

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU041982.D
 Acq On : 13 Jan 2021 15:49
 Operator : SY/MD
 Sample : M1049-02DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 C0AQ4DL

Quant Time: Jan 14 17:01:09 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	6.260	114	128486	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	131016	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	49739	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	51929	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	1.919	69	49251	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.575	63	76438	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.662	46	169496	52.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.18%
24) Chloroform-d	5.083	84	96747	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.716	65	54391	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.742	84	185571	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.703	67	60529	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.903	98	155798	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloroprop...	8.185	79	23931	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.642	63	135455	47.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.66%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	52821	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.189	152	51969	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

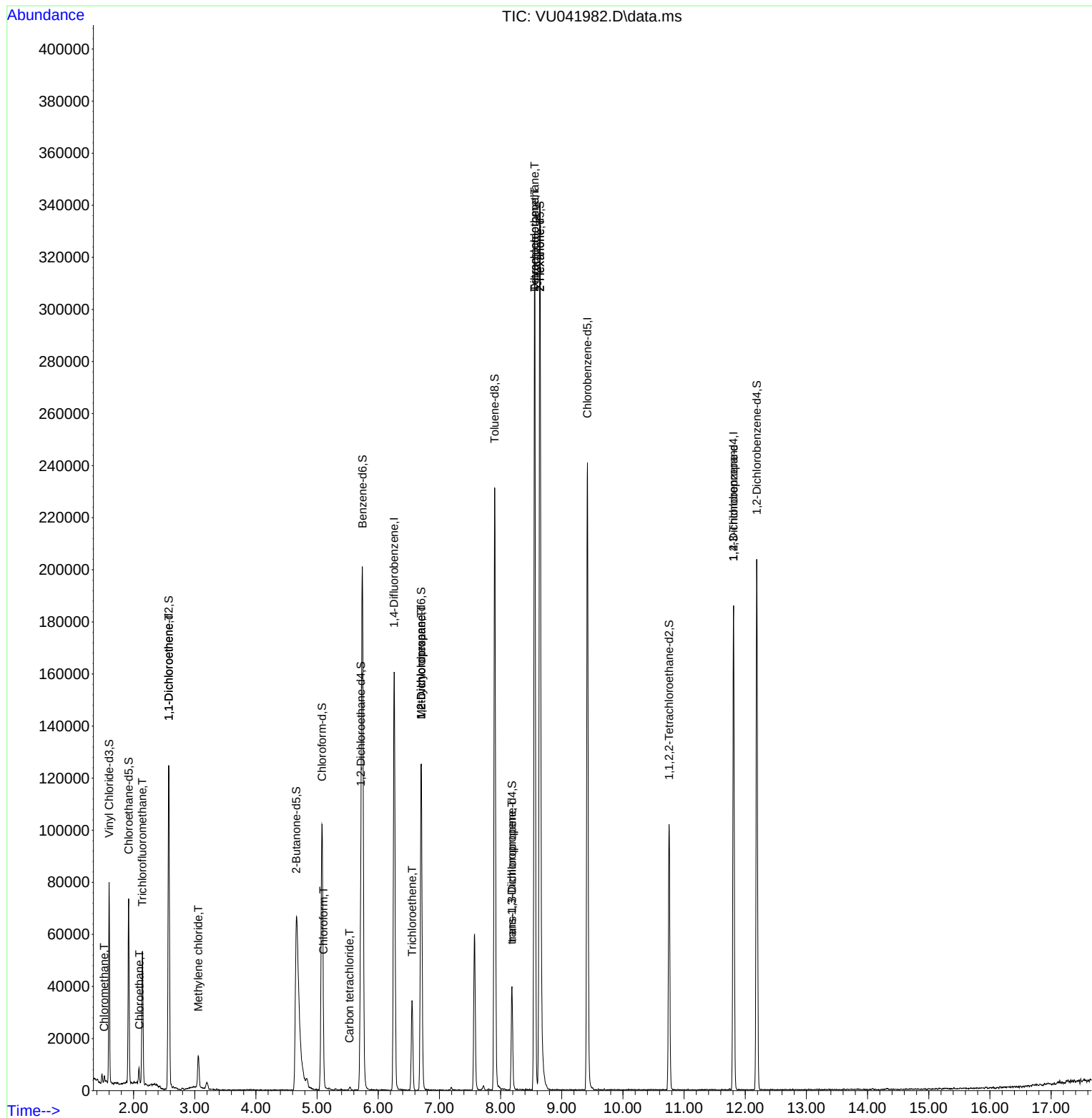
Target Compounds	Qvalue					
3) Chloromethane	1.520	50	1230	0.08	ug/L	87
8) Chloroethane	2.096	64	439	0.05	ug/L	97
9) Trichlorofluoromethane	2.144	101	32479	1.69	ug/L	97
12) 1,1-Dichloroethene	2.575	96	600	0.06	ug/L #	1
16) Methylene chloride	3.060	84	5563	0.47	ug/L	96
25) Chloroform	5.102	83	1158	0.06	ug/L	80
31) Carbon tetrachloride	5.530	117	977	0.06	ug/L	93
34) Trichloroethene	6.552	95	12259	1.01	ug/L	97
35) Methylcyclohexane	6.703	83	13842	0.72	ug/L #	16
37) 1,2-Dichloropropane	6.703	63	6683	0.53	ug/L #	90
44) trans-1,3-Dichloropropene	8.182	75	815	0.05	ug/L #	58
47) Tetrachloroethene	8.558	164	66940	8.53	ug/L	94
48) 2-Hexanone	8.645	43	15131	2.58	ug/L #	67
49) Dibromochloromethane	8.558	129	70076	7.22	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	6116	0.74	ug/L	99

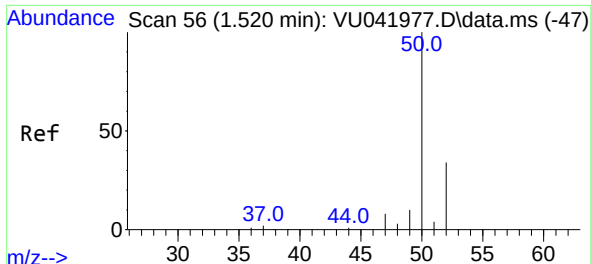
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

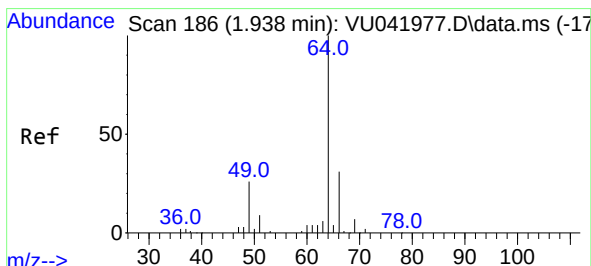
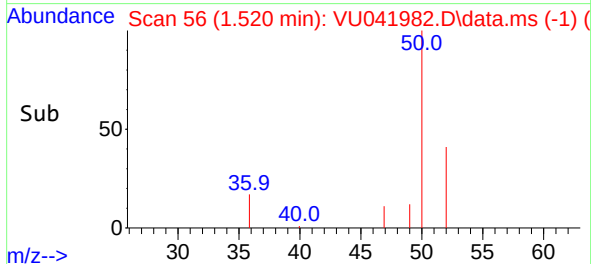
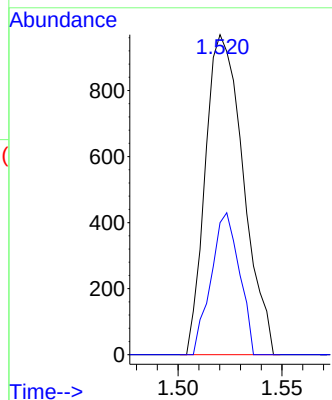
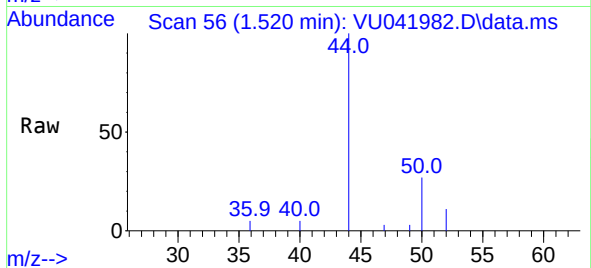




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU041982.D
Acq: 13 Jan 2021 15:49

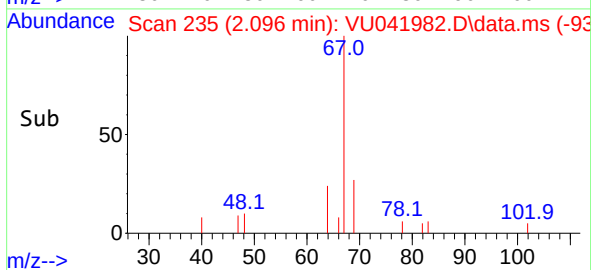
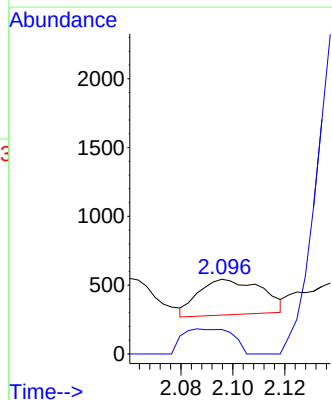
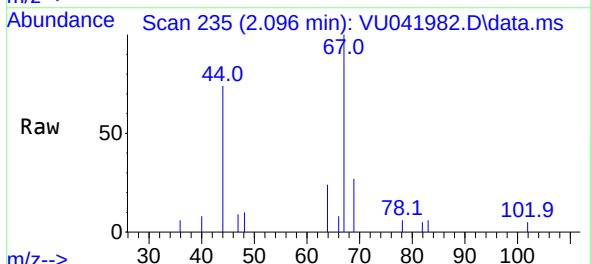
Instrument :
MSVOA_U
ClientSampleId :
C0AQ4DL

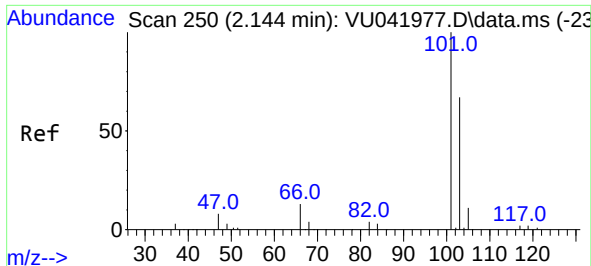
Tgt Ion: 50 Resp: 1230
Ion Ratio Lower Upper
50 100
52 41.3 23.5 43.7



#8
Chloroethane
Concen: 0.05 ug/L
RT: 2.096 min Scan# 235
Delta R.T. 0.157 min
Lab File: VU041982.D
Acq: 13 Jan 2021 15:49

Tgt Ion: 64 Resp: 439
Ion Ratio Lower Upper
64 100
66 32.8 21.6 40.2

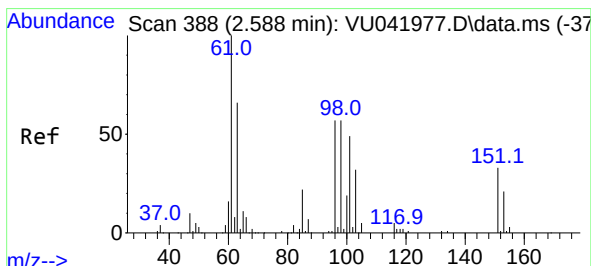
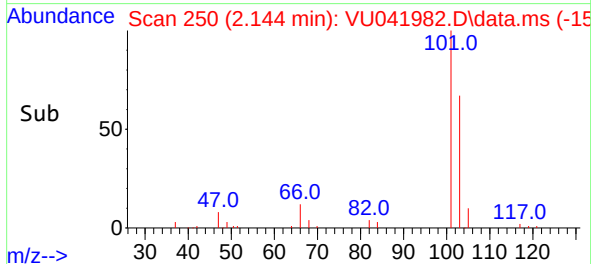
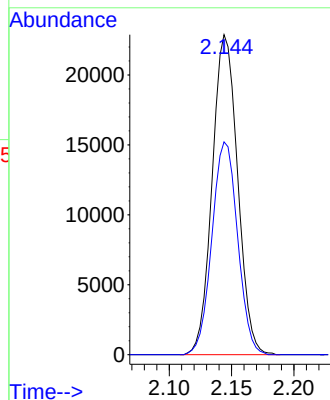
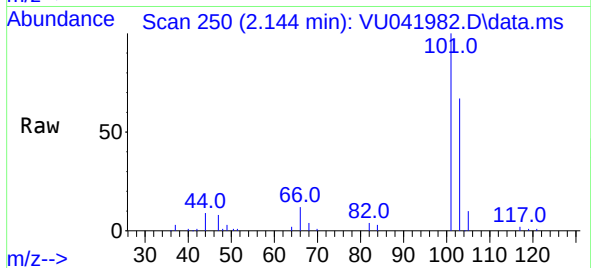




#9
Trichlorofluoromethane
Concen: 1.69 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU041982.D
Acq: 13 Jan 2021 15:49

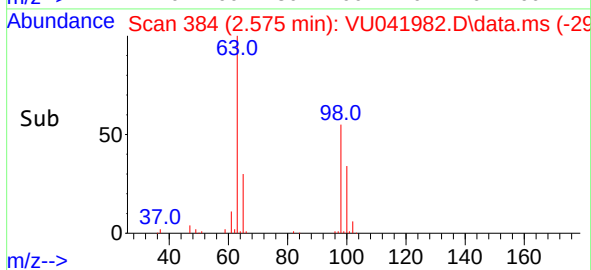
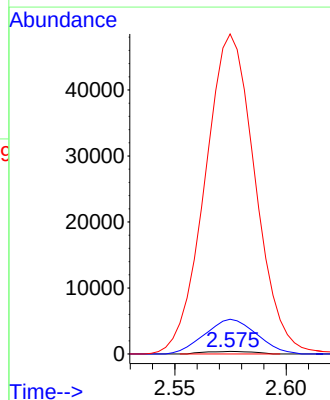
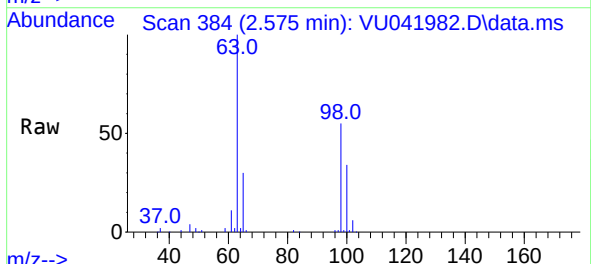
Instrument :
MSVOA_U
ClientSampleId :
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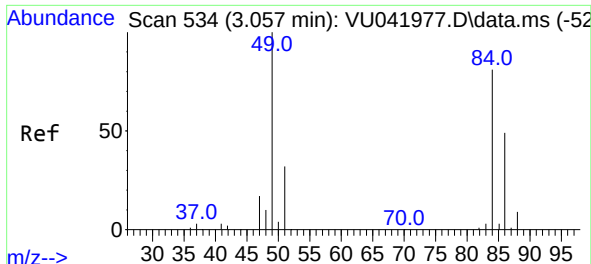
Tgt Ion:101 Resp: 32479
Ion Ratio Lower Upper
101 100
103 67.2 51.6 77.4



#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU041982.D
Acq: 13 Jan 2021 15:49

Tgt Ion: 96 Resp: 600
Ion Ratio Lower Upper
96 100
61 1395.0 122.2 226.9#
63 12863.7 82.8 153.8#

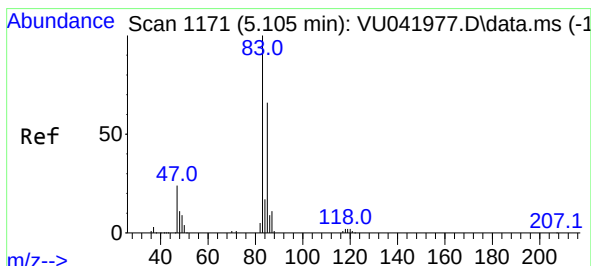
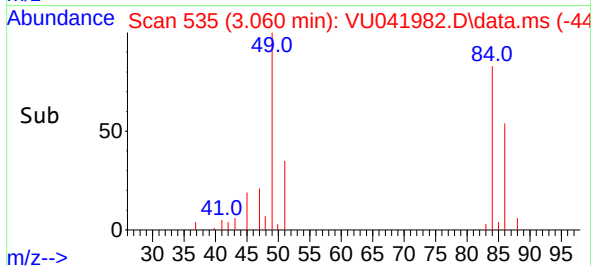
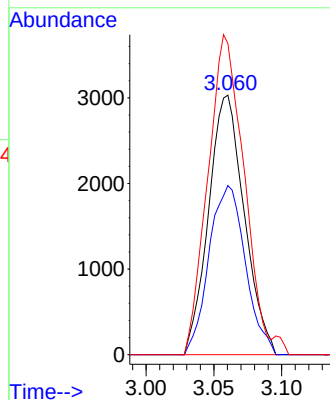
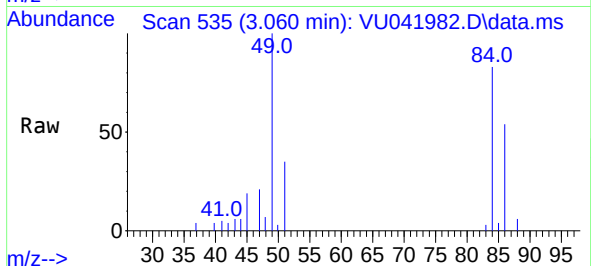




#16
Methylene chloride
Concen: 0.47 ug/L
RT: 3.060 min Scan# 535
Delta R.T. 0.003 min
Lab File: VU041982.D
Acq: 13 Jan 2021 15:49

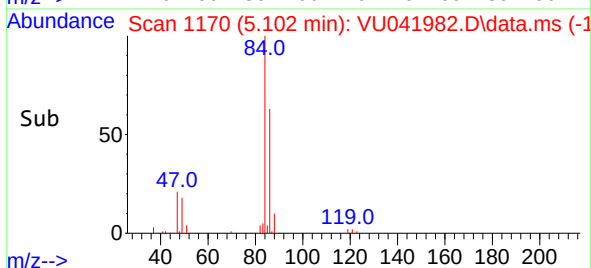
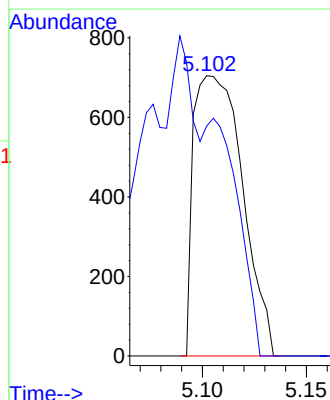
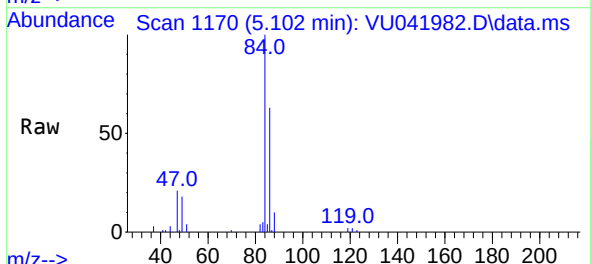
Instrument :
MSVOA_U
ClientSampleId :
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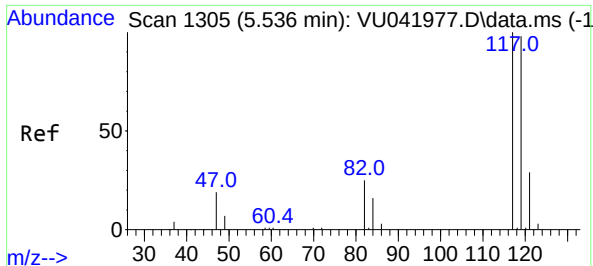
Tgt Ion: 84 Resp: 5563
Ion Ratio Lower Upper
84 100
86 65.1 42.6 79.0
49 119.9 86.2 160.0



#25
Chloroform
Concen: 0.06 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VU041982.D
Acq: 13 Jan 2021 15:49

Tgt Ion: 83 Resp: 1158
Ion Ratio Lower Upper
83 100
85 82.0 46.1 85.7

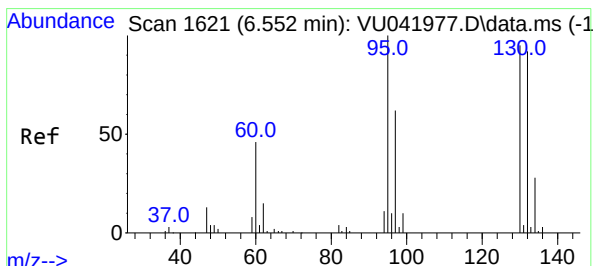
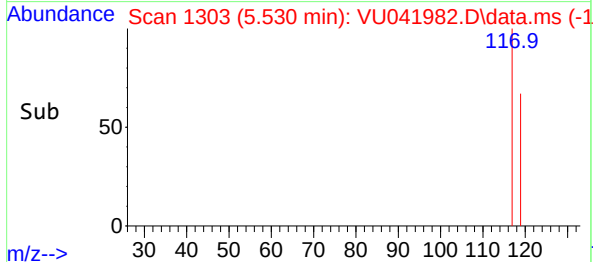
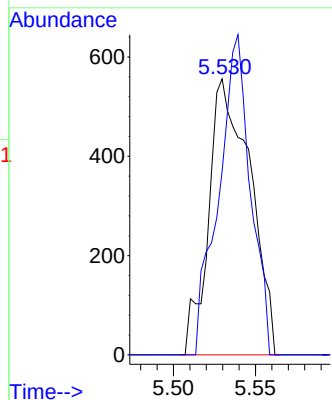
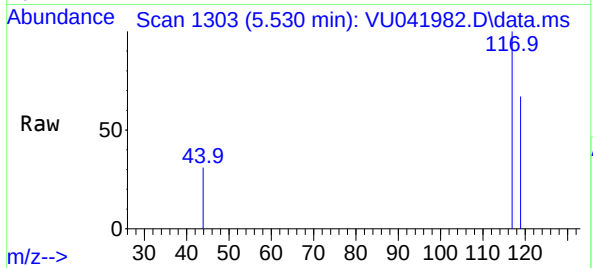




#31
Carbon tetrachloride
Concen: 0.06 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VU041982.D
Acq: 13 Jan 2021 15:49

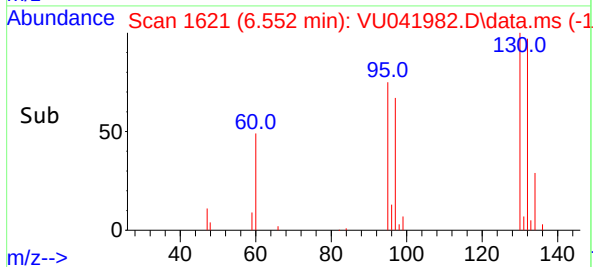
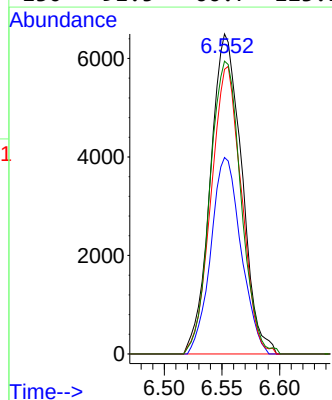
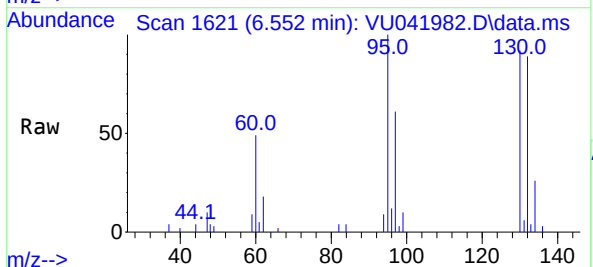
Instrument :
MSVOA_U
ClientSampled :
C0AQ4DL

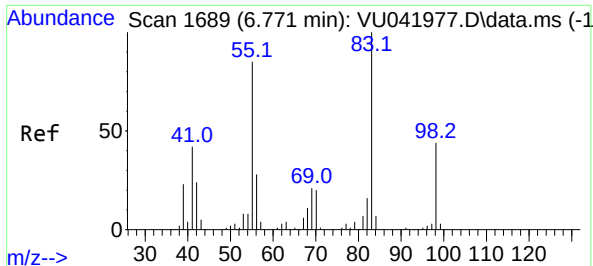
Tgt Ion:117 Resp: 977
Ion Ratio Lower Upper
117 100
119 88.9 76.6 114.8



#34
Trichloroethene
Concen: 1.01 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU041982.D
Acq: 13 Jan 2021 15:49

Tgt Ion: 95 Resp: 12259
Ion Ratio Lower Upper
95 100
97 61.4 43.6 81.0
132 89.0 64.3 119.3
130 91.5 66.7 123.9





#35

Methylcyclohexane

Concen: 0.72 ug/L

RT: 6.703 min Scan# 1668

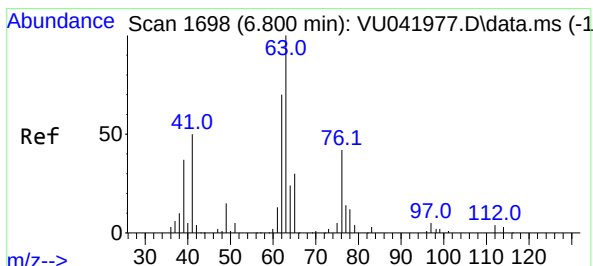
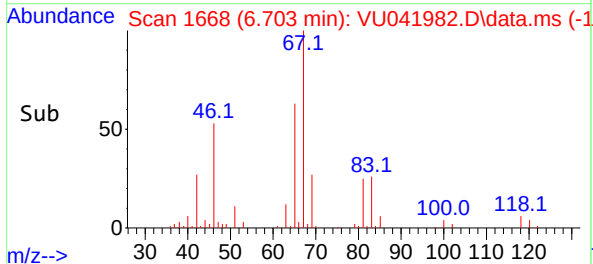
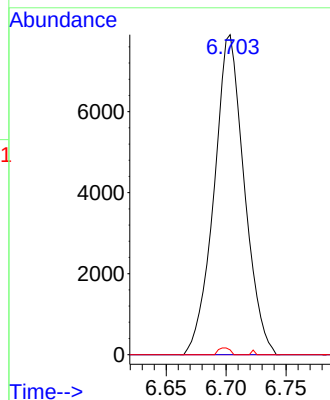
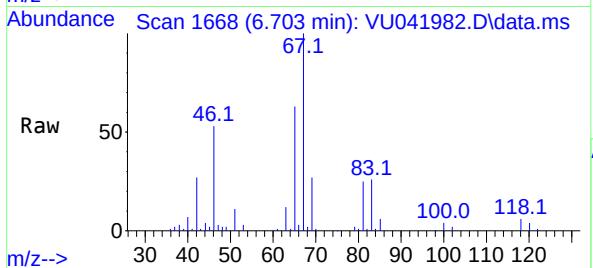
Delta R.T. -0.068 min

Lab File: VU041982.D

Acq: 13 Jan 2021 15:49

Tgt Ion:	83	Resp:	13842
Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.8	100.2#
98	0.8	35.7	53.5#

Instrument :
MSVOA_U
ClientSampled :
C0AQ4DL



#37

1,2-Dichloropropane

Concen: 0.53 ug/L

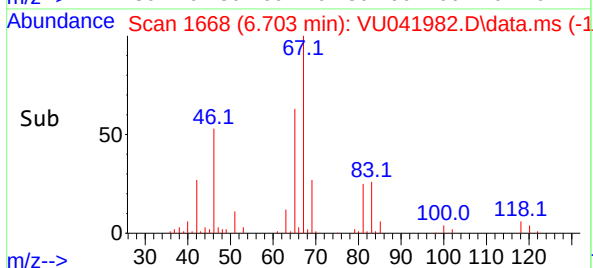
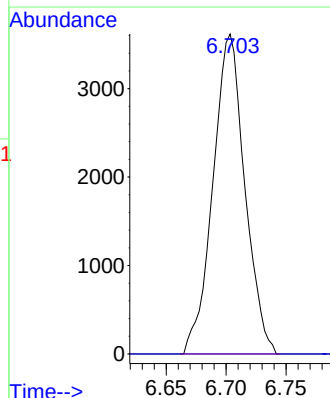
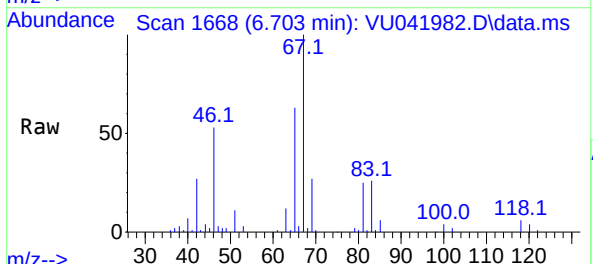
RT: 6.703 min Scan# 1668

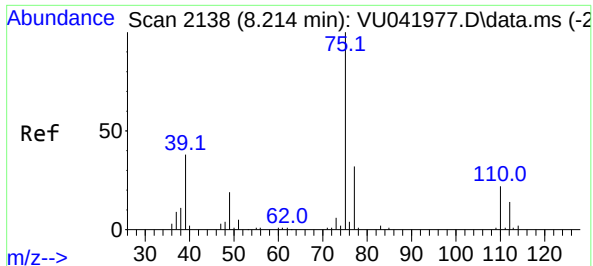
Delta R.T. -0.096 min

Lab File: VU041982.D

Acq: 13 Jan 2021 15:49

Tgt Ion:	63	Resp:	6683
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

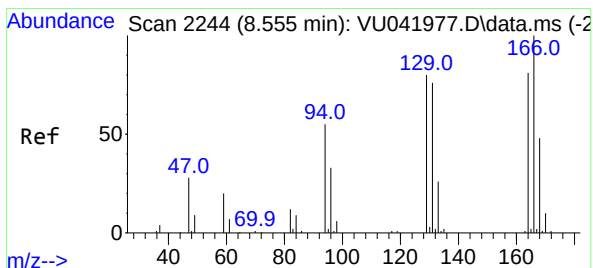
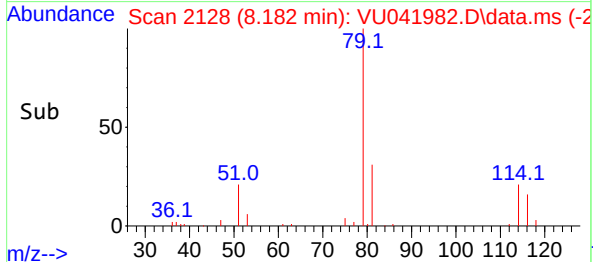
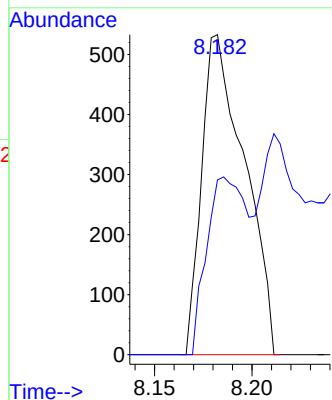
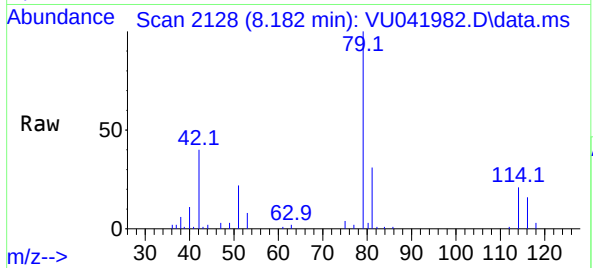




#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU041982.D
Acq: 13 Jan 2021 15:49

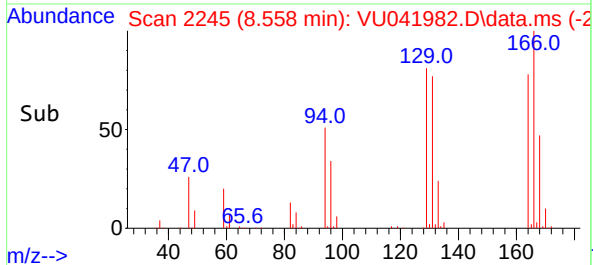
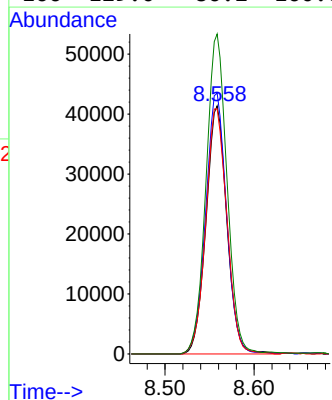
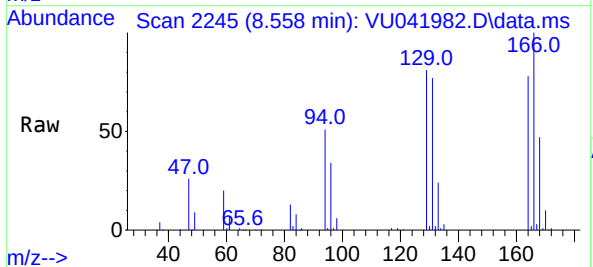
Instrument :
MSVOA_U
ClientSampleId :
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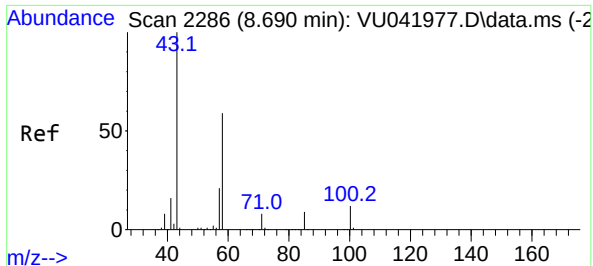
Tgt Ion: 75 Resp: 815
Ion Ratio Lower Upper
75 100
77 54.6 22.0 41.0#



#47
Tetrachloroethene
Concen: 8.53 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU041982.D
Acq: 13 Jan 2021 15:49

Tgt Ion: 164 Resp: 66940
Ion Ratio Lower Upper
164 100
129 105.1 68.7 127.5
131 98.8 65.2 121.0
166 129.0 86.2 160.0



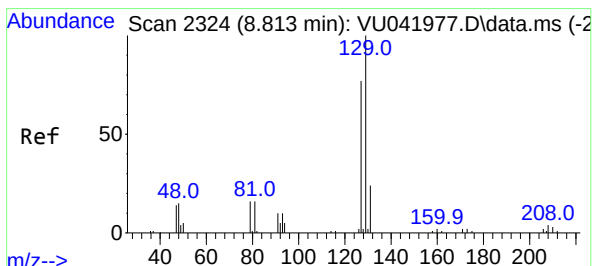
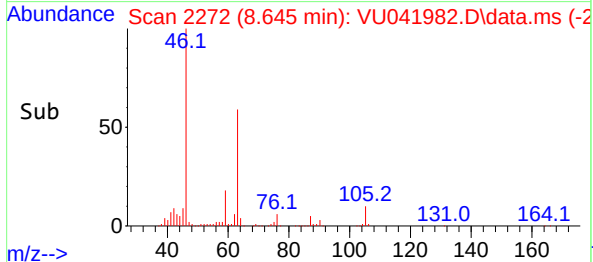
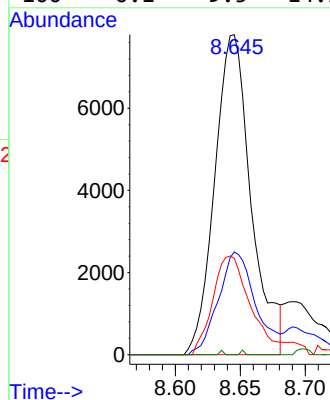
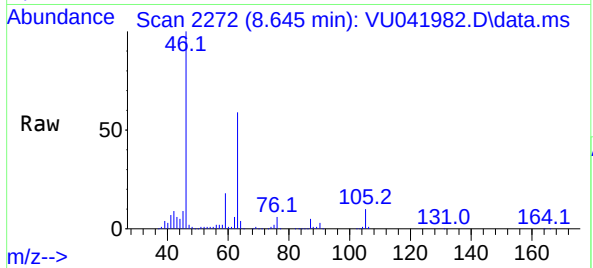


#48
2-Hexanone
Concen: 2.58 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.045 min
Lab File: VU041982.D
Acq: 13 Jan 2021 15:49

Instrument :
MSVOA_U
ClientSampleId :
C0AQ4DL

Tgt Ion: 43 Resp: 15131

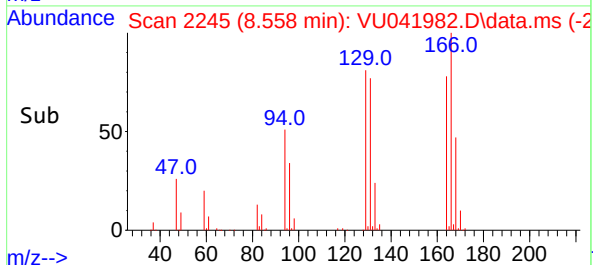
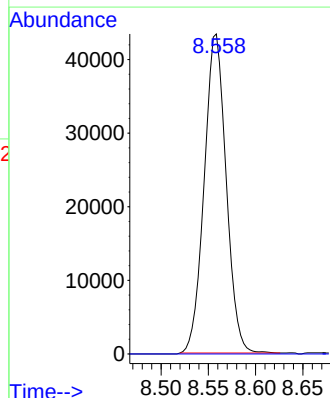
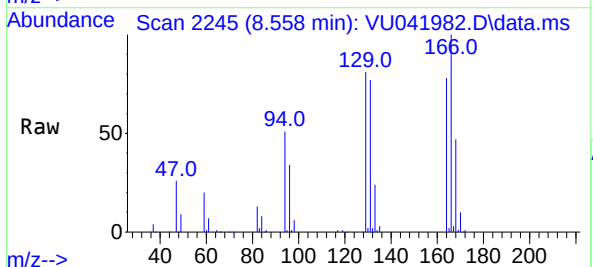
Ion	Ratio	Lower	Upper
43	100		
58	33.1	47.8	71.8#
57	34.0	17.4	26.0#
100	0.1	9.5	14.3#

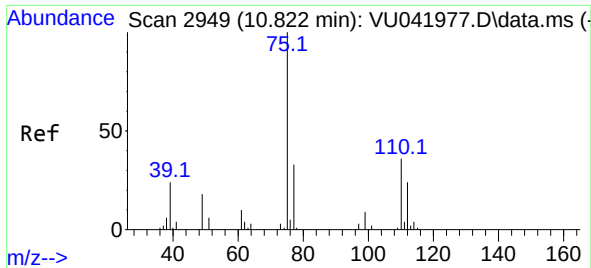


#49
Dibromochloromethane
Concen: 7.22 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU041982.D
Acq: 13 Jan 2021 15:49

Tgt Ion: 129 Resp: 70076

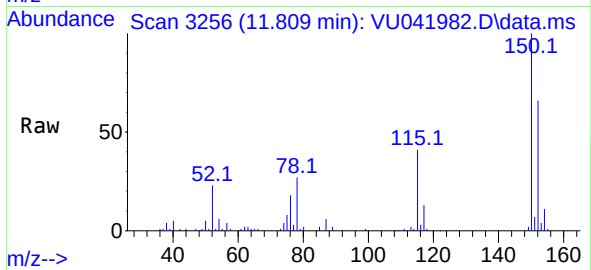
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.74 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.987 min
 Lab File: VU041982.D
 Acq: 13 Jan 2021 15:49

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ4DL



Tgt Ion: 75 Resp: 6116
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.6 38.4

