

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU042007.D
 Acq On : 14 Jan 2021 02:16
 Operator : SY/MD
 Sample : M1065-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 02:49:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 02:46:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	113771	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98709	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	40322	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42783	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.919	69	42641	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.575	63	63951	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.652	46	157183	54.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.12%
24) Chloroform-d	5.080	84	90177	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.716	65	51473	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.742	84	182671	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
36) 1,2-Dichloropropane-d6	6.700	67	56396	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.903	98	142486	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloroprop...	8.185	79	21606	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.639	63	111808	51.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.70%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	43609	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	12.189	152	43663	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	4383	0.42	ug/L	89
3) Chloromethane	1.523	50	1150	0.09	ug/L #	78
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	1638	0.18	ug/L #	67
12) 1,1-Dichloroethene	2.584	96	3244	0.36	ug/L #	1
13) Acetone	2.658	43	3960	2.20	ug/L	80
19) 1,1-Dichloroethane	3.883	63	769	0.04	ug/L #	49
22) cis-1,2-Dichloroethene	4.681	96	4741	0.50	ug/L	97
25) Chloroform	5.105	83	2606	0.15	ug/L	98
31) Carbon tetrachloride	5.539	117	503	0.04	ug/L	93
34) Trichloroethene	6.552	95	86221	9.44	ug/L	98
35) Methylcyclohexane	6.700	83	12516	0.86	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5597	0.59	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1384	0.10	ug/L #	6
44) trans-1,3-Dichloropropene	8.185	75	945	0.08	ug/L #	69
47) Tetrachloroethene	8.555	164	35033	5.92	ug/L	95
49) Dibromochloromethane	8.555	129	33922	4.64	ug/L #	11
59) 1,2,3-Trichloropropane	11.806	75	4632	0.74	ug/L	96

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 02:46:12 2021
Response via : Initial Calibration

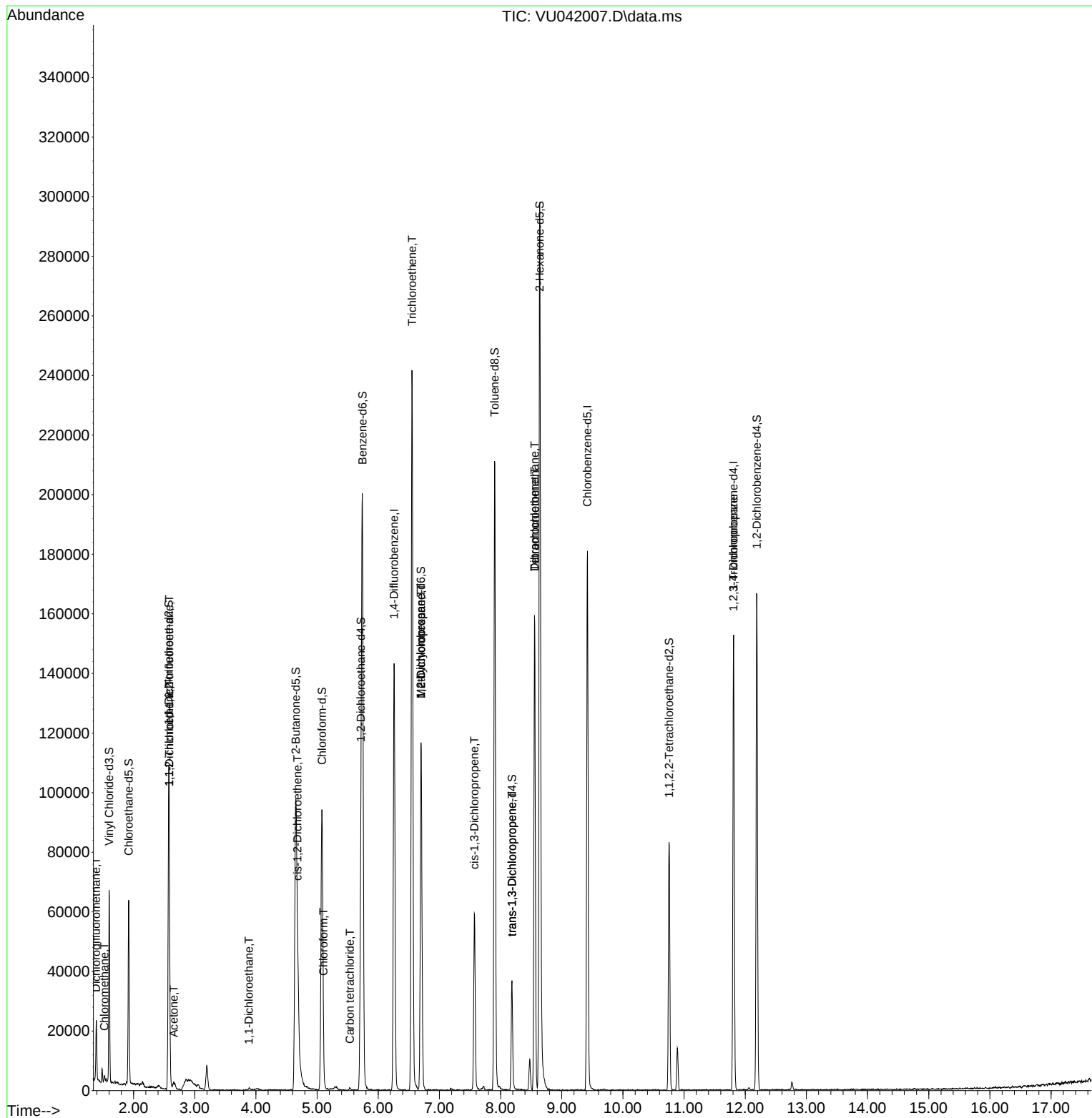
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

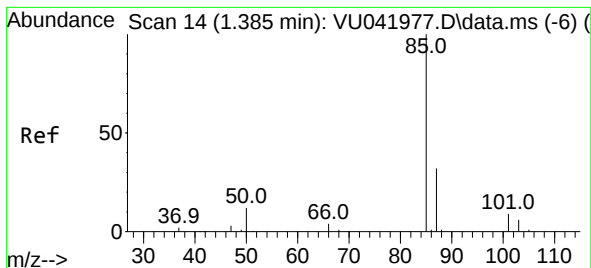
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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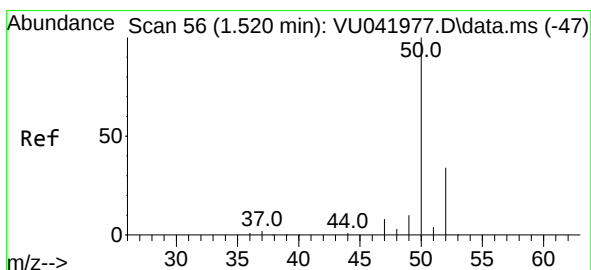
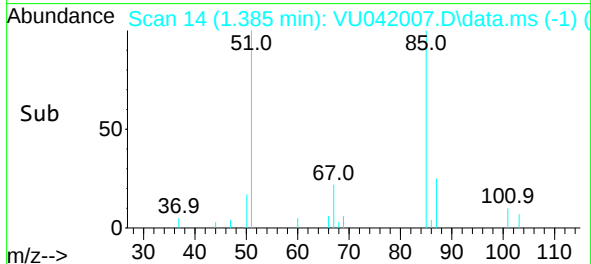
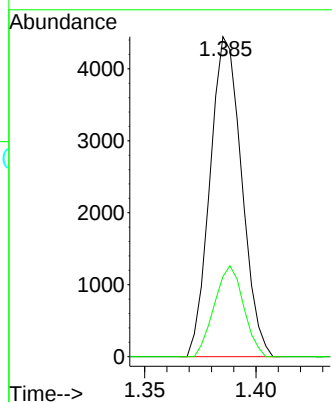
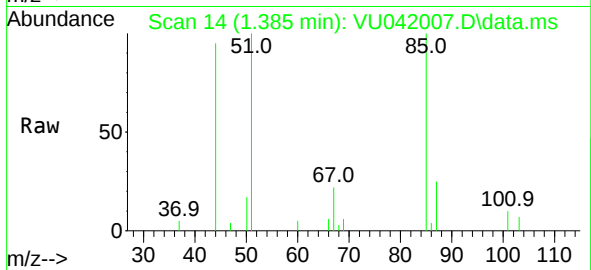




#2
Dichlorodifluoromethane
Concen: 0.42 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

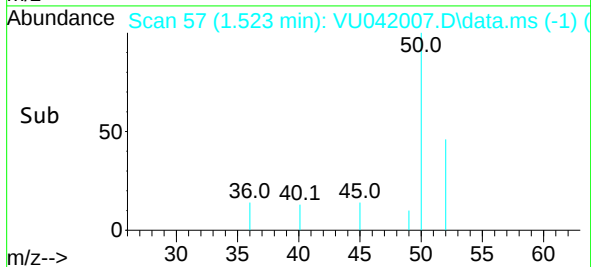
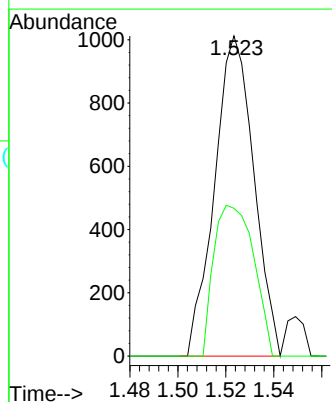
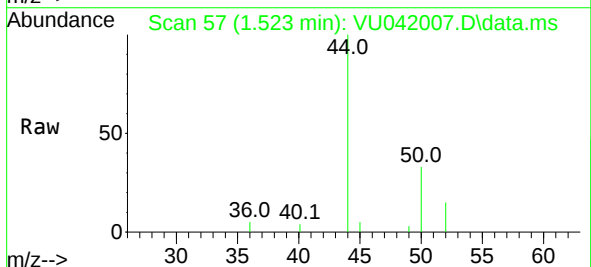
Instrument :
MSVOA_U
ClientSampled :

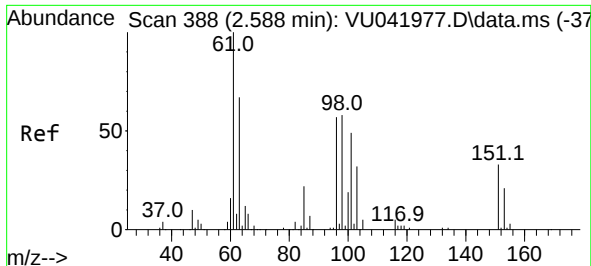
Tgt Ion: 85 Resp: 4383
Ion Ratio Lower Upper
85 100
87 26.1 25.7 38.5



#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

Tgt Ion: 50 Resp: 1150
Ion Ratio Lower Upper
50 100
52 46.1 23.5 43.7#

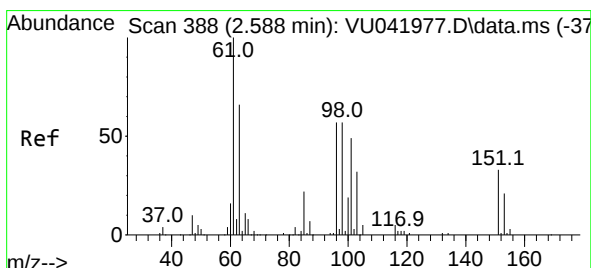
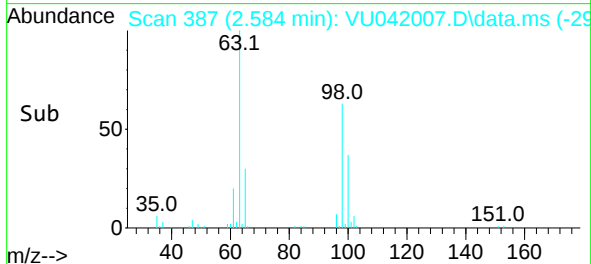
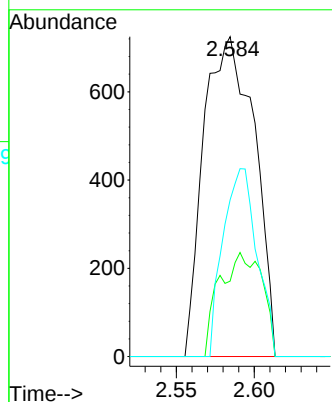
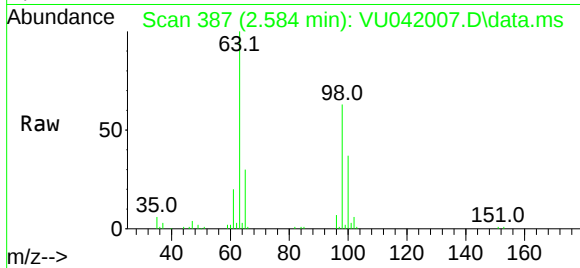




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.18 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU042007.D
 Acq: 14 Jan 2021 02:16

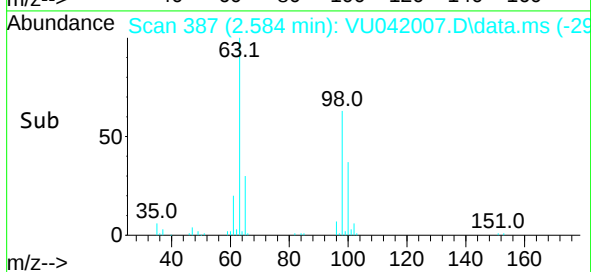
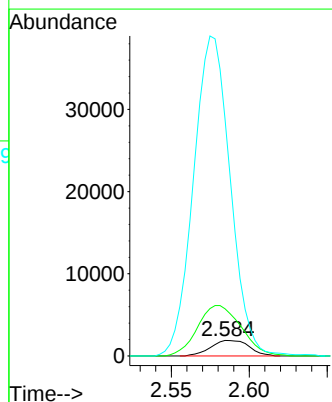
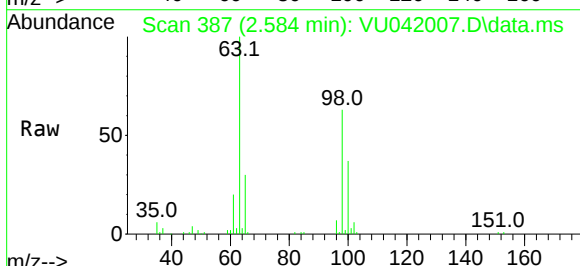
Instrument :
 MSVOA_U
 ClientSampleId :

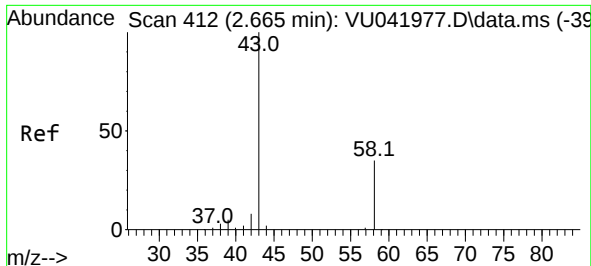
Tgt Ion:101 Resp: 1638
 Ion Ratio Lower Upper
 101 100
 85 27.2 35.9 53.9#
 151 39.4 55.4 83.2#



#12
 1,1-Dichloroethene
 Concen: 0.36 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU042007.D
 Acq: 14 Jan 2021 02:16

Tgt Ion: 96 Resp: 3244
 Ion Ratio Lower Upper
 96 100
 61 304.8 122.2 226.9#
 63 1530.5 82.8 153.8#

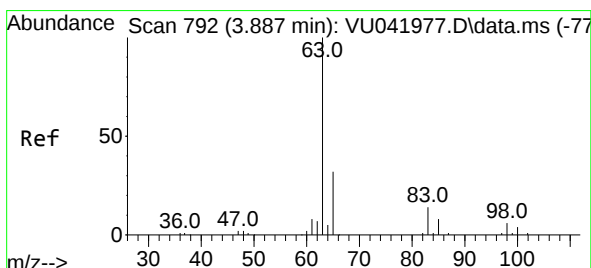
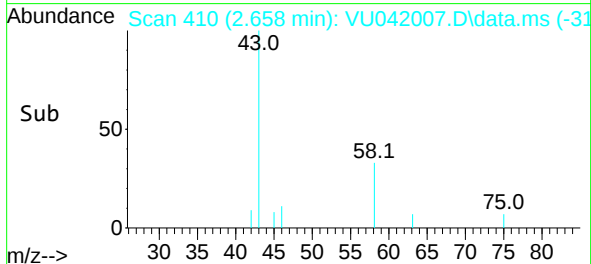
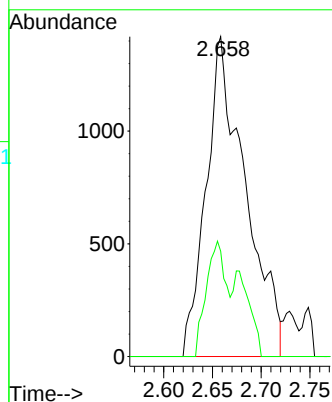
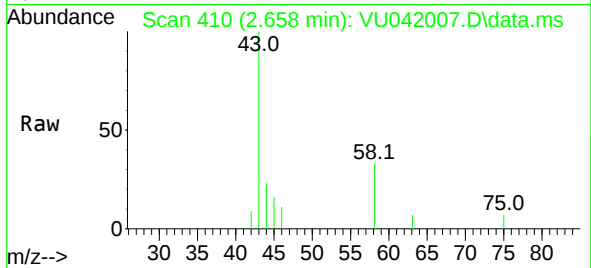




#13
Acetone
Concen: 2.20 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.006 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

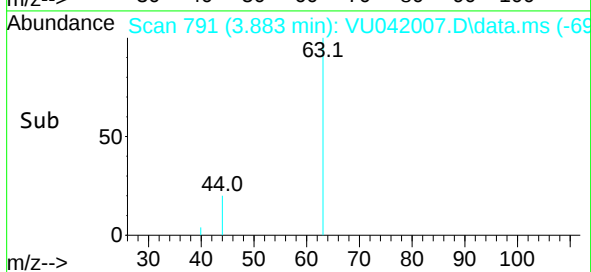
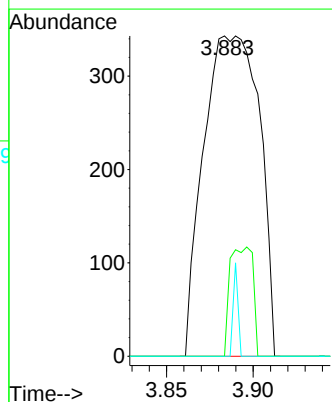
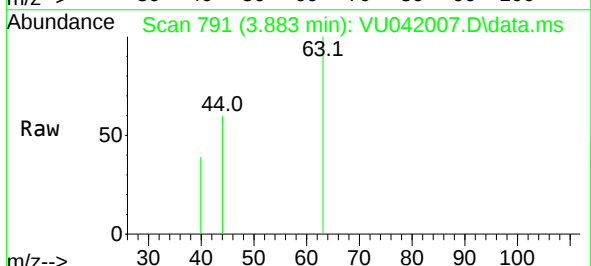
Instrument :
MSVOA_U
ClientSampled :

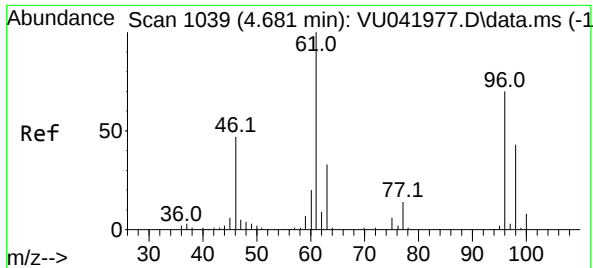
Tgt Ion: 43 Resp: 3960
Ion Ratio Lower Upper
43 100
58 18.3 0.0 57.4



#19
1,1-Dichloroethane
Concen: 0.04 ug/L
RT: 3.883 min Scan# 791
Delta R.T. -0.003 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

Tgt Ion: 63 Resp: 769
Ion Ratio Lower Upper
63 100
65 0.0 22.7 42.1#
83 0.0 9.4 17.6#





#22

cis-1,2-Dichloroethene

Concen: 0.50 ug/L

RT: 4.681 min Scan# 1039

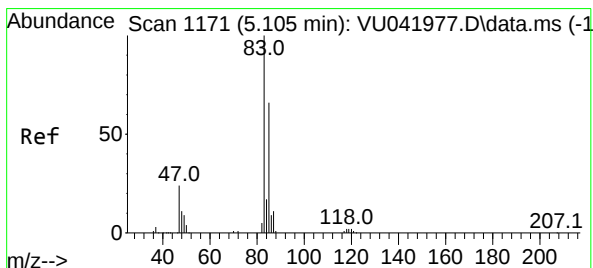
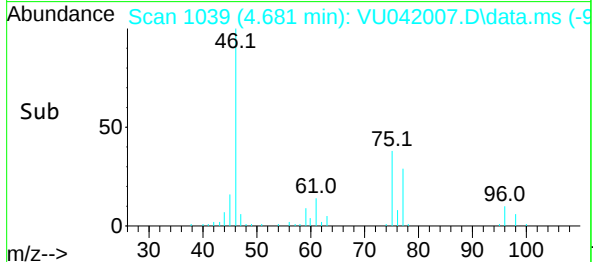
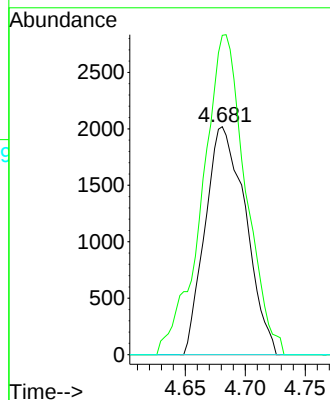
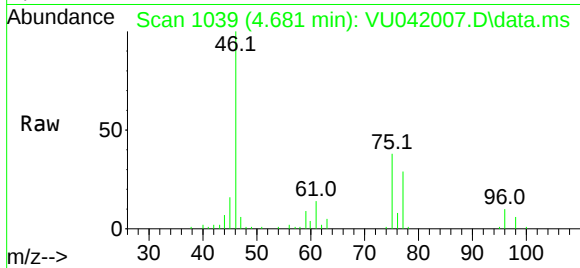
Delta R.T. -0.000 min

Lab File: VU042007.D

Acq: 14 Jan 2021 02:16

Tgt Ion: 96 Resp: 4741

Ion	Ratio	Lower	Upper
96	100		
61	140.1	100.3	186.3
68	0.0	0.0	0.0



#25

Chloroform

Concen: 0.15 ug/L

RT: 5.105 min Scan# 1171

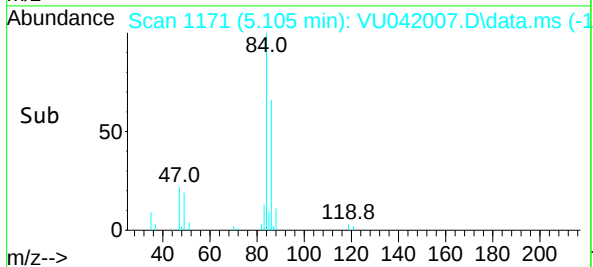
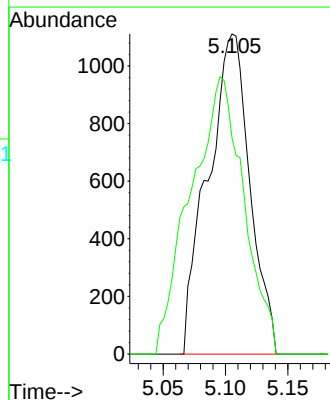
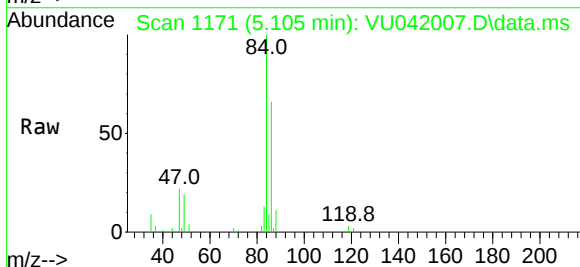
Delta R.T. -0.000 min

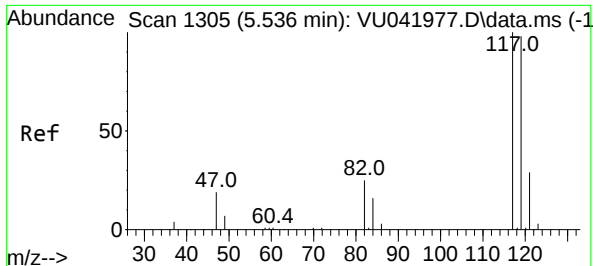
Lab File: VU042007.D

Acq: 14 Jan 2021 02:16

Tgt Ion: 83 Resp: 2606

Ion	Ratio	Lower	Upper
83	100		
85	67.5	46.1	85.7

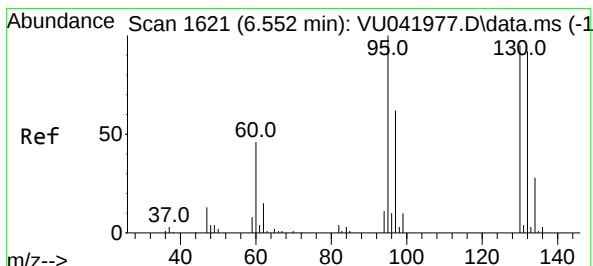
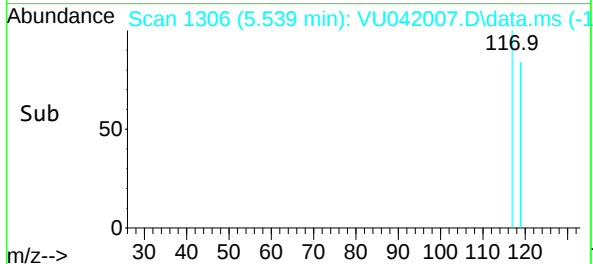
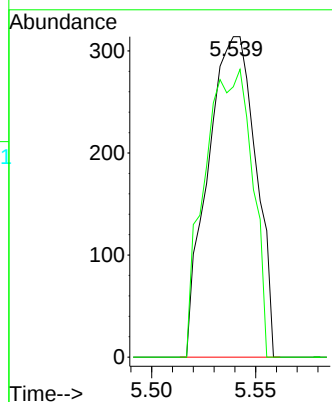
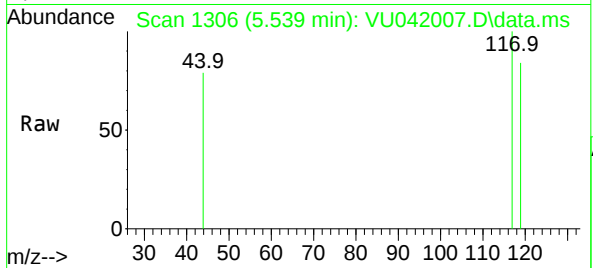




#31
Carbon tetrachloride
Concen: 0.04 ug/L
RT: 5.539 min Scan# 1306
Delta R.T. 0.003 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

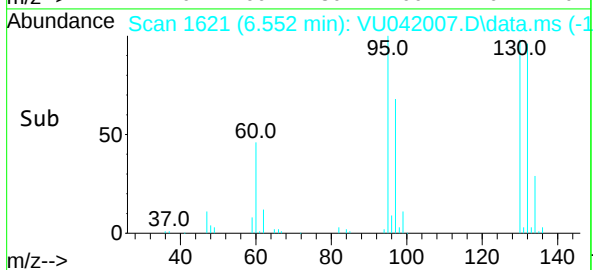
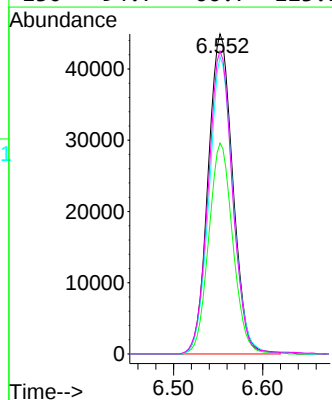
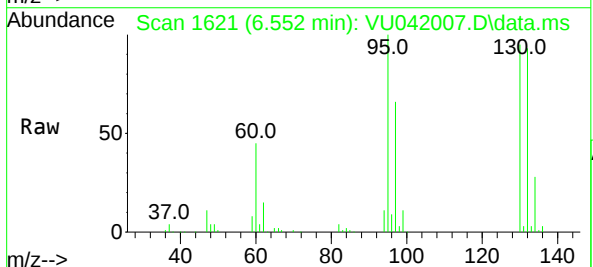
Instrument :
MSVOA_U
ClientSampled :

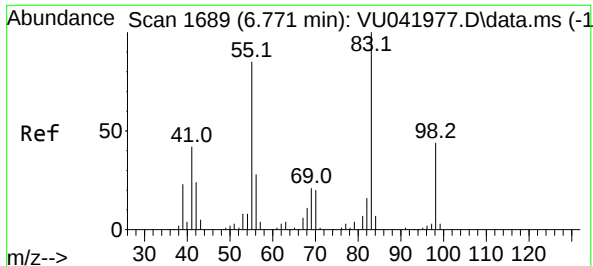
Tgt Ion:117 Resp: 503
Ion Ratio Lower Upper
117 100
119 88.9 76.6 114.8



#34
Trichloroethene
Concen: 9.44 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

Tgt Ion: 95 Resp: 86221
Ion Ratio Lower Upper
95 100
97 65.9 43.6 81.0
132 92.8 64.3 119.3
130 94.7 66.7 123.9





#35

Methylcyclohexane

Concen: 0.86 ug/L

RT: 6.700 min Scan# 1667

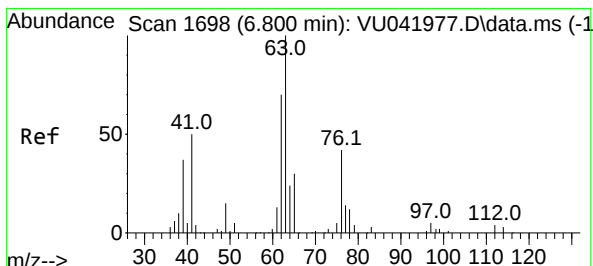
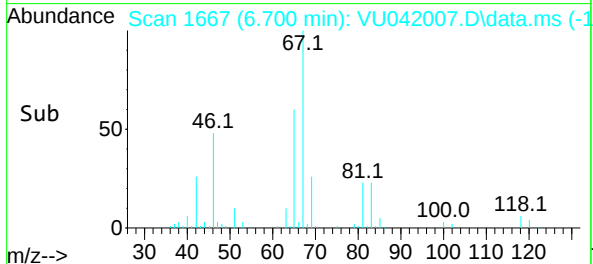
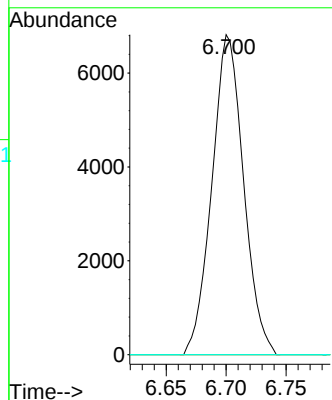
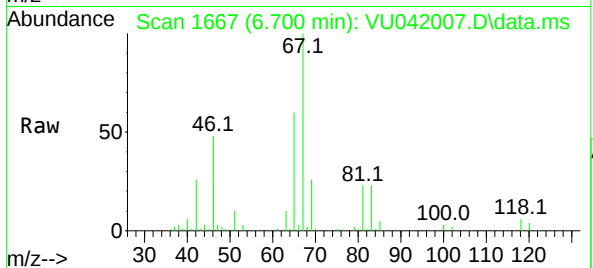
Delta R.T. -0.071 min

Lab File: VU042007.D

Acq: 14 Jan 2021 02:16

Tgt Ion:	83	Resp:	12516
Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.8	100.2#
98	0.0	35.7	53.5#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.59 ug/L

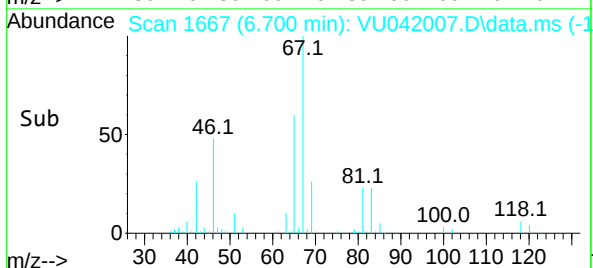
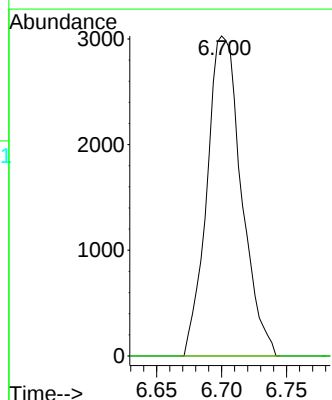
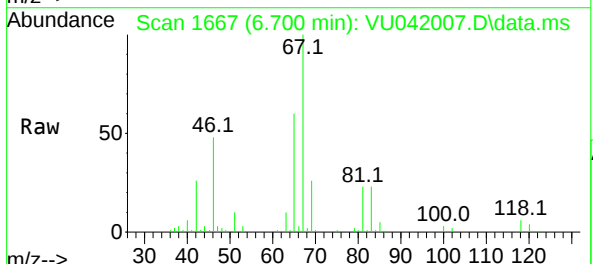
RT: 6.700 min Scan# 1667

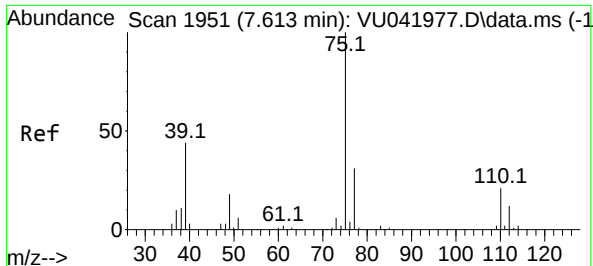
Delta R.T. -0.100 min

Lab File: VU042007.D

Acq: 14 Jan 2021 02:16

Tgt Ion:	63	Resp:	5597
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#



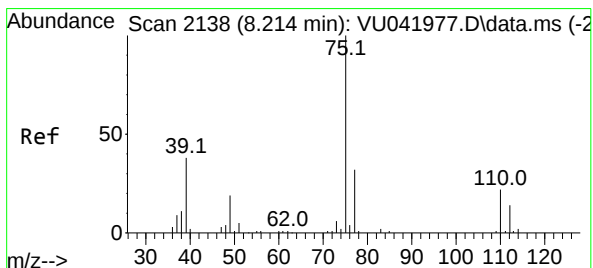
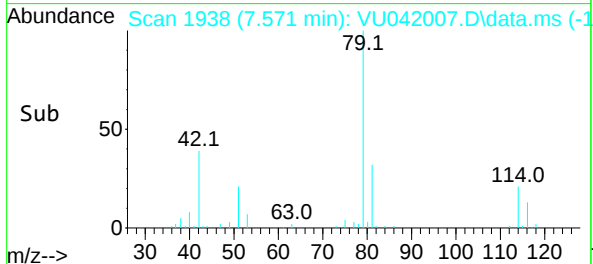
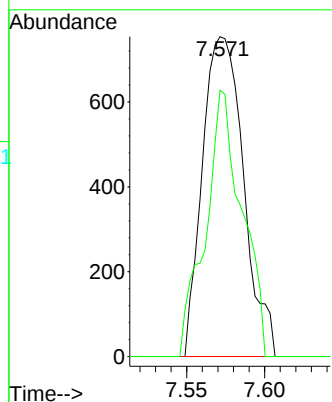
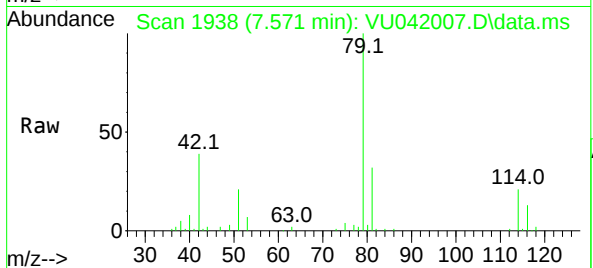


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

Instrument :
MSVOA_U
ClientSampled :

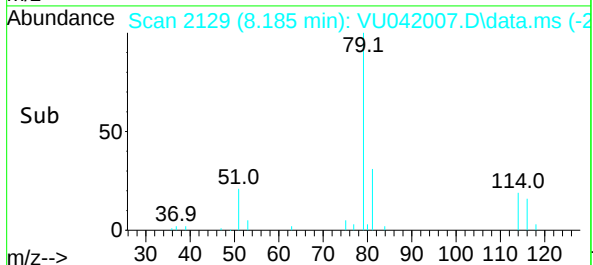
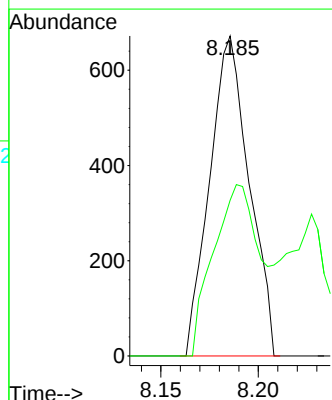
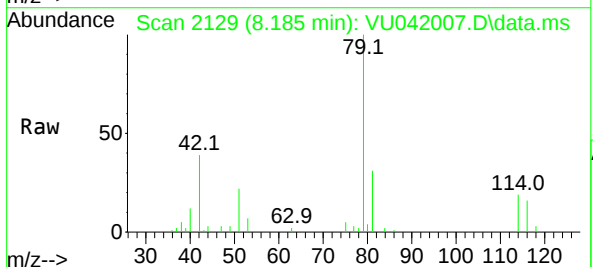
Tgt Ion: 75 Resp: 1384
Ion Ratio Lower Upper
75 100
77 83.3 21.9 40.7#

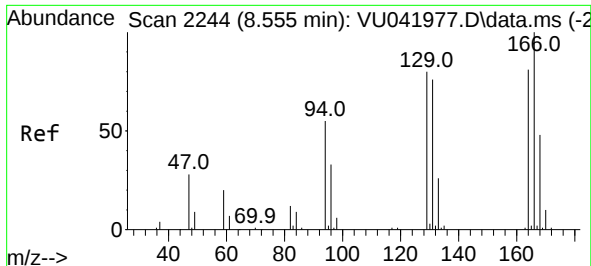


#44

trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

Tgt Ion: 75 Resp: 945
Ion Ratio Lower Upper
75 100
77 48.7 22.0 41.0#

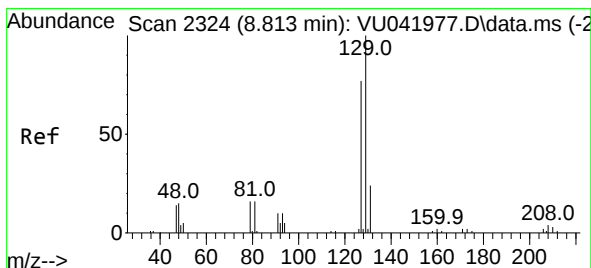
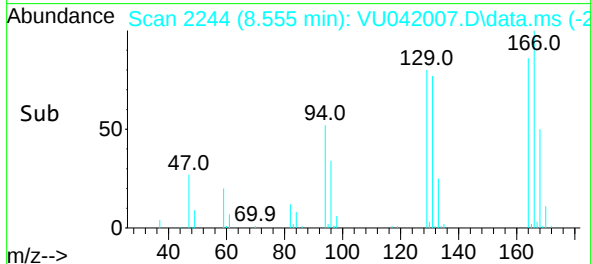
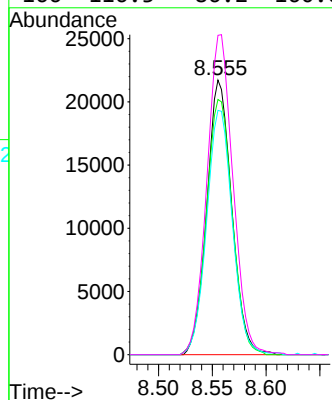
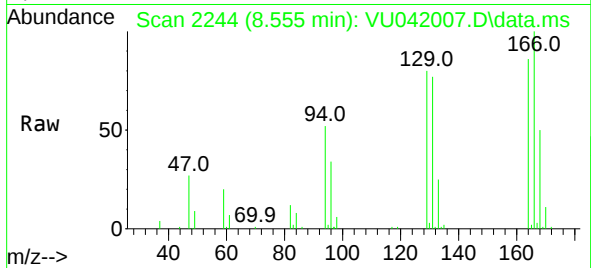




#47
Tetrachloroethene
Concen: 5.92 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

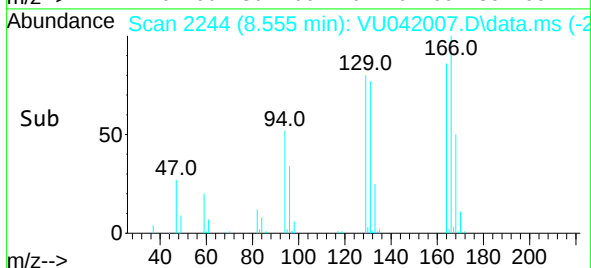
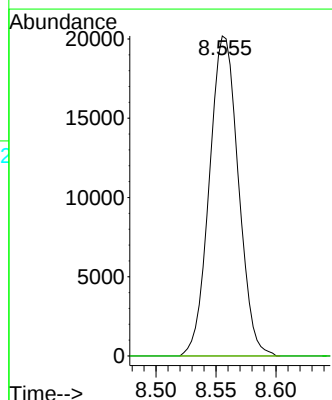
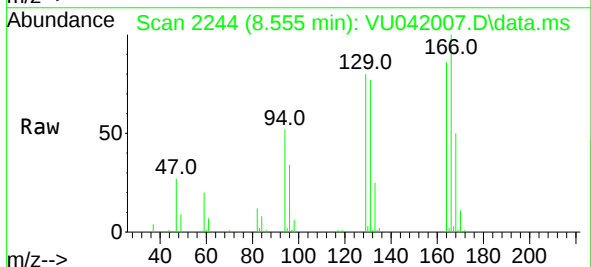
Instrument :
MSVOA_U
ClientSampleId :

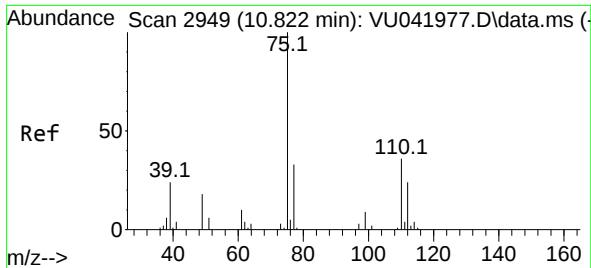
Tgt Ion:164 Resp: 35033
Ion Ratio Lower Upper
164 100
129 92.9 68.7 127.5
131 89.0 65.2 121.0
166 116.3 86.2 160.0



#49
Dibromochloromethane
Concen: 4.64 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

Tgt Ion:129 Resp: 33922
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.74 ug/L
 RT: 11.806 min Scan# 3255
 Delta R.T. 0.984 min
 Lab File: VU042007.D
 Acq: 14 Jan 2021 02:16

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 4632
 Ion Ratio Lower Upper
 75 100
 77 34.2 25.6 38.4

