

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU041984.D
 Acq On : 13 Jan 2021 16:40
 Operator : SY/MD
 Sample : M1049-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ5DL

Quant Time: Jan 14 17:01:37 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	6.259	114	123948	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	132230	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	50335	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	49307	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.919	69	47683	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.575	63	74436	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	4.661	46	168506	53.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.36%
24) Chloroform-d	5.079	84	94188	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.716	65	57123	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.738	84	181597	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.700	67	63277	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.902	98	150358	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloroprop...	8.185	79	23592	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.642	63	139351	48.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.48%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	48165	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.188	152	49540	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

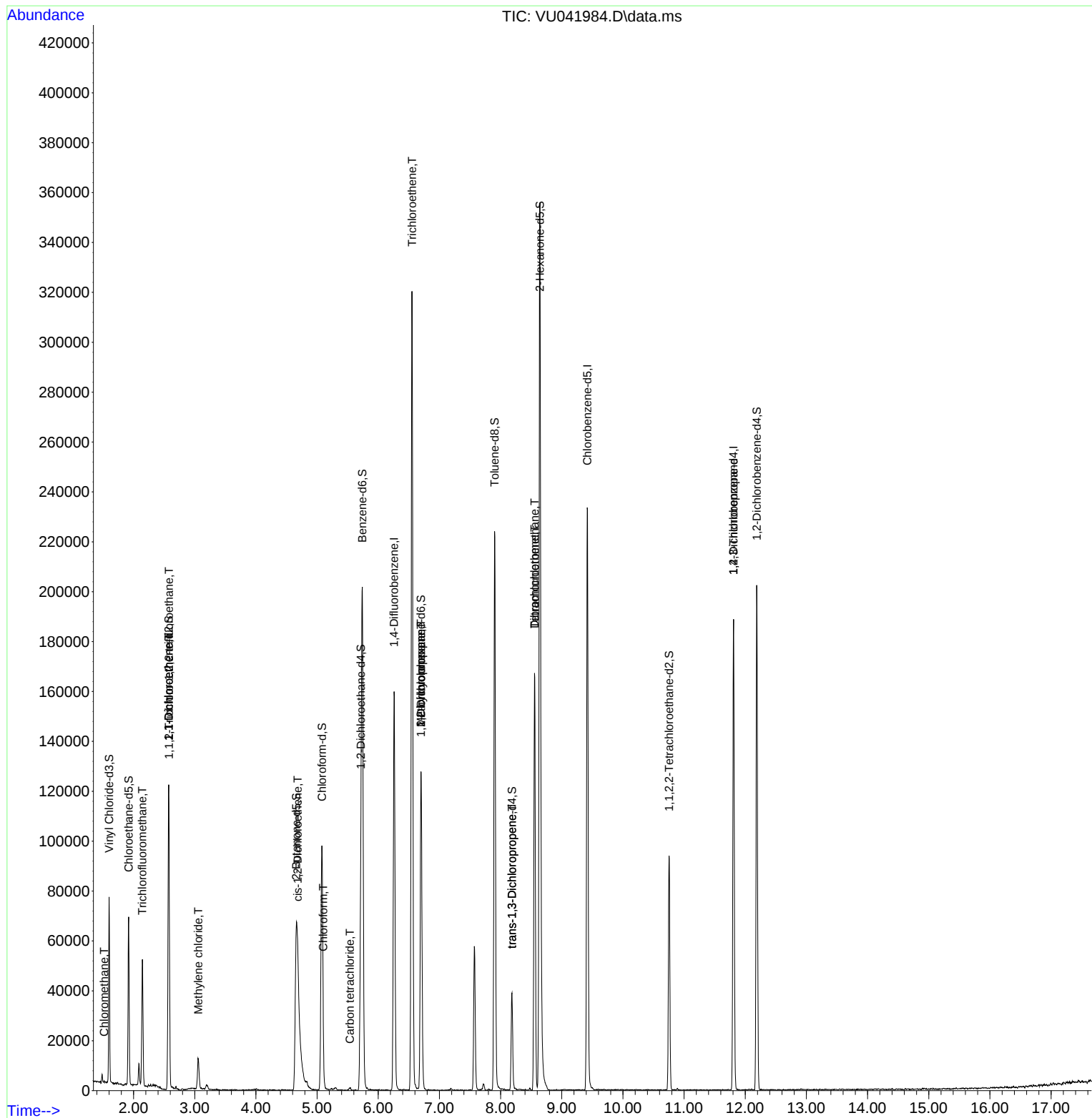
Target Compounds				Qvalue		
3) Chloromethane	1.520	50	727	0.05	ug/L #	78
9) Trichlorofluoromethane	2.144	101	32233	1.74	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	678	0.07	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	532	0.05	ug/L #	1
16) Methylene chloride	3.057	84	5748	0.51	ug/L	95
22) cis-1,2-Dichloroethene	4.684	96	4749	0.46	ug/L	87
25) Chloroform	5.099	83	1065	0.06	ug/L	77
31) Carbon tetrachloride	5.536	117	656	0.04	ug/L #	68
34) Trichloroethene	6.552	95	114583	9.37	ug/L	96
35) Methylcyclohexane	6.700	83	13706	0.71	ug/L #	16
37) 1,2-Dichloropropane	6.697	63	6898	0.54	ug/L #	90
44) trans-1,3-Dichloropropene	8.185	75	1054	0.06	ug/L #	82
47) Tetrachloroethene	8.555	164	35483	4.48	ug/L	94
49) Dibromochloromethane	8.555	129	37002	3.78	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	6296	0.75	ug/L	100

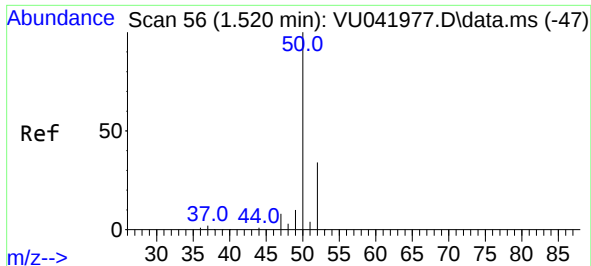
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 14 17:00:00 2021
Response via : Initial Calibration

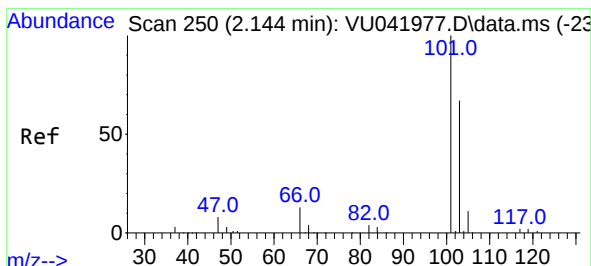
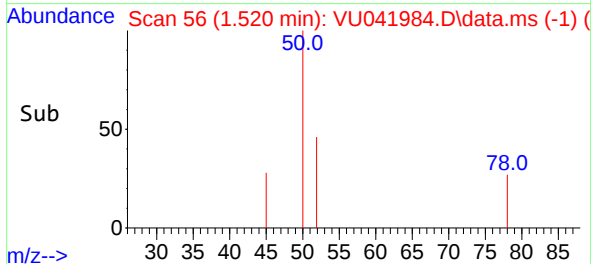
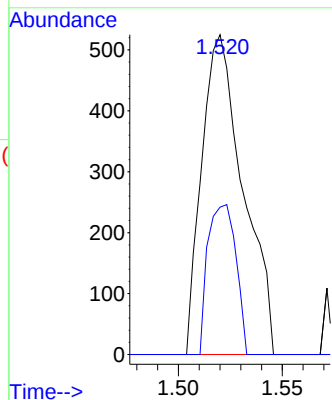
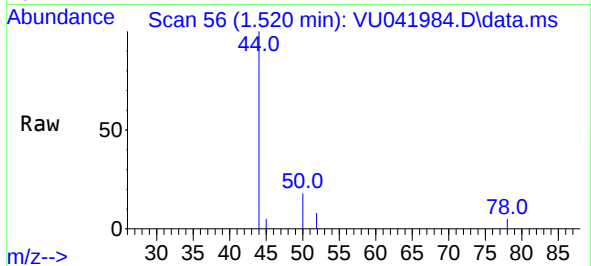




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

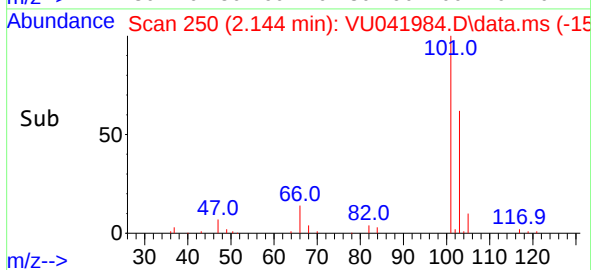
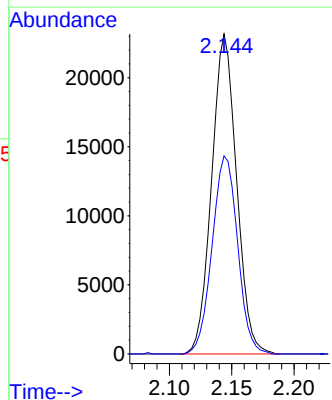
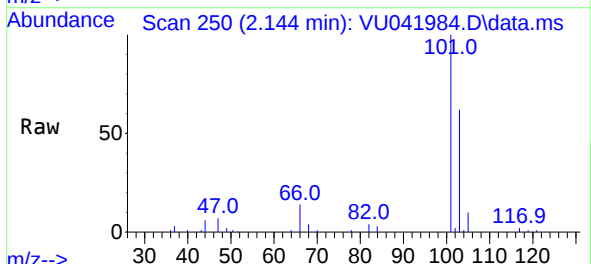
Instrument :
MSVOA_U
ClientSampled :
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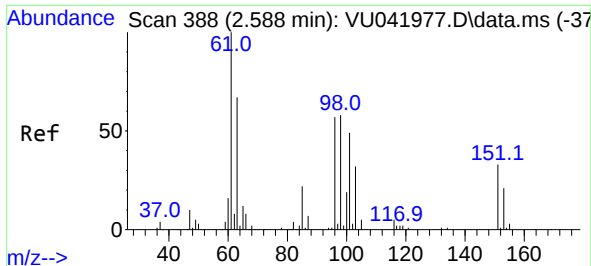
Tgt Ion: 50 Resp: 727
Ion Ratio Lower Upper
50 100
52 46.1 23.5 43.7#



#9
Trichlorofluoromethane
Concen: 1.74 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

Tgt Ion: 101 Resp: 32233
Ion Ratio Lower Upper
101 100
103 63.4 51.6 77.4

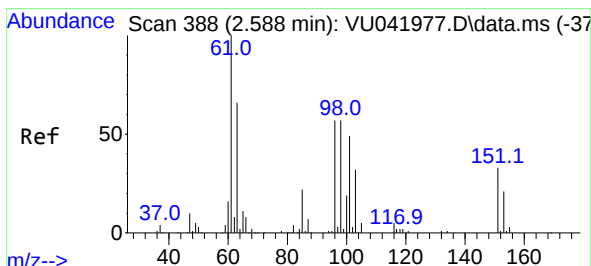
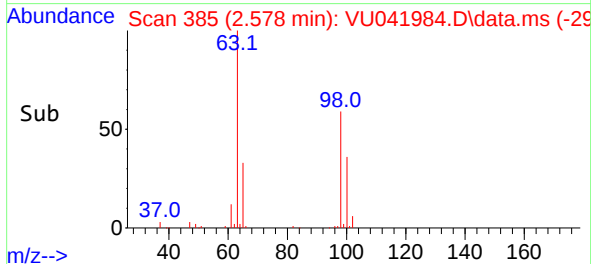
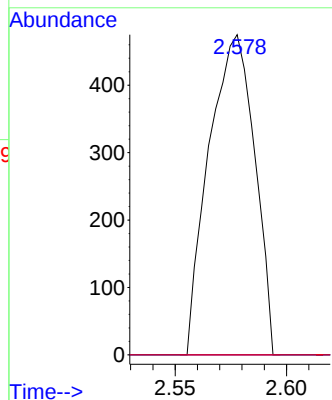
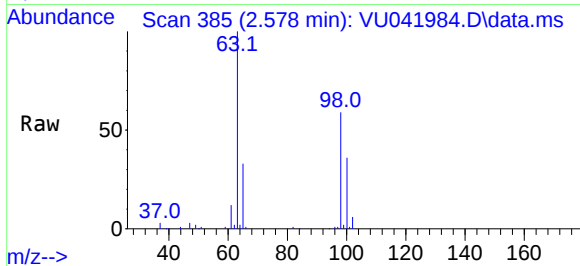




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.07 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

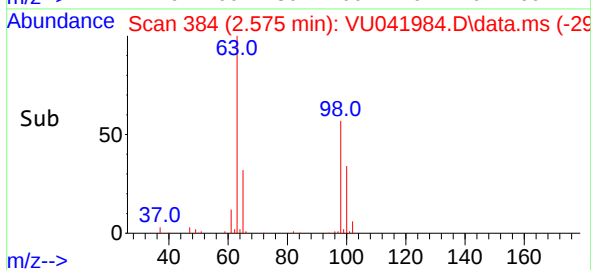
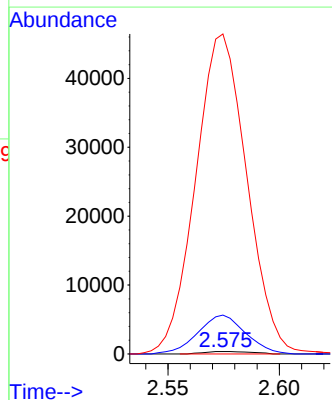
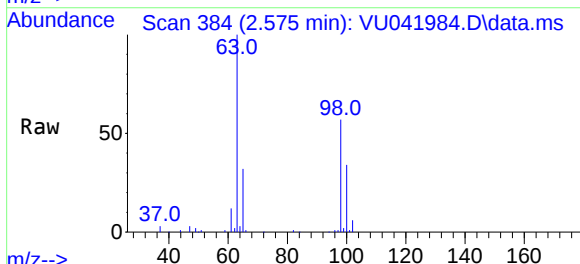
Instrument :
MSVOA_U
ClientSampleId :
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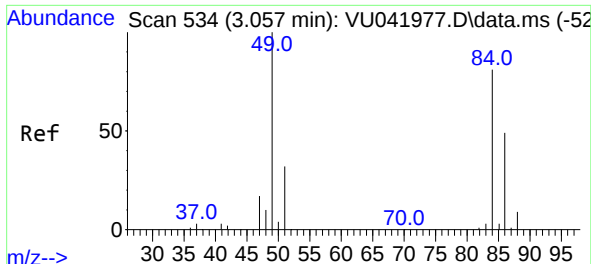
Tgt Ion:101 Resp: 678
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

Tgt Ion: 96 Resp: 532
Ion Ratio Lower Upper
96 100
61 1558.6 122.2 226.9#
63 12830.9 82.8 153.8#

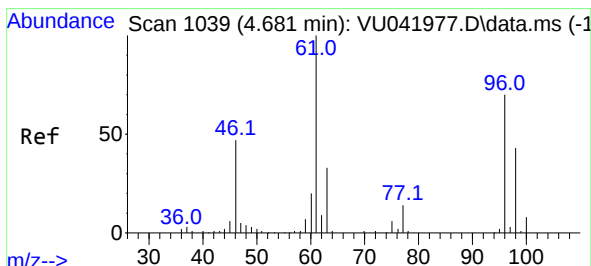
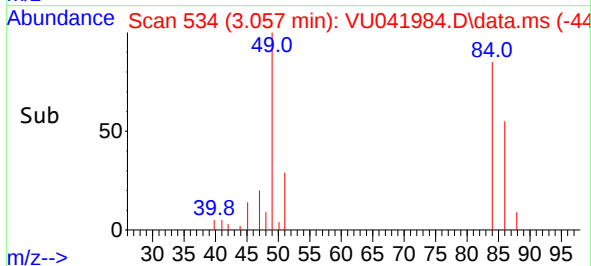
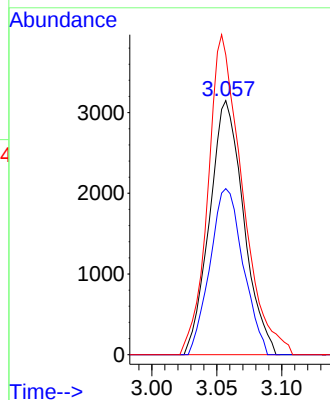
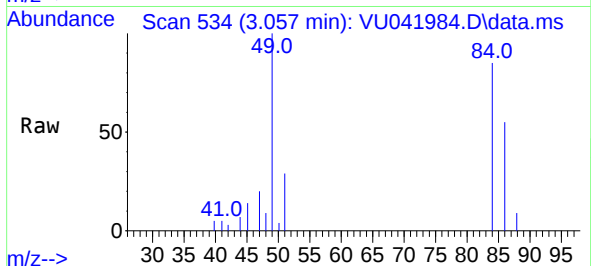




#16
Methylene chloride
Concen: 0.51 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.000 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

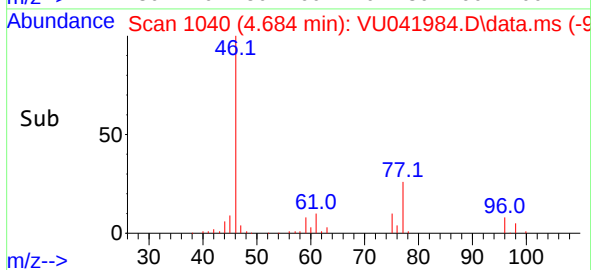
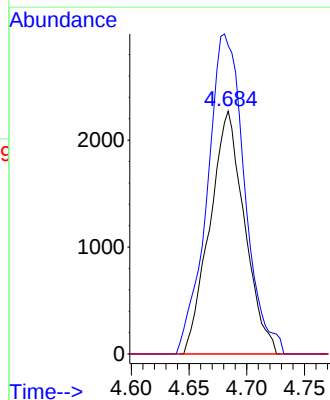
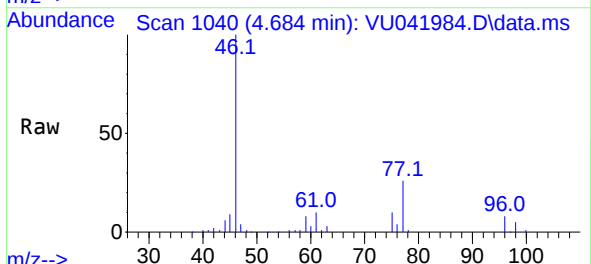
Instrument :
MSVOA_U
ClientSampleId :
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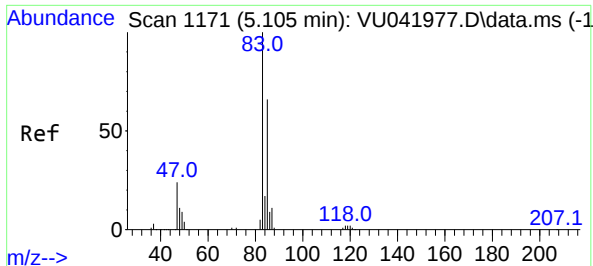
Tgt Ion: 84 Resp: 5748
Ion Ratio Lower Upper
84 100
86 65.3 42.6 79.0
49 117.9 86.2 160.0



#22
cis-1,2-Dichloroethene
Concen: 0.46 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

Tgt Ion: 96 Resp: 4749
Ion Ratio Lower Upper
96 100
61 127.0 100.3 186.3
68 0.0 0.0 0.0



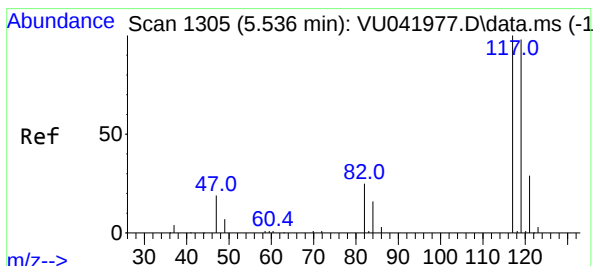
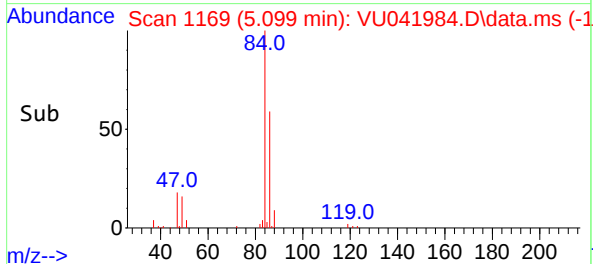
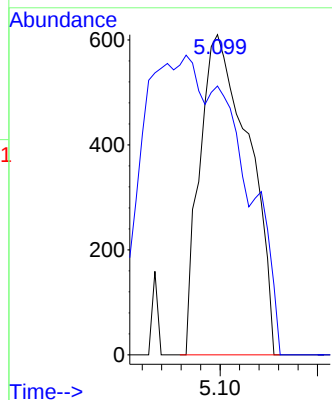
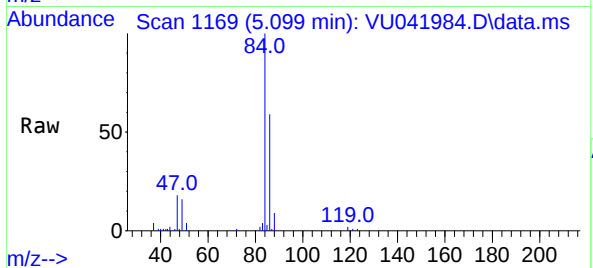


#25

Chloroform
Concen: 0.06 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.007 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

Instrument :
MSVOA_U
ClientSampleId :
C0AQ5DL

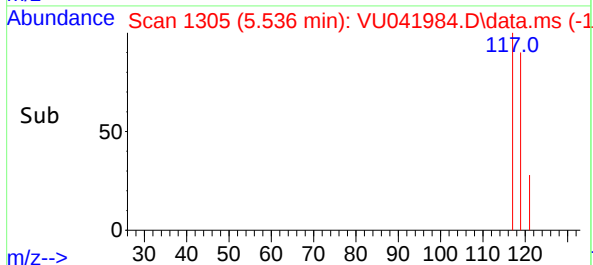
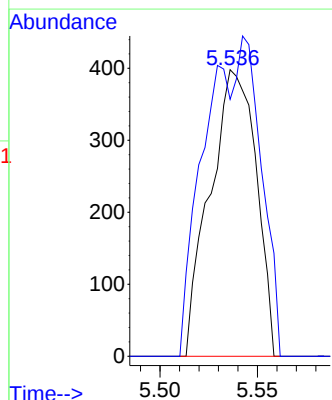
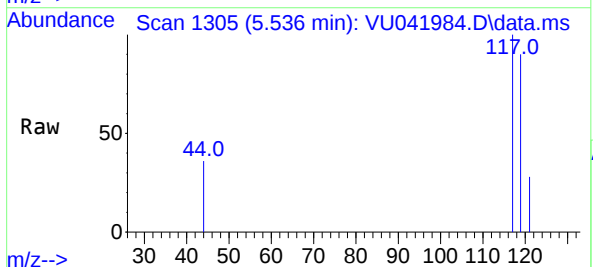
Tgt Ion: 83 Resp: 1065
Ion Ratio Lower Upper
83 100
85 83.9 46.1 85.7

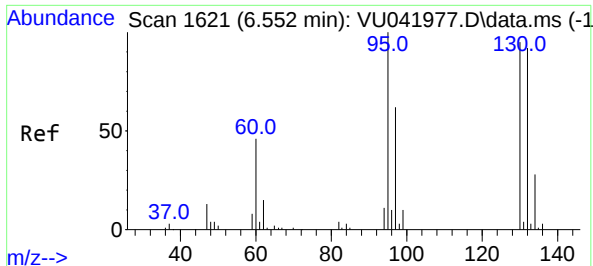


#31

Carbon tetrachloride
Concen: 0.04 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

Tgt Ion: 117 Resp: 656
Ion Ratio Lower Upper
117 100
119 64.9 76.6 114.8#

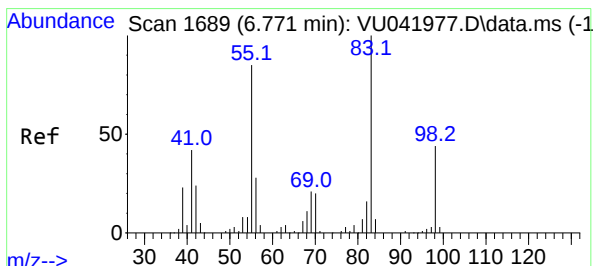
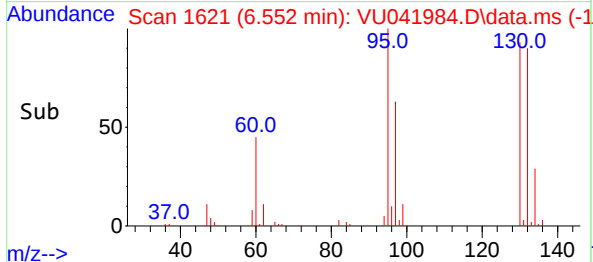
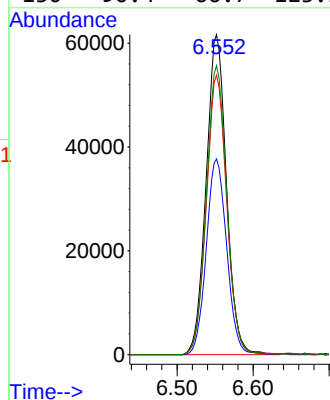
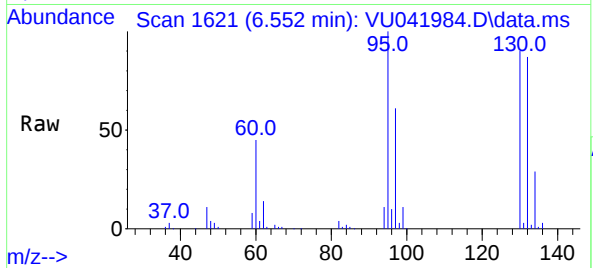




#34
Trichloroethene
Concen: 9.37 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

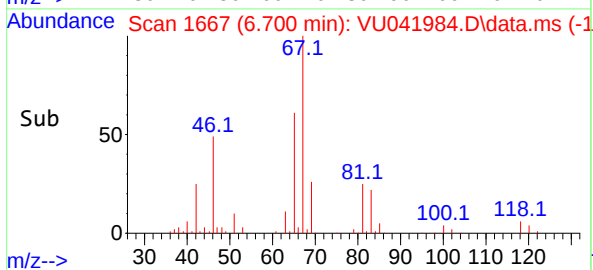
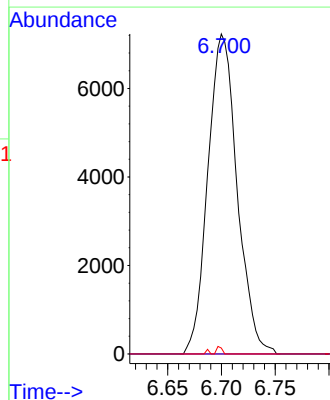
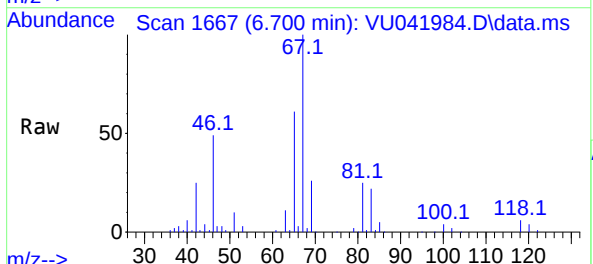
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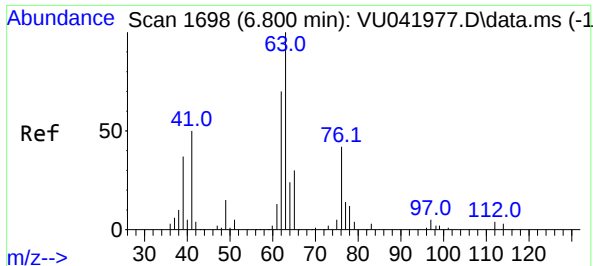
Tgt Ion: 95 Resp: 114583
Ion Ratio Lower Upper
95 100
97 61.2 43.6 81.0
132 87.4 64.3 119.3
130 90.4 66.7 123.9



#35
Methylcyclohexane
Concen: 0.71 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

Tgt Ion: 83 Resp: 13706
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.0 35.7 53.5#

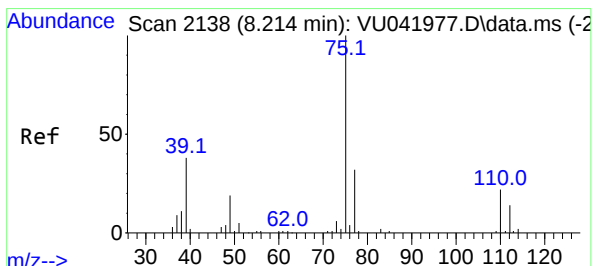
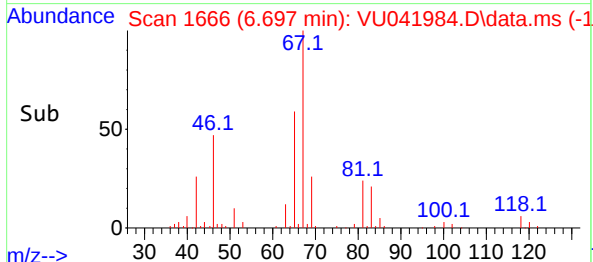
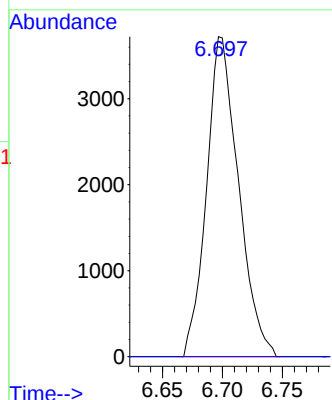
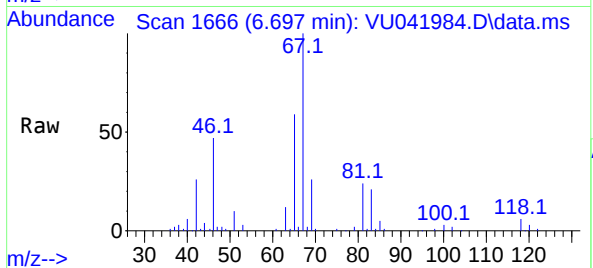




#37
1,2-Dichloropropane
Concen: 0.54 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

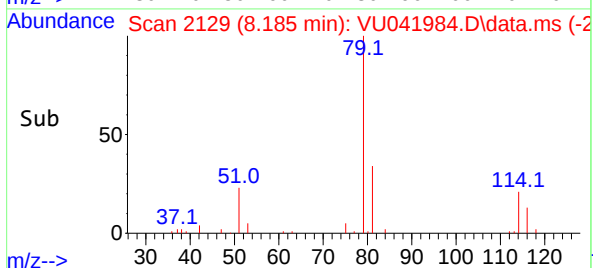
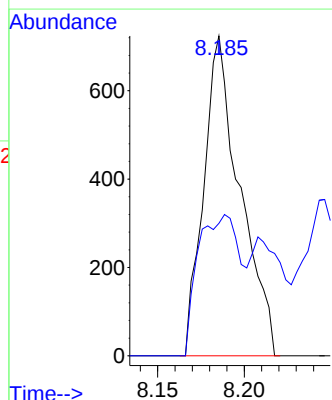
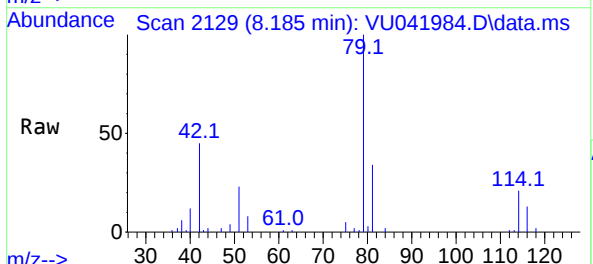
Instrument :
MSVOA_U
ClientSampleID :
C0AQ5DL

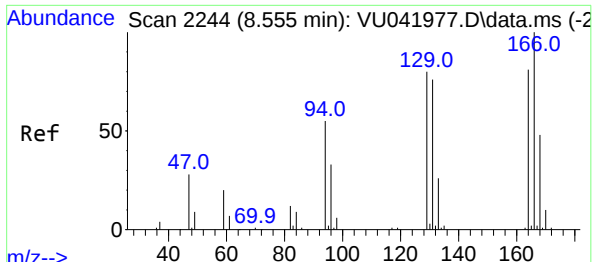
Tgt Ion: 63 Resp: 6898
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

Tgt Ion: 75 Resp: 1054
Ion Ratio Lower Upper
75 100
77 41.4 22.0 41.0#



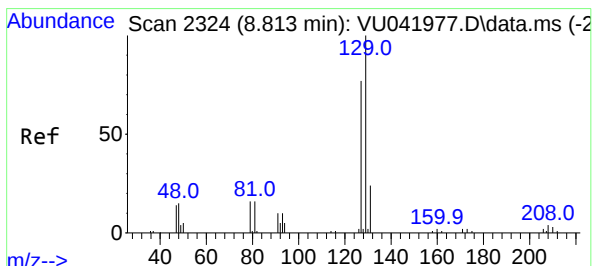
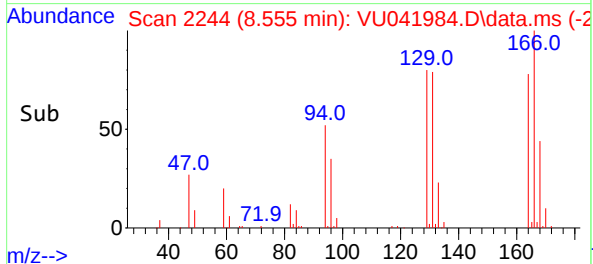
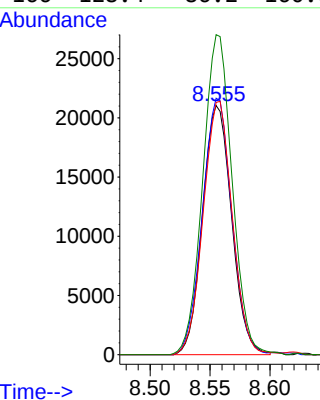
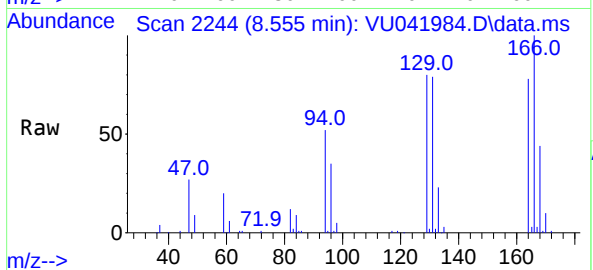


#47
Tetrachloroethene
Concen: 4.48 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

Instrument :
MSVOA_U
ClientSampleId :
C0AQ5DL

Tgt Ion:164 Resp: 35483

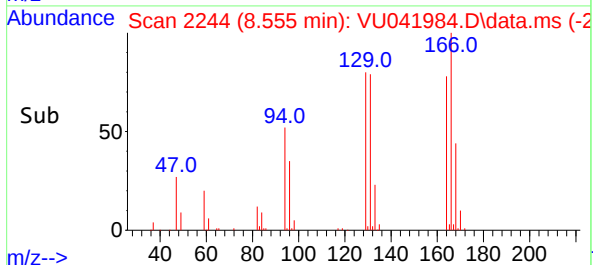
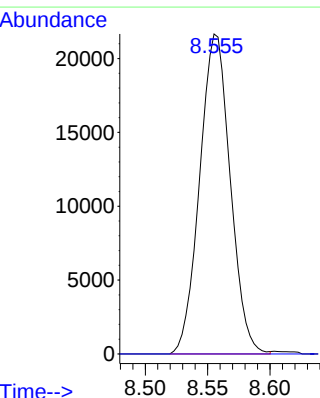
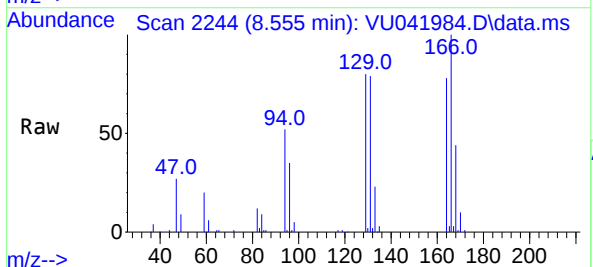
Ion	Ratio	Lower	Upper
164	100		
129	102.9	68.7	127.5
131	101.2	65.2	121.0
166	128.4	86.2	160.0

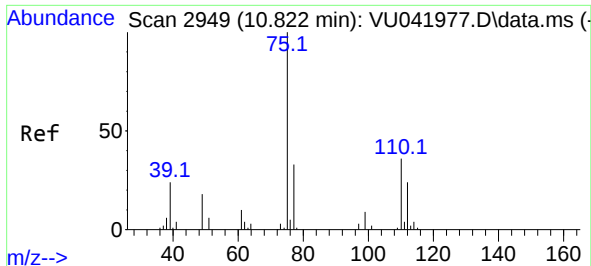


#49
Dibromochloromethane
Concen: 3.78 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

Tgt Ion:129 Resp: 37002

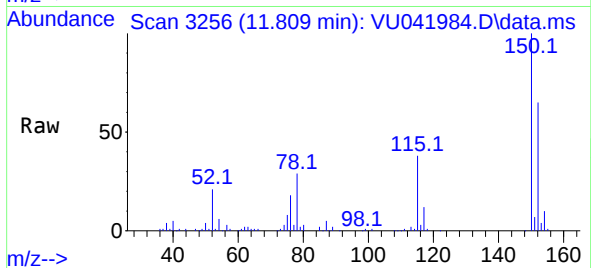
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#59
1,2,3-Trichloropropane
Concen: 0.75 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

Instrument :
MSVOA_U
ClientSampleId :
C0AQ5DL



Tgt Ion: 75 Resp: 6296
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4

