

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030821\
 Data File : VU042521.D
 Acq On : 08 Mar 2021 12:05
 Operator : SY/MD
 Sample : M1588-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 01:36:58 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)

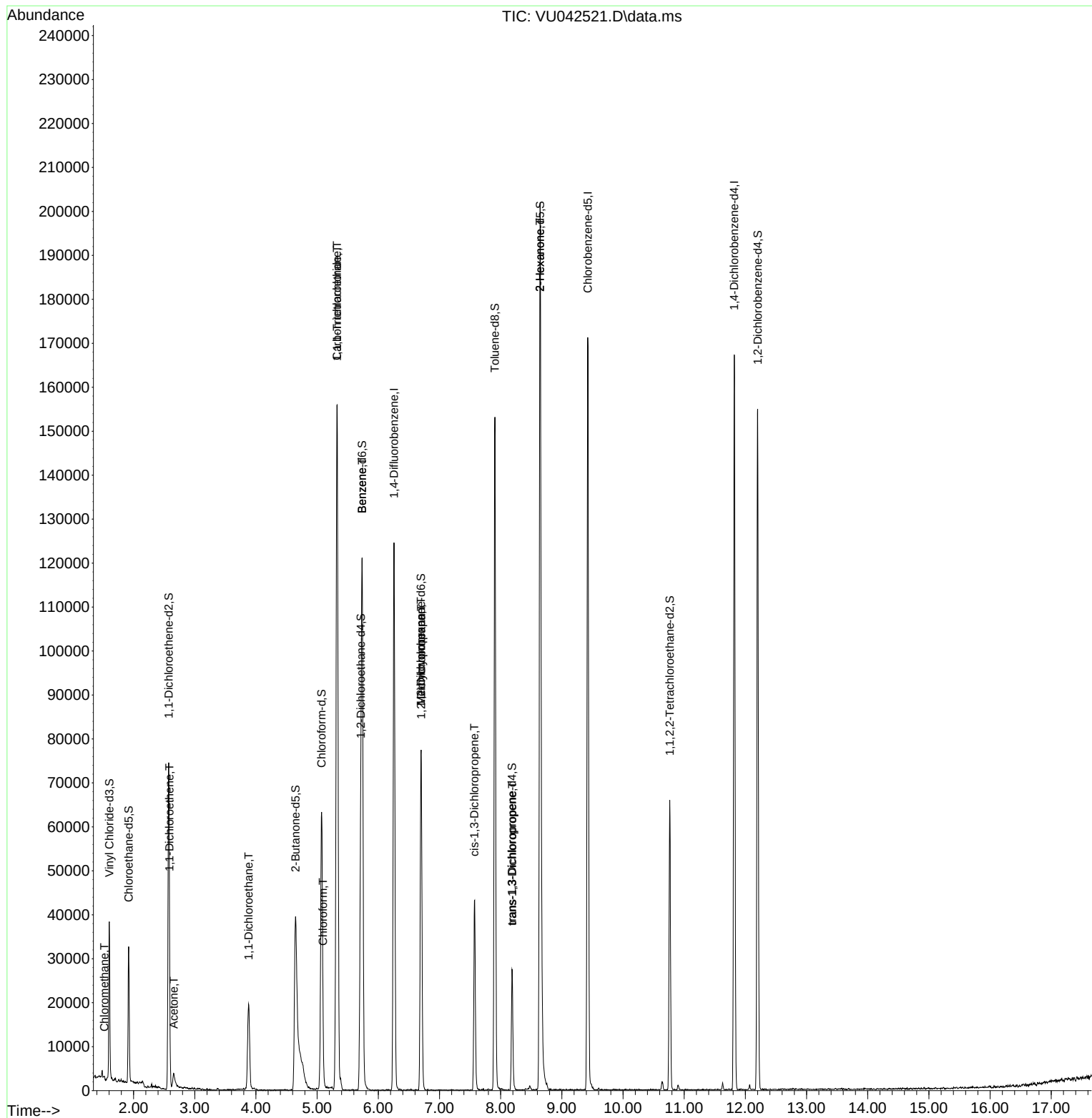
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	95271	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	90186	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	42318	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24914	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.919	69	21399	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.575	63	44766	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.649	46	105108	50.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.80%
24) Chloroform-d	5.073	84	56759	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.713	65	37900	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.735	84	100483	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.700	67	34486	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.906	98	95755	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloroprop...	8.186	79	14633	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.645	63	75577	47.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.72%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	30014	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	39139	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	533	0.06	ug/L	96
12) 1,1-Dichloroethene	2.588	96	2404	0.36	ug/L #	1
13) Acetone	2.655	43	7030	4.37	ug/L	90
19) 1,1-Dichloroethane	3.880	63	22052	1.62	ug/L	99
25) Chloroform	5.096	83	1496	0.10	ug/L	96
29) 1,1,1-Trichloroethane	5.324	97	109965	8.77	ug/L	97
31) Carbon tetrachloride	5.327	117	13418	1.21	ug/L	97
33) Benzene	5.735	78	903	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	7981	0.67	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	4201	0.55	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1121	0.10	ug/L #	65
44) trans-1,3-Dichloropropene	8.189	75	671	0.07	ug/L #	71
48) 2-Hexanone	8.642	43	11414	2.33	ug/L #	67

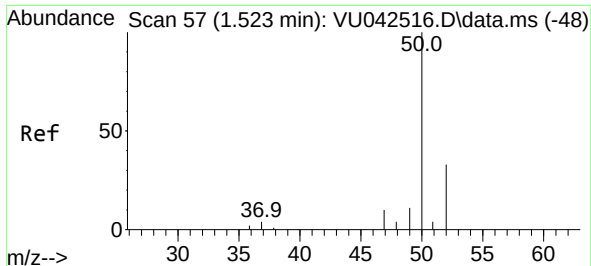
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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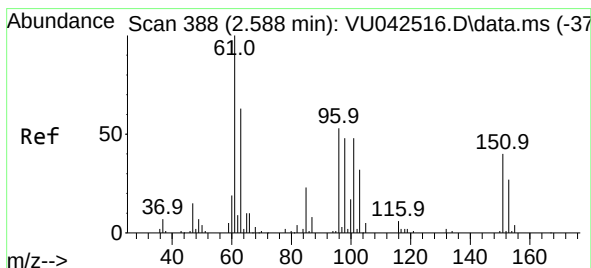
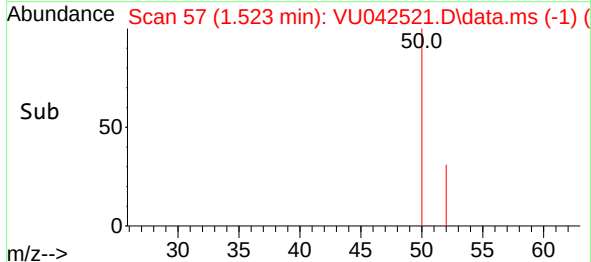
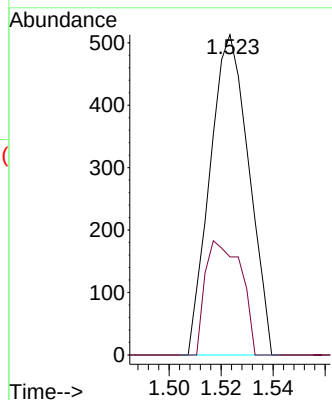
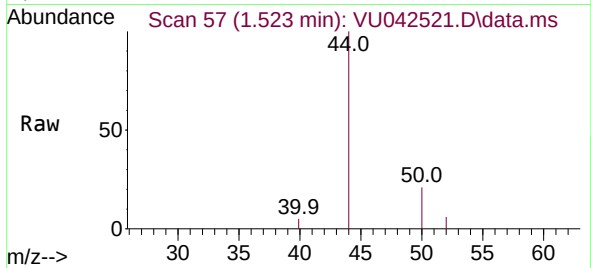




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042521.D
Acq: 08 Mar 2021 12:05

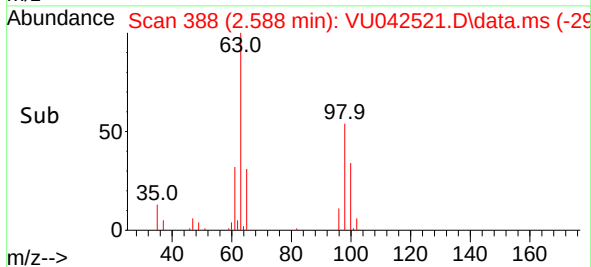
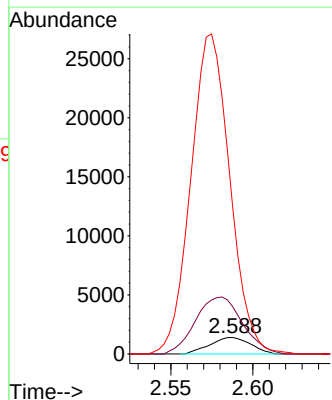
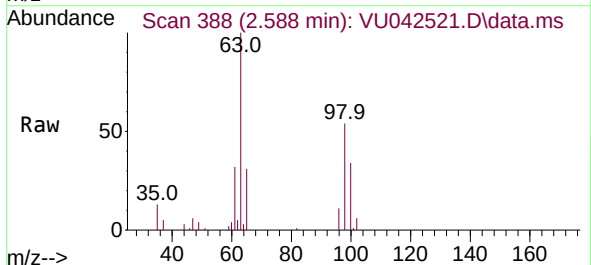
Instrument :
MSVOA_U
ClientSampled :

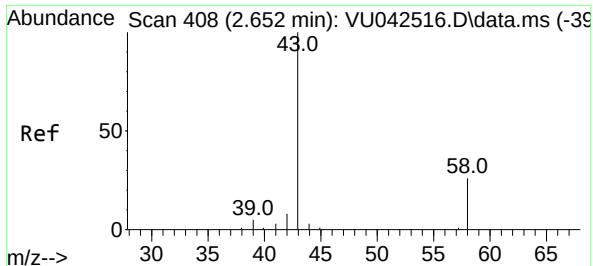
Tgt Ion: 50 Resp: 533
Ion Ratio Lower Upper
50 100
52 30.6 23.0 42.8



#12
1,1-Dichloroethene
Concen: 0.36 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU042521.D
Acq: 08 Mar 2021 12:05

Tgt Ion: 96 Resp: 2404
Ion Ratio Lower Upper
96 100
61 287.2 126.2 234.4#
63 891.5 77.8 144.4#

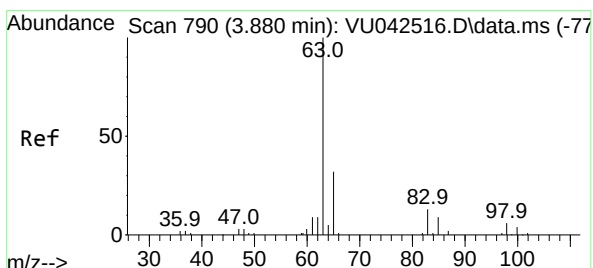
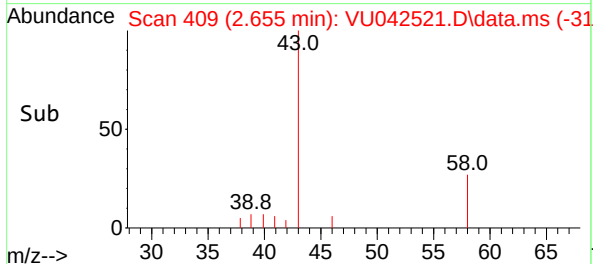
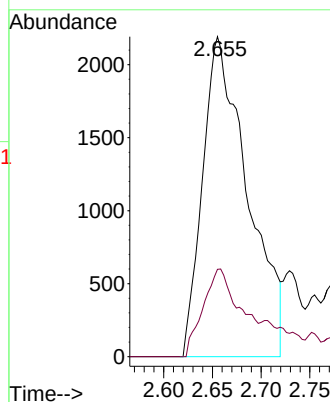
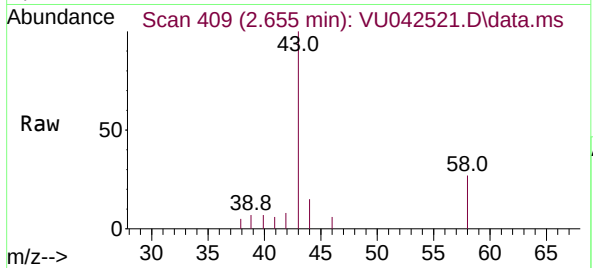




#13
Acetone
Concen: 4.37 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU042521.D
Acq: 08 Mar 2021 12:05

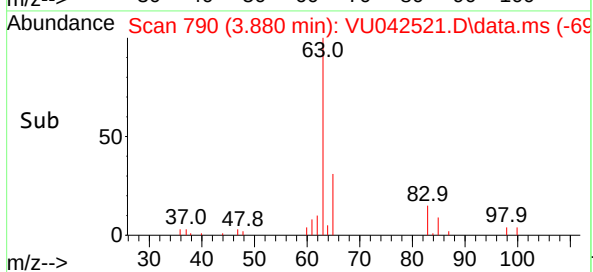
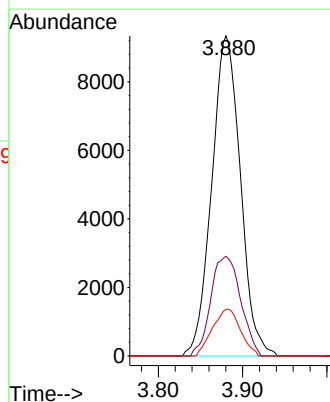
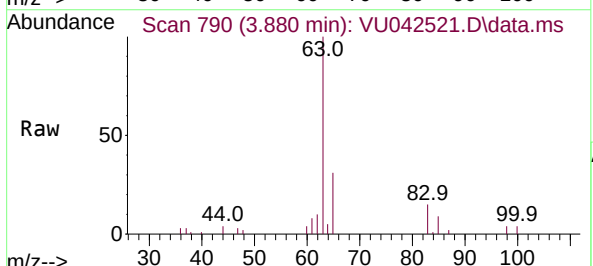
Instrument :
MSVOA_U
ClientSampleId :

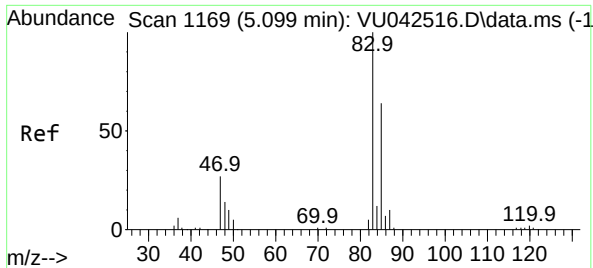
Tgt Ion: 43 Resp: 7030
Ion Ratio Lower Upper
43 100
58 22.7 0.0 55.8



#19
1,1-Dichloroethane
Concen: 1.62 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042521.D
Acq: 08 Mar 2021 12:05

Tgt Ion: 63 Resp: 22052
Ion Ratio Lower Upper
63 100
65 31.2 22.5 41.9
83 14.6 10.1 18.7



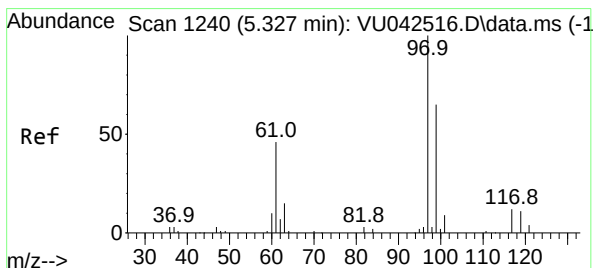
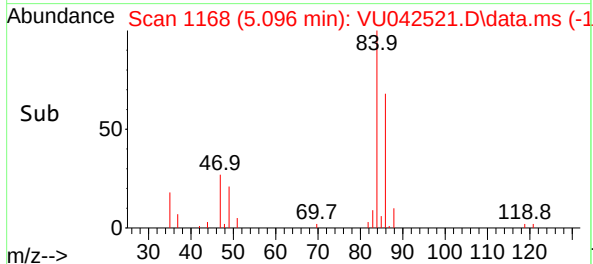
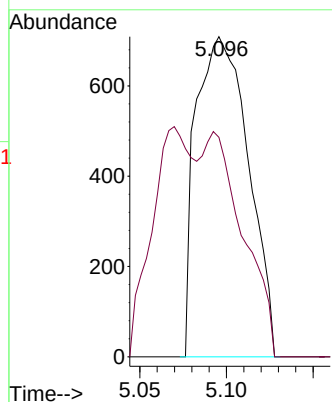
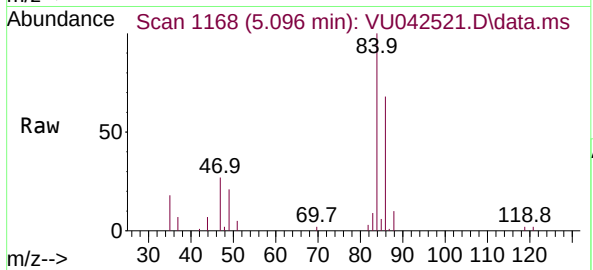


#25

Chloroform
Concen: 0.10 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042521.D
Acq: 08 Mar 2021 12:05

Instrument :
MSVOA_U
ClientSampleId :

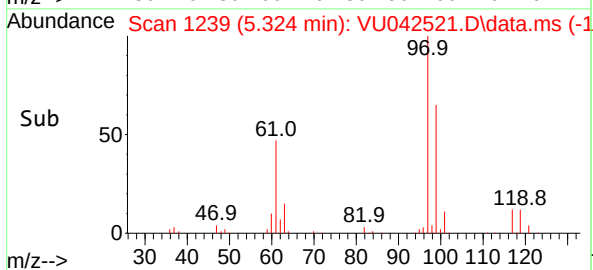
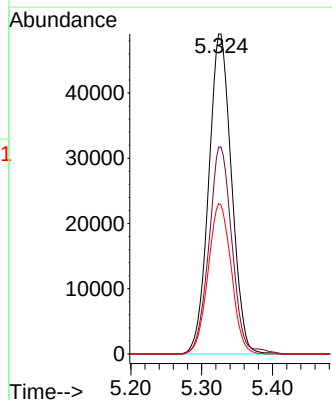
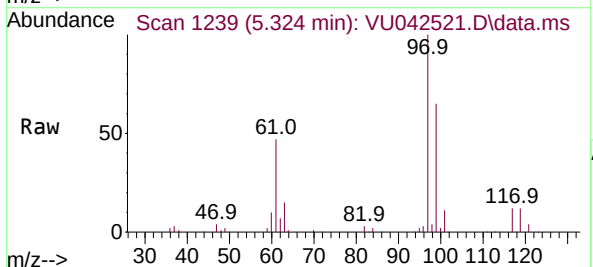
Tgt Ion: 83 Resp: 1496
Ion Ratio Lower Upper
83 100
85 68.5 45.7 84.9

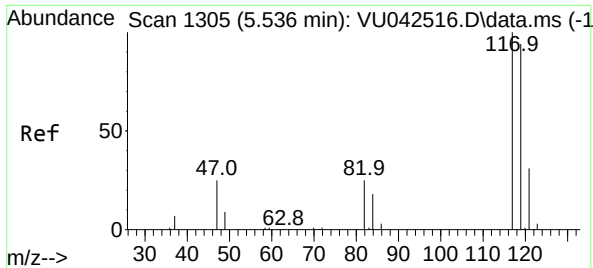


#29

1,1,1-Trichloroethane
Concen: 8.77 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU042521.D
Acq: 08 Mar 2021 12:05

Tgt Ion: 97 Resp: 109965
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 47.6 35.8 53.6

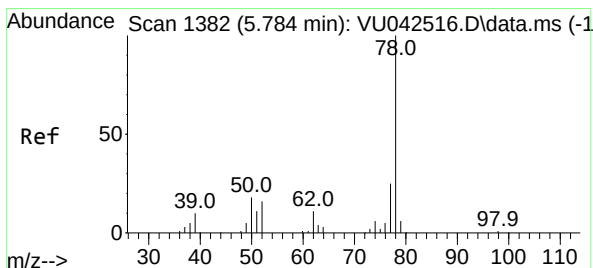
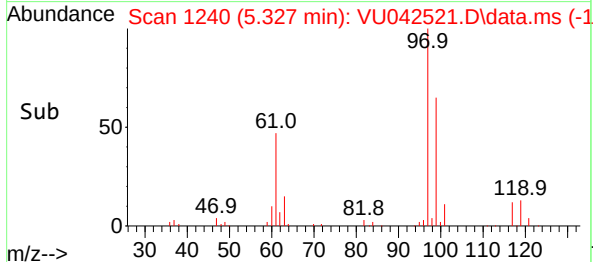
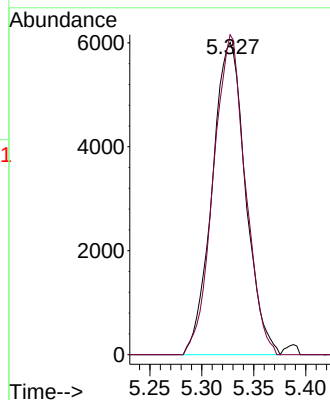
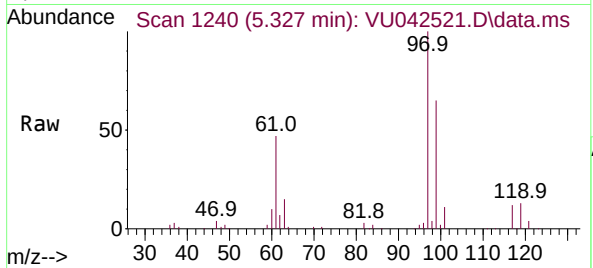




#31
Carbon tetrachloride
Concen: 1.21 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.209 min
Lab File: VU042521.D
Acq: 08 Mar 2021 12:05

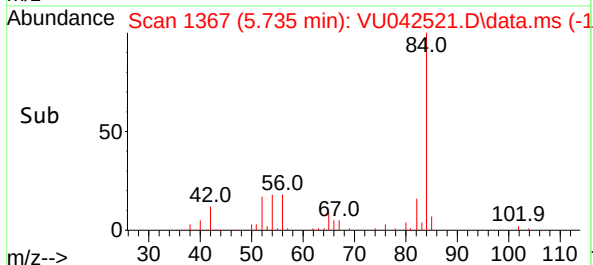
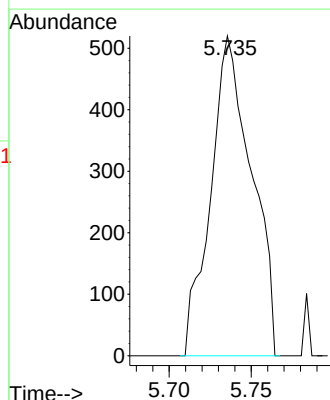
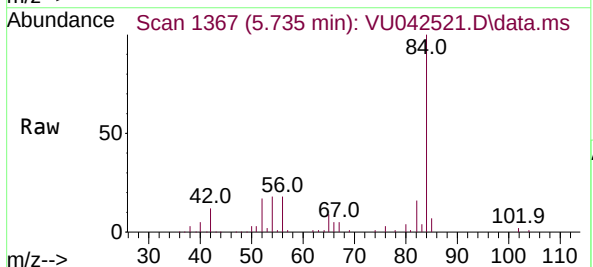
Instrument :
MSVOA_U
ClientSampled :

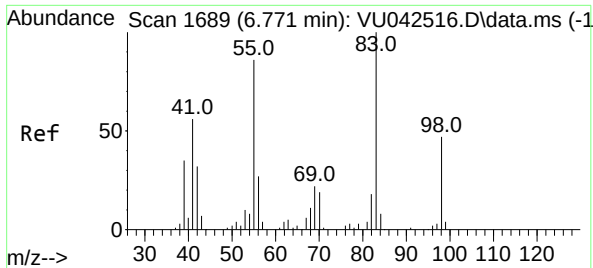
Tgt Ion:117 Resp: 13418
Ion Ratio Lower Upper
117 100
119 98.2 76.2 114.4



#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042521.D
Acq: 08 Mar 2021 12:05

Tgt Ion: 78 Resp: 903





#35

Methylcyclohexane

Concen: 0.67 ug/L

RT: 6.700 min Scan# 1667

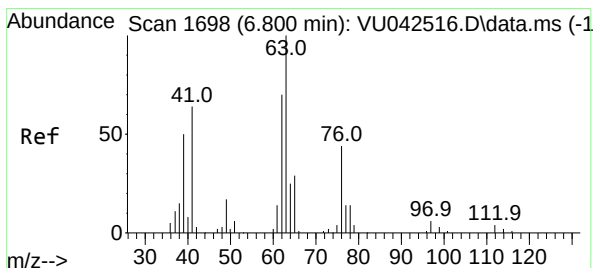
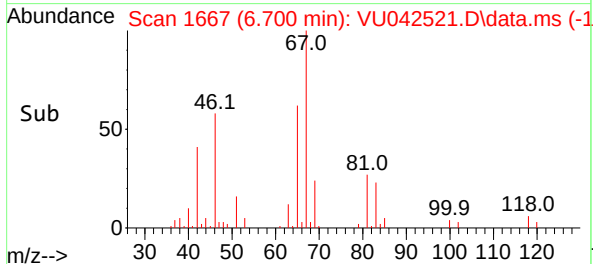
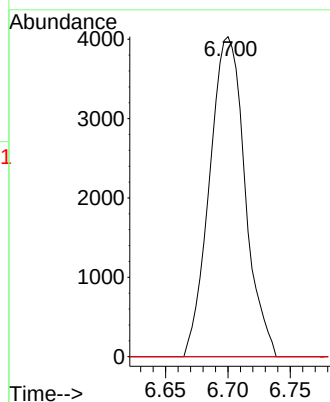
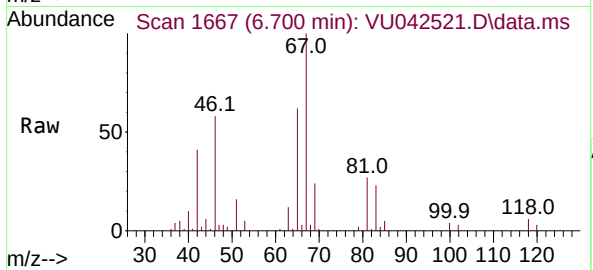
Delta R.T. -0.071 min

Lab File: VU042521.D

Acq: 08 Mar 2021 12:05

Tgt Ion:	83	Resp:	7981
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.0	39.7	59.5#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.55 ug/L

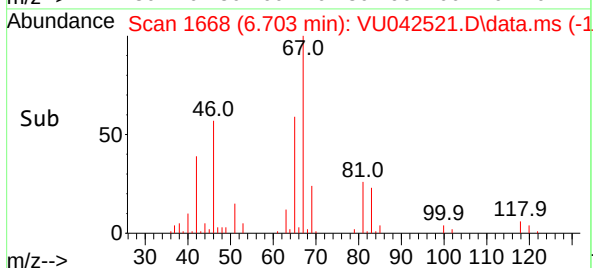
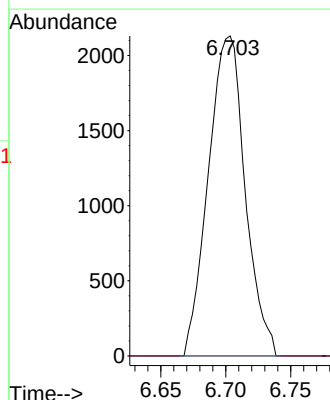
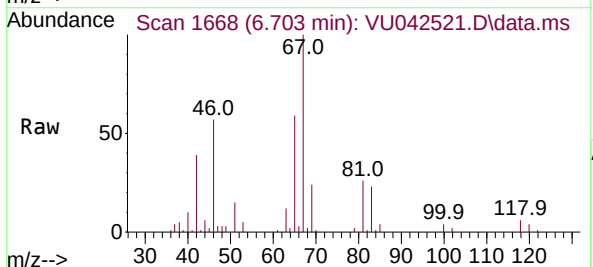
RT: 6.703 min Scan# 1668

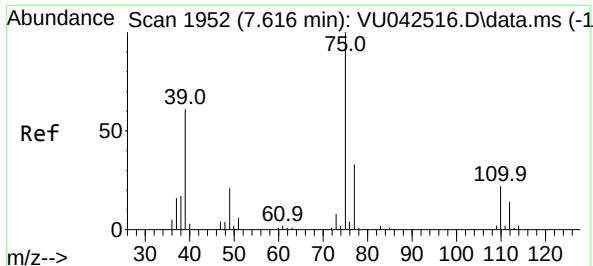
Delta R.T. -0.096 min

Lab File: VU042521.D

Acq: 08 Mar 2021 12:05

Tgt Ion:	63	Resp:	4201
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



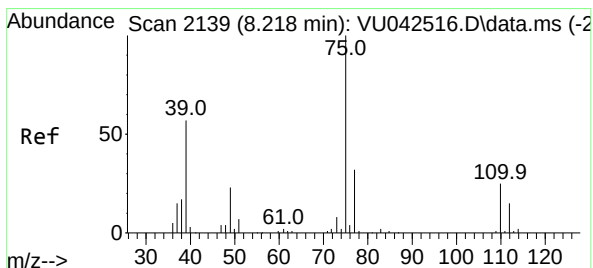
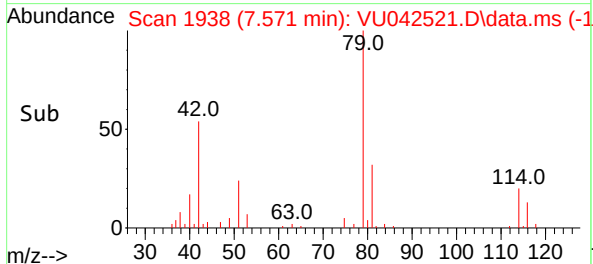
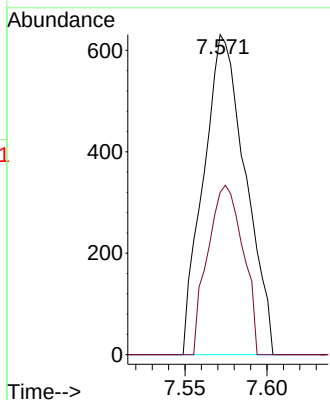
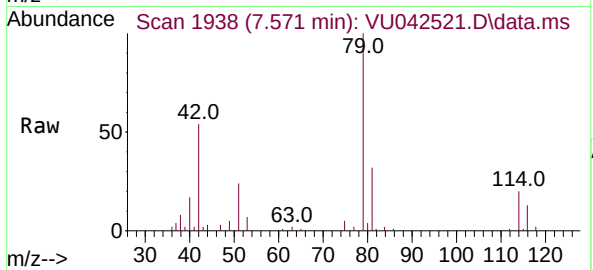


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042521.D
Acq: 08 Mar 2021 12:05

Instrument :
MSVOA_U
ClientSampled :

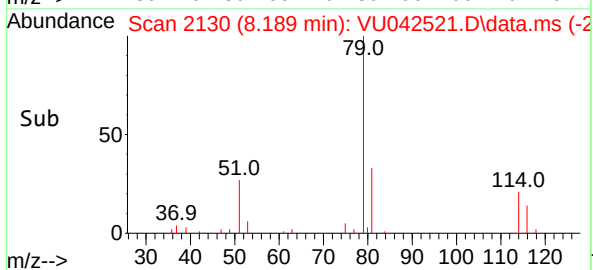
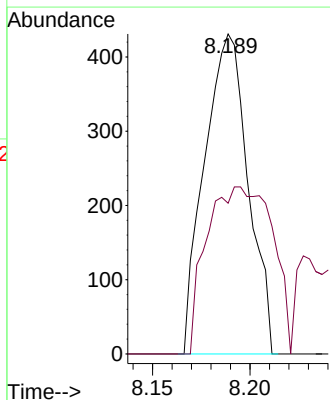
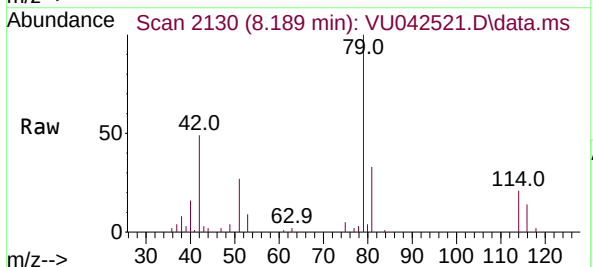
Tgt Ion: 75 Resp: 1121
Ion Ratio Lower Upper
75 100
77 50.7 22.0 40.8#

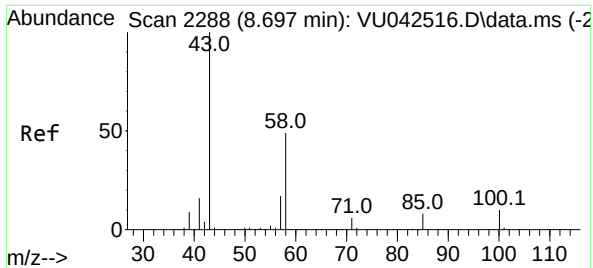


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042521.D
Acq: 08 Mar 2021 12:05

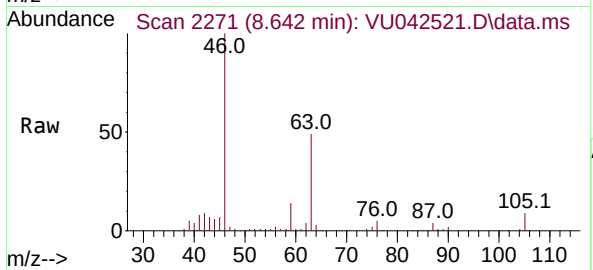
Tgt Ion: 75 Resp: 671
Ion Ratio Lower Upper
75 100
77 47.1 21.8 40.4#





#48
 2-Hexanone
 Concen: 2.33 ug/L
 RT: 8.642 min Scan# 2271
 Delta R.T. -0.055 min
 Lab File: VU042521.D
 Acq: 08 Mar 2021 12:05

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 43	Resp: 11414
Ion Ratio	Lower Upper
43	100
58	21.0 40.6 61.0#
57	21.8 14.9 22.3
100	0.0 8.6 12.8#

