

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU041990.D
 Acq On : 13 Jan 2021 19:05
 Operator : SY/MD
 Sample : M1027-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 01:37:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 14 17:00:00 2021
 Response via : Initial Calibration

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

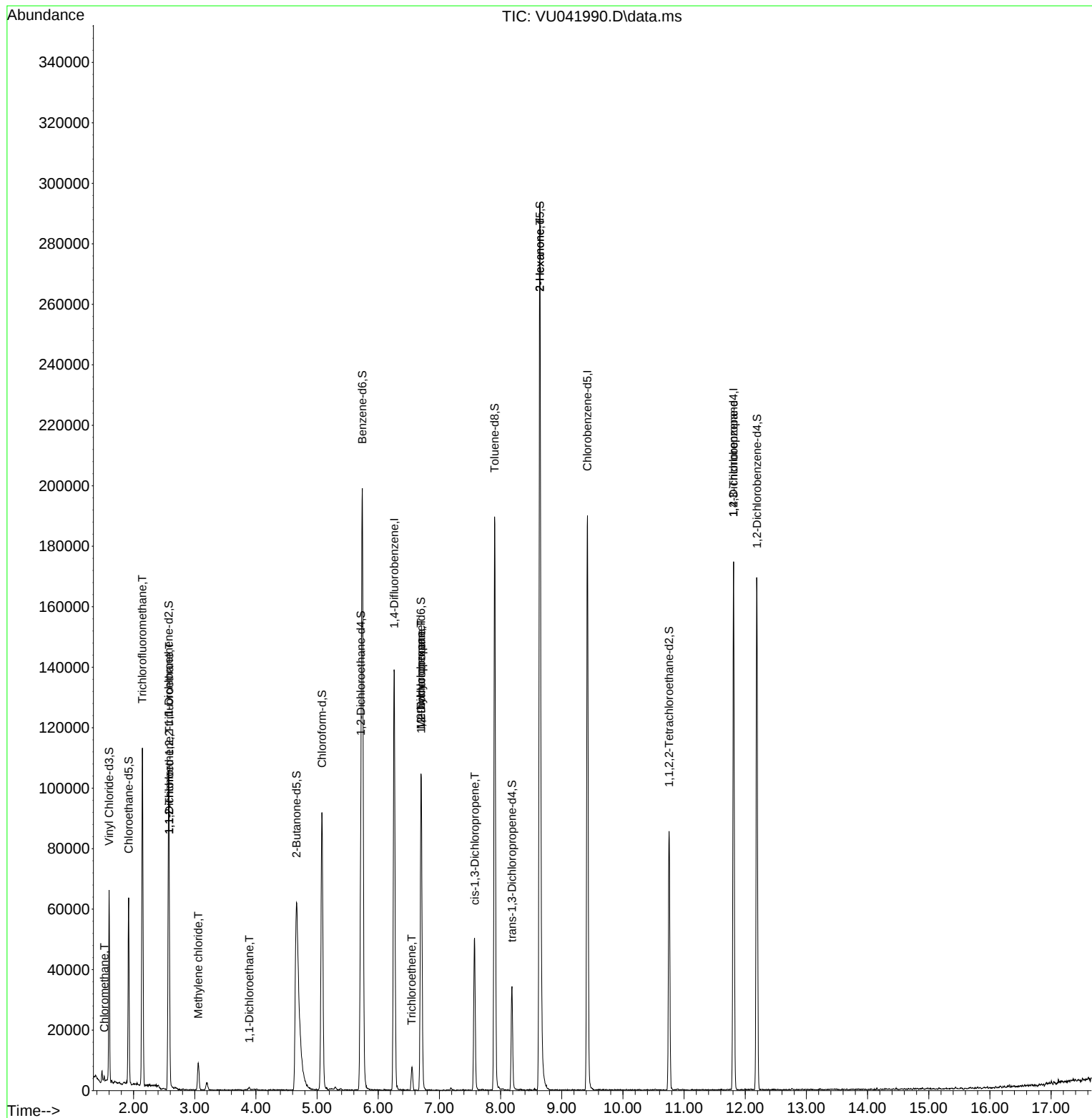
Internal Standards						
1) 1,4-Difluorobenzene	6.263	114	108981	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	105900	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	44437	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41001	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.919	69	42267	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.575	63	63158	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	4.665	46	158582	57.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.92%
24) Chloroform-d	5.080	84	87264	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.716	65	53894	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.40%
32) Benzene-d6	5.739	84	181412	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.700	67	50892	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.903	98	125967	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloroprop...	8.186	79	20279	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.642	63	111784	48.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.64%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	43733	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.192	152	43715	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	871	0.07	ug/L #	78
9) Trichlorofluoromethane	2.144	101	71955	4.42	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	1618	0.19	ug/L #	71
12) 1,1-Dichloroethene	2.584	96	459	0.05	ug/L #	1
16) Methylene chloride	3.057	84	4615	0.46	ug/L	95
19) 1,1-Dichloroethane	3.890	63	1045	0.06	ug/L #	87
34) Trichloroethene	6.546	95	2501	0.26	ug/L	96
35) Methylcyclohexane	6.700	83	11955	0.77	ug/L #	17
37) 1,2-Dichloropropane	6.703	63	5682	0.56	ug/L #	90
39) cis-1,3-Dichloropropene	7.578	75	1164	0.08	ug/L #	56
48) 2-Hexanone	8.642	43	12834	2.70	ug/L #	67
59) 1,2,3-Trichloropropane	11.809	75	5534	0.83	ug/L	99

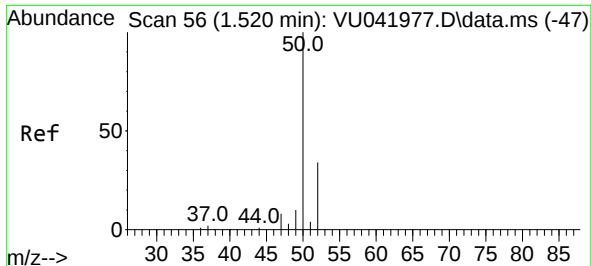
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

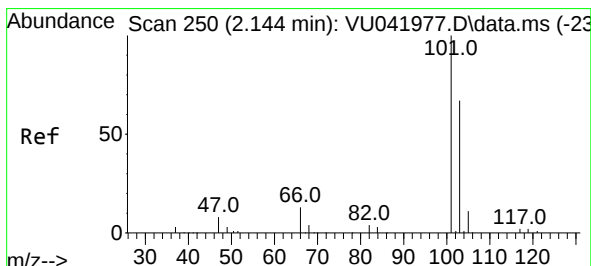
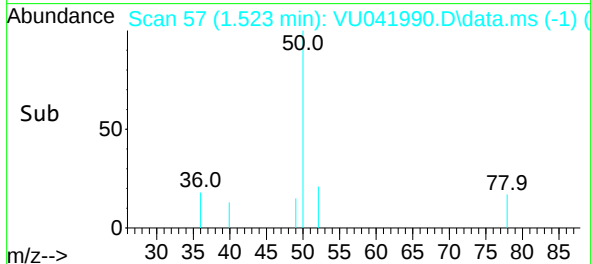
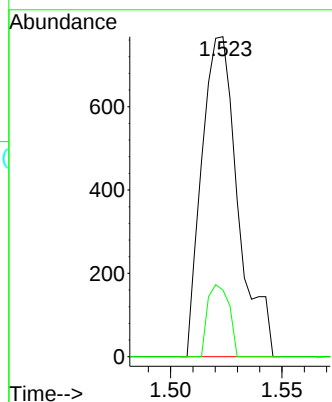
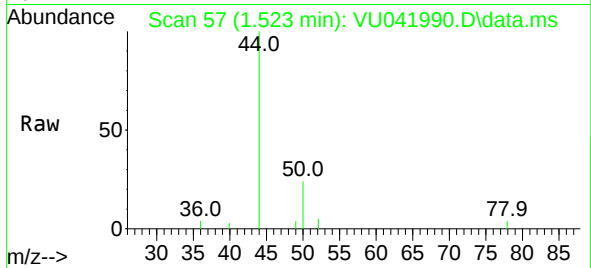




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU041990.D
Acq: 13 Jan 2021 19:05

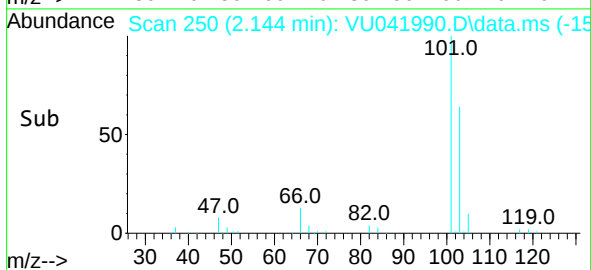
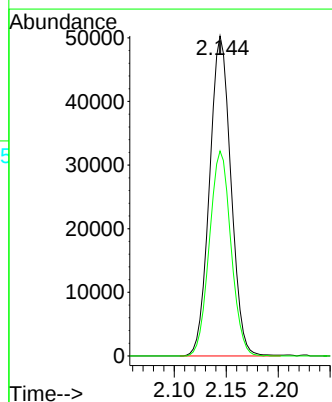
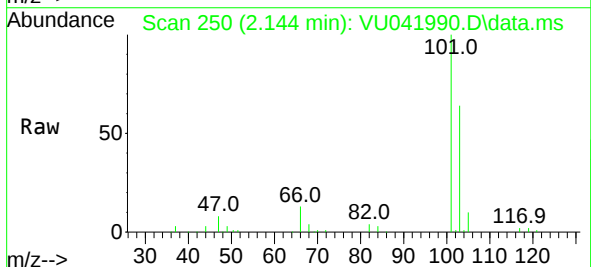
Instrument :
MSVOA_U
ClientSampled :

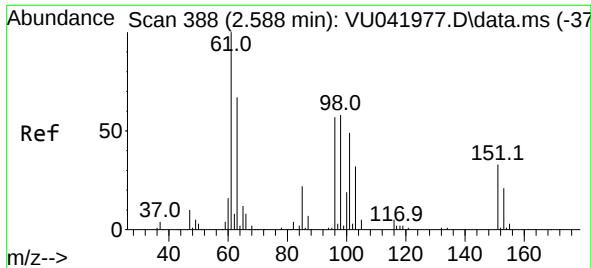
Tgt Ion: 50 Resp: 871
Ion Ratio Lower Upper
50 100
52 20.8 23.5 43.7#



#9
Trichlorofluoromethane
Concen: 4.42 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU041990.D
Acq: 13 Jan 2021 19:05

Tgt Ion: 101 Resp: 71955
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

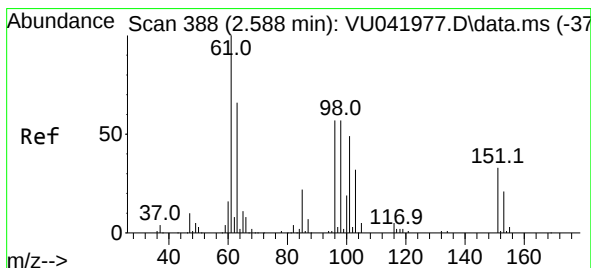
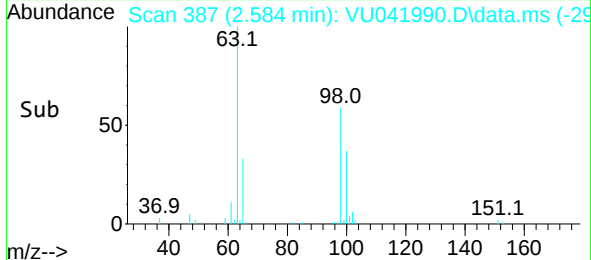
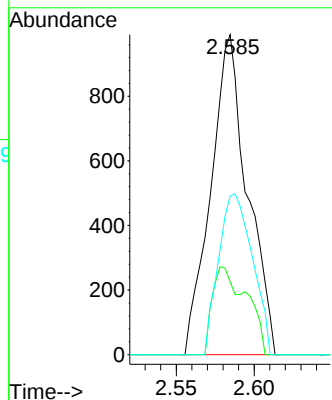
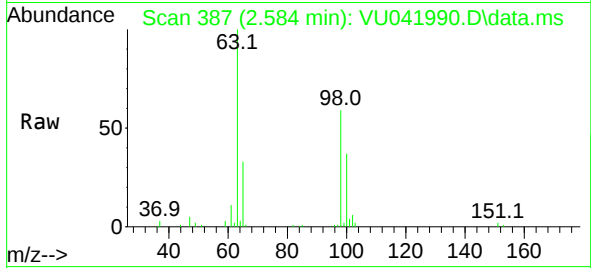




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.19 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU041990.D
 Acq: 13 Jan 2021 19:05

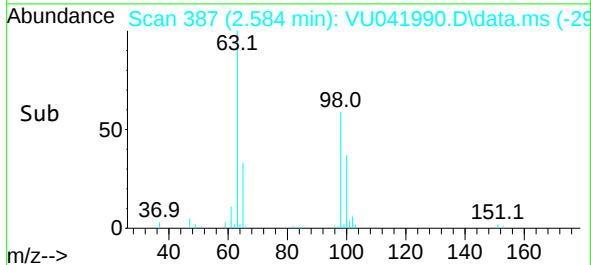
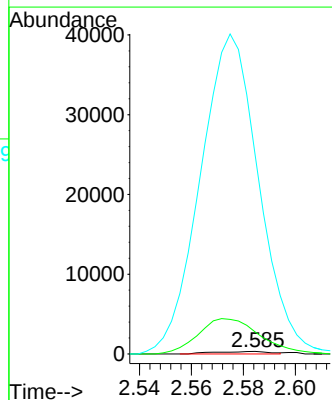
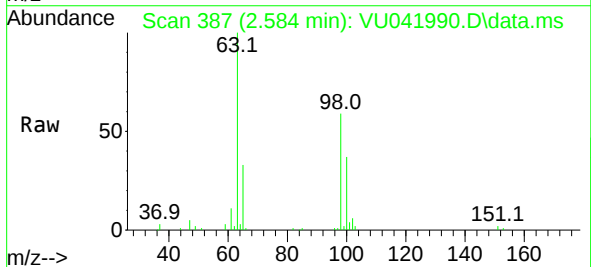
Instrument :
 MSVOA_U
 ClientSampleId :

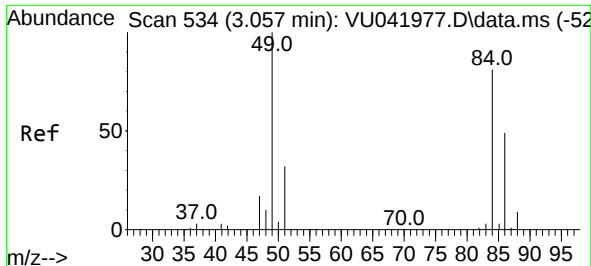
Tgt Ion:101 Resp: 1618
 Ion Ratio Lower Upper
 101 100
 85 25.4 35.9 53.9#
 151 46.4 55.4 83.2#



#12
 1,1-Dichloroethene
 Concen: 0.05 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU041990.D
 Acq: 13 Jan 2021 19:05

Tgt Ion: 96 Resp: 459
 Ion Ratio Lower Upper
 96 100
 61 871.0 122.2 226.9#
 63 7883.9 82.8 153.8#

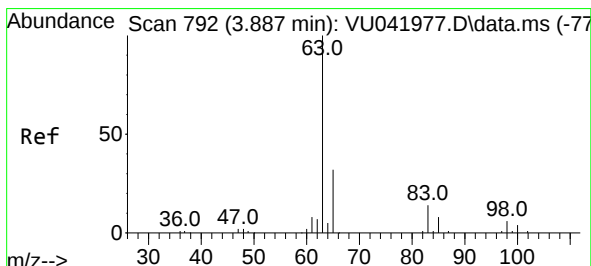
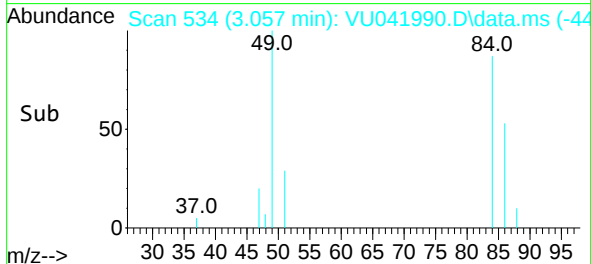
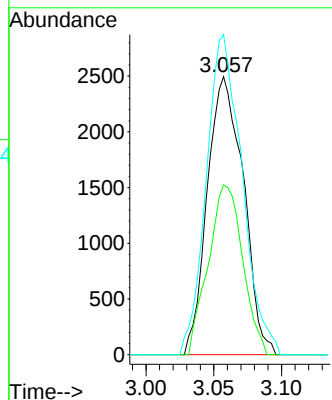
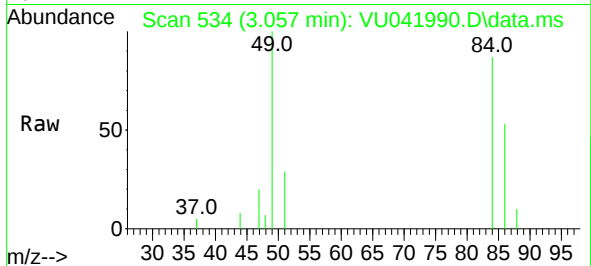




#16
Methylene chloride
Concen: 0.46 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU041990.D
Acq: 13 Jan 2021 19:05

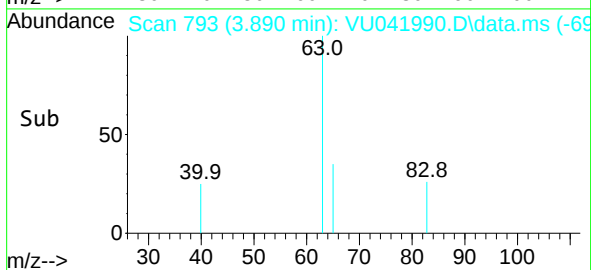
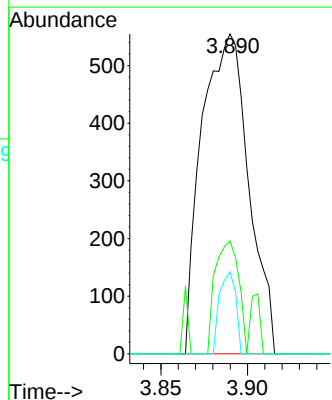
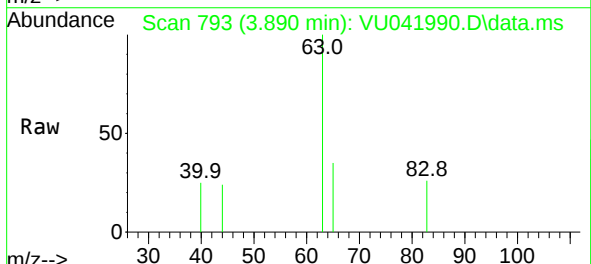
Instrument :
MSVOA_U
ClientSampled :

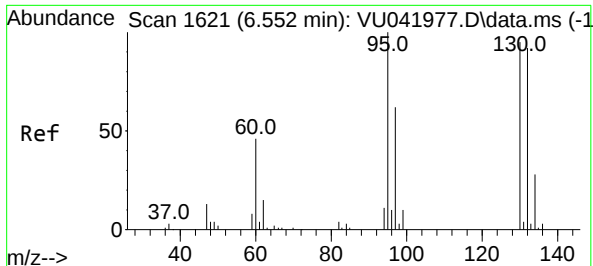
Tgt Ion:	84	Resp:	4615
Ion	Ratio	Lower	Upper
84	100		
86	61.0	42.6	79.0
49	115.1	86.2	160.0



#19
1,1-Dichloroethane
Concen: 0.06 ug/L
RT: 3.890 min Scan# 793
Delta R.T. 0.003 min
Lab File: VU041990.D
Acq: 13 Jan 2021 19:05

Tgt Ion:	63	Resp:	1045
Ion	Ratio	Lower	Upper
63	100		
65	35.3	22.7	42.1
83	25.6	9.4	17.6



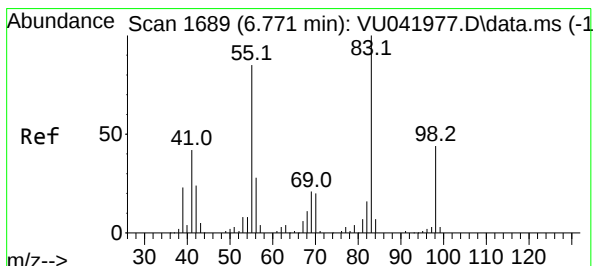
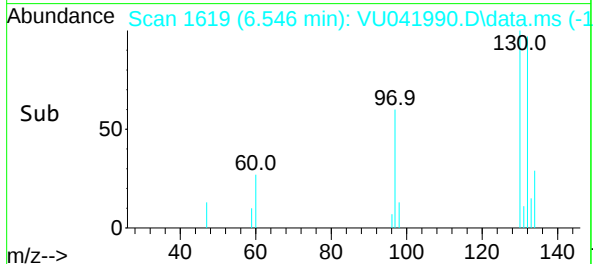
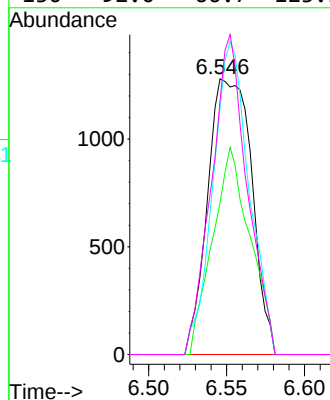
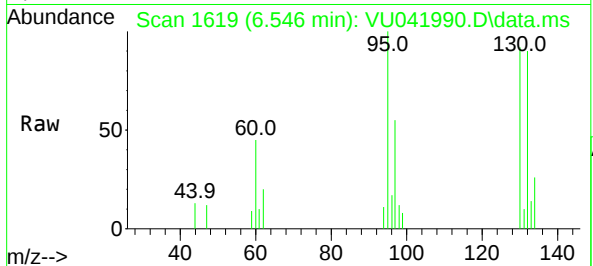


#34
Trichloroethene
Concen: 0.26 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VU041990.D
Acq: 13 Jan 2021 19:05

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 2501

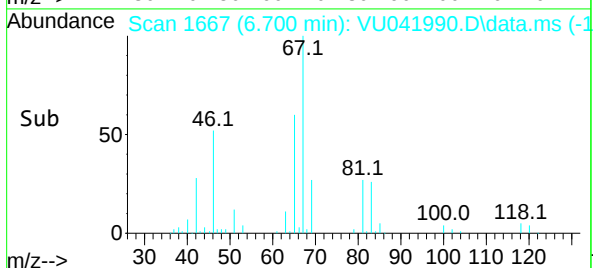
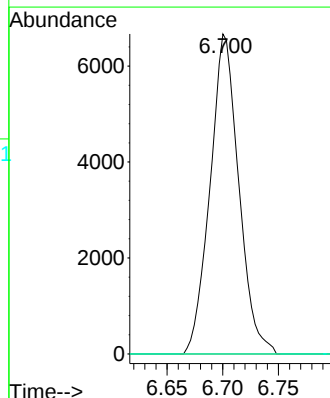
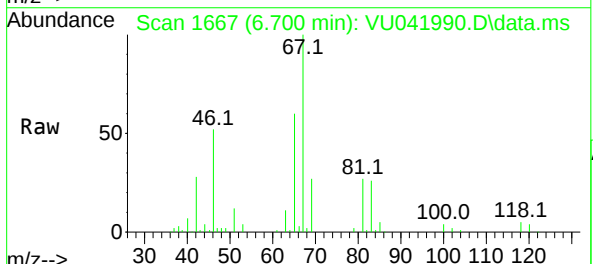
Ion	Ratio	Lower	Upper
95	100		
97	55.0	43.6	81.0
132	89.7	64.3	119.3
130	92.0	66.7	123.9

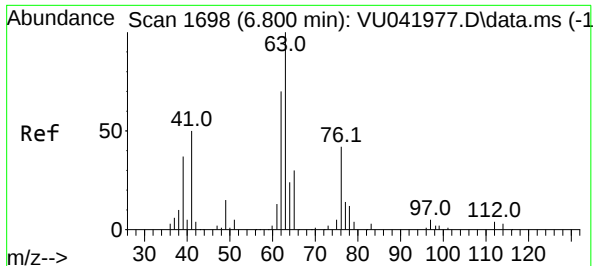


#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU041990.D
Acq: 13 Jan 2021 19:05

Tgt Ion: 83 Resp: 11955

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.8	100.2#
98	1.6	35.7	53.5#



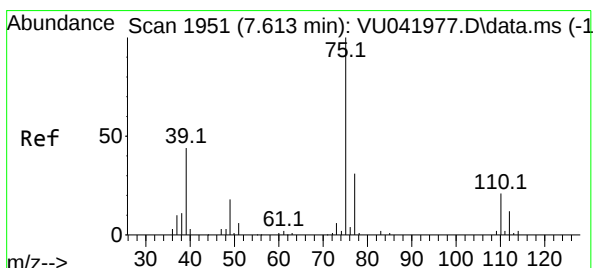
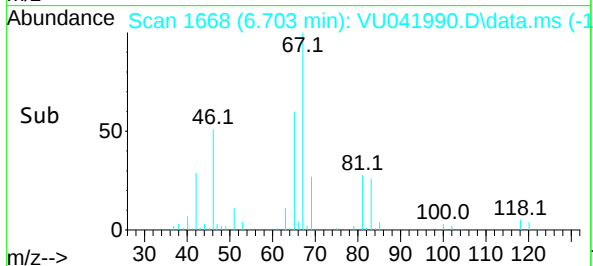
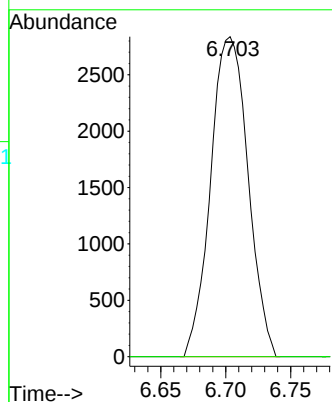
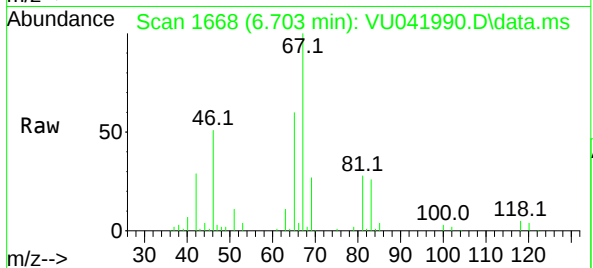


#37

1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU041990.D
Acq: 13 Jan 2021 19:05

Instrument :
MSVOA_U
ClientSampled :

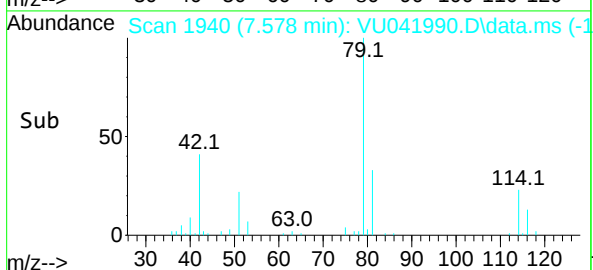
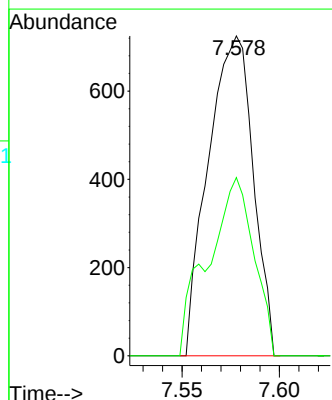
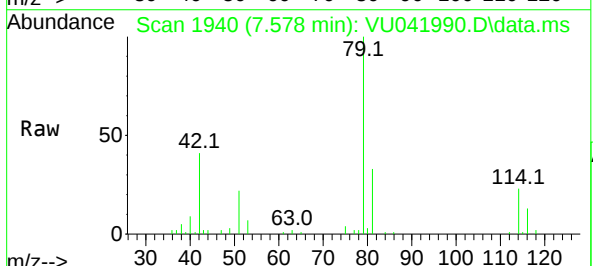
Tgt Ion: 63 Resp: 5682
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

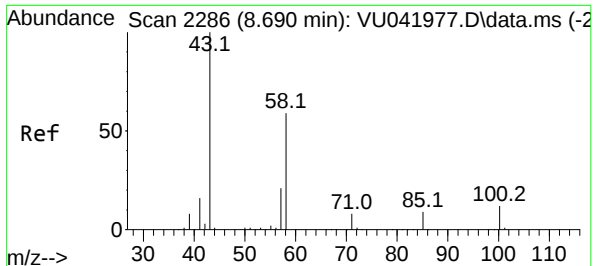


#39

cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.035 min
Lab File: VU041990.D
Acq: 13 Jan 2021 19:05

Tgt Ion: 75 Resp: 1164
Ion Ratio Lower Upper
75 100
77 55.7 21.9 40.7#

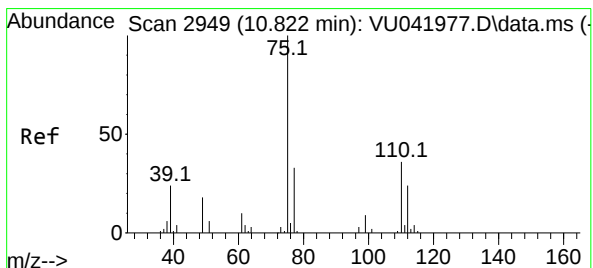
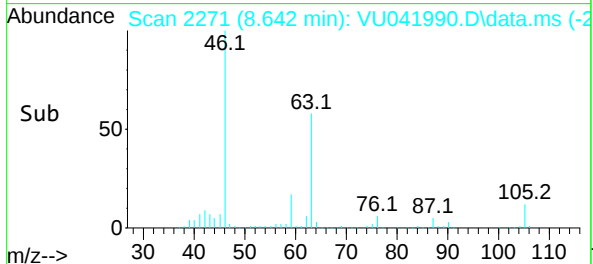
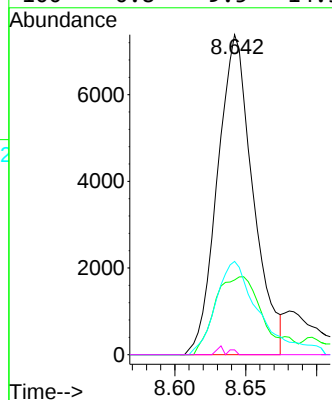
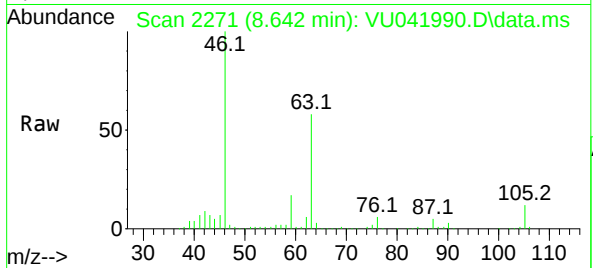




#48
2-Hexanone
Concen: 2.70 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU041990.D
Acq: 13 Jan 2021 19:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 12834
Ion Ratio	Lower Upper
43	100
58	33.4 47.8 71.8#
57	35.6 17.4 26.0#
100	0.8 9.5 14.3#



#59
1,2,3-Trichloropropane
Concen: 0.83 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU041990.D
Acq: 13 Jan 2021 19:05

Tgt Ion: 75	Resp: 5534
Ion Ratio	Lower Upper
75	100
77	31.6 25.6 38.4

