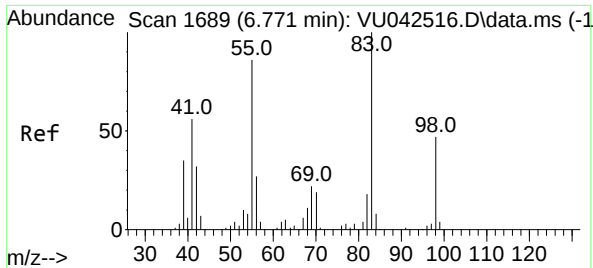
Delta R.T. -0.051 min

Lab File: VU042523.D

Acq: 08 Mar 2021 12:53

Tgt Ion: 78 Resp: 797





#35

Methylcyclohexane

Concen: 0.68 ug/L

RT: 6.697 min Scan# 1666

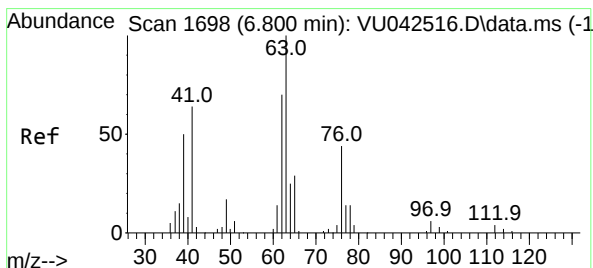
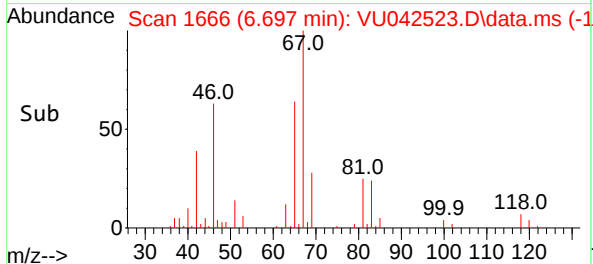
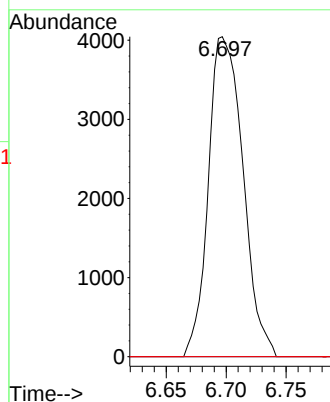
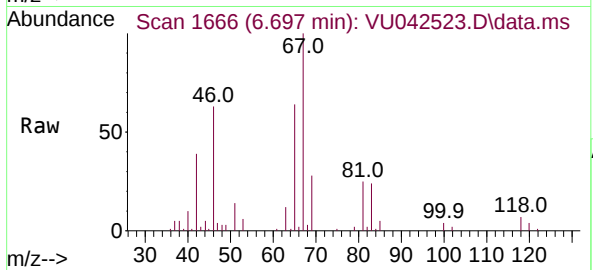
Delta R.T. -0.074 min

Lab File: VU042523.D

Acq: 08 Mar 2021 12:53

Tgt Ion:	83	Resp:	8121
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.0	39.7	59.5#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.52 ug/L

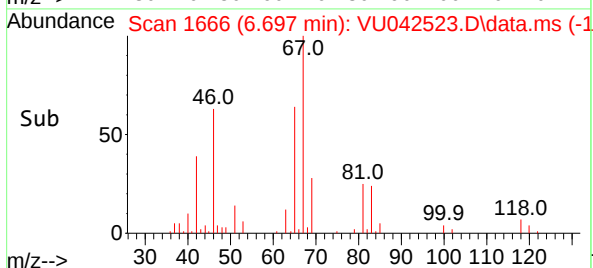
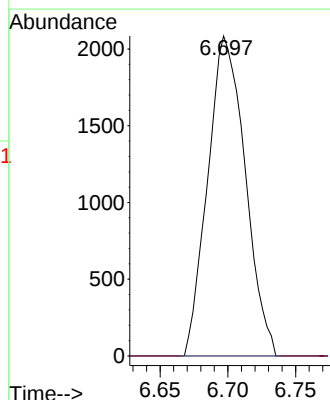
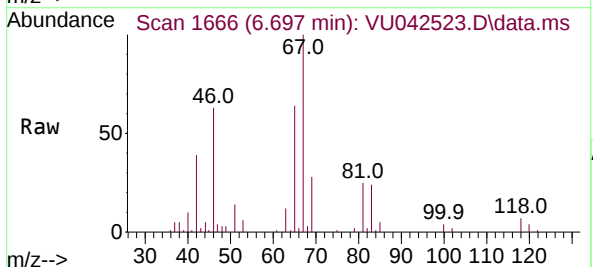
RT: 6.697 min Scan# 1666

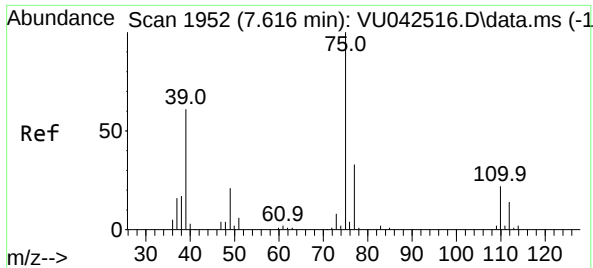
Delta R.T. -0.103 min

Lab File: VU042523.D

Acq: 08 Mar 2021 12:53

Tgt Ion:	63	Resp:	4004
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



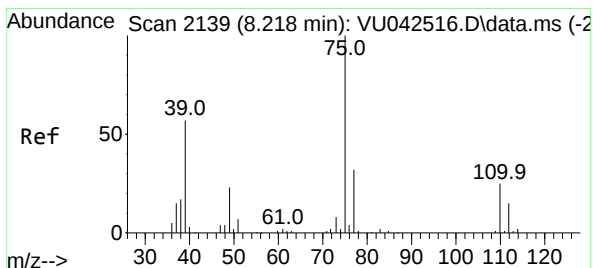
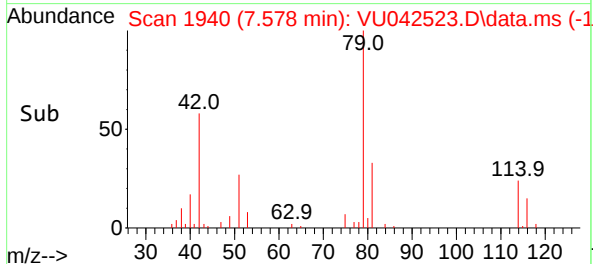
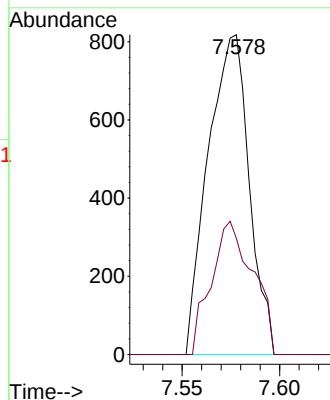
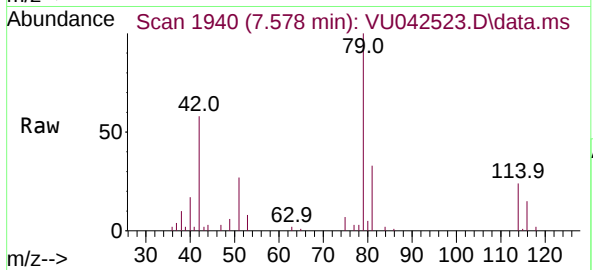


#39

cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU042523.D
Acq: 08 Mar 2021 12:53

Instrument :
MSVOA_U
ClientSampled :

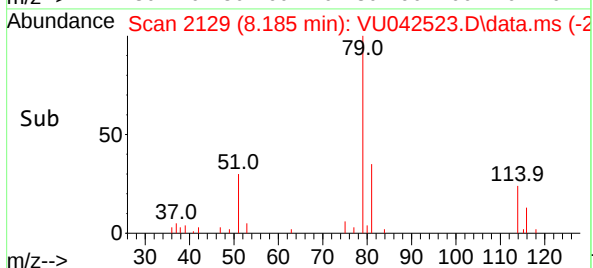
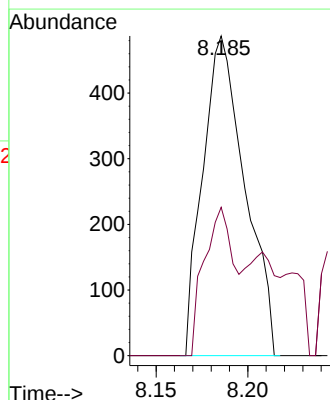
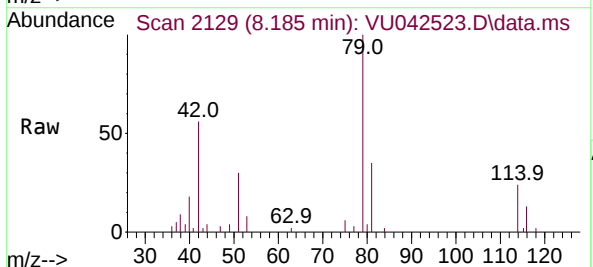
Tgt Ion: 75 Resp: 1198
Ion Ratio Lower Upper
75 100
77 36.3 22.0 40.8

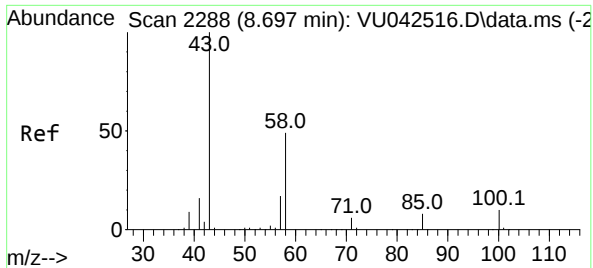


#44

trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042523.D
Acq: 08 Mar 2021 12:53

Tgt Ion: 75 Resp: 779
Ion Ratio Lower Upper
75 100
77 46.4 21.8 40.4#

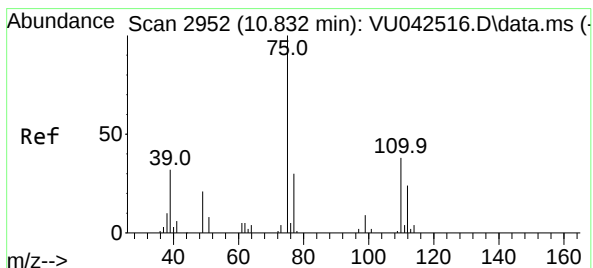
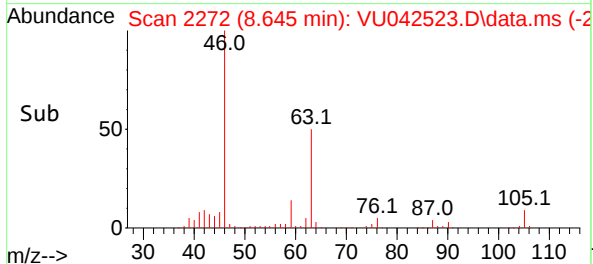
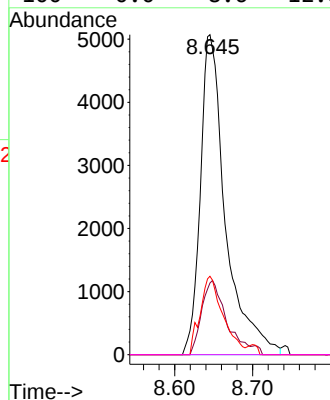
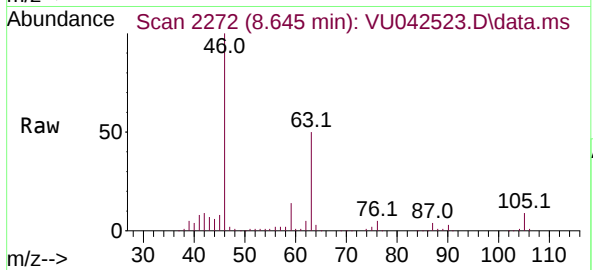




#48
2-Hexanone
Concen: 2.30 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042523.D
Acq: 08 Mar 2021 12:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 11368
Ion Ratio	Lower Upper
43 100	
58 23.5	40.6 61.0#
57 22.4	14.9 22.3#
100 0.0	8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 0.90 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042523.D
Acq: 08 Mar 2021 12:53

Tgt Ion: 75	Resp: 5180
Ion Ratio	Lower Upper
75 100	
77 38.6	26.0 39.0

