

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032621\
 Data File : VU042798.D
 Acq On : 26 Mar 2021 12:20
 Operator : SY/MD
 Sample : M1818-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA8

Quant Time: Mar 27 01:47:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 27 01:44:56 2021
 Response via : Initial Calibration

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

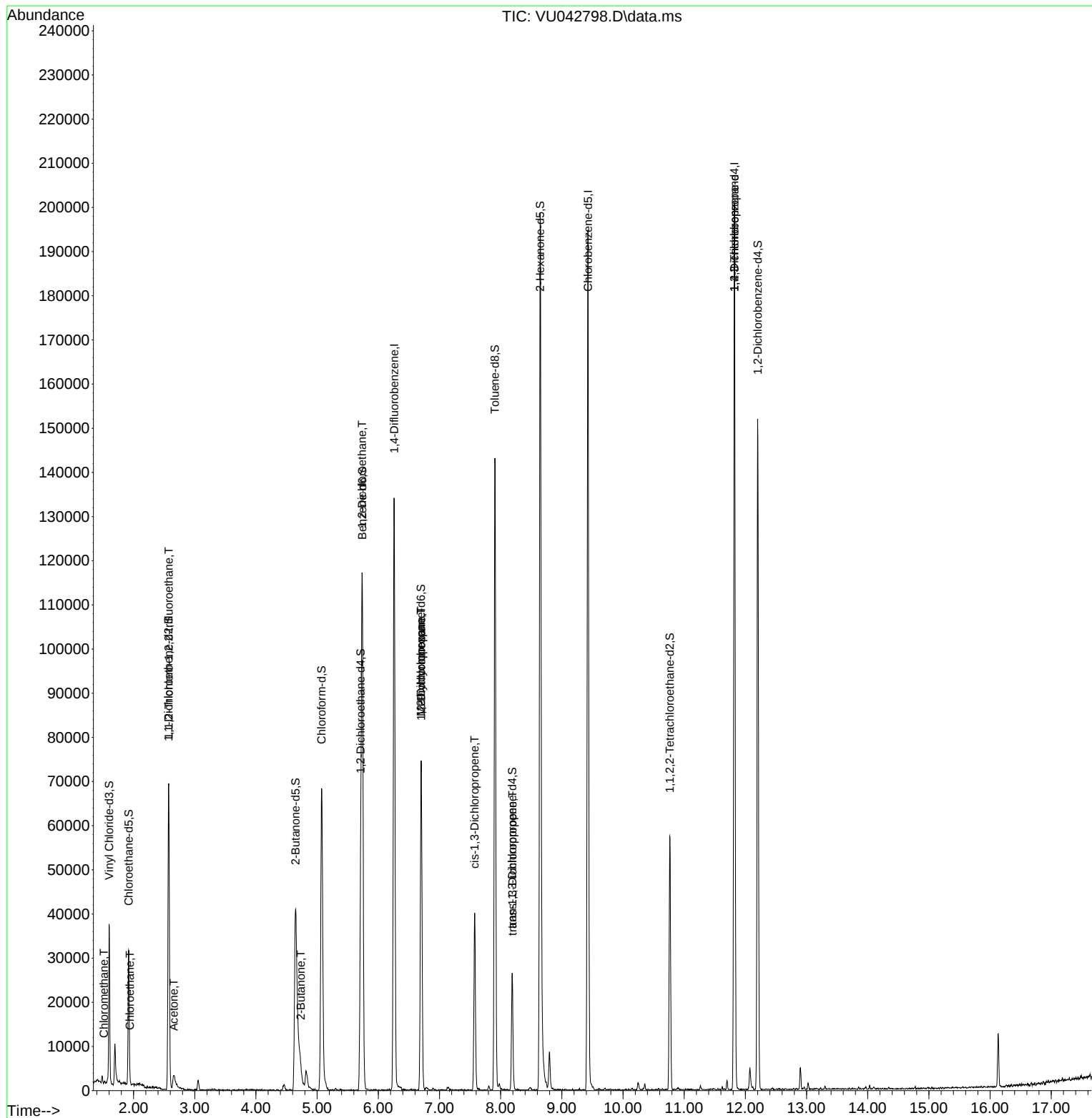
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	100867	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	97793	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	47944	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24313	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.919	69	20828	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.572	63	42448	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	4.649	46	96180	43.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.12%
24) Chloroform-d	5.073	84	53428	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	5.713	65	33659	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
32) Benzene-d6	5.739	84	97179	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.700	67	31783	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	7.906	98	89464	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloroprop...	8.189	79	13368	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	8.645	63	69414	40.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.24%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	26278	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	36936	4.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.00%
Target Compounds						
3) Chloromethane	1.517	50	393	0.04	ug/L #	42
8) Chloroethane	1.941	64	292	0.05	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	349	0.05	ug/L #	18
13) Acetone	2.658	43	6479	3.81	ug/L	97
21) 2-Butanone	4.735	43	2083	0.72	ug/L #	67
27) 1,2-Dichloroethane	5.735	62	760	0.07	ug/L #	75
35) Methylcyclohexane	6.700	83	7468	0.58	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3983	0.48	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1124	0.09	ug/L #	65
44) trans-1,3-Dichloropropene	8.192	75	690	0.06	ug/L #	44
59) 1,2,3-Trichloropropane	11.822	75	6397	1.03	ug/L #	81

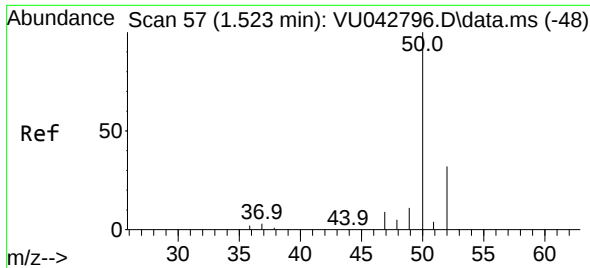
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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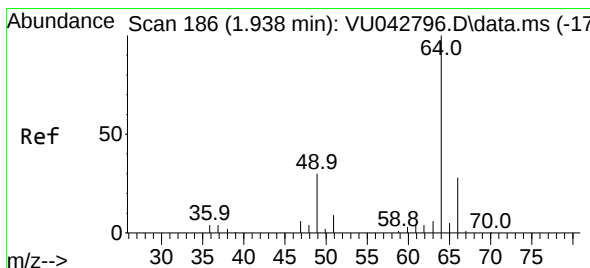
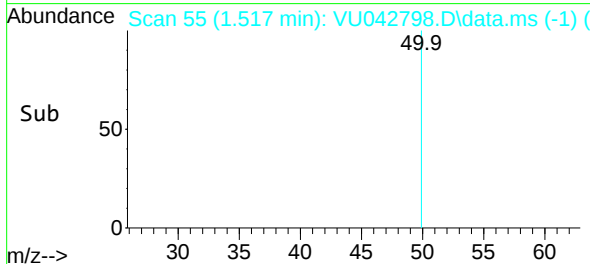
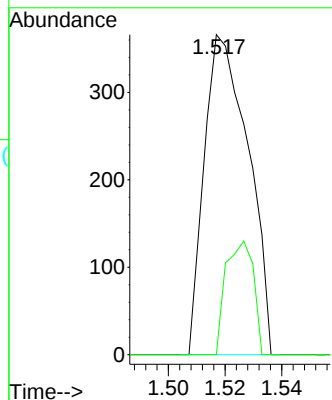
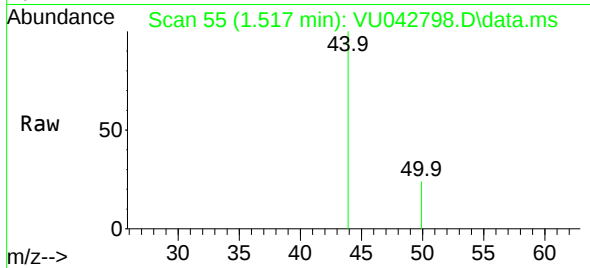




#3
Chloromethane
Concen: 0.04 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.007 min
Lab File: VU042798.D
Acq: 26 Mar 2021 12:20

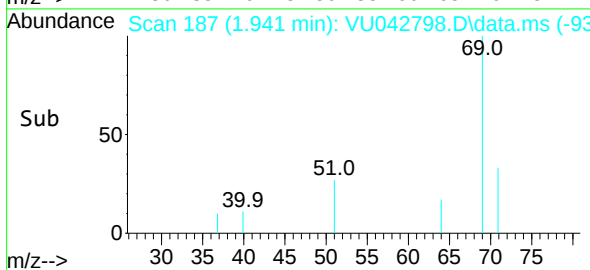
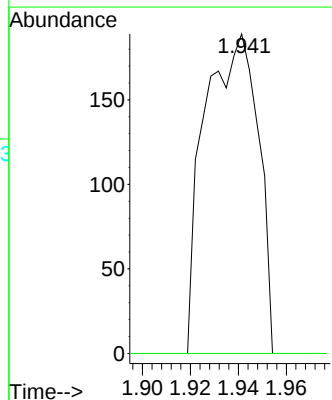
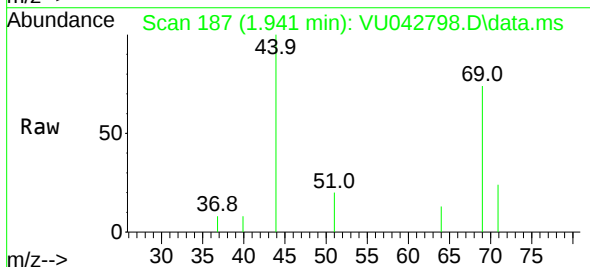
Instrument :
MSVOA_U
ClientSampleId :
C0AA8

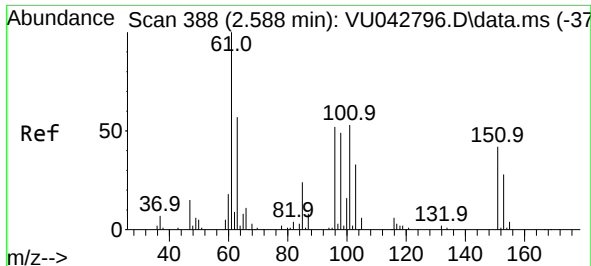
Tgt Ion: 50 Resp: 393
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#8
Chloroethane
Concen: 0.05 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU042798.D
Acq: 26 Mar 2021 12:20

Tgt Ion: 64 Resp: 292
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#

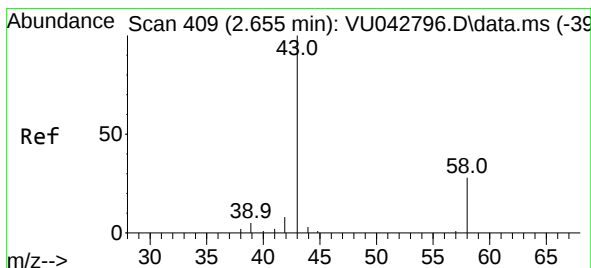
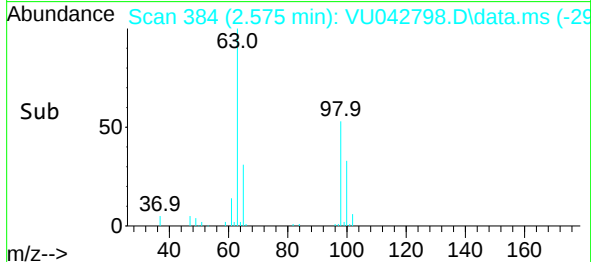
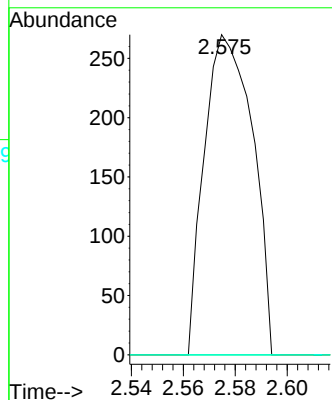
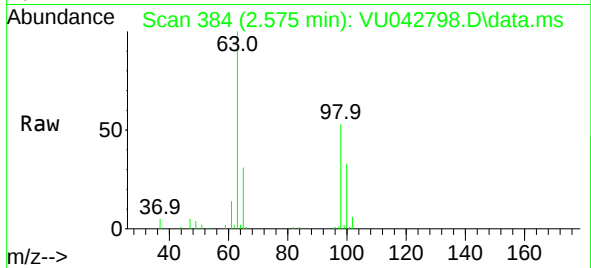




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042798.D
Acq: 26 Mar 2021 12:20

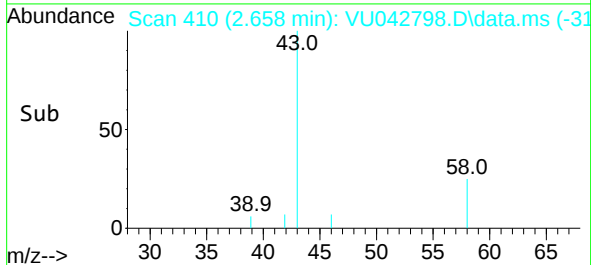
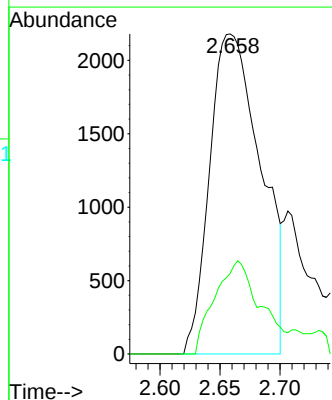
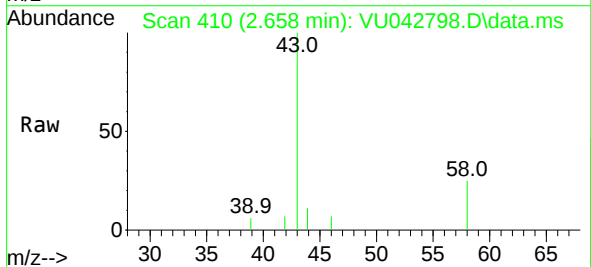
Instrument :
MSVOA_U
ClientSampleId :
C0AA8

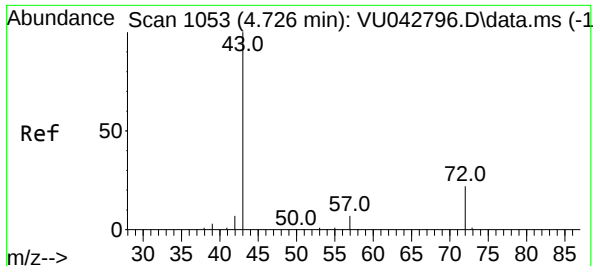
Tgt Ion:101 Resp: 349
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#13
Acetone
Concen: 3.81 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.003 min
Lab File: VU042798.D
Acq: 26 Mar 2021 12:20

Tgt Ion: 43 Resp: 6479
Ion Ratio Lower Upper
43 100
58 26.4 0.0 55.8





#21

2-Butanone

Concen: 0.72 ug/L

RT: 4.735 min Scan# 1056

Delta R.T. 0.010 min

Lab File: VU042798.D

Acq: 26 Mar 2021 12:20

Tgt Ion: 43 Resp: 2083

Ion Ratio Lower Upper

43 100

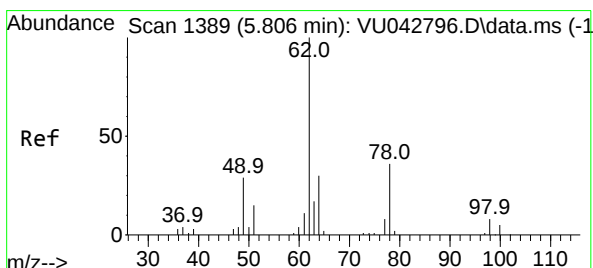
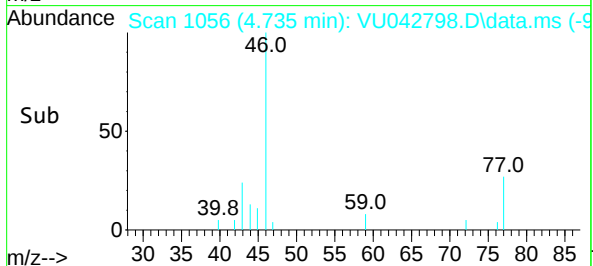
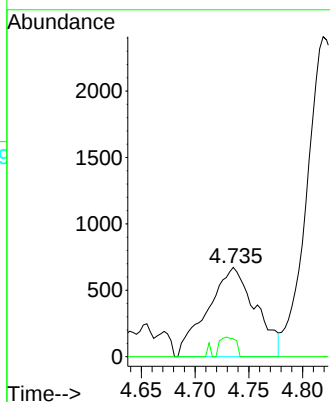
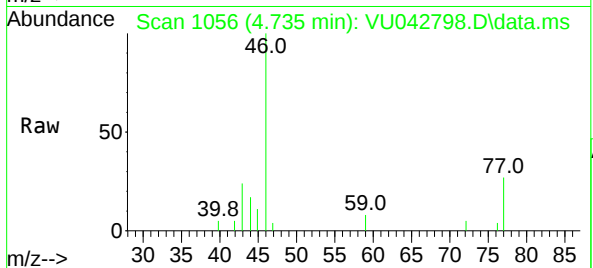
72 7.4 11.7 35.1#

Instrument :

MSVOA_U

ClientSampled :

C0AA8



#27

1,2-Dichloroethane

Concen: 0.07 ug/L

RT: 5.735 min Scan# 1367

Delta R.T. -0.071 min

Lab File: VU042798.D

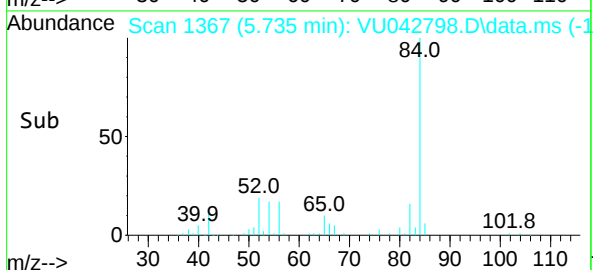
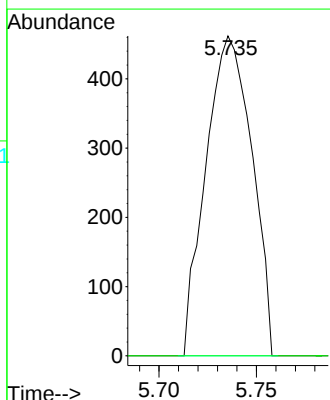
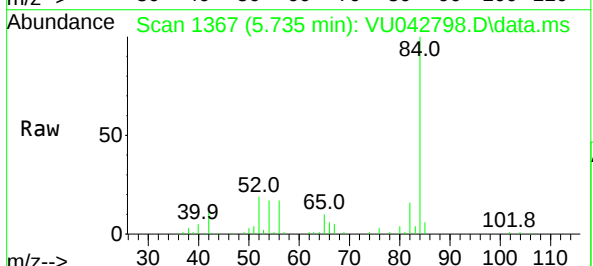
Acq: 26 Mar 2021 12:20

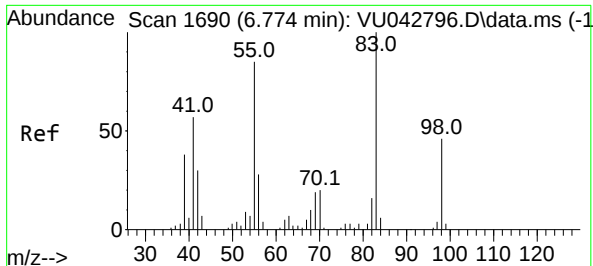
Tgt Ion: 62 Resp: 760

Ion Ratio Lower Upper

62 100

98 0.0 7.3 10.9#





#35

Methylcyclohexane

Concen: 0.58 ug/L

RT: 6.700 min Scan# 1667

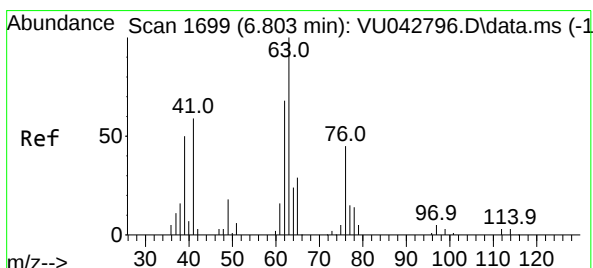
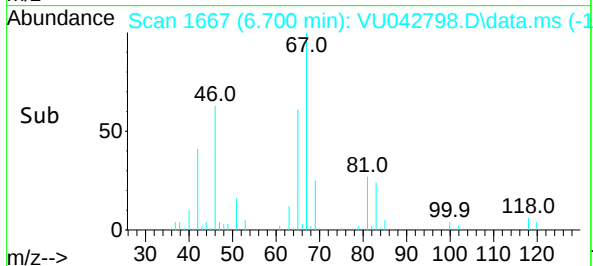
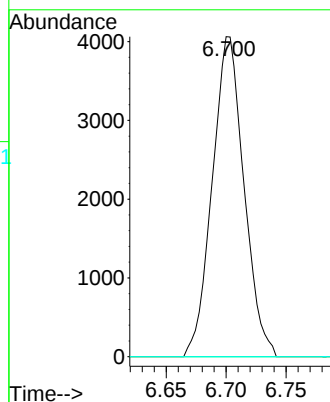
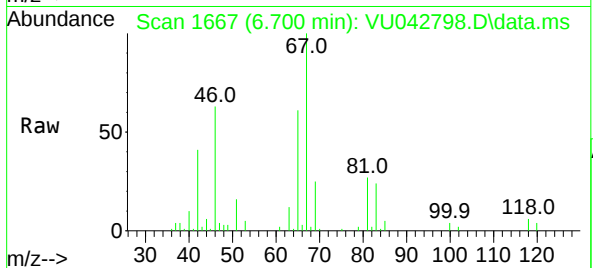
Delta R.T. -0.074 min

Lab File: VU042798.D

Acq: 26 Mar 2021 12:20

Tgt Ion:	83	Resp:	7468
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.0	39.7	59.5#

Instrument :
MSVOA_U
ClientSampleId :
C0AA8



#37

1,2-Dichloropropane

Concen: 0.48 ug/L

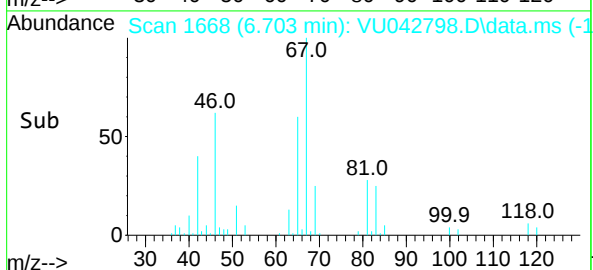
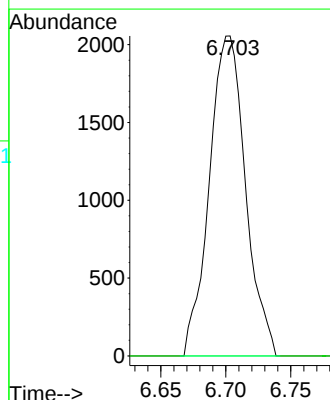
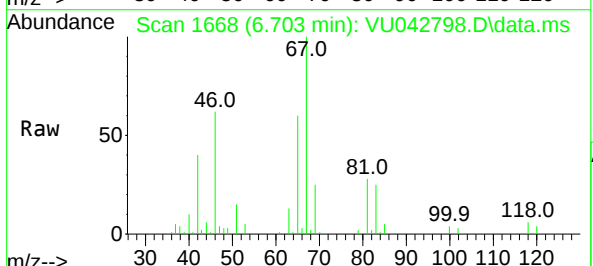
RT: 6.703 min Scan# 1668

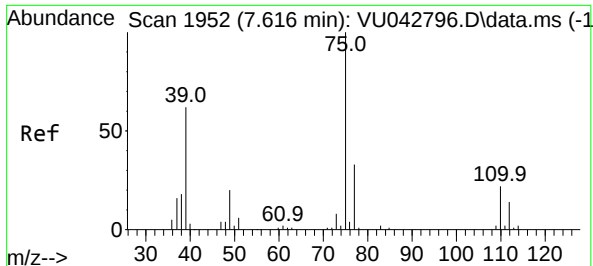
Delta R.T. -0.100 min

Lab File: VU042798.D

Acq: 26 Mar 2021 12:20

Tgt Ion:	63	Resp:	3983
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



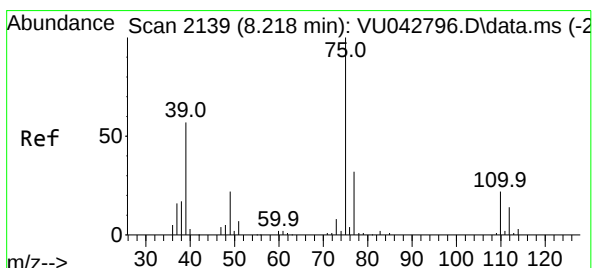
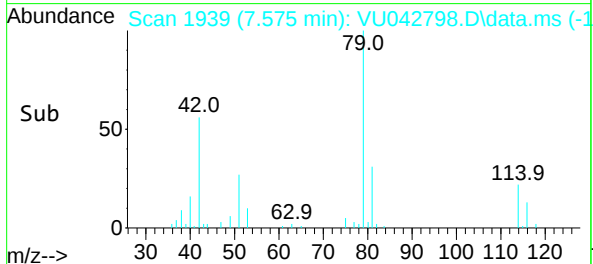
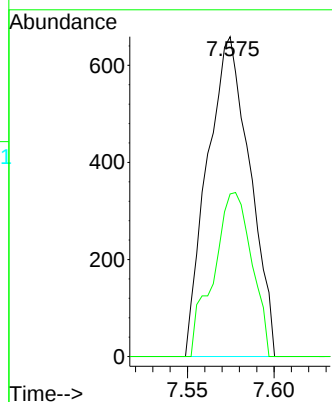
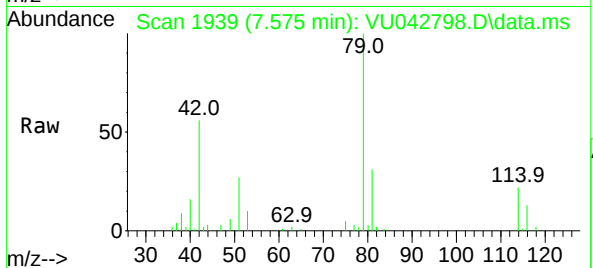


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042798.D
Acq: 26 Mar 2021 12:20

Instrument :
MSVOA_U
ClientSampled :
C0AA8

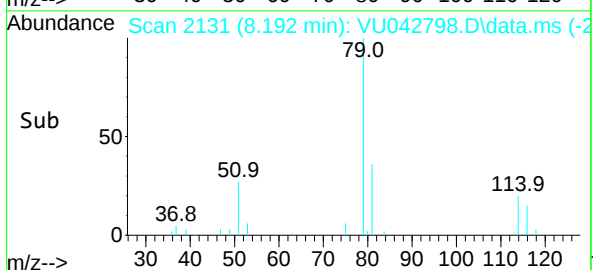
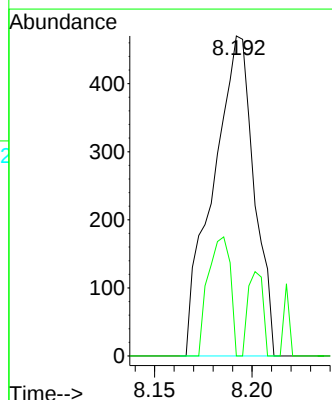
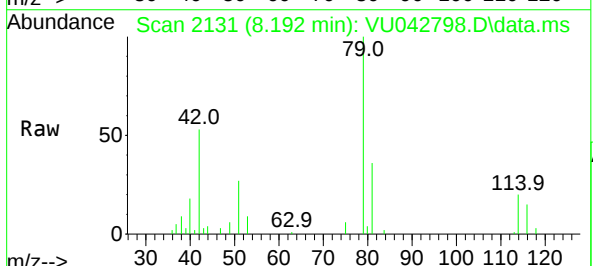
Tgt Ion: 75 Resp: 1124
Ion Ratio Lower Upper
75 100
77 50.8 22.0 40.8#

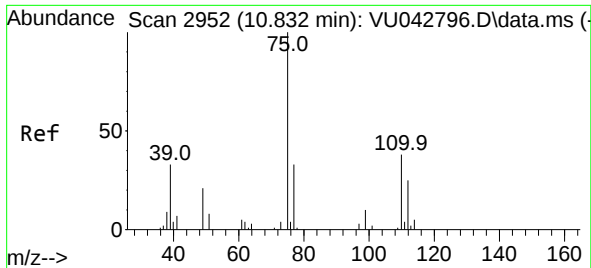


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042798.D
Acq: 26 Mar 2021 12:20

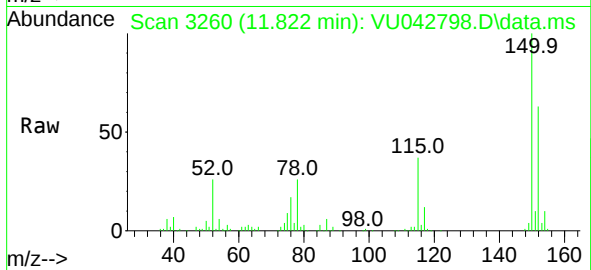
Tgt Ion: 75 Resp: 690
Ion Ratio Lower Upper
75 100
77 0.0 21.8 40.4#





#59
 1,2,3-Trichloropropane
 Concen: 1.03 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.990 min
 Lab File: VU042798.D
 Acq: 26 Mar 2021 12:20

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA8



Tgt Ion: 75 Resp: 6397
 Ion Ratio Lower Upper
 75 100
 77 43.3 26.0 39.0#

