

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030521\
 Data File : VU042498.D
 Acq On : 05 Mar 2021 11:25
 Operator : SY/MD
 Sample : M1570-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 05 13:46:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 05 00:31:48 2021
 Response via : Initial Calibration

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

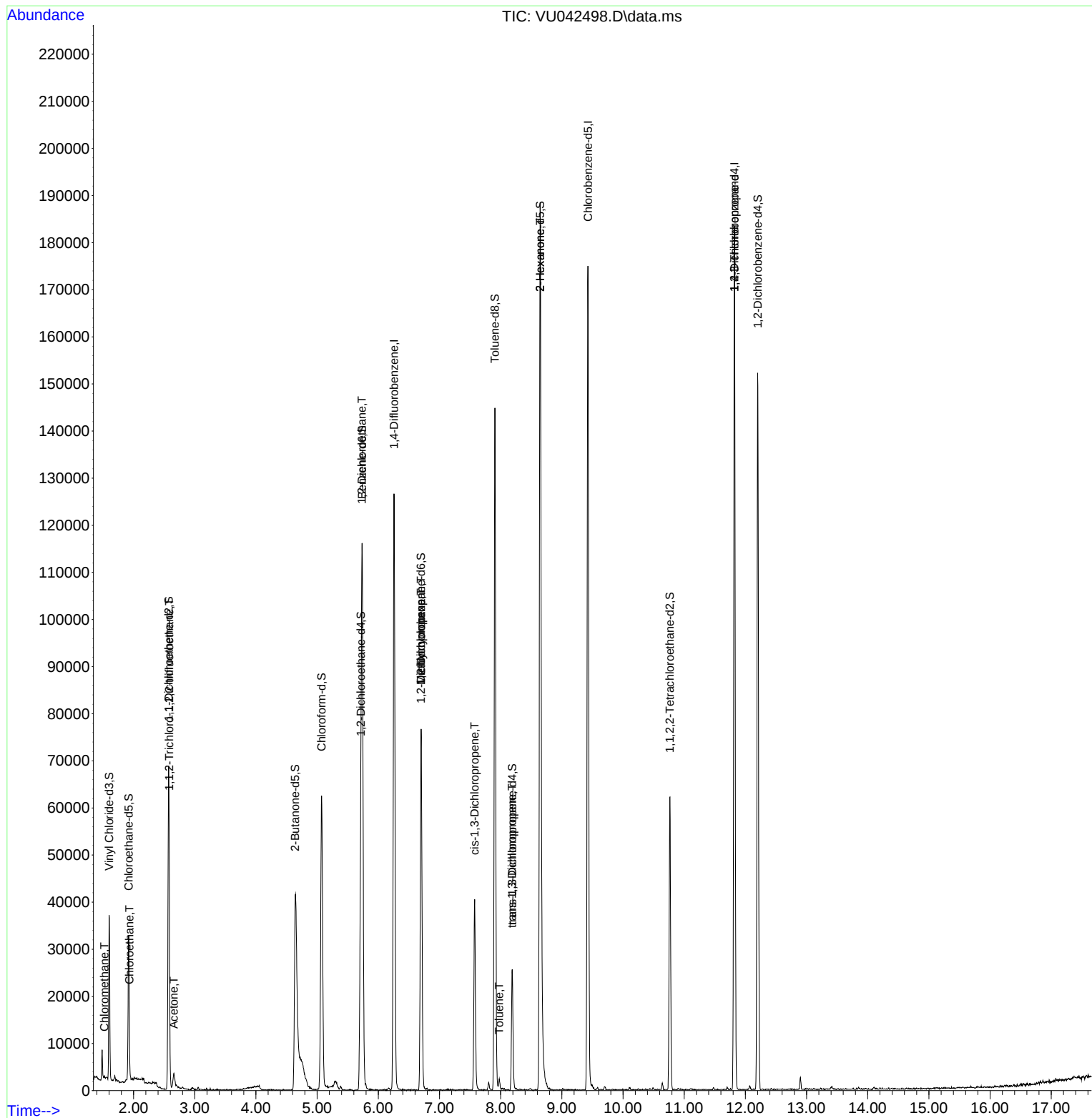
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	96136	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	93277	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	45854	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	23760	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.919	69	21120	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.575	63	41883	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.642	46	84036	39.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.88%
24) Chloroform-d	5.073	84	54764	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.713	65	35235	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.735	84	96773	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.700	67	32642	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.906	98	89295	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloroprop...	8.189	79	13558	3.93	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	70683	42.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.66%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	28768	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	37935	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	583	0.07	ug/L	95
8) Chloroethane	1.932	64	231	0.05	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	355	0.05	ug/L #	18
13) Acetone	2.658	43	4832	2.98	ug/L	99
27) 1,2-Dichloroethane	5.732	62	675	0.06	ug/L #	75
35) Methylcyclohexane	6.700	83	7716	0.63	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	4126	0.52	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1170	0.10	ug/L #	64
42) Toluene	7.977	91	1257	0.04	ug/L	91
44) trans-1,3-Dichloropropene	8.186	75	815	0.08	ug/L	99
48) 2-Hexanone	8.645	43	10185	2.01	ug/L #	67
59) 1,2,3-Trichloropropane	11.822	75	5663	0.96	ug/L	91

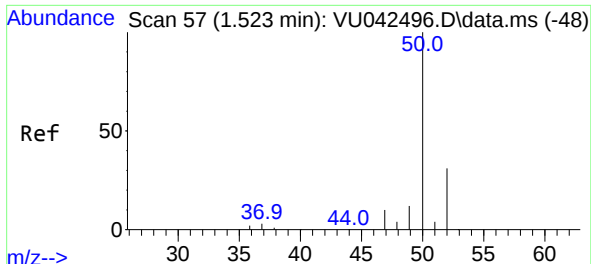
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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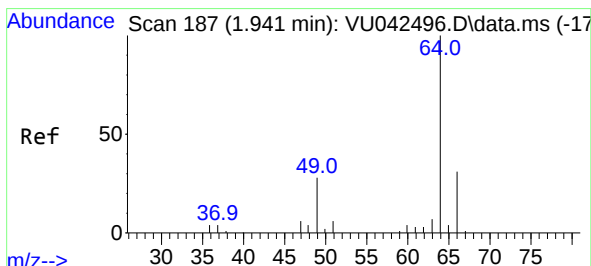
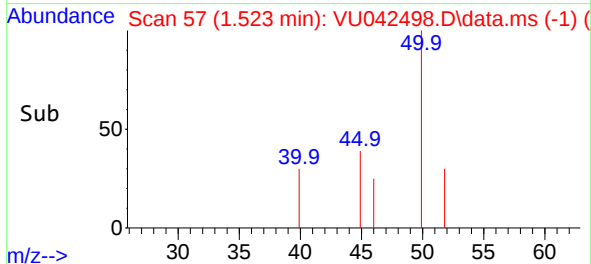
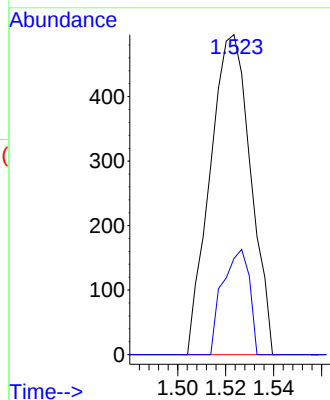
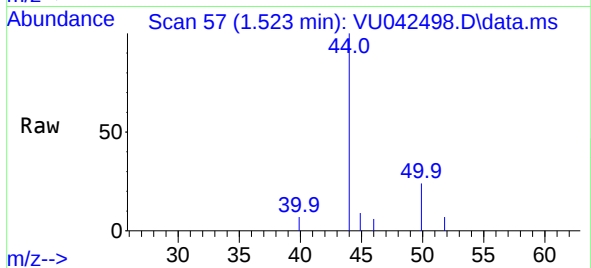




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042498.D
Acq: 05 Mar 2021 11:25

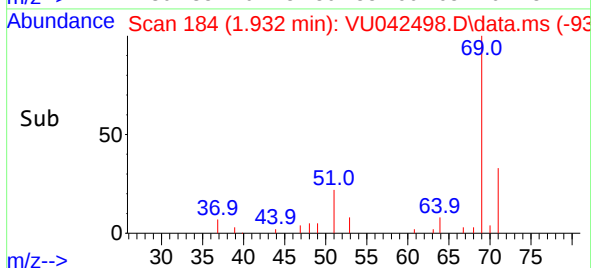
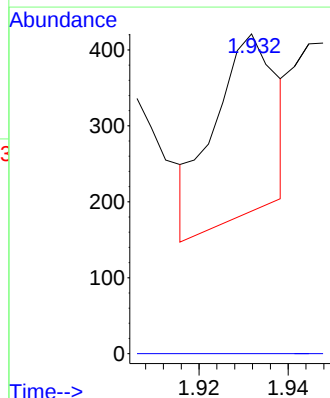
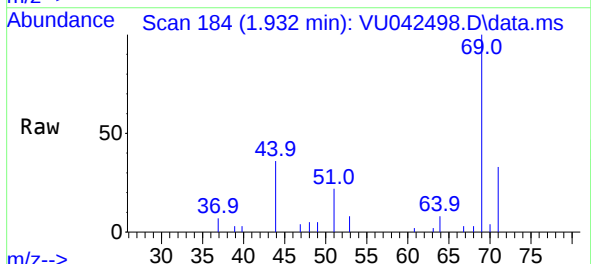
Instrument :
MSVOA_U
ClientSampled :

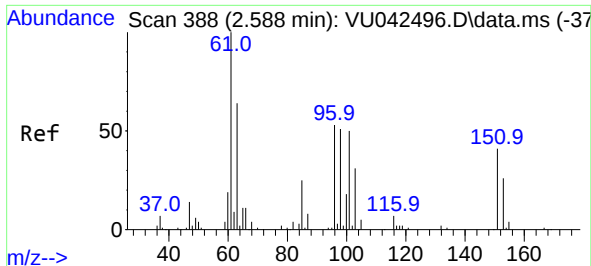
Tgt Ion: 50 Resp: 583
Ion Ratio Lower Upper
50 100
52 30.0 23.0 42.8



#8
Chloroethane
Concen: 0.05 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.007 min
Lab File: VU042498.D
Acq: 05 Mar 2021 11:25

Tgt Ion: 64 Resp: 231
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#

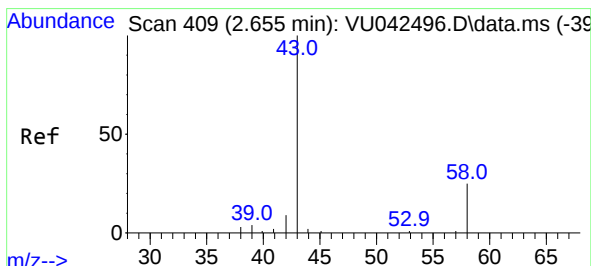
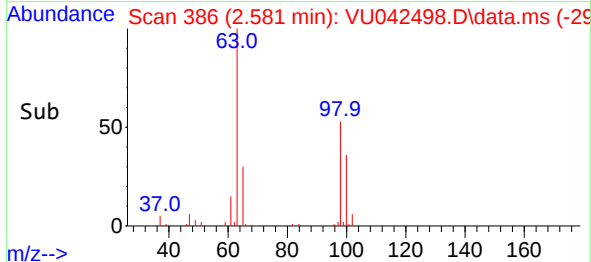
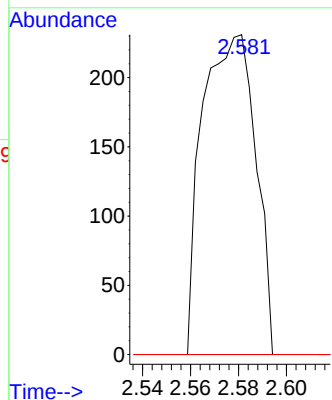
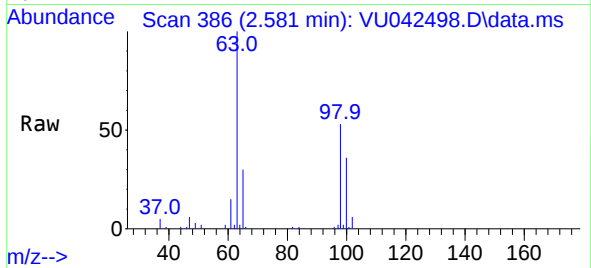




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.007 min
Lab File: VU042498.D
Acq: 05 Mar 2021 11:25

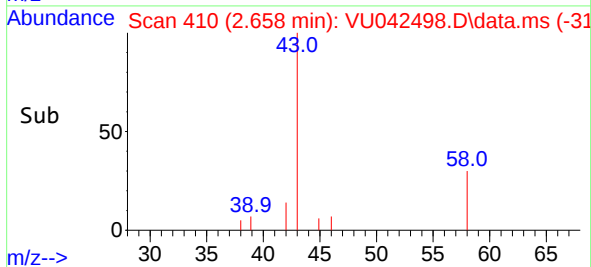
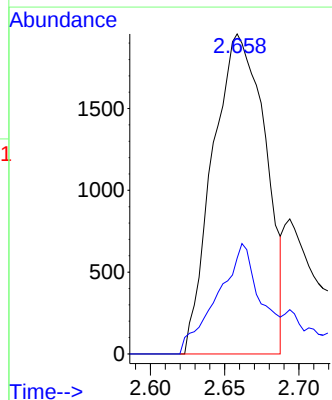
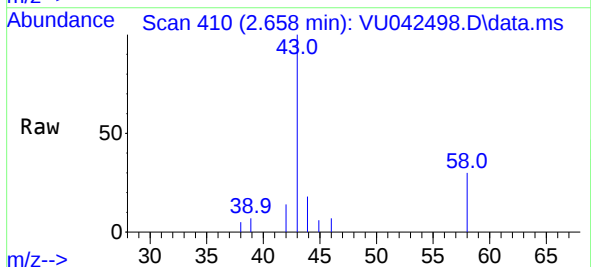
Instrument :
MSVOA_U
ClientSampled :

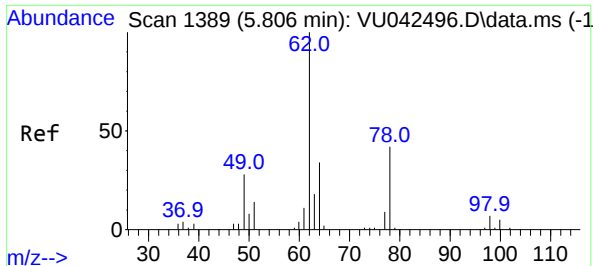
Tgt Ion:101 Resp: 355
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#13
Acetone
Concen: 2.98 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.009 min
Lab File: VU042498.D
Acq: 05 Mar 2021 11:25

Tgt Ion: 43 Resp: 4832
Ion Ratio Lower Upper
43 100
58 28.6 0.0 55.8

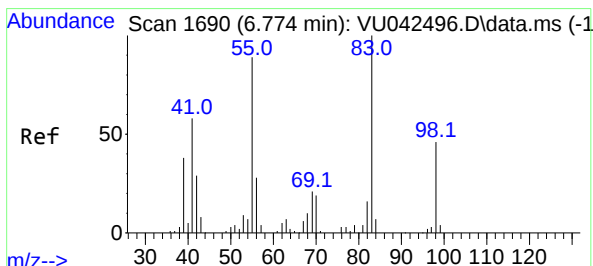
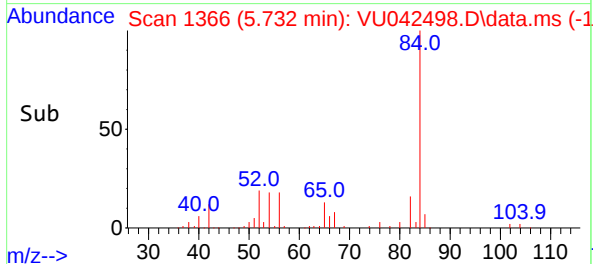
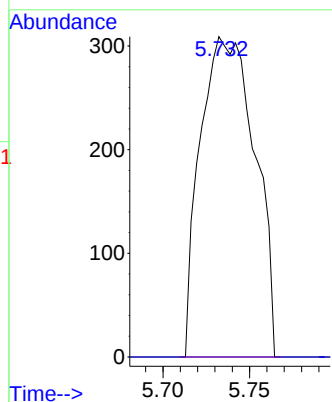
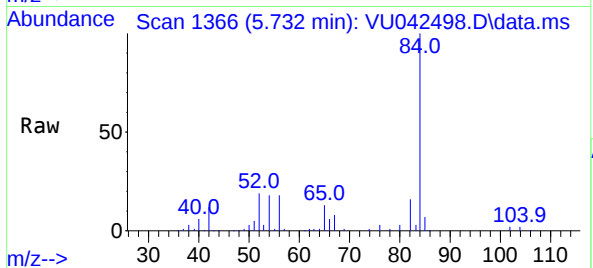




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU042498.D
Acq: 05 Mar 2021 11:25

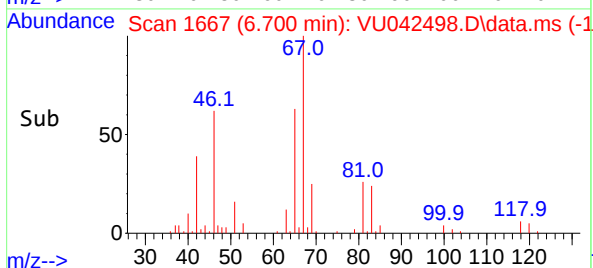
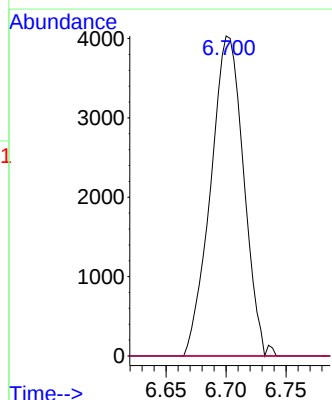
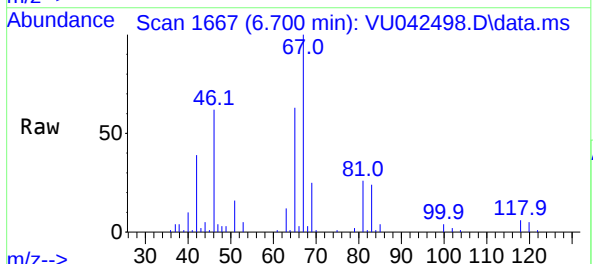
Instrument :
MSVOA_U
ClientSampled :

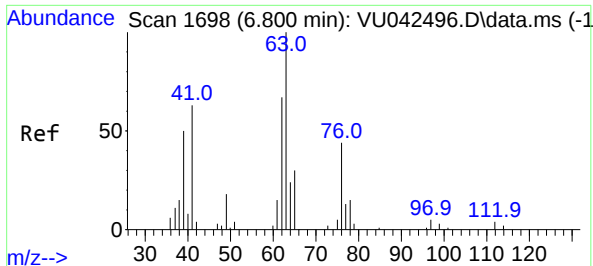
Tgt Ion: 62 Resp: 675
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#35
Methylcyclohexane
Concen: 0.63 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042498.D
Acq: 05 Mar 2021 11:25

Tgt Ion: 83 Resp: 7716
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#

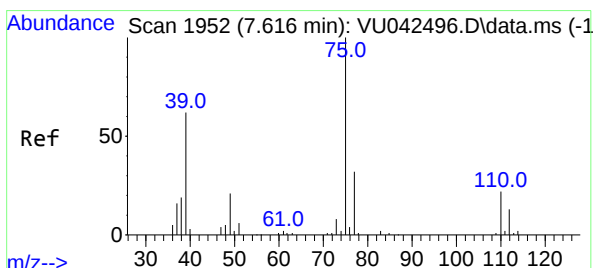
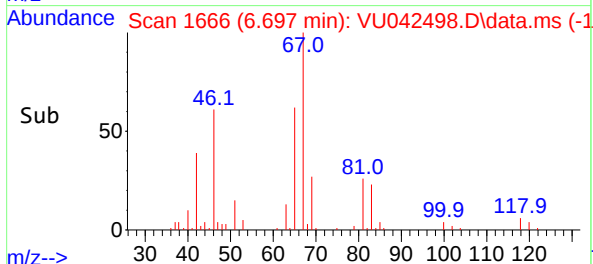
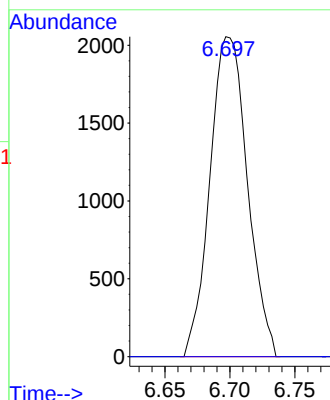
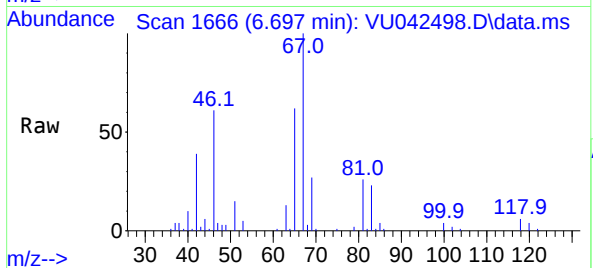




#37
1,2-Dichloropropane
Concen: 0.52 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042498.D
Acq: 05 Mar 2021 11:25

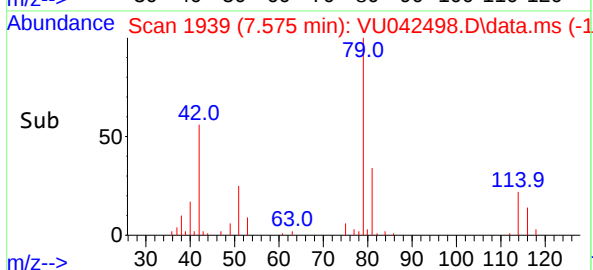
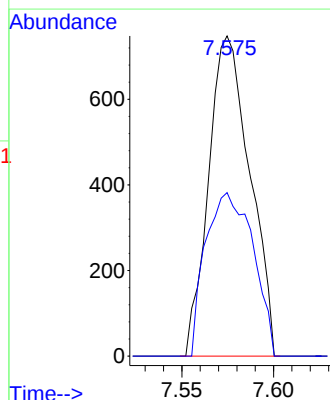
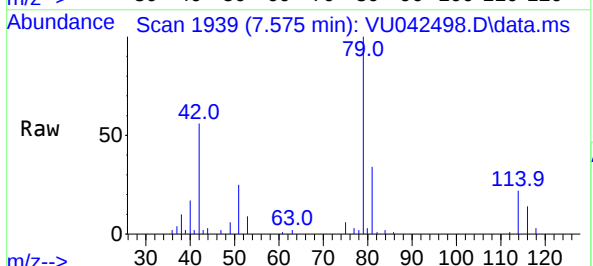
Instrument :
MSVOA_U
ClientSampled :

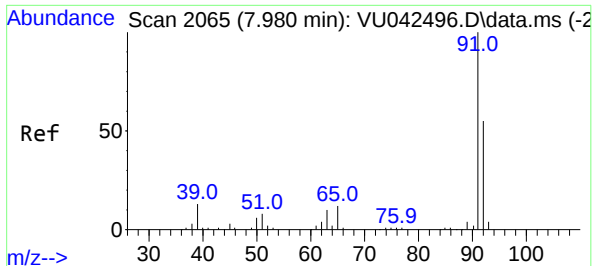
Tgt Ion: 63 Resp: 4126
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042498.D
Acq: 05 Mar 2021 11:25

Tgt Ion: 75 Resp: 1170
Ion Ratio Lower Upper
75 100
77 51.1 22.0 40.8#





#42

Toluene

Concen: 0.04 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU042498.D

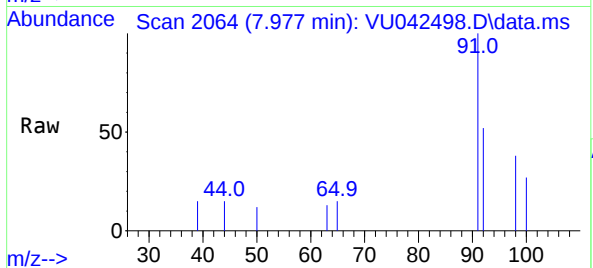
Acq: 05 Mar 2021 11:25

Tgt Ion: 91 Resp: 1257

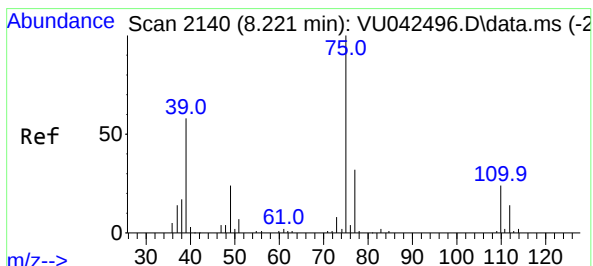
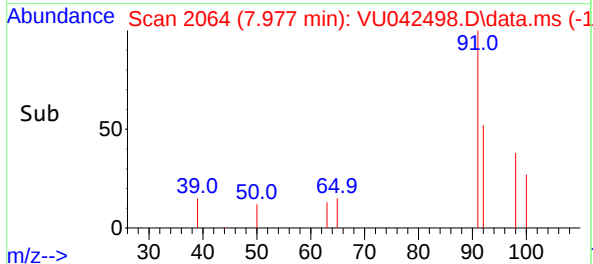
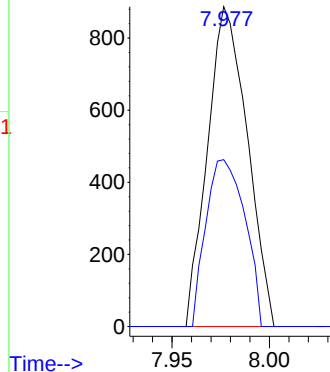
Ion Ratio Lower Upper

91 100

92 52.2 41.2 76.6



Abundance



#44

trans-1,3-Dichloropropene

Concen: 0.08 ug/L

RT: 8.186 min Scan# 2129

Delta R.T. -0.036 min

Lab File: VU042498.D

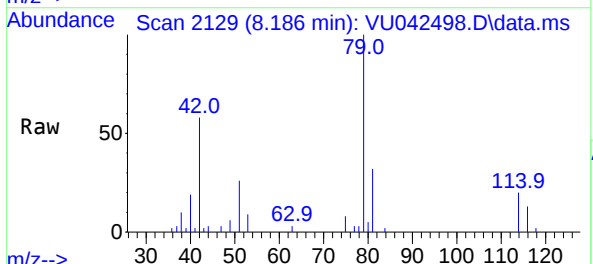
Acq: 05 Mar 2021 11:25

Tgt Ion: 75 Resp: 815

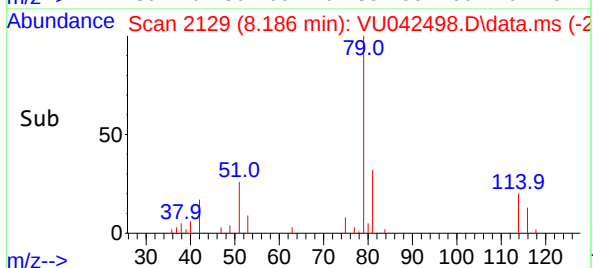
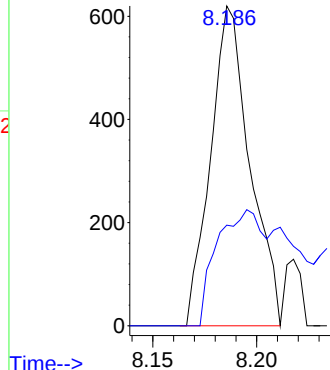
Ion Ratio Lower Upper

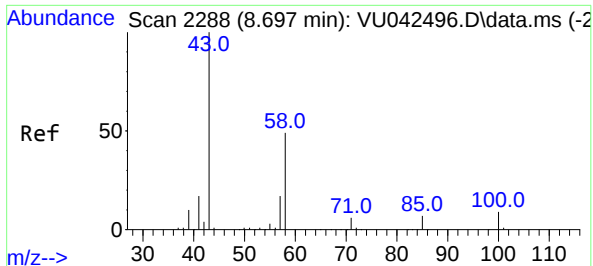
75 100

77 31.5 21.8 40.4



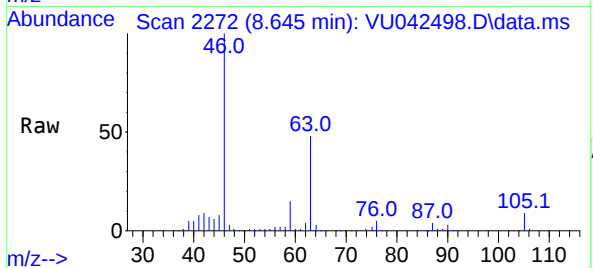
Abundance



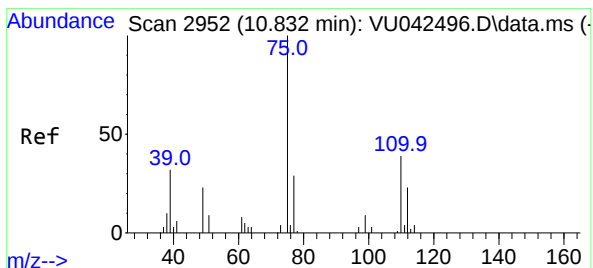
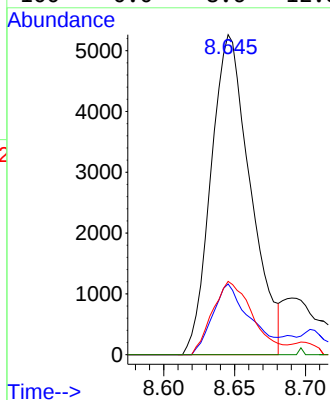
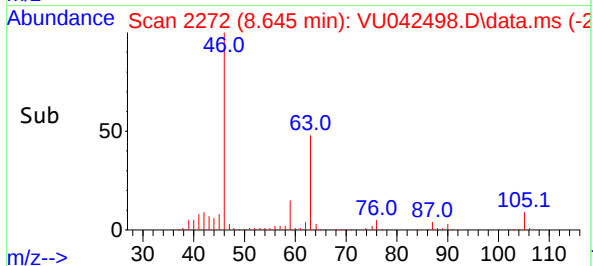


#48
2-Hexanone
Concen: 2.01 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042498.D
Acq: 05 Mar 2021 11:25

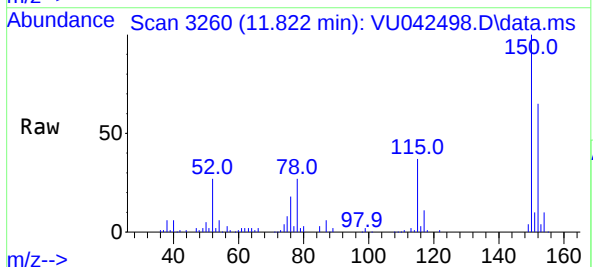
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	10185
Ion	Ratio	Lower	Upper
43	100		
58	21.3	40.6	61.0#
57	23.7	14.9	22.3#
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 0.96 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042498.D
Acq: 05 Mar 2021 11:25



Tgt Ion:	75	Resp:	5663
Ion	Ratio	Lower	Upper
75	100		
77	37.6	26.0	39.0

