

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020421\
 Data File : VU042262.D
 Acq On : 04 Feb 2021 11:34
 Operator : SY/MD
 Sample : M1259-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 02:24:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 05 02:23:43 2021
 Response via : Initial Calibration

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

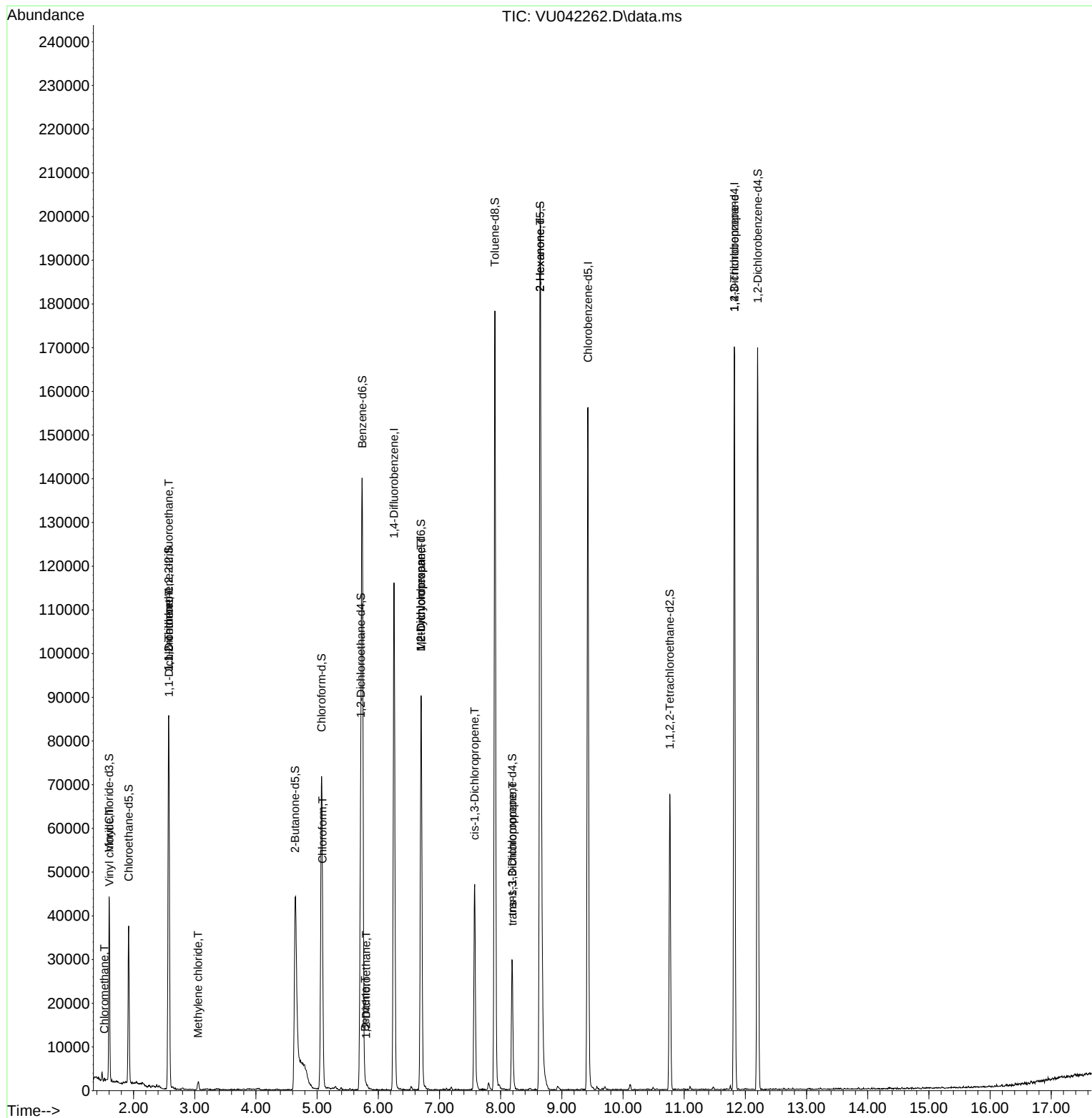
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	91071	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	84349	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	43789	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28815	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.919	69	24666	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.575	63	53603	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	4.642	46	89234	41.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.26%
24) Chloroform-d	5.073	84	63862	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.713	65	40793	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.739	84	120464	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	6.700	67	40141	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.00%
41) Toluene-d8	7.906	98	111899	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
43) trans-1,3-Dichloroprop...	8.189	79	16328	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.645	63	84876	54.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.26%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	31850	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	43358	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	517	0.07	ug/L	99
5) Vinyl chloride	1.607	62	291	0.04	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	592	0.09	ug/L #	18
12) 1,1-Dichloroethene	2.578	96	458	0.07	ug/L #	1
16) Methylene chloride	3.054	84	864	0.12	ug/L	78
25) Chloroform	5.089	83	1169	0.09	ug/L	78
27) 1,2-Dichloroethane	5.800	62	269	0.03	ug/L #	75
33) Benzene	5.784	78	712	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	8882	0.79	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	4404	0.67	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1345	0.13	ug/L #	64
44) trans-1,3-Dichloropropene	8.192	75	820	0.08	ug/L #	61
48) 2-Hexanone	8.645	43	13794	3.55	ug/L #	65
59) 1,2,3-Trichloropropane	11.822	75	5264	1.14	ug/L	95

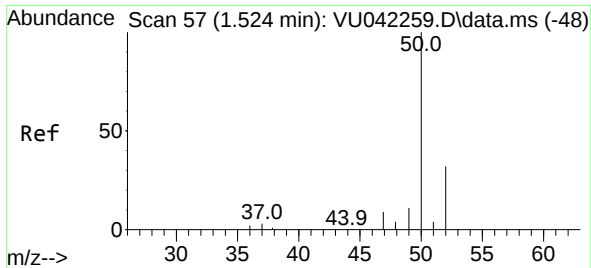
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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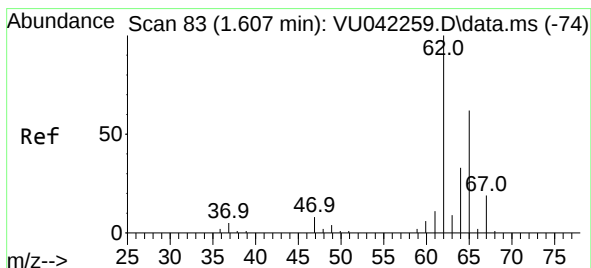
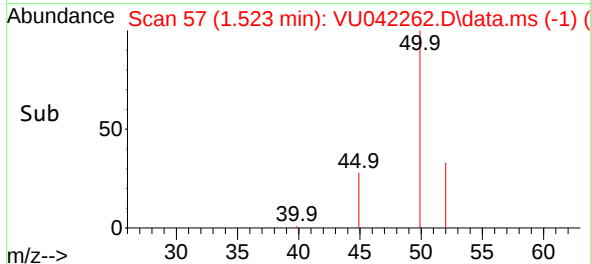
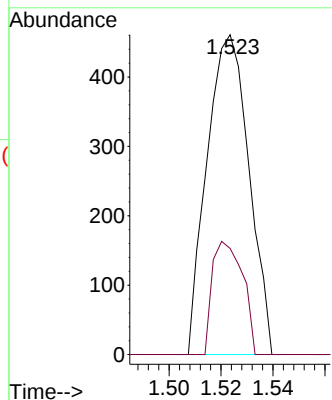
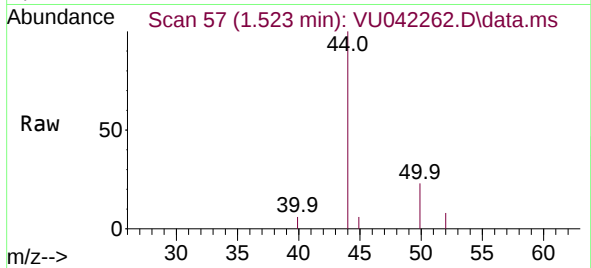




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042262.D
Acq: 04 Feb 2021 11:34

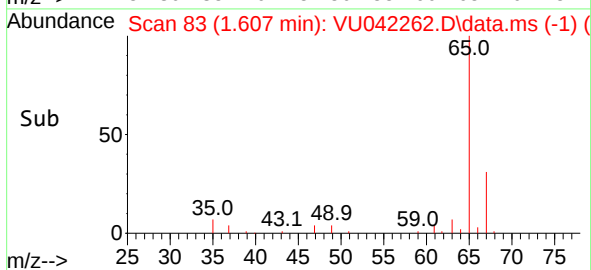
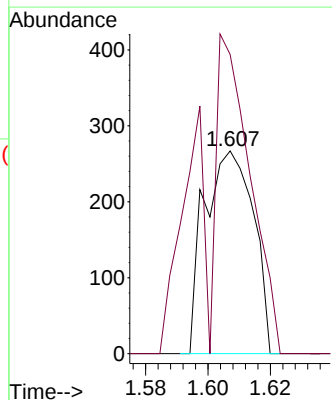
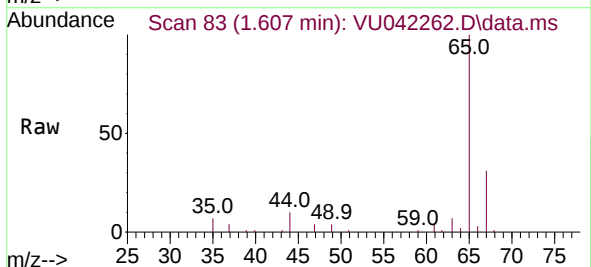
Instrument :
MSVOA_U
ClientSampled :

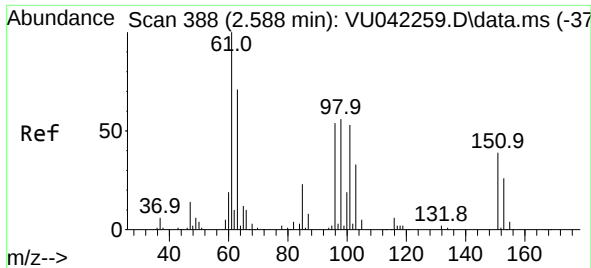
Tgt Ion: 50 Resp: 517
Ion Ratio Lower Upper
50 100
52 33.2 23.0 42.8



#5
Vinyl chloride
Concen: 0.04 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU042262.D
Acq: 04 Feb 2021 11:34

Tgt Ion: 62 Resp: 291
Ion Ratio Lower Upper
62 100
64 147.6 22.7 42.1#

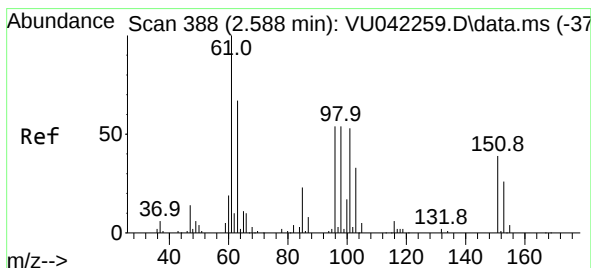
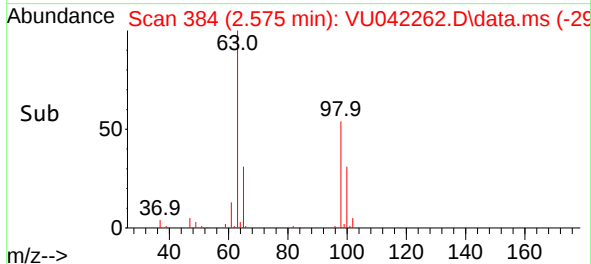
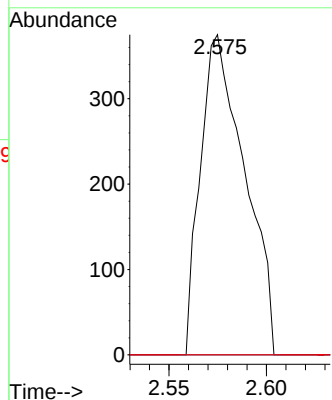
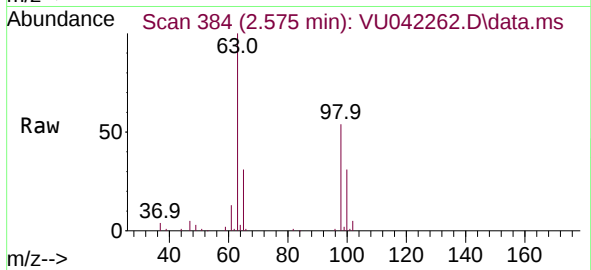




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.09 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042262.D
Acq: 04 Feb 2021 11:34

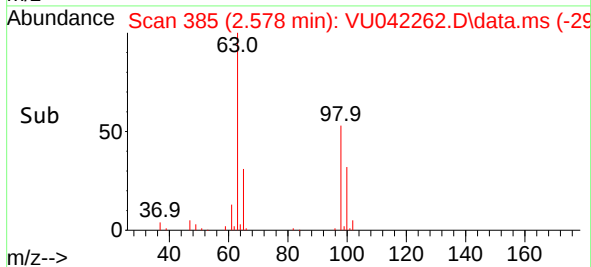
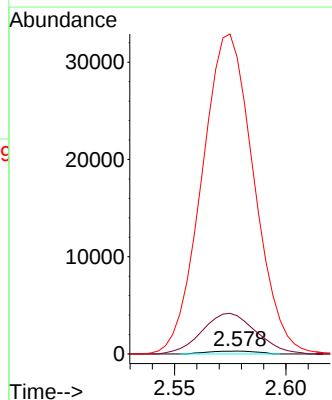
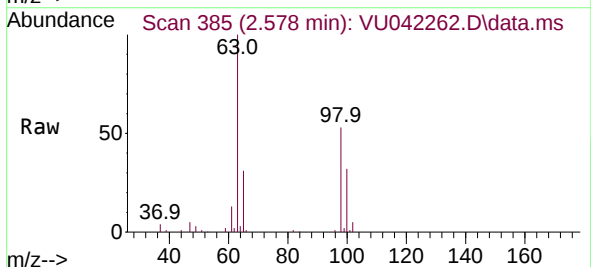
Instrument :
MSVOA_U
ClientSampled :

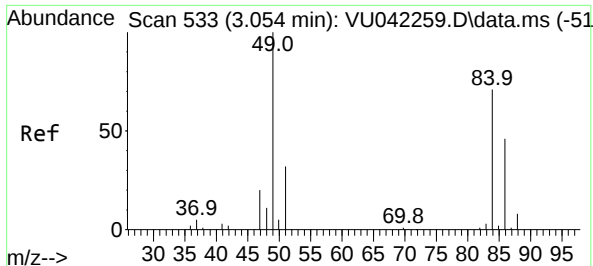
Tgt Ion:101 Resp: 592
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#12
1,1-Dichloroethene
Concen: 0.07 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042262.D
Acq: 04 Feb 2021 11:34

Tgt Ion: 96 Resp: 458
Ion Ratio Lower Upper
96 100
61 1361.2 126.2 234.4#
63 10555.0 77.8 144.4#

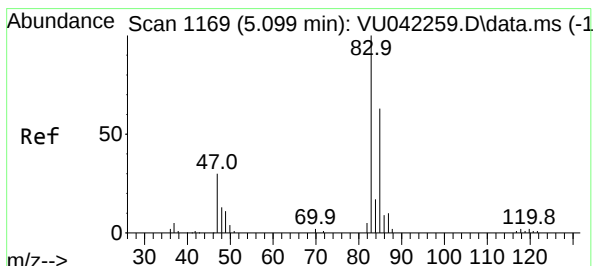
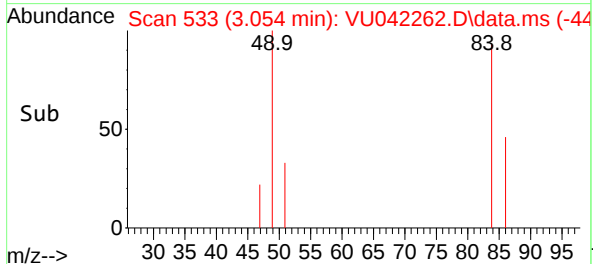
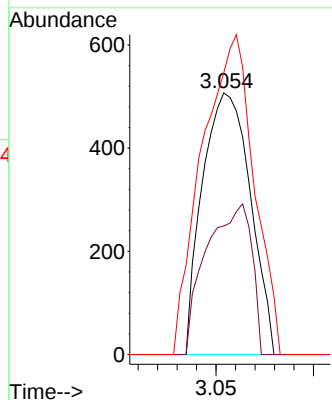
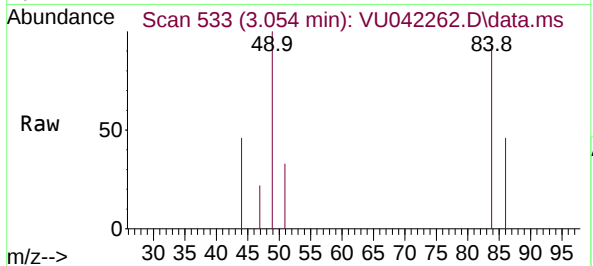




#16
Methylene chloride
Concen: 0.12 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042262.D
Acq: 04 Feb 2021 11:34

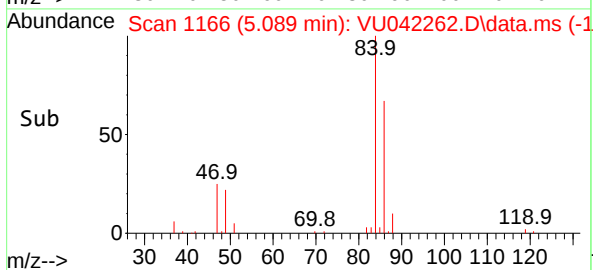
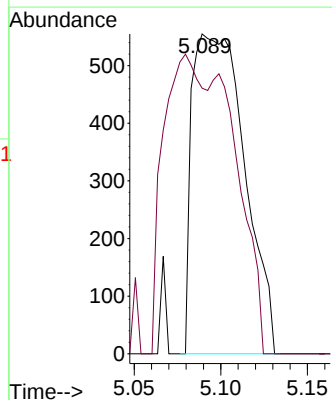
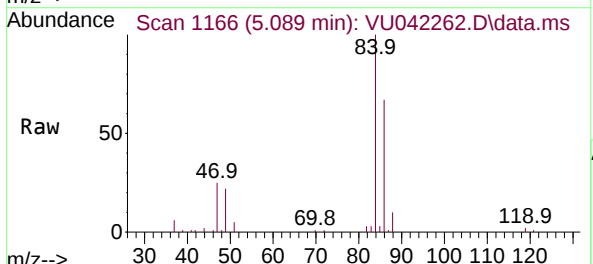
Instrument :
MSVOA_U
ClientSampled :

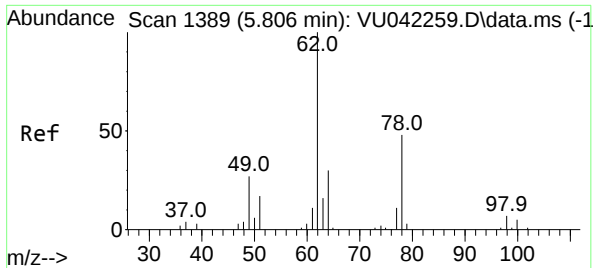
Tgt Ion:	84	Resp:	864
Ion	Ratio	Lower	Upper
84	100		
86	49.1	44.1	81.9
49	107.7	95.0	176.4



#25
Chloroform
Concen: 0.09 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.010 min
Lab File: VU042262.D
Acq: 04 Feb 2021 11:34

Tgt Ion:	83	Resp:	1169
Ion	Ratio	Lower	Upper
83	100		
85	83.1	45.7	84.9

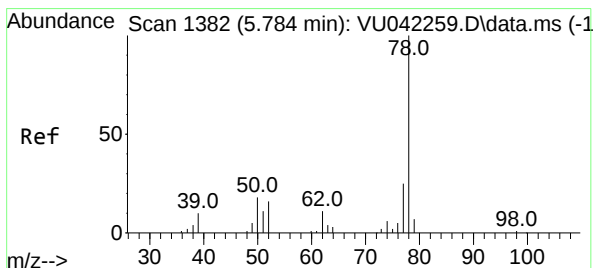
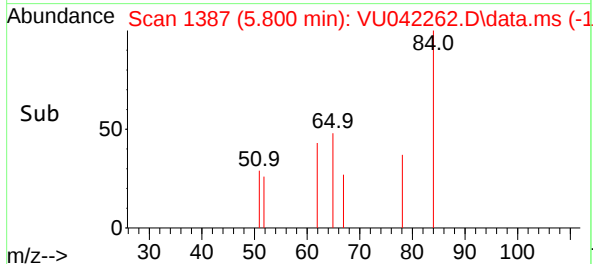
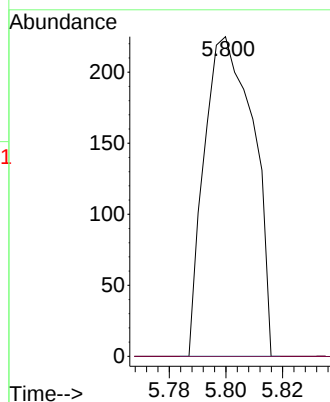
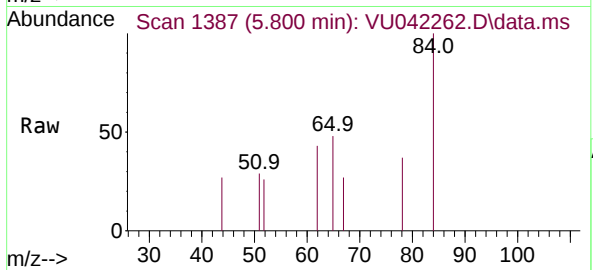




#27
1,2-Dichloroethane
Concen: 0.03 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.007 min
Lab File: VU042262.D
Acq: 04 Feb 2021 11:34

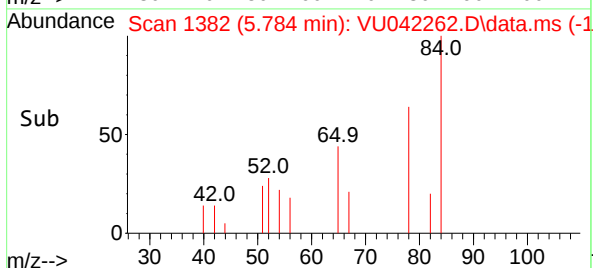
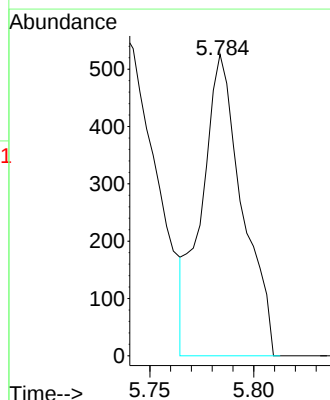
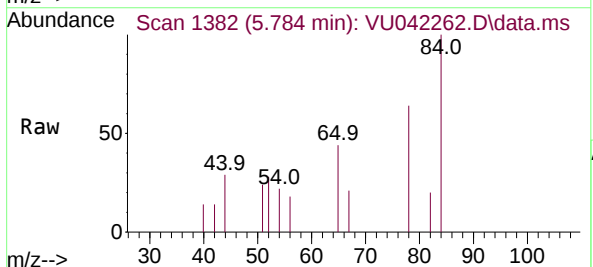
Instrument :
MSVOA_U
ClientSampled :

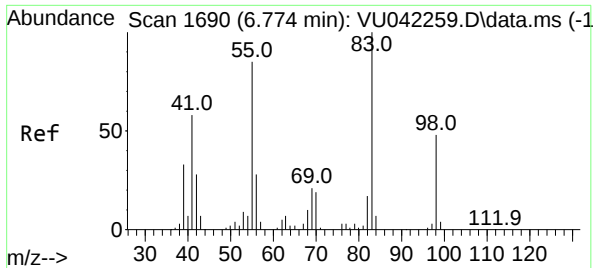
Tgt Ion: 62 Resp: 269
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042262.D
Acq: 04 Feb 2021 11:34

Tgt Ion: 78 Resp: 712

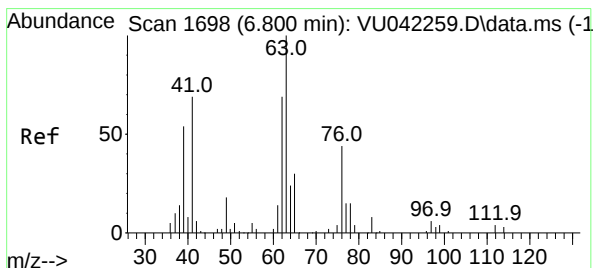
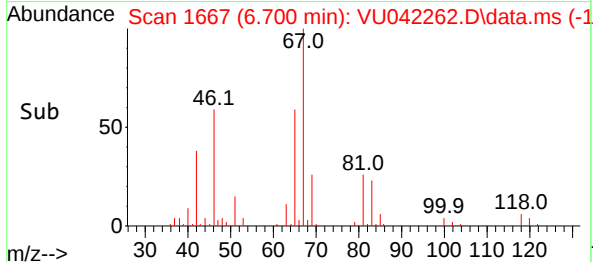
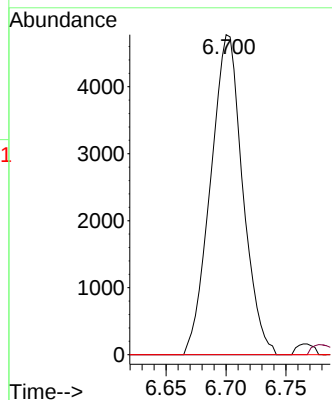
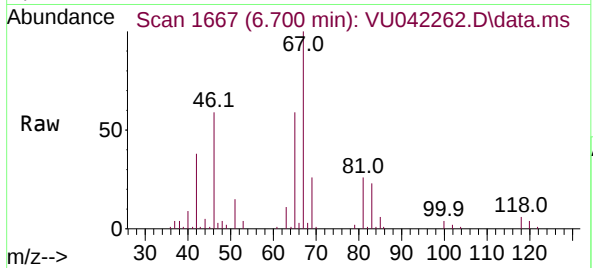




#35
Methylcyclohexane
Concen: 0.79 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042262.D
Acq: 04 Feb 2021 11:34

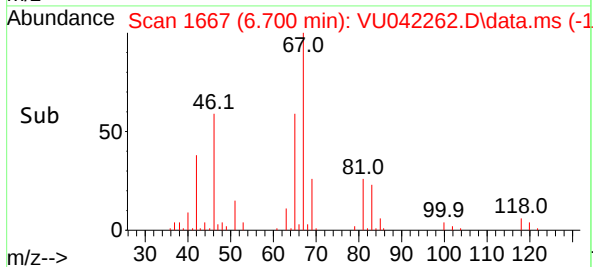
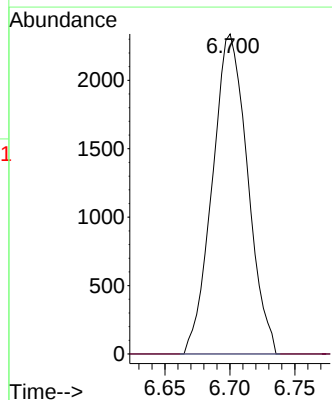
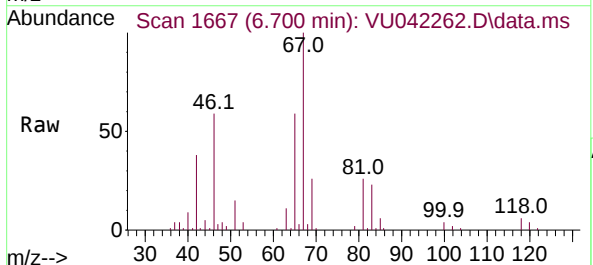
Instrument :
MSVOA_U
ClientSampled :

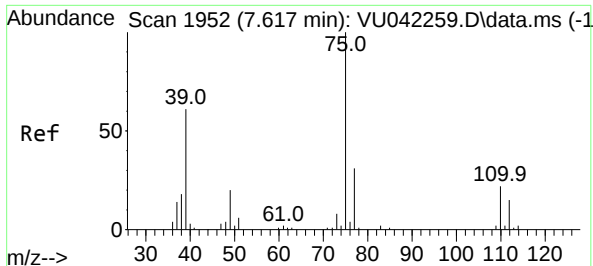
Tgt Ion: 83 Resp: 8882
Ion Ratio Lower Upper
83 100
55 1.7 68.2 102.4#
98 0.8 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042262.D
Acq: 04 Feb 2021 11:34

Tgt Ion: 63 Resp: 4404
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



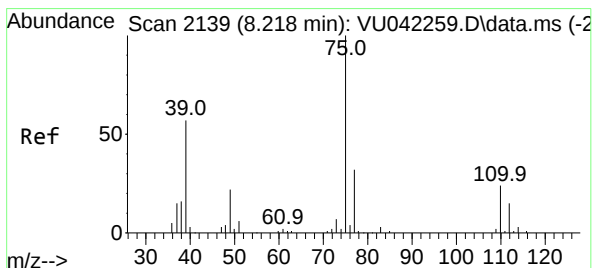
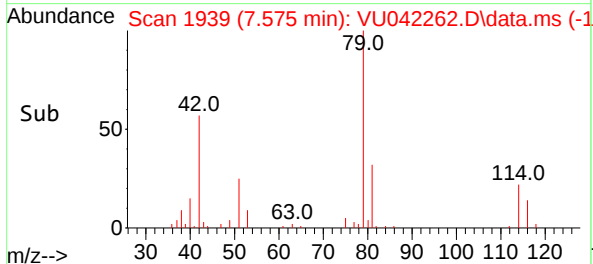
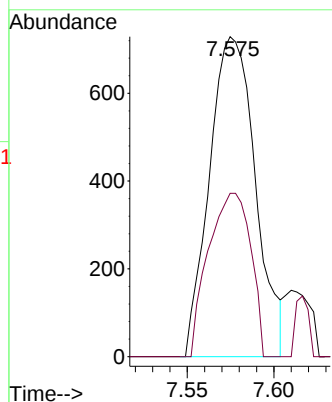
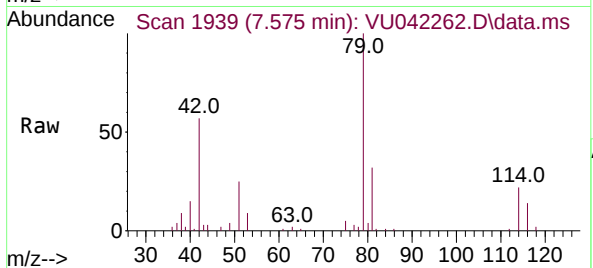


#39

cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042262.D
Acq: 04 Feb 2021 11:34

Instrument :
MSVOA_U
ClientSampled :

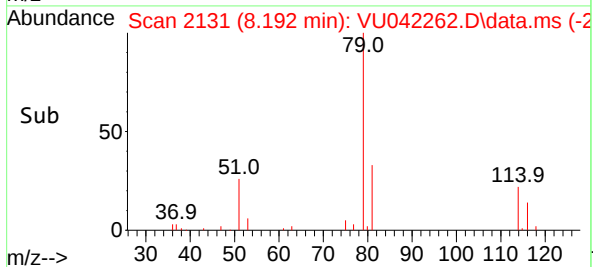
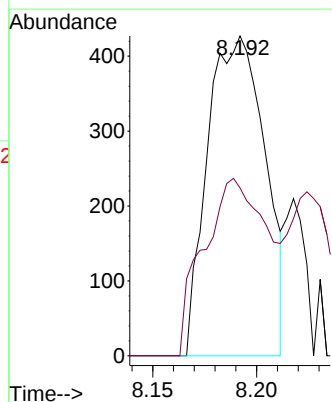
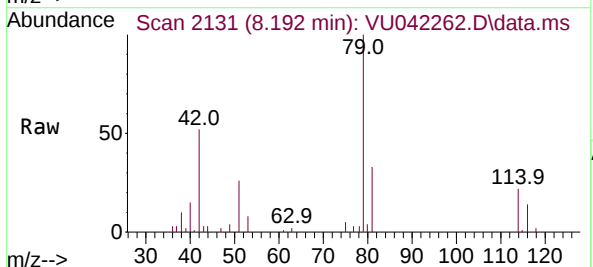
Tgt Ion: 75 Resp: 1345
Ion Ratio Lower Upper
75 100
77 51.0 22.0 40.8#

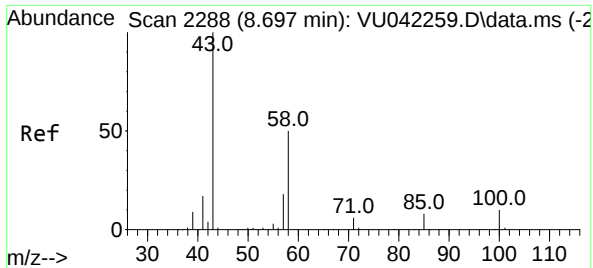


#44

trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042262.D
Acq: 04 Feb 2021 11:34

Tgt Ion: 75 Resp: 820
Ion Ratio Lower Upper
75 100
77 52.5 21.8 40.4#

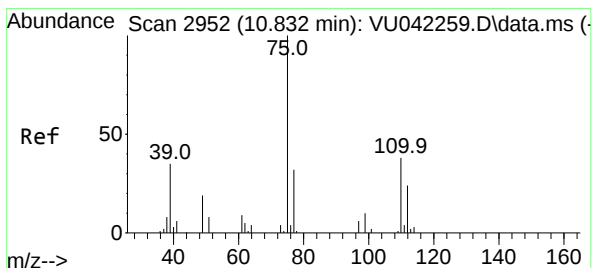
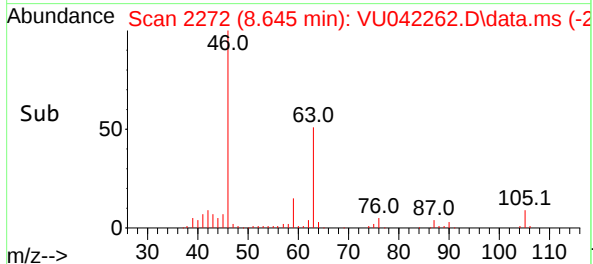
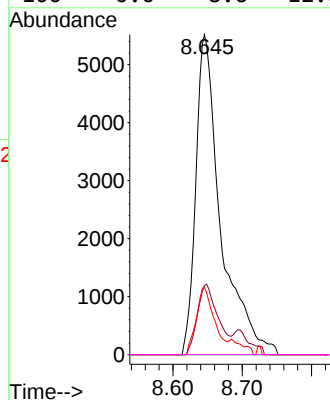
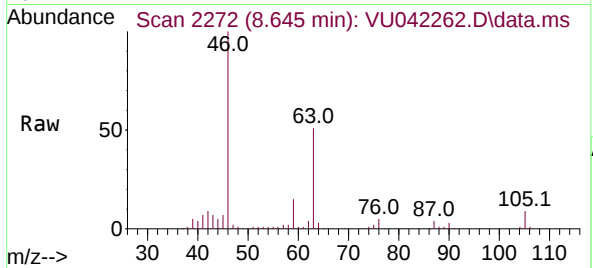




#48
2-Hexanone
Concen: 3.55 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042262.D
Acq: 04 Feb 2021 11:34

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	43	Resp:	13794
Ion	Ratio	Lower	Upper
43	100		
58	18.4	40.6	61.0#
57	15.3	14.9	22.3
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 1.14 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042262.D
Acq: 04 Feb 2021 11:34

Tgt Ion:	75	Resp:	5264
Ion	Ratio	Lower	Upper
75	100		
77	35.5	26.0	39.0

