

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030821\
 Data File : VU042518.D
 Acq On : 08 Mar 2021 10:53
 Operator : SY/MD
 Sample : M1588-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 01:36:32 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	6.260	114	107463	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	103758	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	49338	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.604	65	23632	3.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.00%
7) Chloroethane-d5	1.919	69	20945	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.575	63	41210	2.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.00%#
20) 2-Butanone-d5	4.642	46	97582	41.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.98%
24) Chloroform-d	5.073	84	54182	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
26) 1,2-Dichloroethane-d4	5.710	65	36503	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
32) Benzene-d6	5.735	84	98025	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
36) 1,2-Dichloropropane-d6	6.700	67	31746	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.40%
41) Toluene-d8	7.906	98	91390	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloroprop...	8.189	79	13929	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.645	63	69283	37.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.48%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	28208	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	37953	4.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.80%

Target Compounds

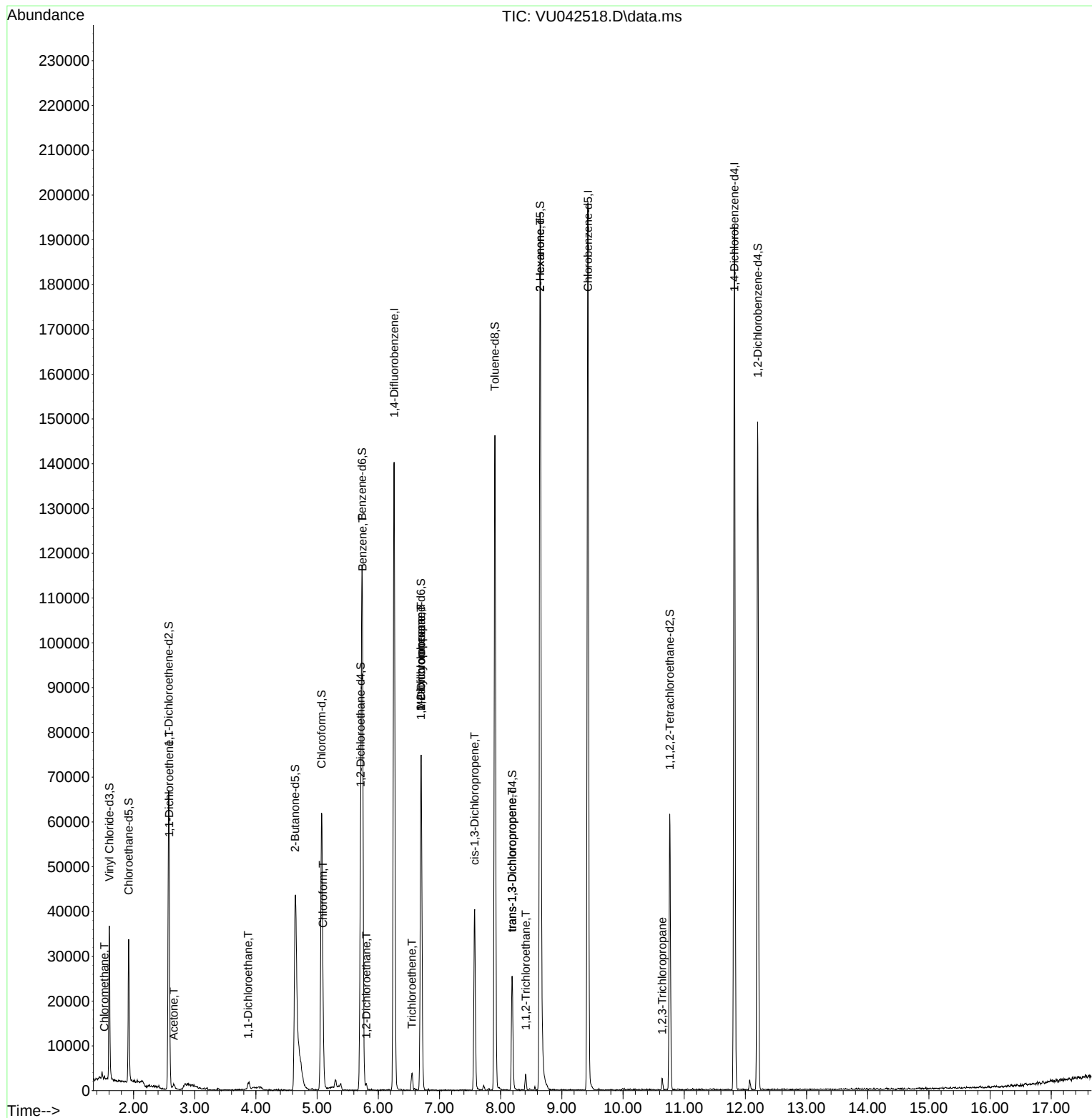
					Qvalue
3) Chloromethane	1.523	50	478	0.05	ug/L 90
12) 1,1-Dichloroethene	2.584	96	1050	0.14	ug/L # 1
13) Acetone	2.658	43	2001	1.10	ug/L 76
19) 1,1-Dichloroethane	3.874	63	1167	0.08	ug/L 94
25) Chloroform	5.096	83	5196	0.32	ug/L 93
27) 1,2-Dichloroethane	5.803	62	888	0.07	ug/L # 75
33) Benzene	5.742	78	839	0.03	ug/L 100
34) Trichloroethene	6.549	95	1275	0.14	ug/L 96
35) Methylcyclohexane	6.700	83	7678	0.56	ug/L # 14
37) 1,2-Dichloropropane	6.697	63	3978	0.45	ug/L # 87
39) cis-1,3-Dichloropropene	7.575	75	984	0.08	ug/L # 58
44) trans-1,3-Dichloropropene	8.185	75	750	0.06	ug/L 90
45) 1,1,2-Trichloroethane	8.411	97	1084	0.17	ug/L 93
48) 2-Hexanone	8.645	43	11211	1.99	ug/L # 70
59) 1,2,3-Trichloropropane	10.642	75	497	0.08	ug/L # 42

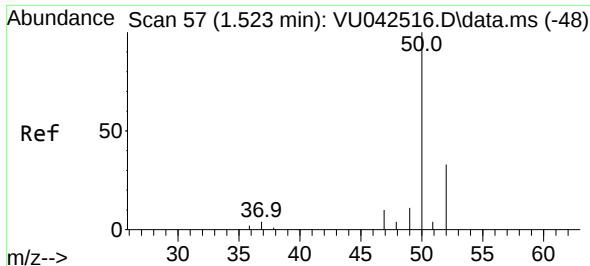
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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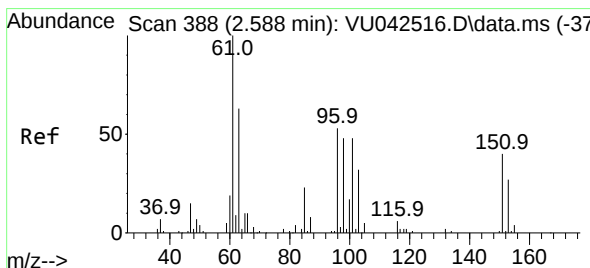
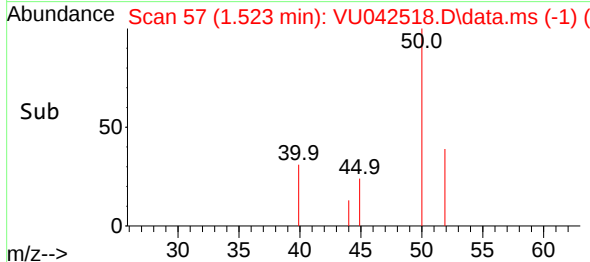
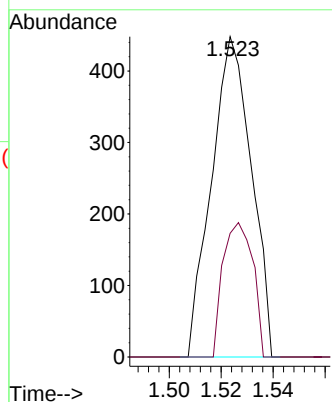
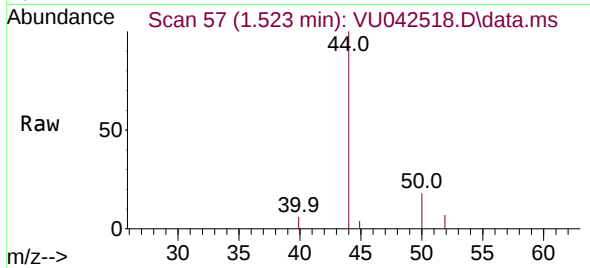




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042518.D
Acq: 08 Mar 2021 10:53

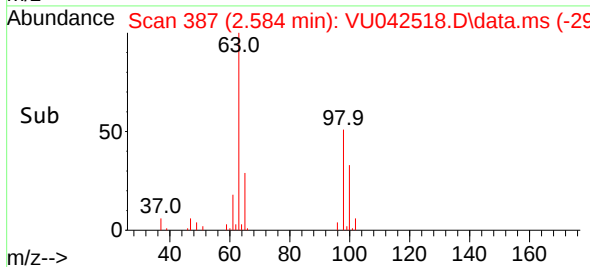
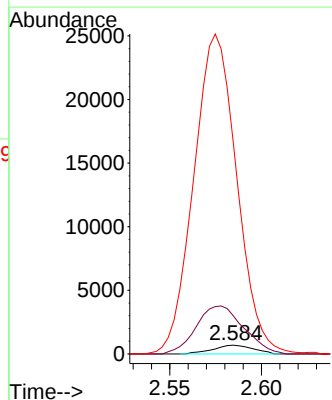
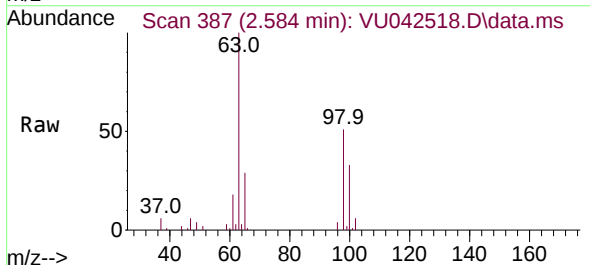
Instrument :
MSVOA_U
ClientSampled :

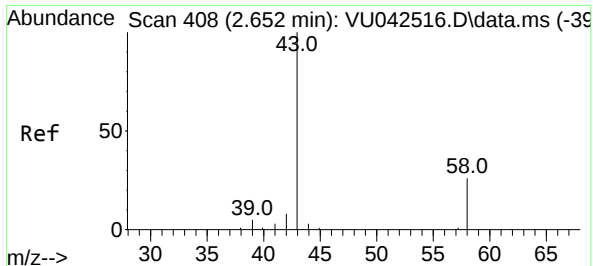
Tgt Ion: 50 Resp: 478
Ion Ratio Lower Upper
50 100
52 38.6 23.0 42.8



#12
1,1-Dichloroethene
Concen: 0.14 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU042518.D
Acq: 08 Mar 2021 10:53

Tgt Ion: 96 Resp: 1050
Ion Ratio Lower Upper
96 100
61 440.6 126.2 234.4#
63 2448.9 77.8 144.4#

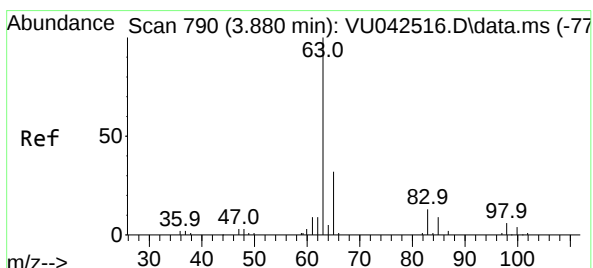
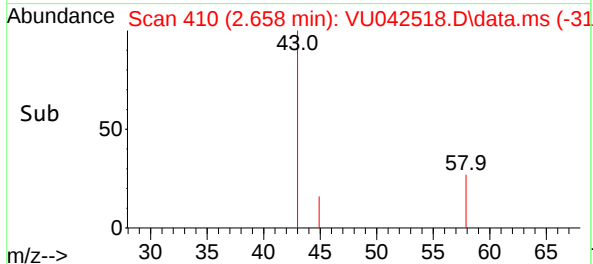
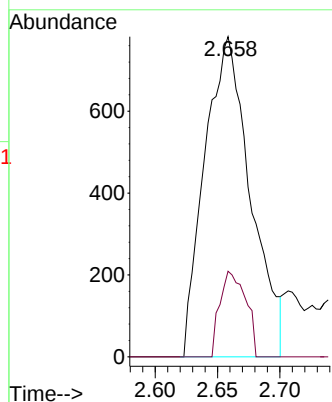
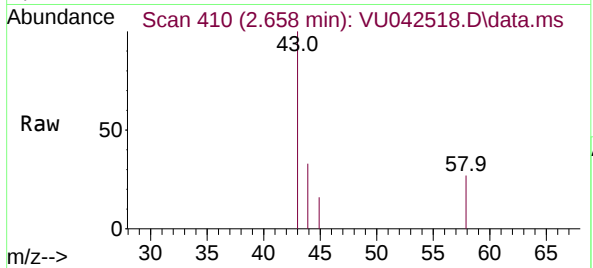




#13
Acetone
Concen: 1.10 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.006 min
Lab File: VU042518.D
Acq: 08 Mar 2021 10:53

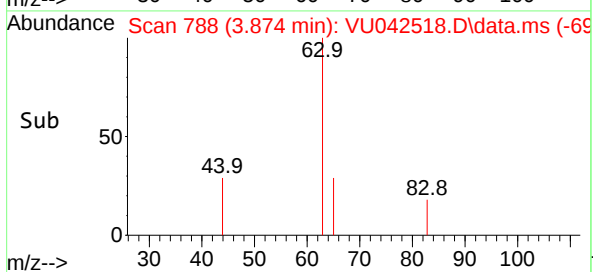
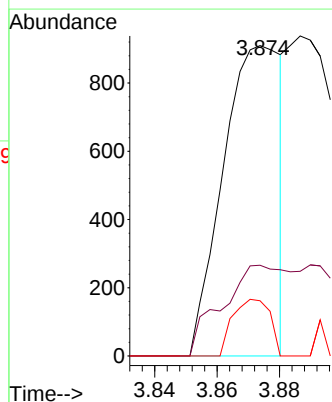
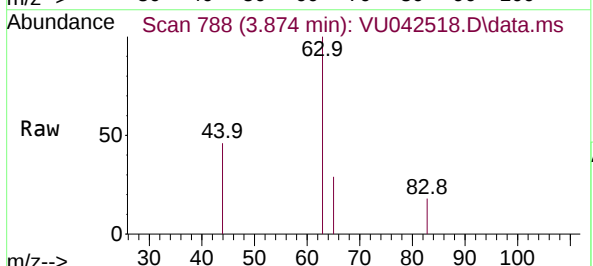
Instrument :
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ClientSampleId :

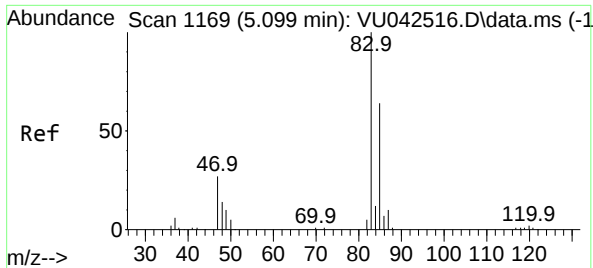
Tgt Ion: 43 Resp: 2001
Ion Ratio Lower Upper
43 100
58 15.0 0.0 55.8



#19
1,1-Dichloroethane
Concen: 0.08 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.006 min
Lab File: VU042518.D
Acq: 08 Mar 2021 10:53

Tgt Ion: 63 Resp: 1167
Ion Ratio Lower Upper
63 100
65 29.2 22.5 41.9
83 17.8 10.1 18.7

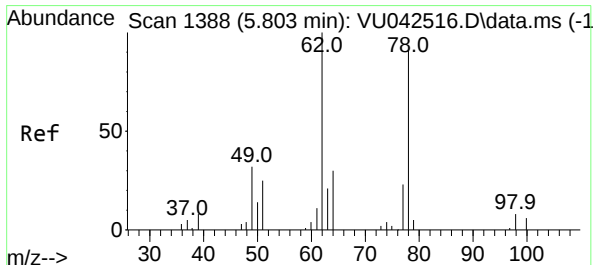
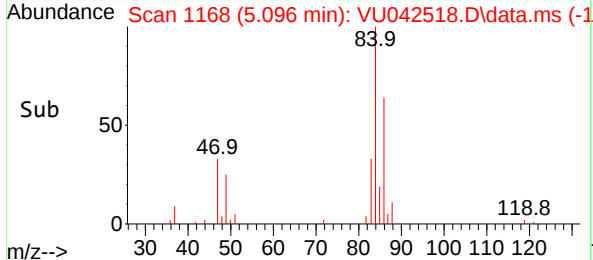
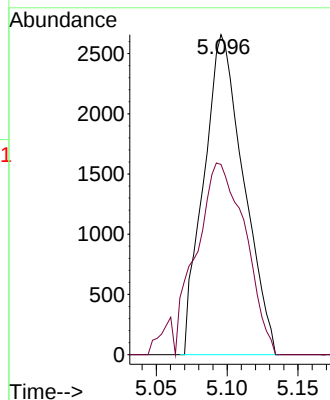
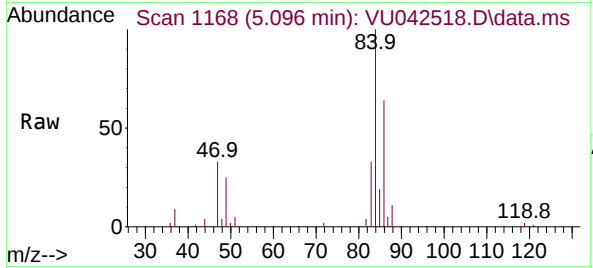




#25
Chloroform
Concen: 0.32 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042518.D
Acq: 08 Mar 2021 10:53

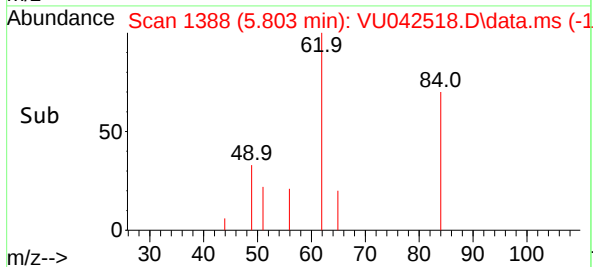
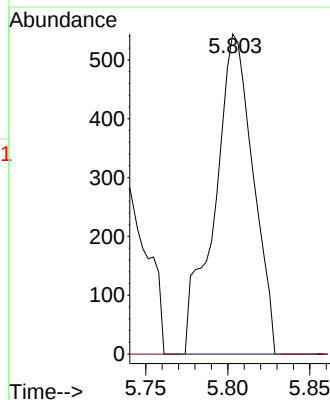
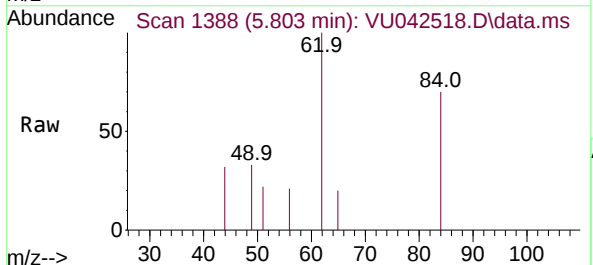
Instrument :
MSVOA_U
ClientSampled :

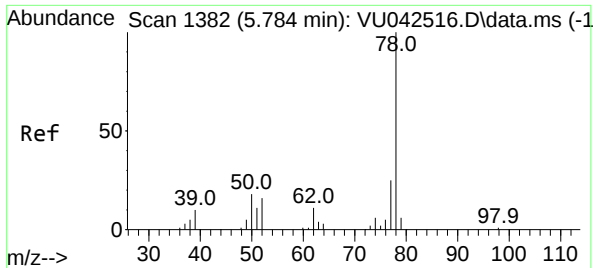
Tgt Ion: 83 Resp: 5196
Ion Ratio Lower Upper
83 100
85 59.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU042518.D
Acq: 08 Mar 2021 10:53

Tgt Ion: 62 Resp: 888
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

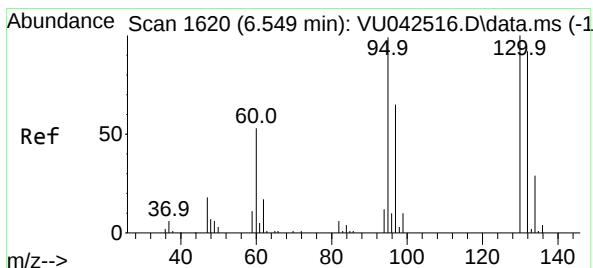
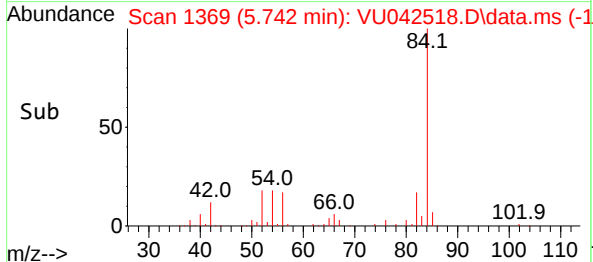
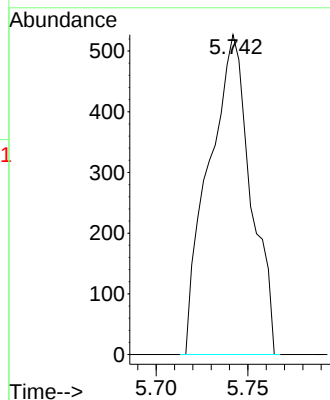
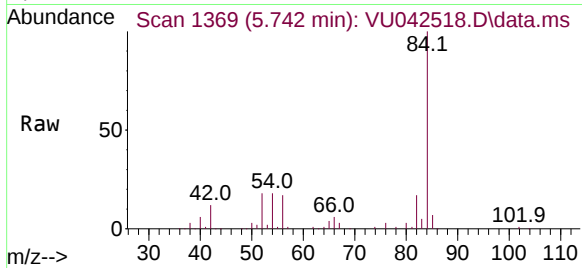




#33
Benzene
Concen: 0.03 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.042 min
Lab File: VU042518.D
Acq: 08 Mar 2021 10:53

Instrument :
MSVOA_U
ClientSampled :

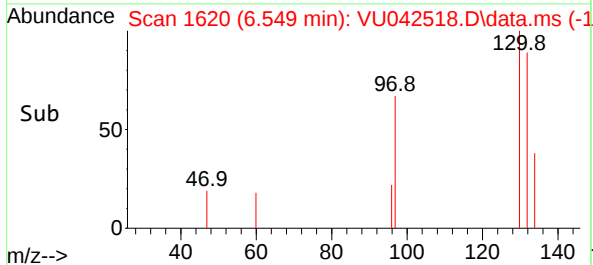
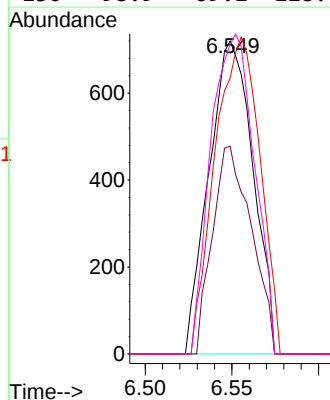
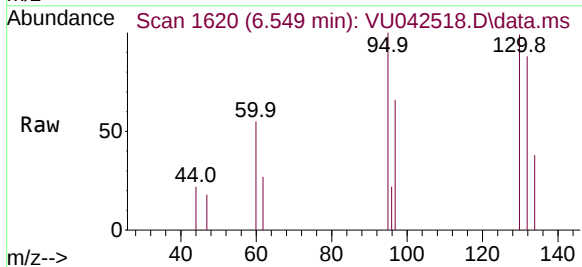
Tgt Ion: 78 Resp: 839

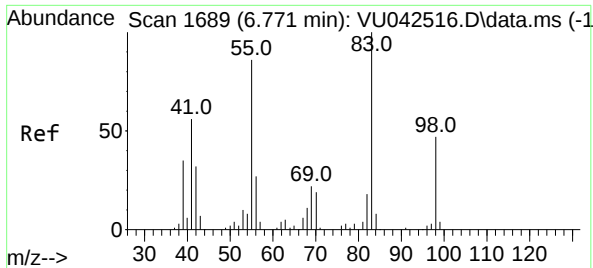


#34
Trichloroethene
Concen: 0.14 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU042518.D
Acq: 08 Mar 2021 10:53

Tgt Ion: 95 Resp: 1275

Ion	Ratio	Lower	Upper
95	100		
97	66.4	44.4	82.4
132	88.2	68.0	126.4
130	98.9	69.2	128.4





#35

Methylcyclohexane

Concen: 0.56 ug/L

RT: 6.700 min Scan# 1667

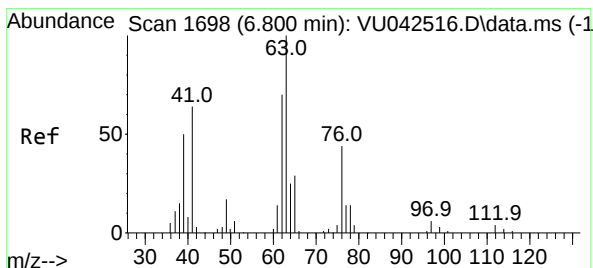
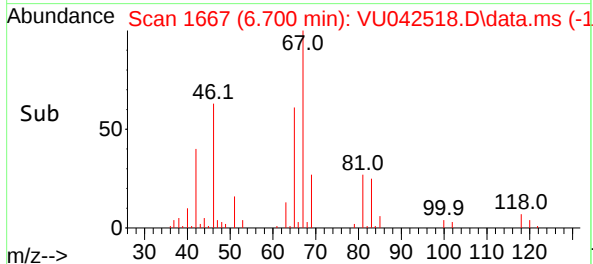
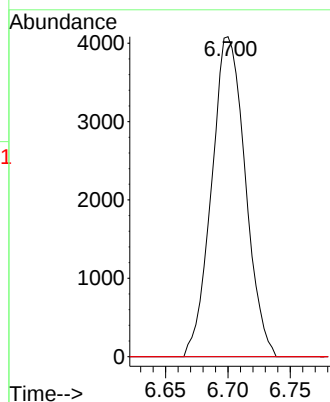
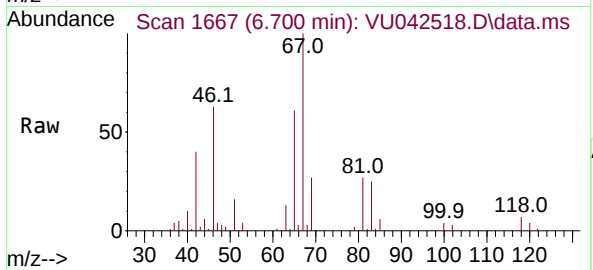
Delta R.T. -0.071 min

Lab File: VU042518.D

Acq: 08 Mar 2021 10:53

Tgt Ion:	83	Resp:	7678
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: 0.45 ug/L

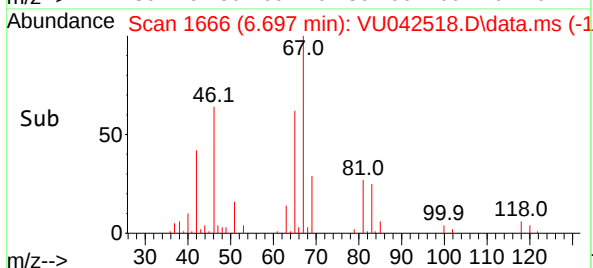
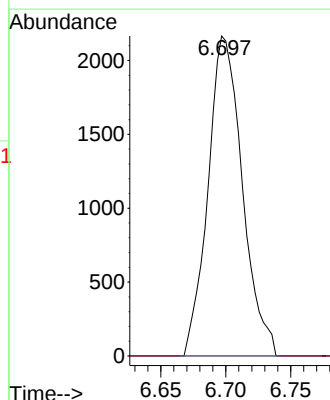
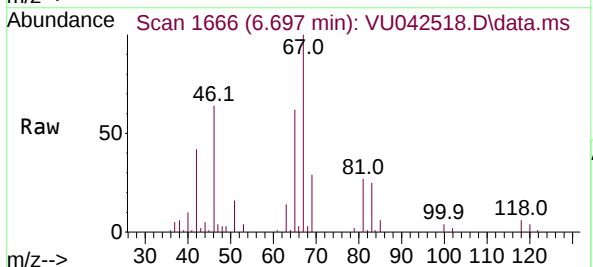
RT: 6.697 min Scan# 1666

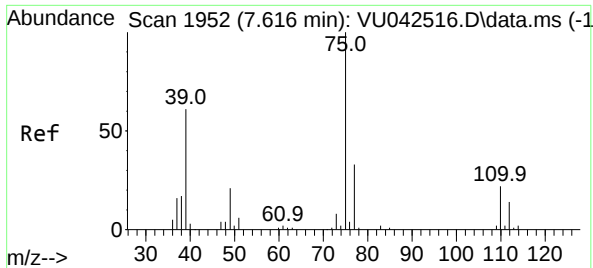
Delta R.T. -0.103 min

Lab File: VU042518.D

Acq: 08 Mar 2021 10:53

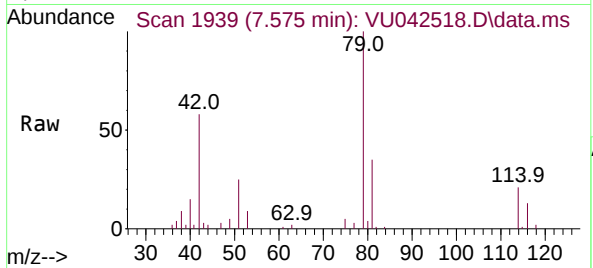
Tgt Ion:	63	Resp:	3978
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



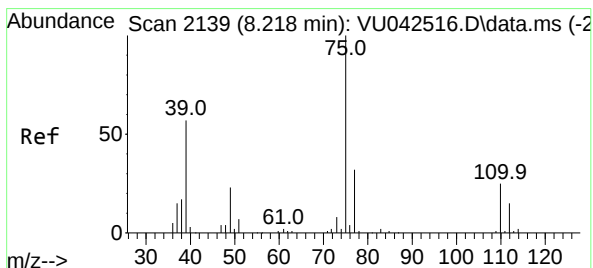
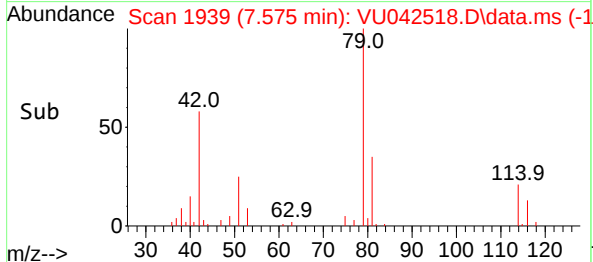
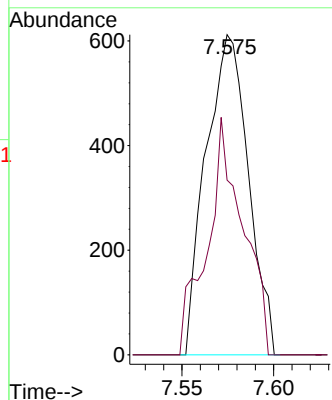


#39
 cis-1,3-Dichloropropene
 Concen: 0.08 ug/L
 RT: 7.575 min Scan# 1939
 Delta R.T. -0.042 min
 Lab File: VU042518.D
 Acq: 08 Mar 2021 10:53

Instrument :
 MSVOA_U
 ClientSampled :

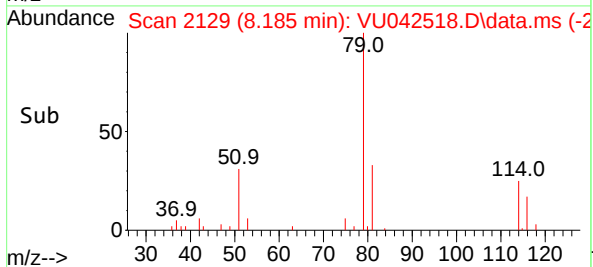
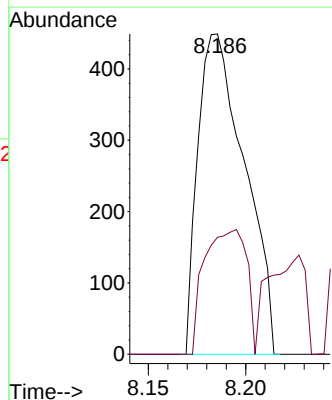
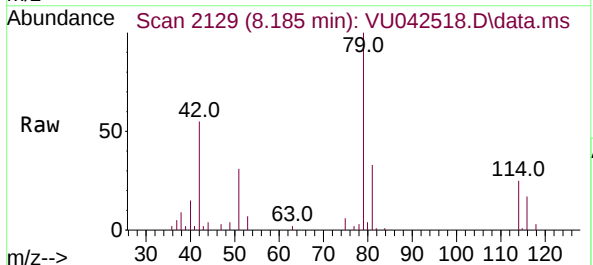


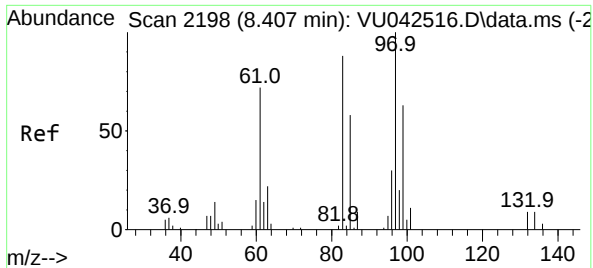
Tgt Ion: 75 Resp: 984
 Ion Ratio Lower Upper
 75 100
 77 54.6 22.0 40.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.06 ug/L
 RT: 8.185 min Scan# 2129
 Delta R.T. -0.032 min
 Lab File: VU042518.D
 Acq: 08 Mar 2021 10:53

Tgt Ion: 75 Resp: 750
 Ion Ratio Lower Upper
 75 100
 77 36.5 21.8 40.4

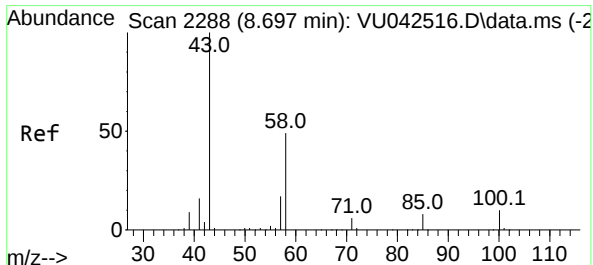
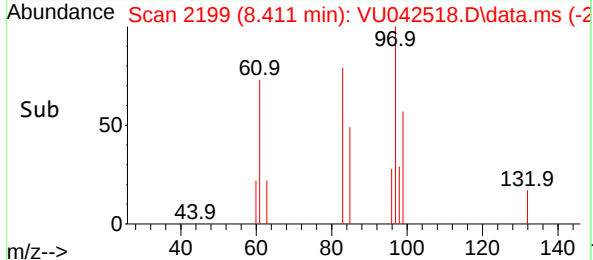
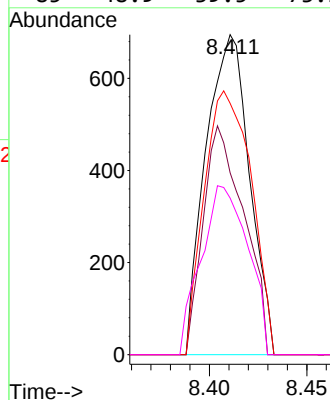
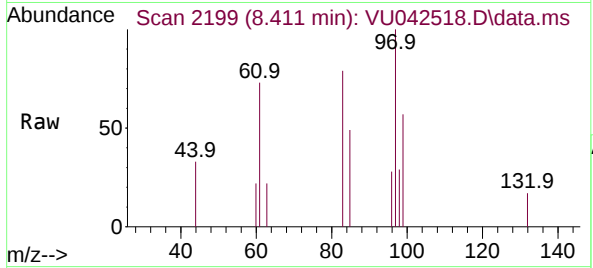




#45
1,1,2-Trichloroethane
Concen: 0.17 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU042518.D
Acq: 08 Mar 2021 10:53

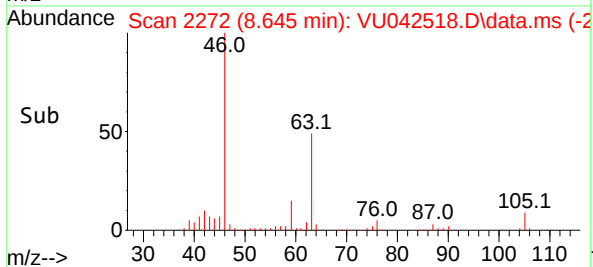
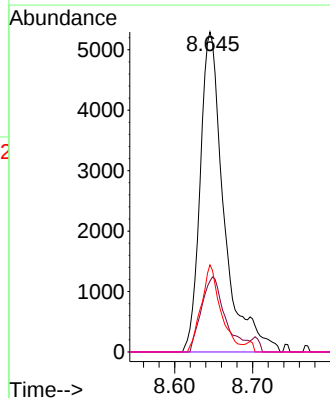
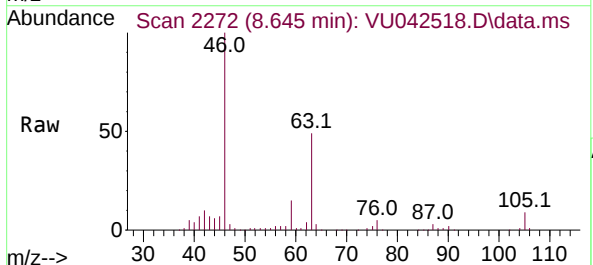
Instrument :
MSVOA_U
ClientSampled :

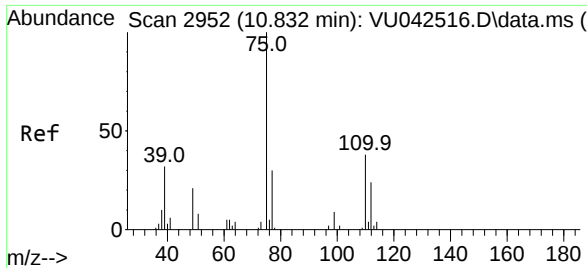
Tgt Ion	Ratio	Lower	Upper
97	100		
99	56.8	44.0	81.8
83	78.6	57.6	107.0
85	48.9	39.5	73.3



#48
2-Hexanone
Concen: 1.99 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042518.D
Acq: 08 Mar 2021 10:53

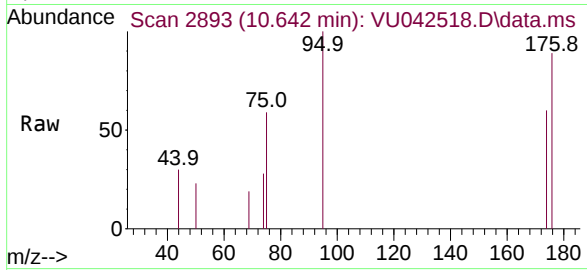
Tgt Ion	Ratio	Lower	Upper
43	100		
58	23.8	40.6	61.0#
57	22.5	14.9	22.3#
100	0.0	8.6	12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.08 ug/L
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.190 min
 Lab File: VU042518.D
 Acq: 08 Mar 2021 10:53

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 497
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

