

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042654.D
 Acq On : 15 Mar 2021 10:58
 Operator : SY/MD
 Sample : M1674-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BC8

Quant Time: Mar 16 01:33:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

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

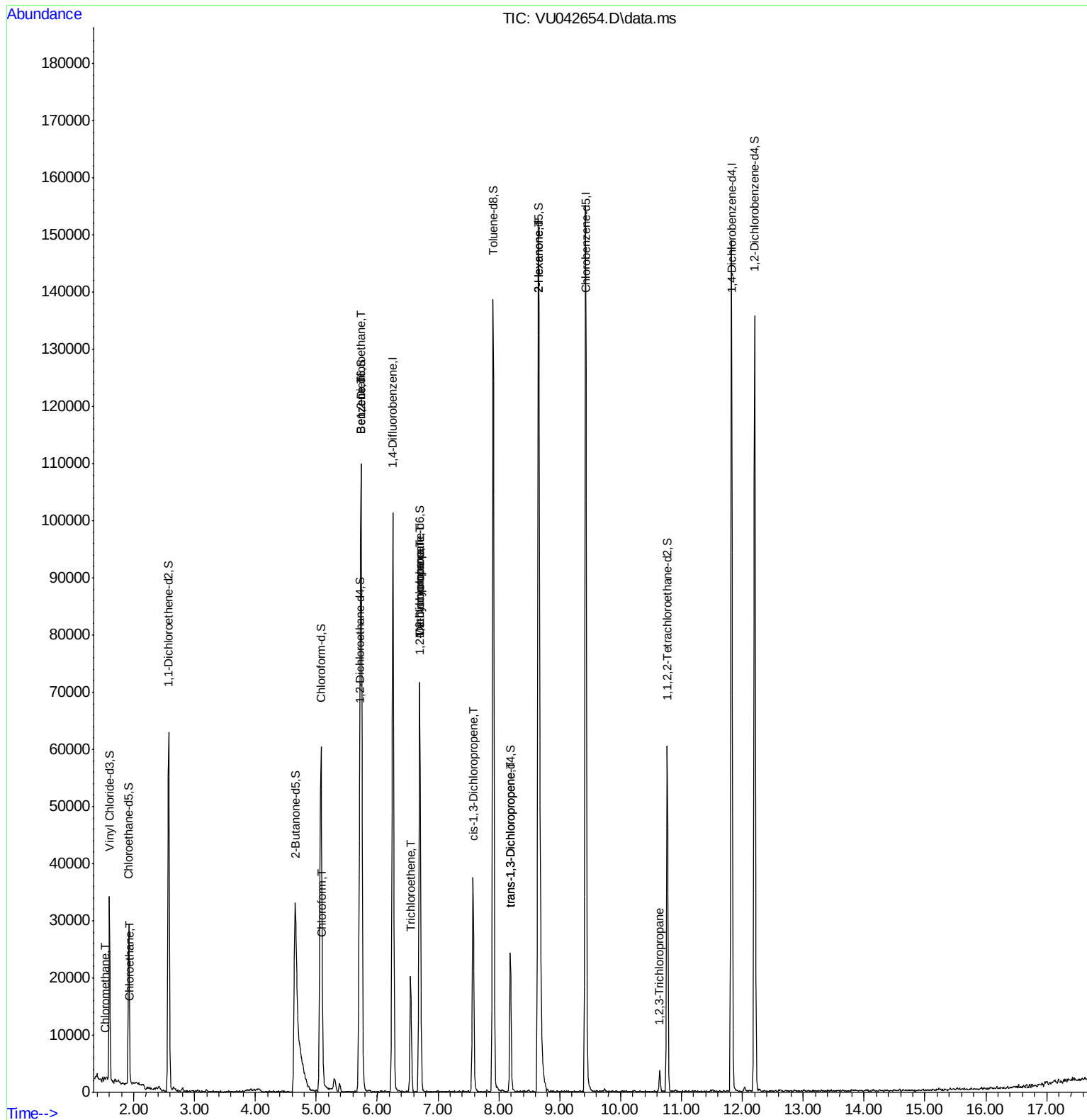
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	78829	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	82647	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	38328	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21438	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.919	69	18820	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.575	63	38485	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.652	46	81622	47.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.60%
24) Chloroform-d	5.073	84	51577	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.713	65	33736	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.738	84	89987	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.700	67	30364	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.906	98	87478	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloroprop...	8.189	79	12774	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.652	63	61590	42.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.24%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	27654	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	34303	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%
Target Compounds						
3) Chloromethane	1.523	50	381	0.05	ug/L #	75
8) Chloroethane	1.935	64	206	0.05	ug/L #	43
25) Chloroform	5.099	83	3679	0.31	ug/L	84
27) 1,2-Dichloroethane	5.735	62	355	0.04	ug/L #	75
33) Benzene	5.738	78	680	0.03	ug/L	100
34) Trichloroethene	6.549	95	6411	0.89	ug/L	98
35) Methylcyclohexane	6.700	83	7382	0.68	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	4025	0.58	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	993	0.10	ug/L #	65
44) trans-1,3-Dichloropropene	8.189	75	536	0.06	ug/L #	64
48) 2-Hexanone	8.655	43	10210	2.27	ug/L #	71
59) 1,2,3-Trichloropropane	10.642	75	826	0.16	ug/L #	42

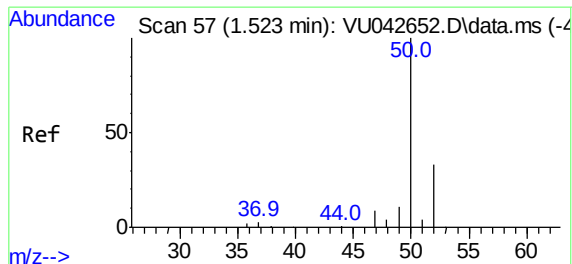
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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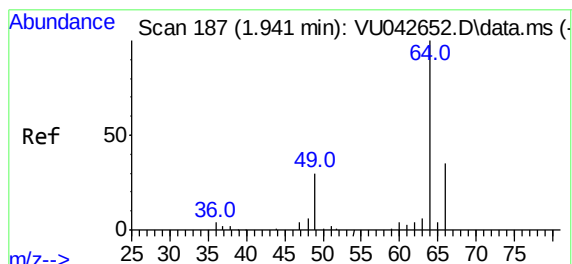
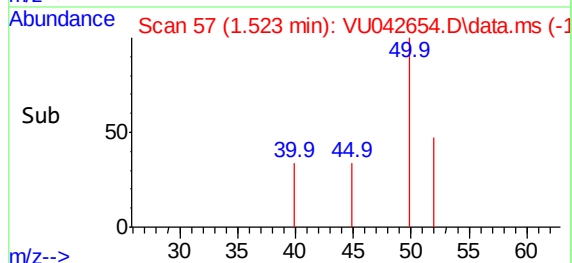
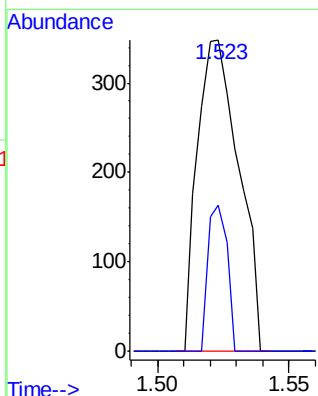
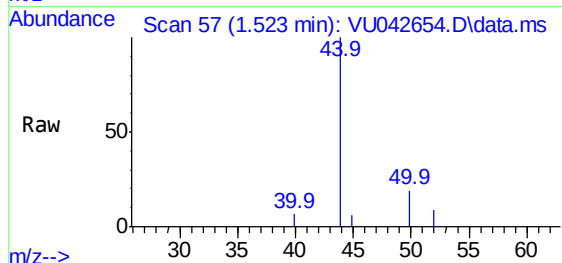




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042654.D
Acq: 15 Mar 2021 10:58

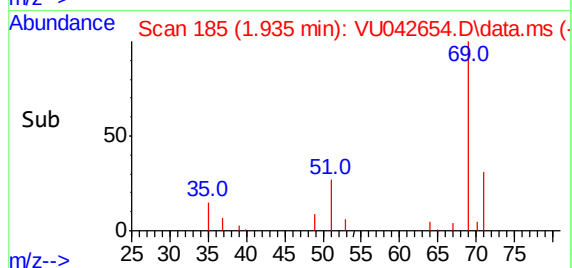
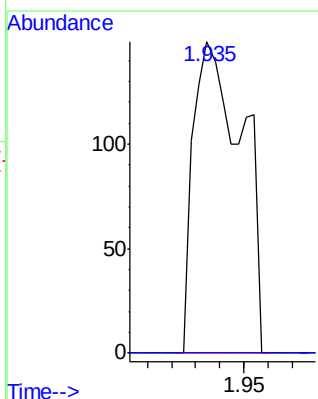
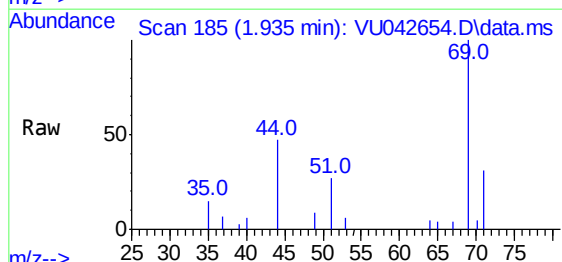
Instrument :
MSVOA_U
ClientSampled :
C0BC8

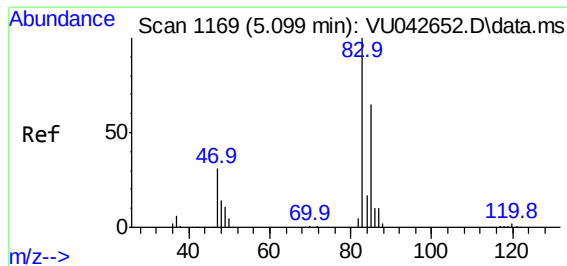
Tgt Ion: 50 Resp: 381
Ion Ratio Lower Upper
50 100
52 46.8 23.0 42.8#



#8
Chloroethane
Concen: 0.05 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.007 min
Lab File: VU042654.D
Acq: 15 Mar 2021 10:58

Tgt Ion: 64 Resp: 206
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#

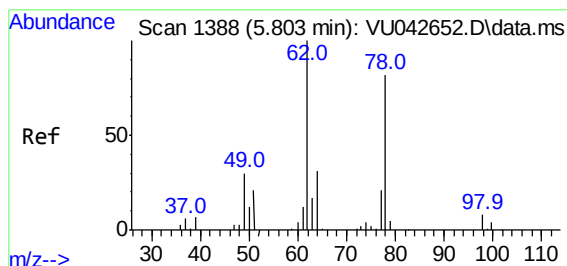
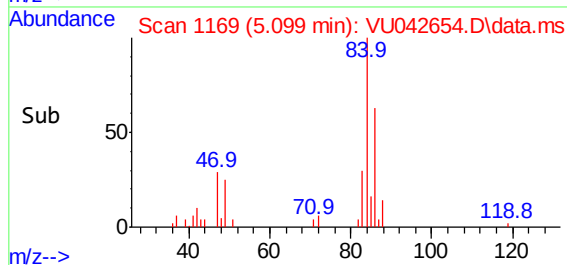
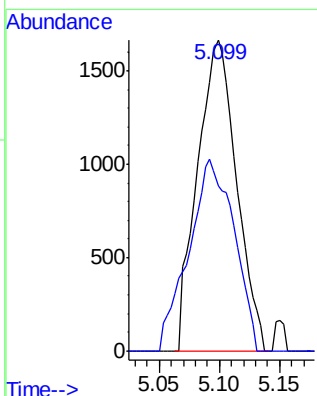
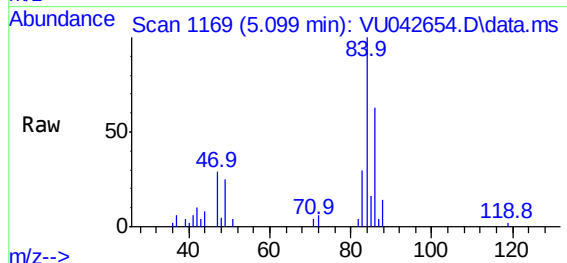




#25
Chloroform
Concen: 0.31 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042654.D
Acq: 15 Mar 2021 10:58

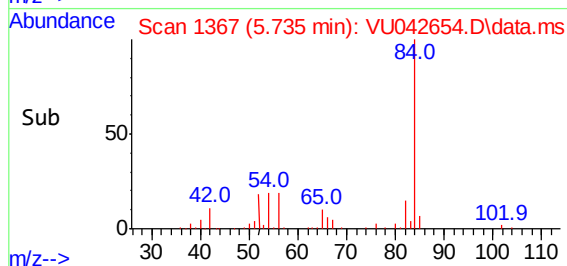
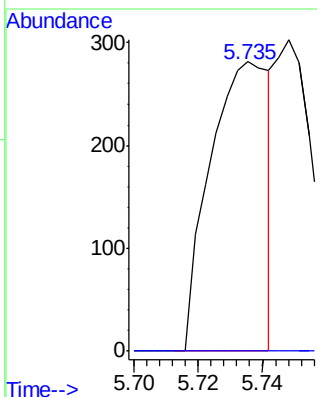
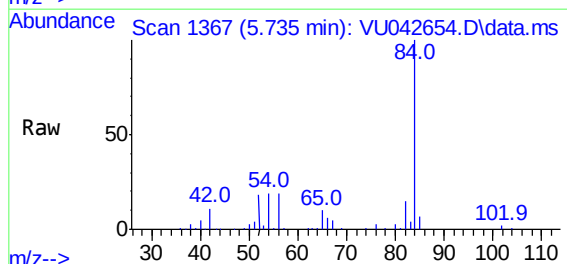
Instrument :
MSVOA_U
ClientSampleId :
C0BC8

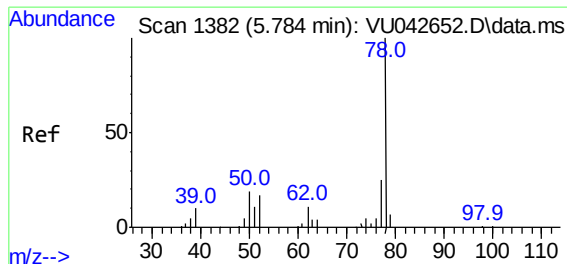
Tgt Ion: 83 Resp: 3679
Ion Ratio Lower Upper
83 100
85 53.0 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.04 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042654.D
Acq: 15 Mar 2021 10:58

Tgt Ion: 62 Resp: 355
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

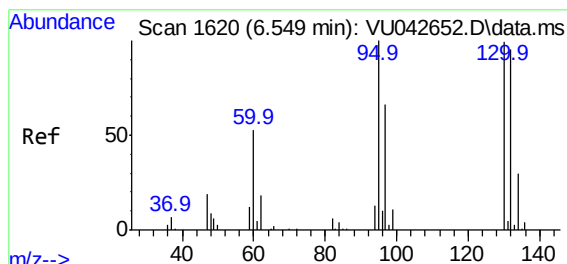
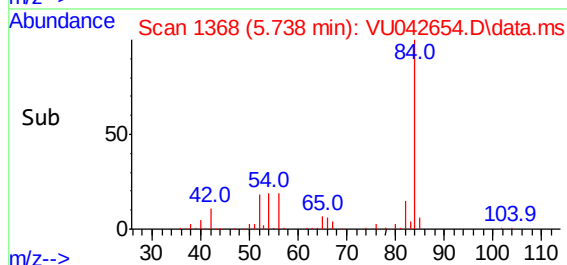
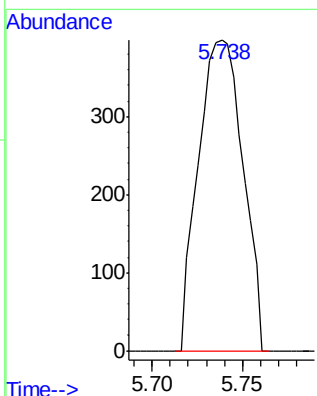
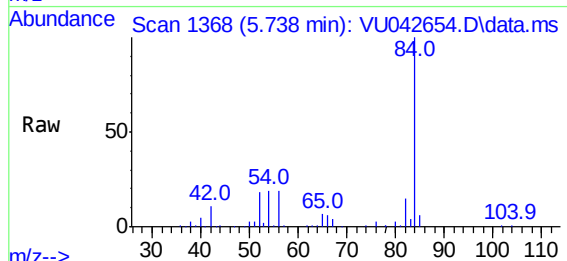




#33
Benzene
Concen: 0.03 ug/L
RT: 5.738 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042654.D
Acq: 15 Mar 2021 10:58

Instrument :
MSVOA_U
ClientSampleId :
C0BC8

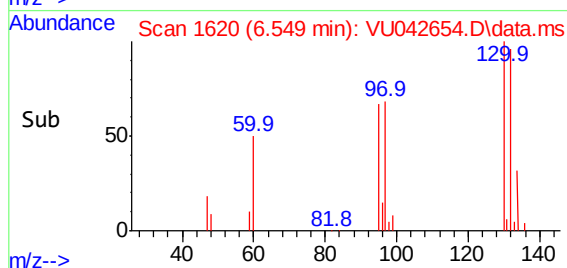
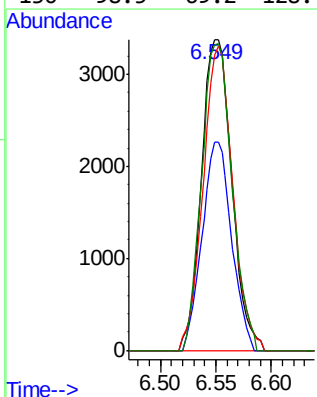
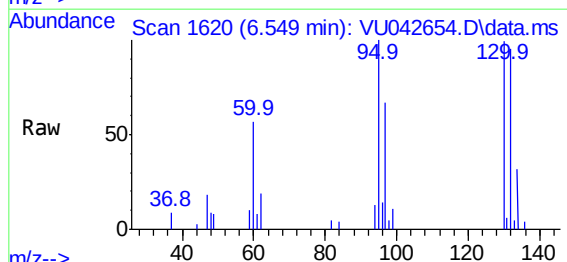
Tgt Ion: 78 Resp: 680

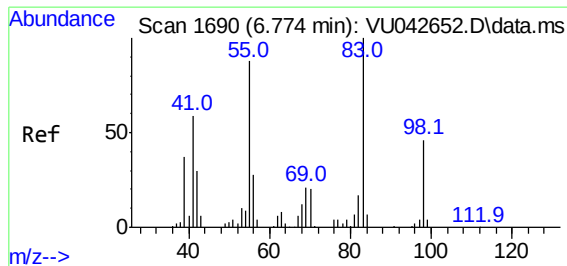


#34
Trichloroethene
Concen: 0.89 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU042654.D
Acq: 15 Mar 2021 10:58

Tgt Ion: 95 Resp: 6411

Ion	Ratio	Lower	Upper
95	100		
97	67.2	44.4	82.4
132	95.0	68.0	126.4
130	98.5	69.2	128.4

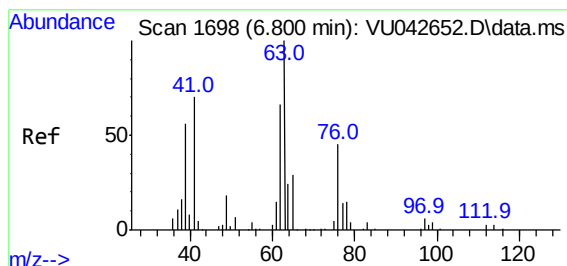
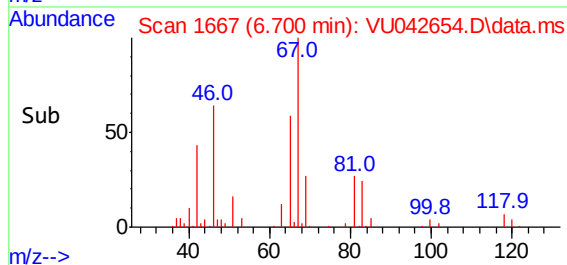
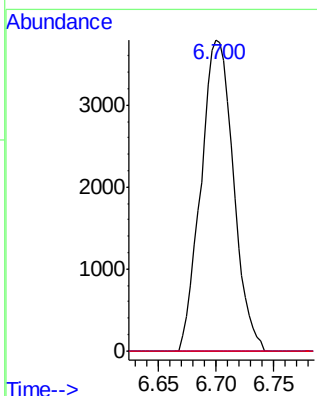
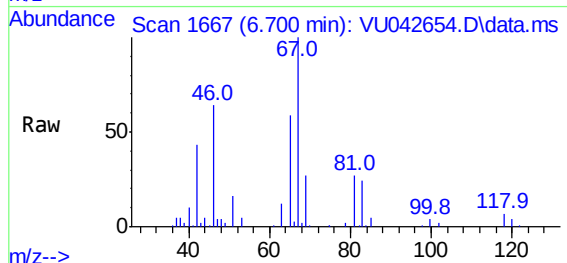




#35
Methylcyclohexane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042654.D
Acq: 15 Mar 2021 10:58

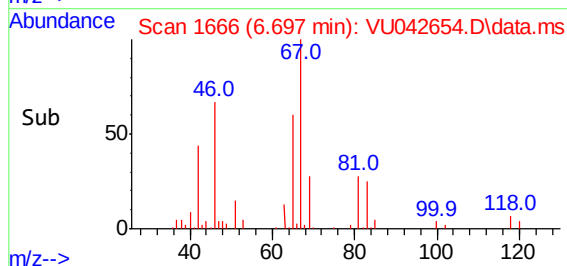
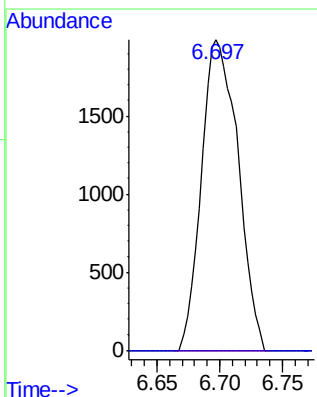
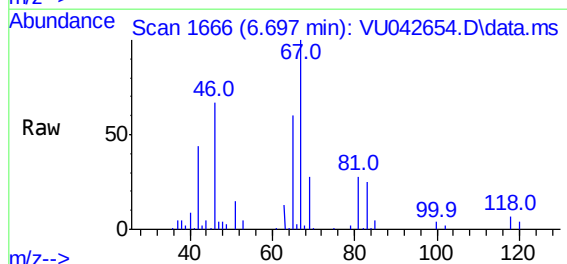
Instrument :
MSVOA_U
ClientSampleId :
C0BC8

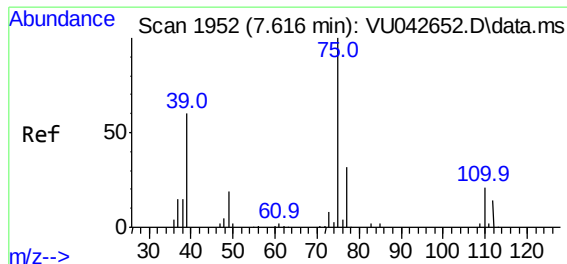
Tgt Ion: 83 Resp: 7382
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.8 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042654.D
Acq: 15 Mar 2021 10:58

Tgt Ion: 63 Resp: 4025
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

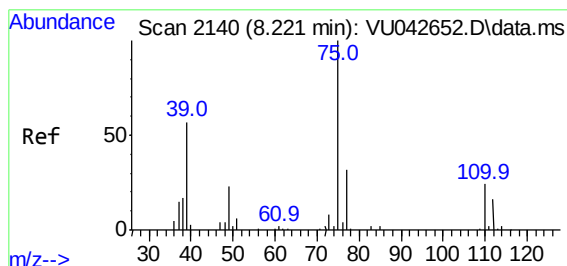
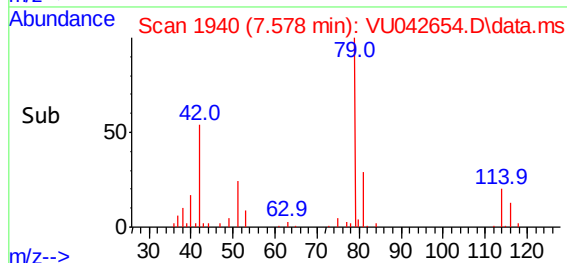
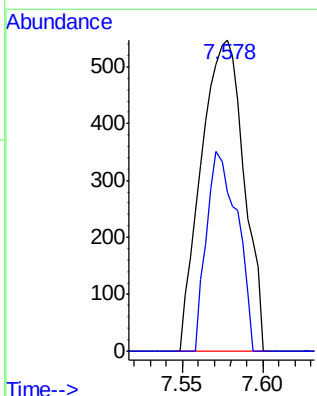
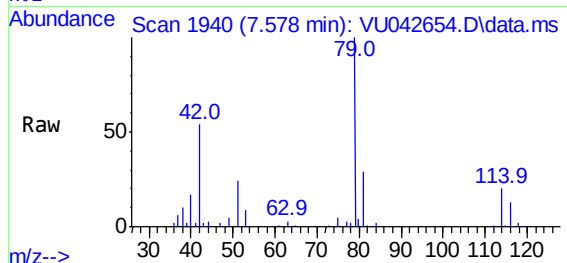




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU042654.D
Acq: 15 Mar 2021 10:58

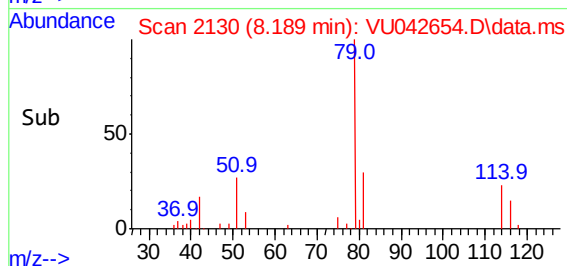
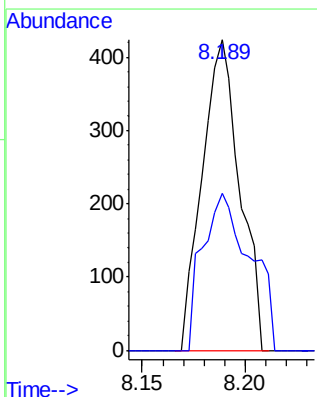
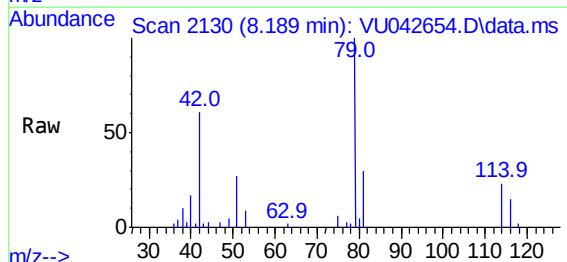
Instrument :
MSVOA_U
ClientSampled :
C0BC8

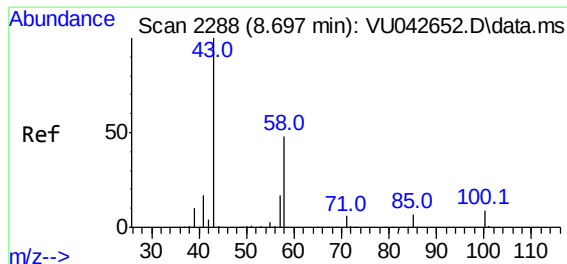
Tgt Ion: 75 Resp: 993
Ion Ratio Lower Upper
75 100
77 50.8 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042654.D
Acq: 15 Mar 2021 10:58

Tgt Ion: 75 Resp: 536
Ion Ratio Lower Upper
75 100
77 50.7 21.8 40.4#



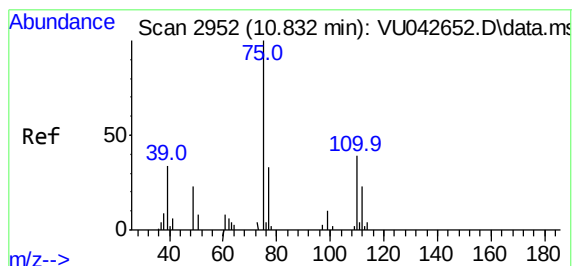
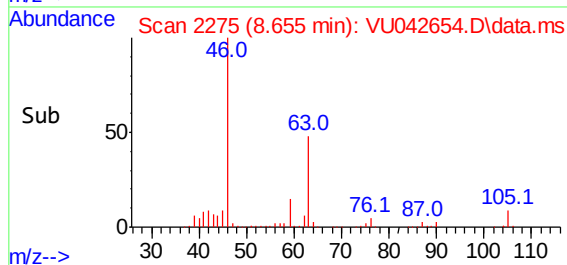
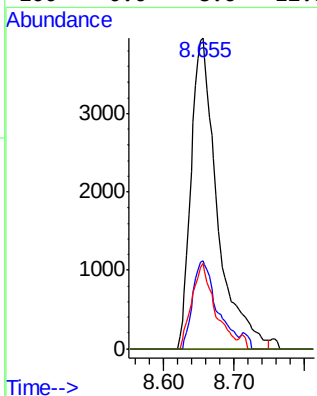
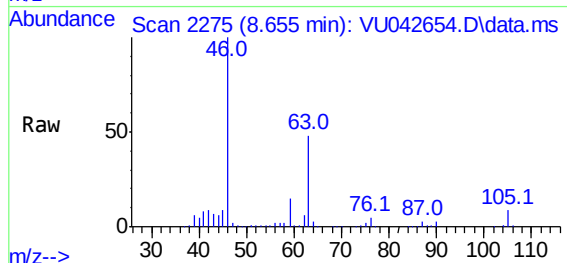


#48
2-Hexanone
Concen: 2.27 ug/L
RT: 8.655 min Scan# 2275
Delta R.T. -0.042 min
Lab File: VU042654.D
Acq: 15 Mar 2021 10:58

Instrument :
MSVOA_U
ClientSampleId :
C0BC8

Tgt Ion: 43 Resp: 10210

Ion	Ratio	Lower	Upper
43	100		
58	26.2	40.6	61.0#
57	24.2	14.9	22.3#
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 0.16 ug/L
RT: 10.642 min Scan# 2893
Delta R.T. -0.190 min
Lab File: VU042654.D
Acq: 15 Mar 2021 10:58

Tgt Ion: 75 Resp: 826

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.0	39.0#

