

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110420\
 Data File : VU041098.D
 Acq On : 04 Nov 2020 13:04
 Operator : SY/MD
 Sample : L4575-01DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 05 00:51:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 05 00:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	48120	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	49148	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21074	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14711	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.92	69	12521	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.60%
11) 1,1-Dichloroethene-d2	2.58	63	21388	2.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.00%#
20) 2-Butanone-d5	4.65	46	74909	56.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.54%
24) Chloroform-d	5.08	84	32979	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.72	65	21018	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.74	84	56038	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.70	67	20802	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.91	98	44162	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	8.19	79	8385	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.64	63	51549	51.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.22%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	19843	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	18197	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	2.15	101	18290	2.978 ug/L	98
16) Methylene chloride	3.06	84	687	0.173 ug/L	96
25) Chloroform	5.10	83	706	0.102 ug/L	89
27) 1,2-Dichloroethane	5.74	62	214	0.041 ug/L #	74
31) Carbon tetrachloride	5.54	117	248	0.047 ug/L #	67
33) Benzene	5.74	78	382	0.026 ug/L	100
35) Methylcyclohexane	6.70	83	4543	0.815 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	2522	0.635 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	563	0.103 ug/L #	75
44) trans-1,3-Dichloropropene	8.19	75	421	0.082 ug/L	99
45) 1,1,2-Trichloroethane	8.55	97	159	0.054 ug/L #	21
47) Tetrachloroethene	8.56	164	27675	10.071 ug/L	97
48) 2-Hexanone	8.64	43	7493	3.141 ug/L #	71
49) Dibromochloromethane	8.56	129	28097	8.179 ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	3186	1.076 ug/L	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110420\
Data File : VU041098.D
Acq On : 04 Nov 2020 13:04
Operator : SY/MD
Sample : L4575-01DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 05 00:51:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 05 00:43:32 2020
Response via : Initial Calibration

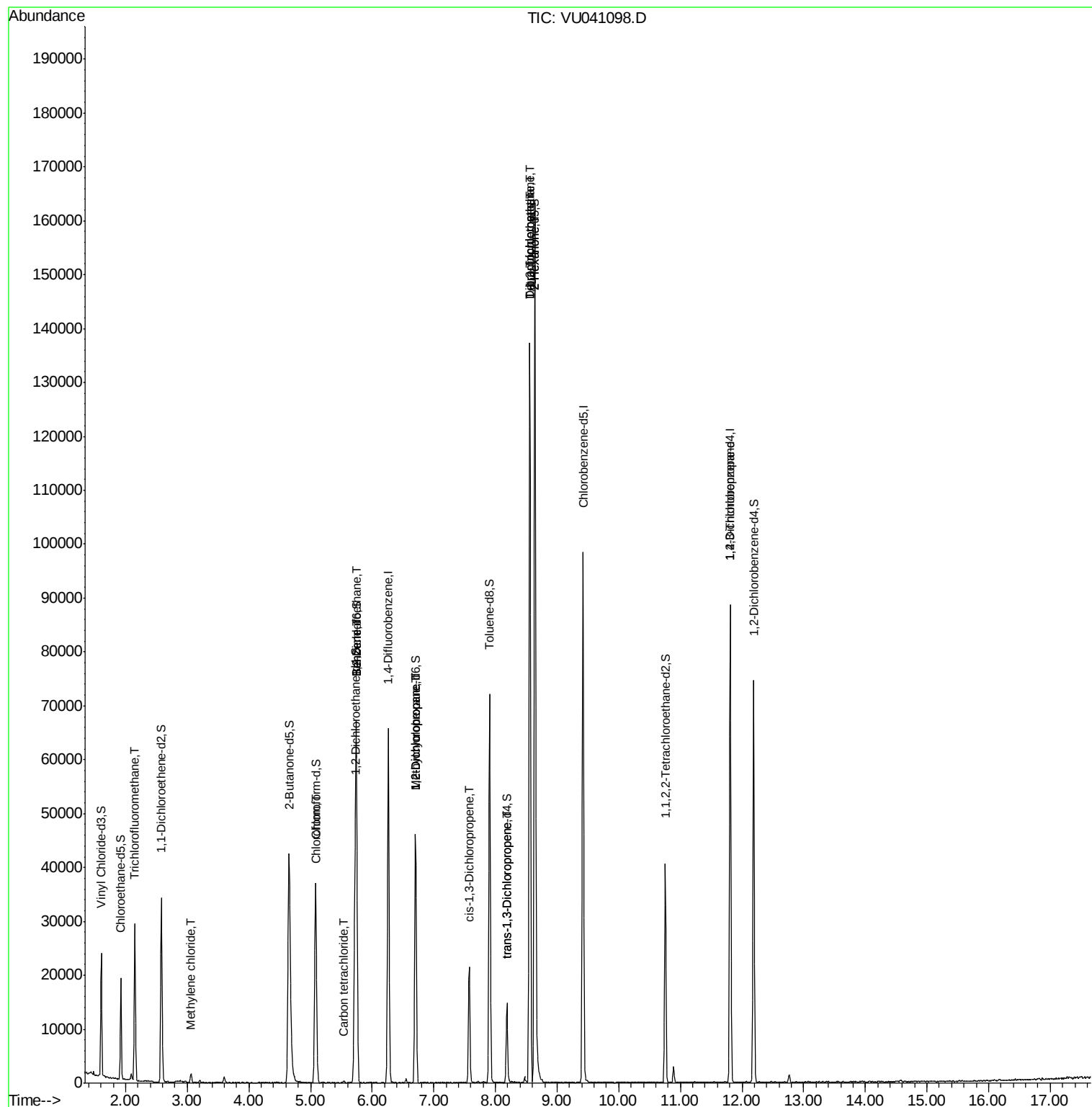
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

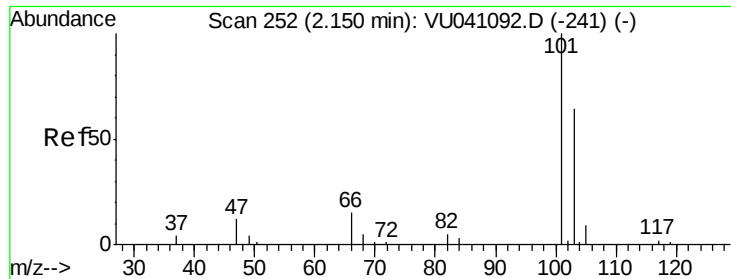
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110420\
Data File : VU041098.D
Acq On : 04 Nov 2020 13:04
Operator : SY/MD
Sample : L4575-01DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 05 00:51:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 05 00:43:32 2020
Response via : Initial Calibration



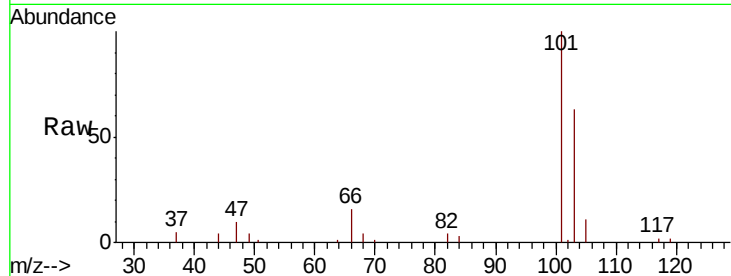


#9

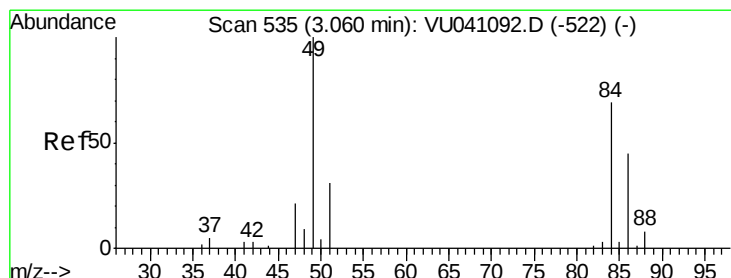
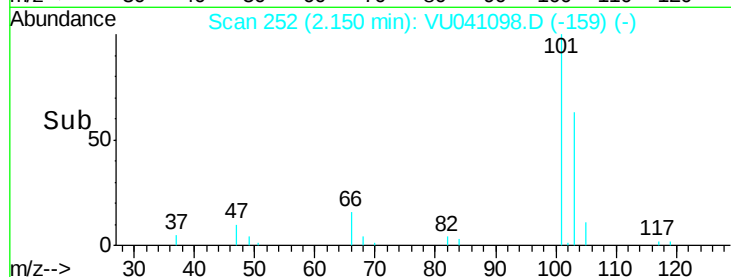
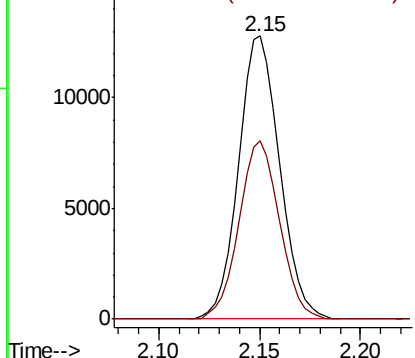
Trichlorofluoromethane
Concen: 2.978 ug/L
RT: 2.15 min Scan# 252
Delta R.T. -0.00 min
Lab File: VU041098.D
Acq: 04 Nov 2020 13:04

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:101 Resp: 18290
Ion Ratio Lower Upper
101 100
103 61.9 51.0 76.4



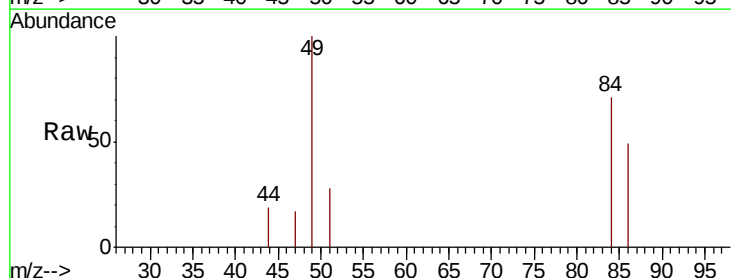
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



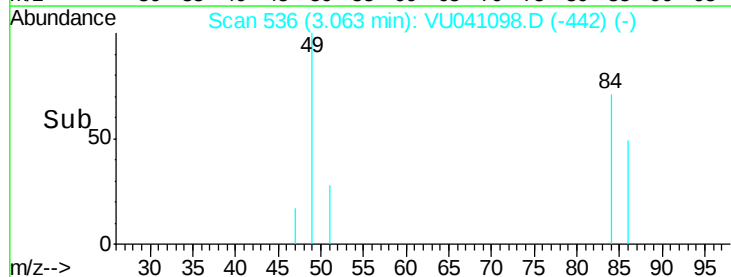
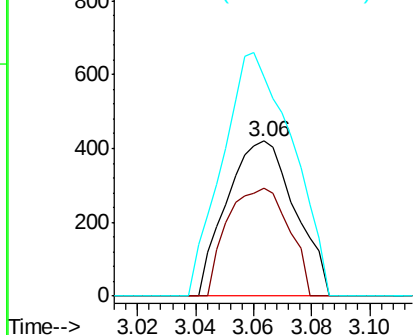
#16

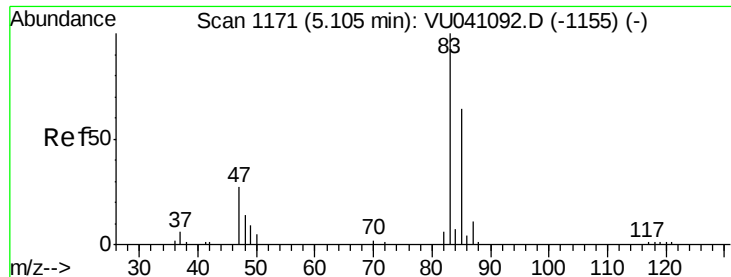
Methylene chloride
Concen: 0.173 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU041098.D
Acq: 04 Nov 2020 13:04

Tgt Ion: 84 Resp: 687
Ion Ratio Lower Upper
84 100
86 69.8 42.8 79.6
49 141.2 99.5 184.7



Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

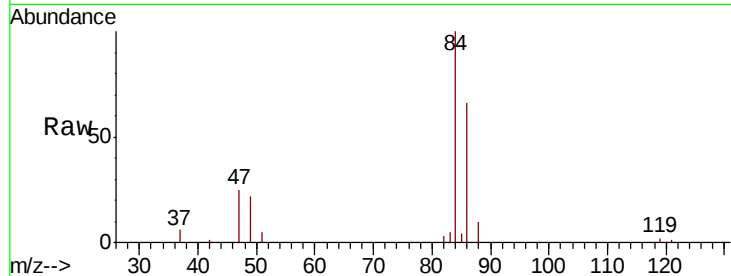




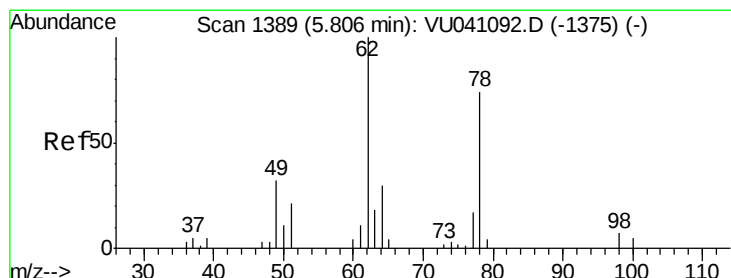
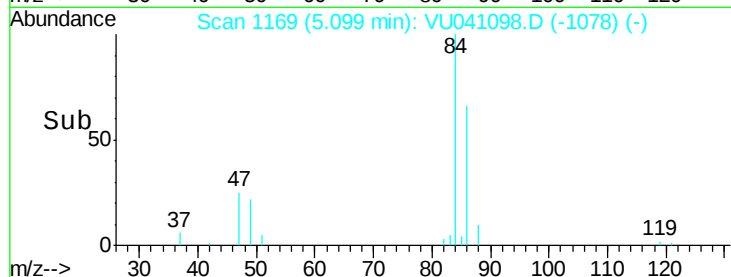
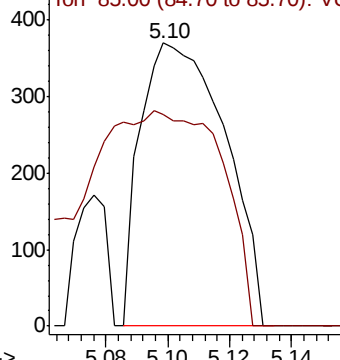
#25
Chloroform
Concen: 0.102 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.01 min
Lab File: VU041098.D
Acq: 04 Nov 2020 13:04

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 706
Ion Ratio Lower Upper
83 100
85 74.6 46.1 85.7

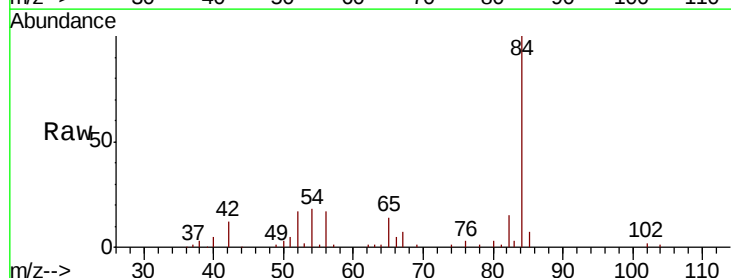


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

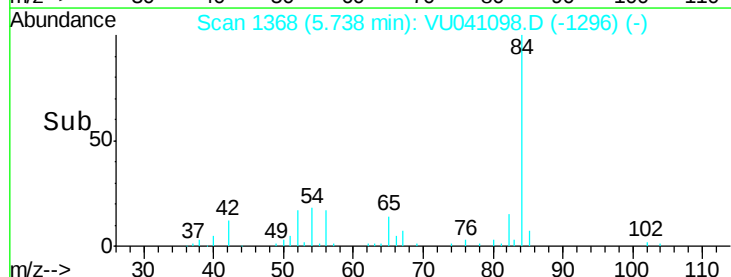
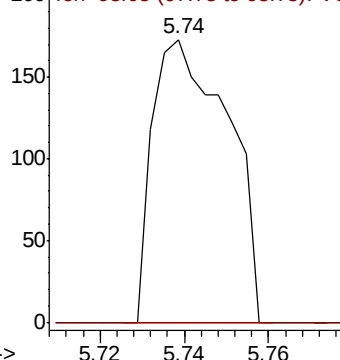


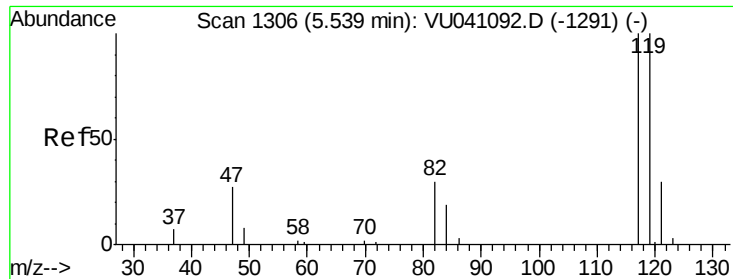
#27
1,2-Dichloroethane
Concen: 0.041 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041098.D
Acq: 04 Nov 2020 13:04

Tgt Ion: 62 Resp: 214
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0



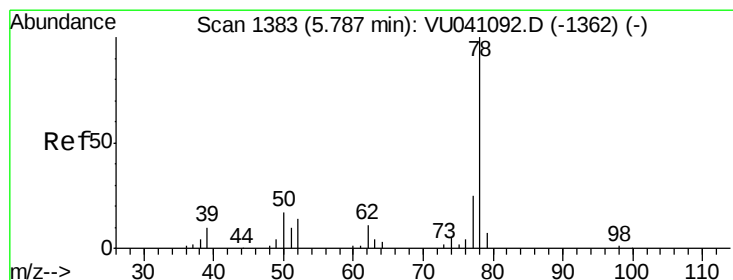
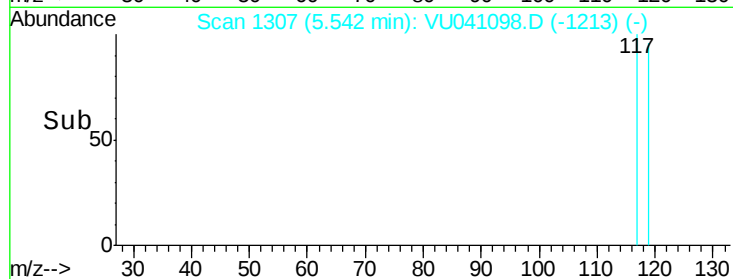
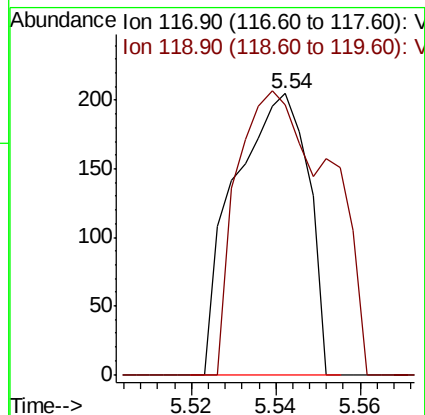
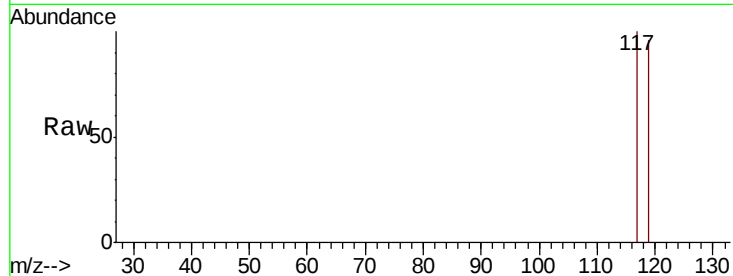


#31

Carbon tetrachloride
Concen: 0.047 ug/L
RT: 5.54 min Scan# 1307
Delta R.T. 0.00 min
Lab File: VU041098.D
Acq: 04 Nov 2020 13:04

Instrument :
MSVOA_U
ClientSampleId :

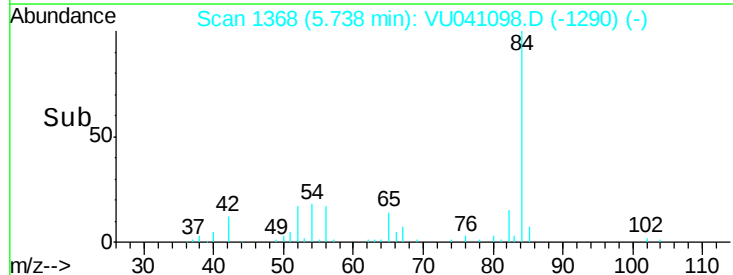
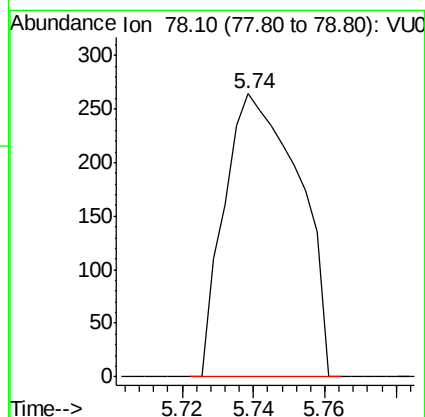
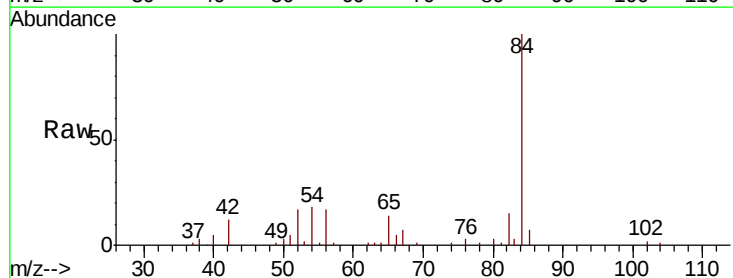
Tot Ion:117 Resp: 248
Ion Ratio Lower Upper
117 100
119 127.0 76.1 114.1#

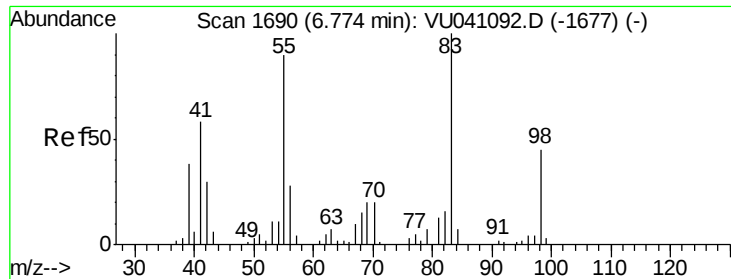


#33

Benzene
Concen: 0.026 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VU041098.D
Acq: 04 Nov 2020 13:04

Tgt Ion: 78 Resp: 382

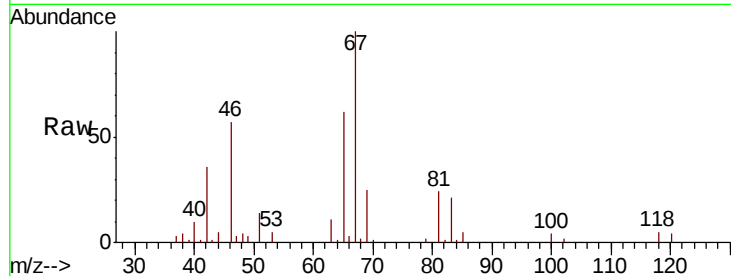




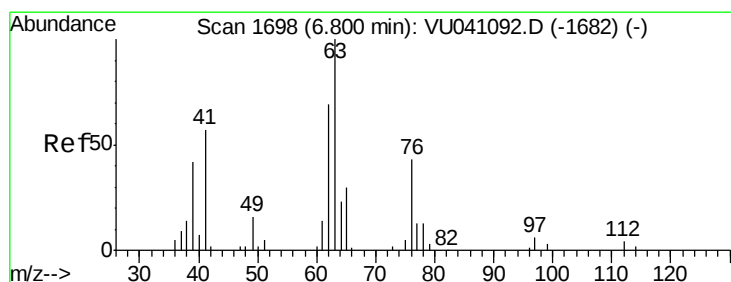
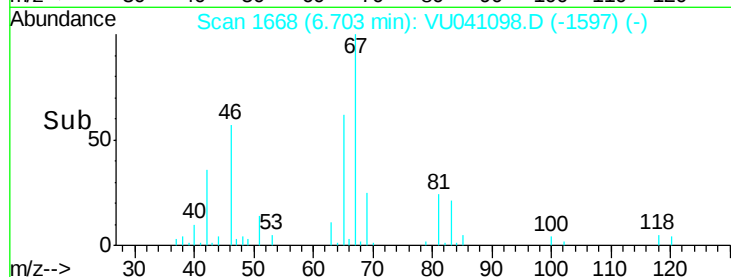
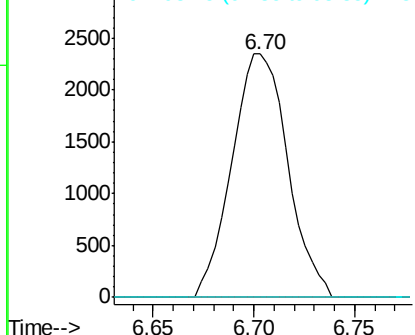
#35
Methvlcvclohexane
Concen: 0.815 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041098.D
Acq: 04 Nov 2020 13:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 4543
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.9 36.6 55.0#

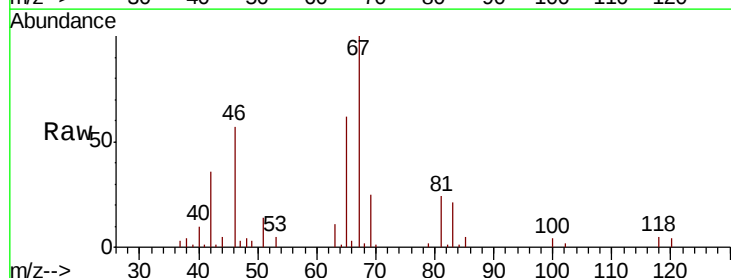


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

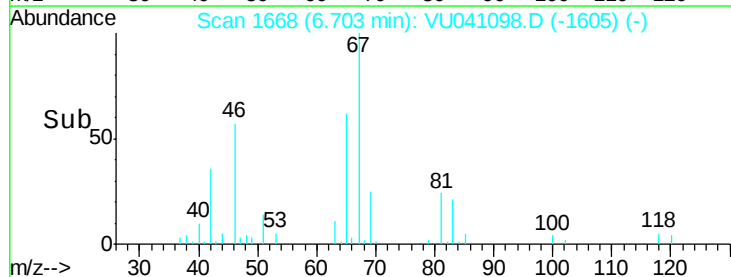
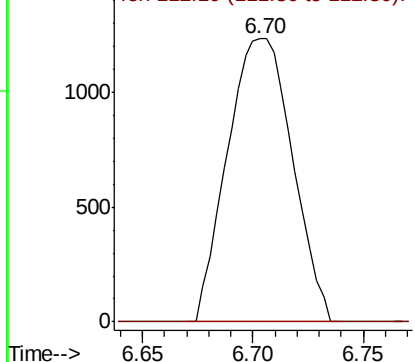


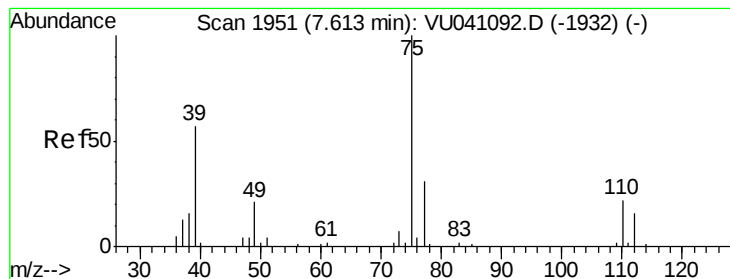
#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041098.D
Acq: 04 Nov 2020 13:04

Tgt Ion: 63 Resp: 2522
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



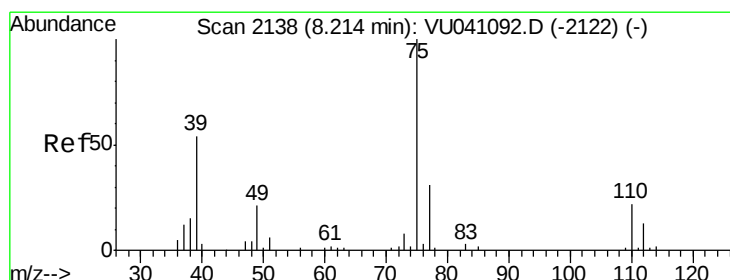
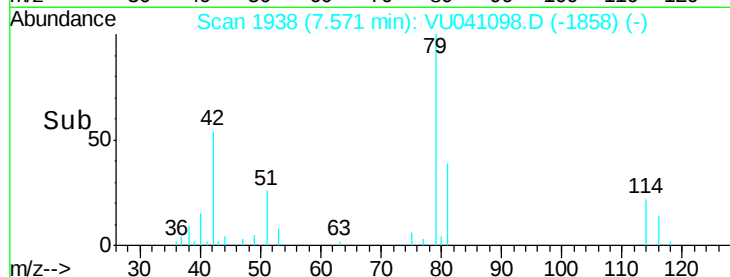
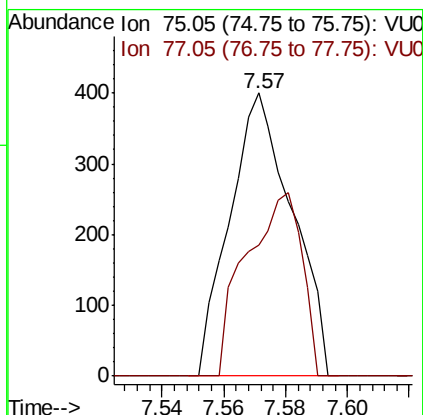
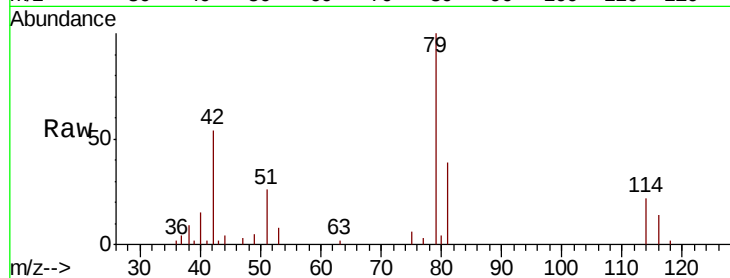


#39

cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041098.D
Acq: 04 Nov 2020 13:04

Instrument :
MSVOA_U
ClientSampled :

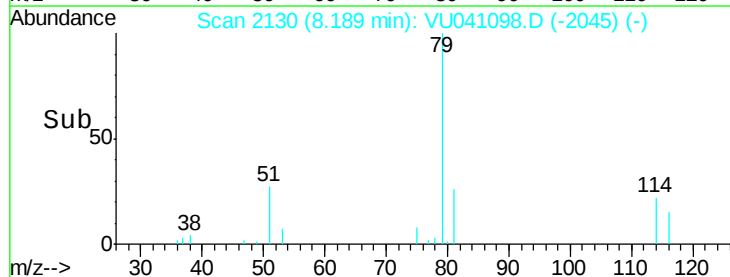
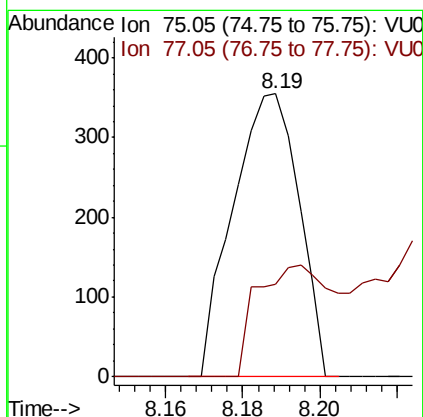
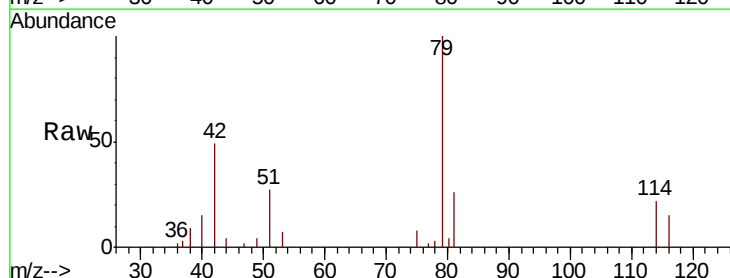
Tot Ion: 75 Resp: 563
Ion Ratio Lower Upper
75 100
77 46.5 22.7 42.3#

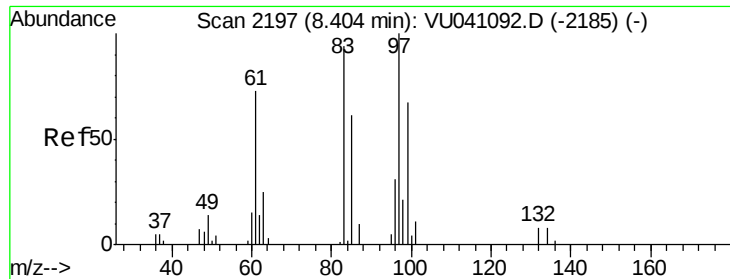


#44

trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU041098.D
Acq: 04 Nov 2020 13:04

Tgt Ion: 75 Resp: 421
Ion Ratio Lower Upper
75 100
77 32.7 23.3 43.3

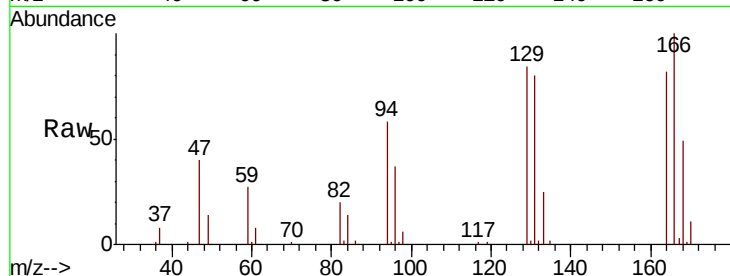




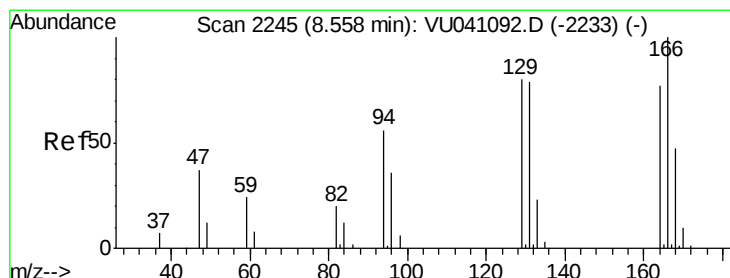
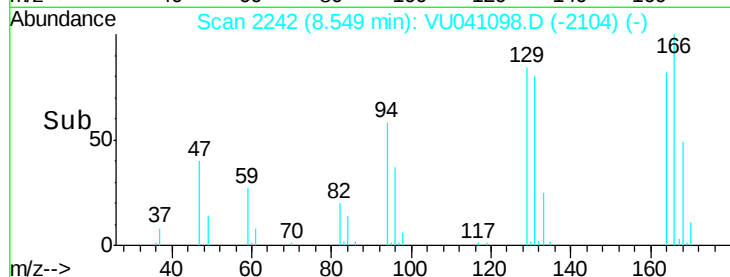
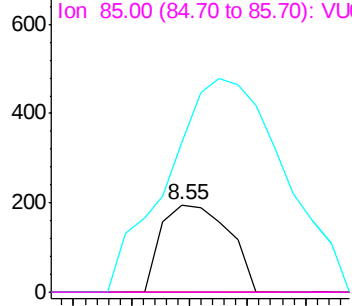
#45
 1,1,2-Trichloroethane
 Concen: 0.054 ug/L
 RT: 8.55 min Scan# 2242
 Delta R.T. 0.14 min
 Lab File: VU041098.D
 Acq: 04 Nov 2020 13:04

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	97	Resp:	159
Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.8	85.2#
83	171.4	67.9	126.1#
85	0.0	42.8	79.6#

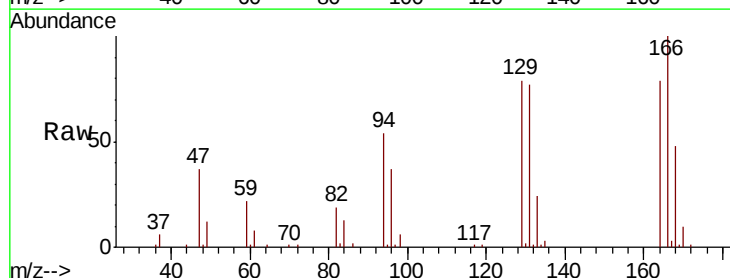


Abundance Ion 96.95 (96.65 to 97.65): VU041098.D (-2185) (-)
 Ion 99.05 (98.75 to 99.75): VU041098.D (-2185) (-)
 Ion 82.95 (82.65 to 83.65): VU041098.D (-2185) (-)
 Ion 85.00 (84.70 to 85.70): VU041098.D (-2185) (-)

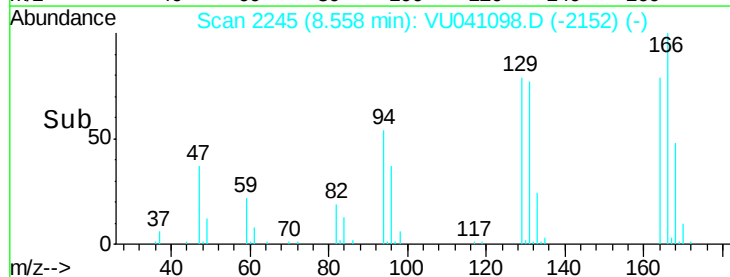
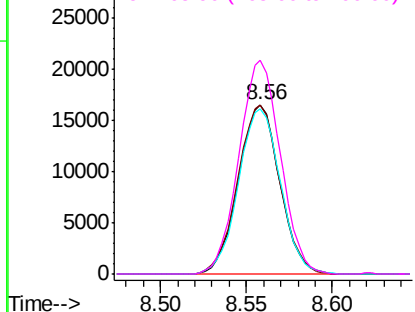


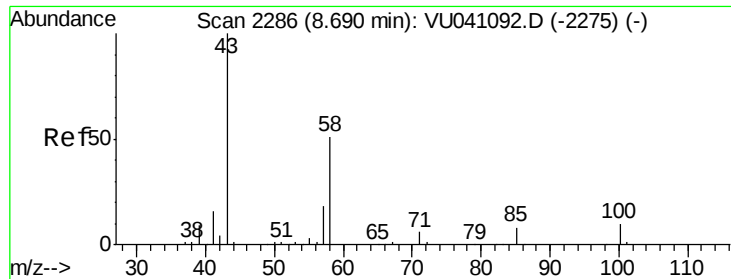
#47
 Tetrachloroethene
 Concen: 10.071 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VU041098.D
 Acq: 04 Nov 2020 13:04

Tgt Ion:	164	Resp:	27675
Ion	Ratio	Lower	Upper
164	100		
129	100.1	70.3	130.7
131	97.7	70.8	131.4
166	126.4	92.0	170.8



Abundance Ion 163.90 (163.60 to 164.60): VU041098.D (-2233) (-)
 Ion 128.95 (128.65 to 129.65): VU041098.D (-2233) (-)
 Ion 130.95 (130.65 to 131.65): VU041098.D (-2233) (-)
 Ion 165.90 (165.60 to 166.60): VU041098.D (-2233) (-)

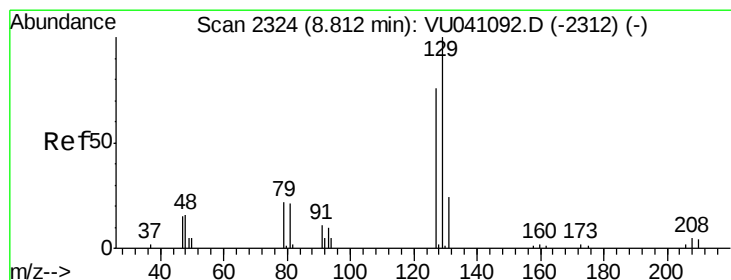
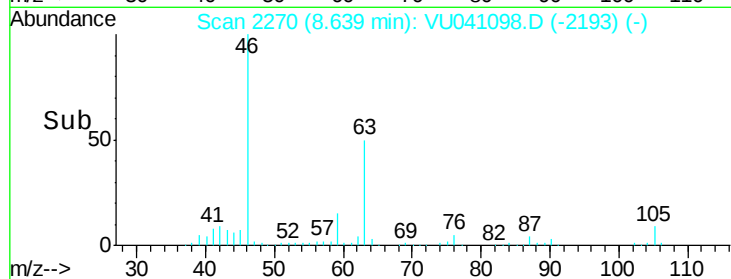
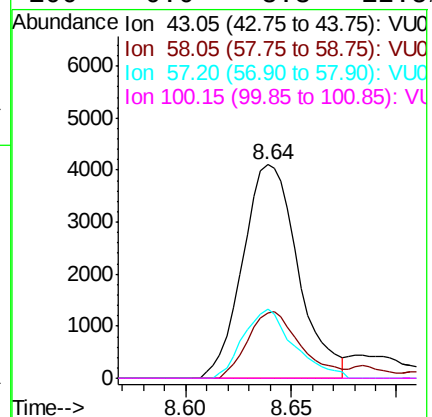
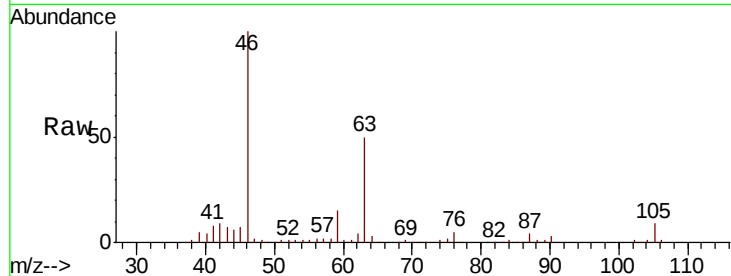




#48
2-Hexanone
Concen: 3.141 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041098.D
Acq: 04 Nov 2020 13:04

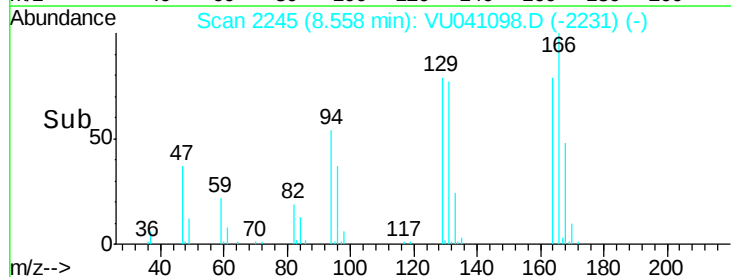
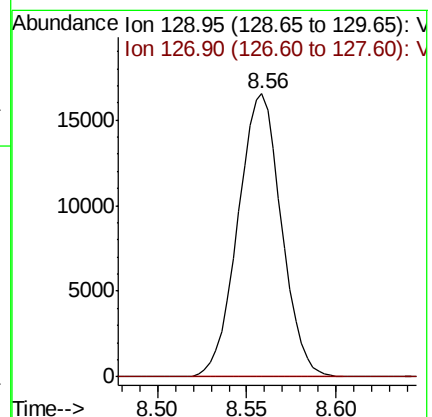
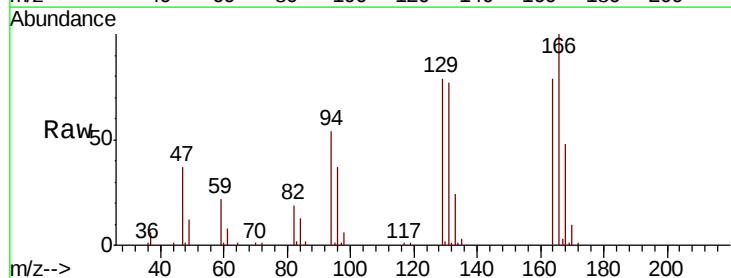
Instrument :
MSVOA_U
ClientSampleId :

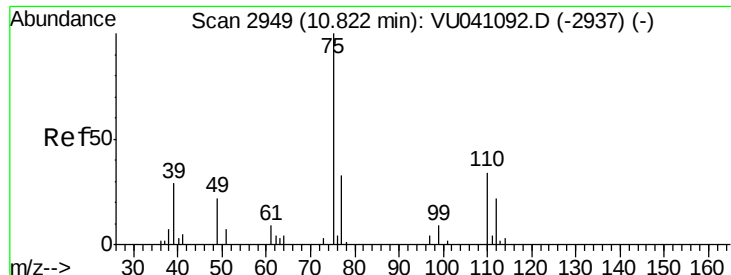
Tot Ion: 43 Resp: 7493
Ion Ratio Lower Upper
43 100
58 30.2 41.4 62.2#
57 29.5 14.6 21.8#
100 0.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 8.179 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU041098.D
Acq: 04 Nov 2020 13:04

Tgt Ion: 129 Resp: 28097
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#





#59

1,2,3-Trichloropropane

Concen: 1.076 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041098.D

Acq: 04 Nov 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 3186

Ion Ratio Lower Upper

75 100

77 36.5 25.7 38.5

