

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121420\
 Data File : VU041618.D
 Acq On : 14 Dec 2020 18:14
 Operator : SY/MD
 Sample : L5027-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 00:49:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 15 00:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121186	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113611	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54757	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30578	3.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.60%
7) Chloroethane-d5	1.92	69	31746	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.58	63	52250	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	4.66	46	151453	55.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.30%
24) Chloroform-d	5.08	84	78168	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.72	65	48324	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.74	84	153579	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.70	67	51286	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.91	98	132021	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.19	79	20341	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.64	63	119944	47.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.68%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51197	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	54805	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

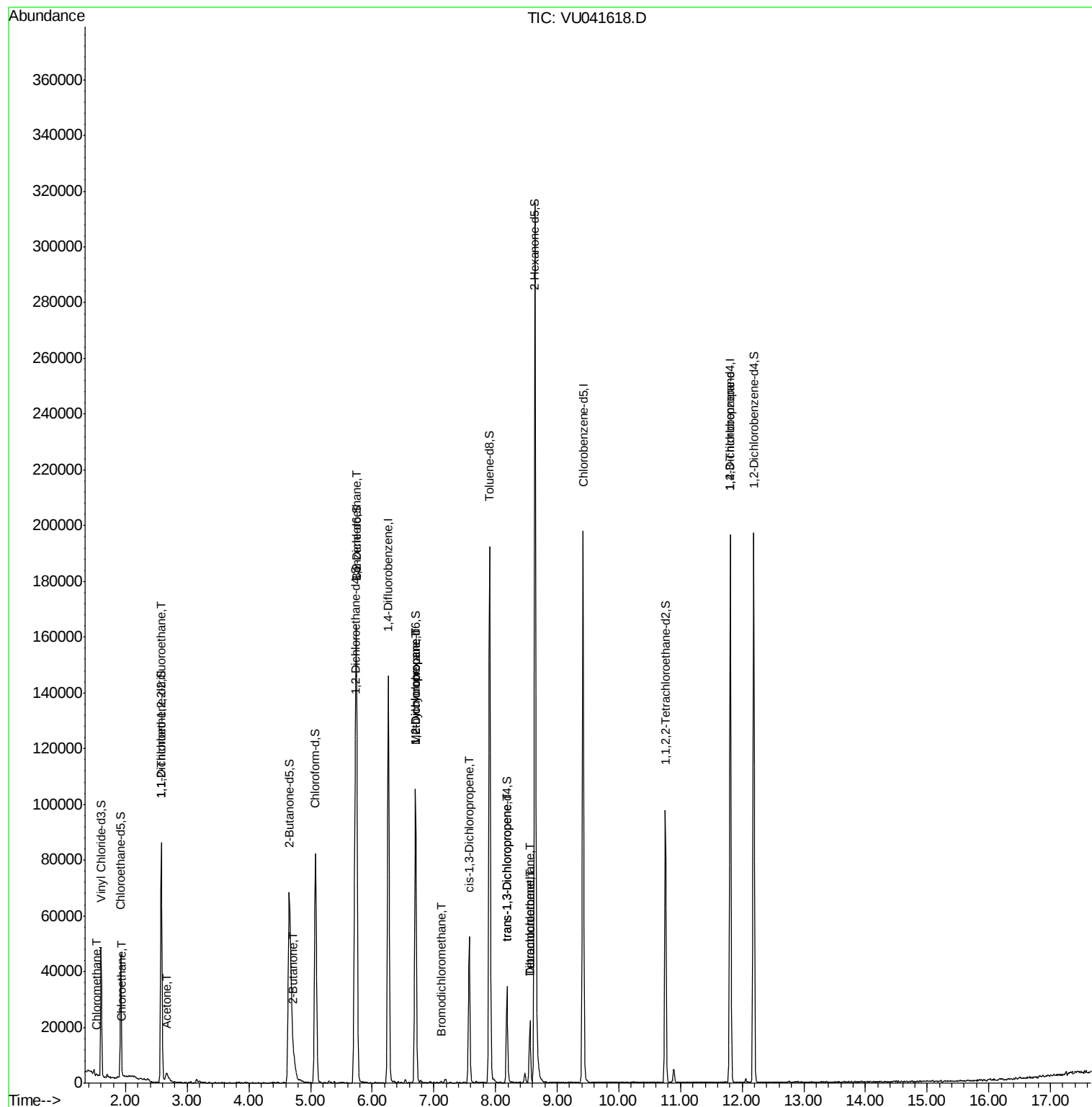
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	433	0.043	ug/L	97
8) Chloroethane	1.95	64	378	0.051	ug/L #	69
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	426	0.051	ug/L #	22
13) Acetone	2.66	43	7151	4.131	ug/L	63
21) 2-Butanone	4.73	43	4918	1.744	ug/L	80
27) 1,2-Dichloroethane	5.75	62	794	0.073	ug/L #	73
35) Methylcyclohexane	6.70	83	12622	0.855	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5291	0.569	ug/L #	88
38) Bromodichloromethane	7.11	83	428	0.037	ug/L #	81
39) cis-1,3-Dichloropropene	7.57	75	1197	0.087	ug/L #	50
44) trans-1,3-Dichloropropene	8.19	75	816	0.066	ug/L	96
47) Tetrachloroethene	8.56	164	4843	0.758	ug/L	87
49) Dibromochloromethane	8.56	129	4816	0.610	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	5779	0.828	ug/L	98

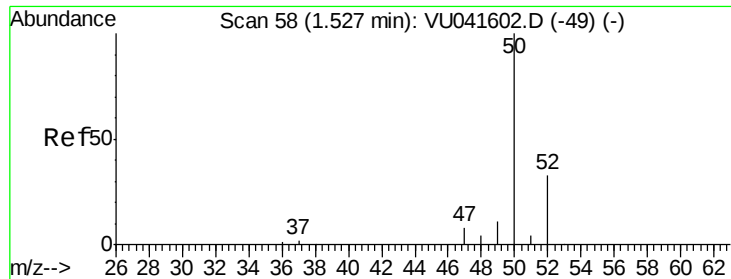
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121420\
Data File : VU041618.D
Acq On : 14 Dec 2020 18:14
Operator : SY/MD
Sample : L5027-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 15 00:49:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.043 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041618.D

Acq: 14 Dec 2020 18:14

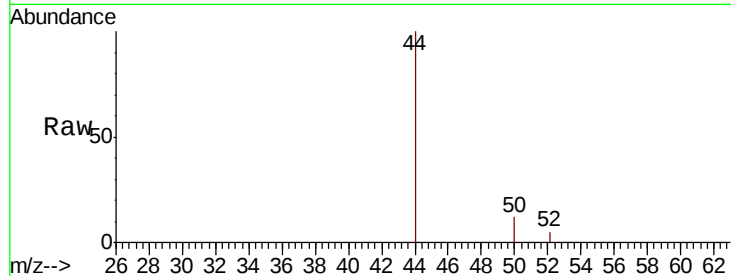
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 433

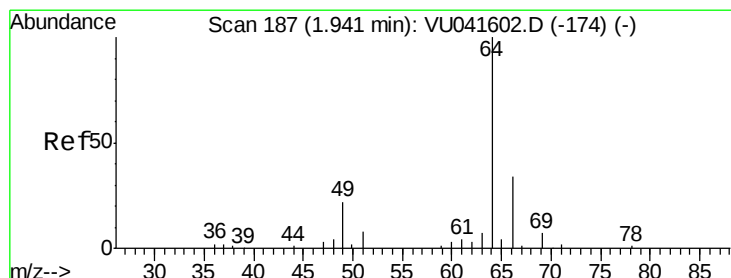
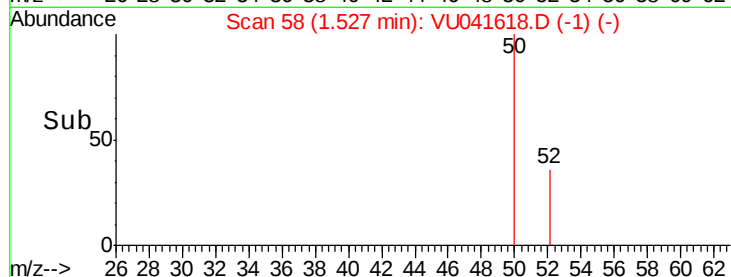
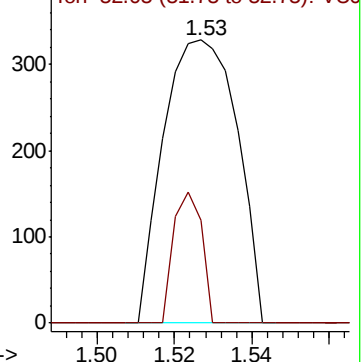
Ion Ratio Lower Upper

50 100

52 36.3 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU041618.D (-1) (-)



#8

Chloroethane

Concen: 0.051 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.01 min

Lab File: VU041618.D

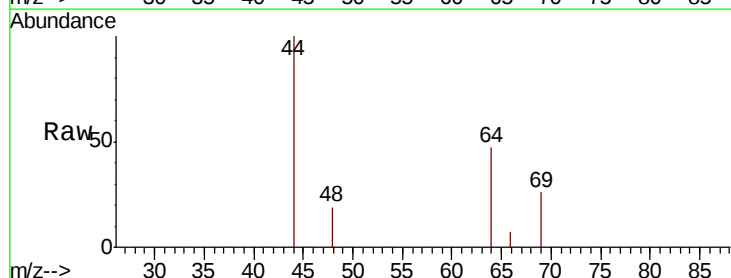
Acq: 14 Dec 2020 18:14

Tgt Ion: 64 Resp: 378

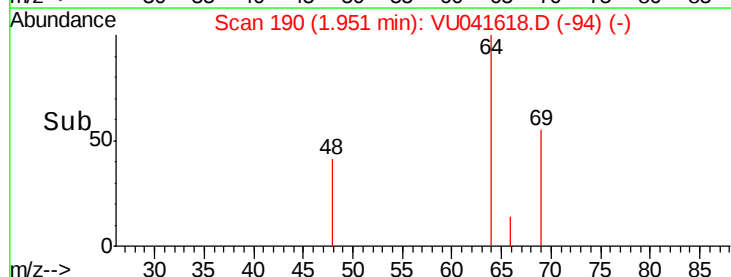
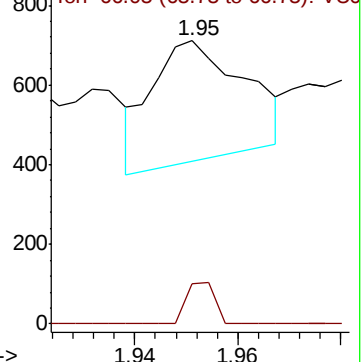
Ion Ratio Lower Upper

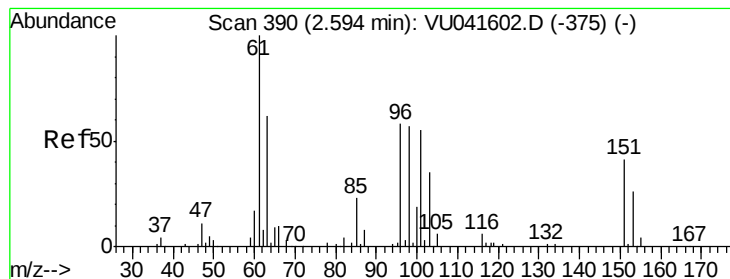
64 100

66 14.1 21.6 40.0#



Abundance Ion 64.10 (63.80 to 64.80): VU041618.D (-94) (-)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.051 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041618.D

Acq: 14 Dec 2020 18:14

Instrument :

MSVOA_U

ClientSampleId :

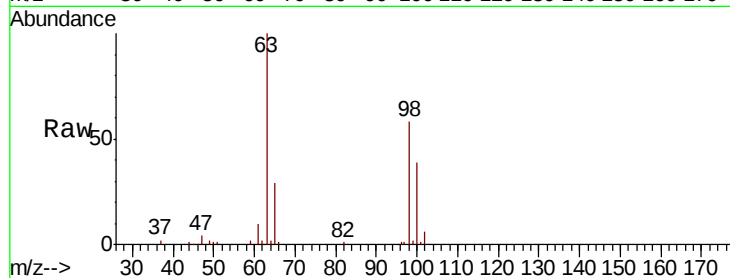
Tot Ion:101 Resp: 426

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

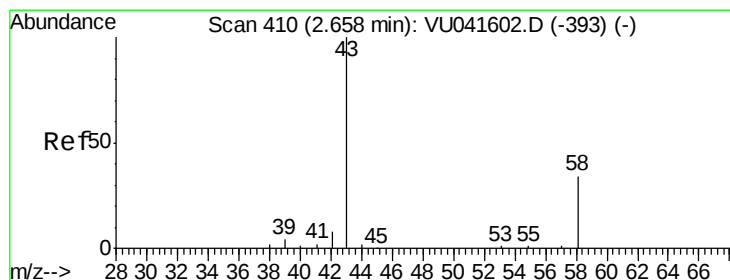
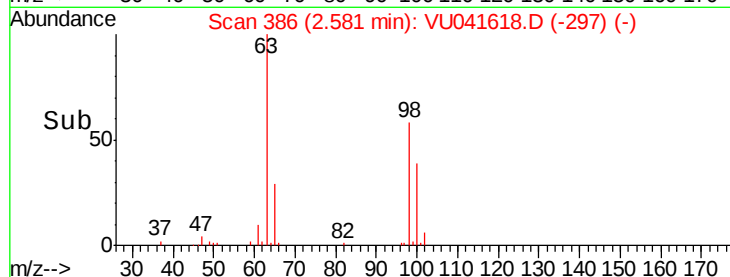
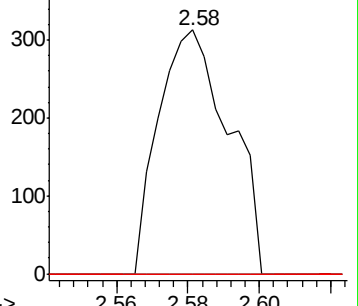
151 0.0 56.2 84.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 4.131 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU041618.D

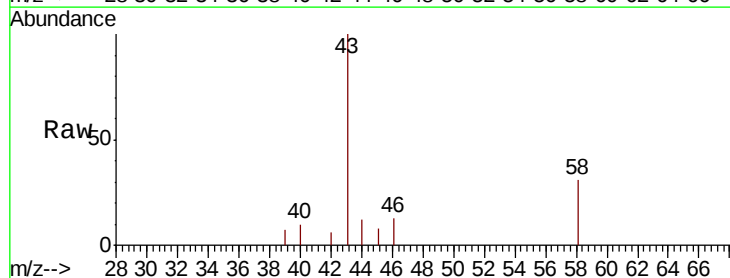
Acq: 14 Dec 2020 18:14

Tgt Ion: 43 Resp: 7151

Ion Ratio Lower Upper

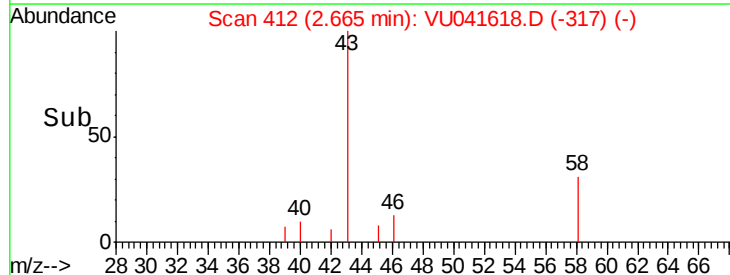
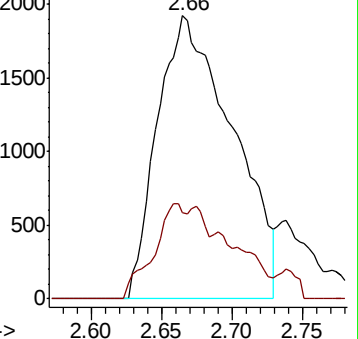
43 100

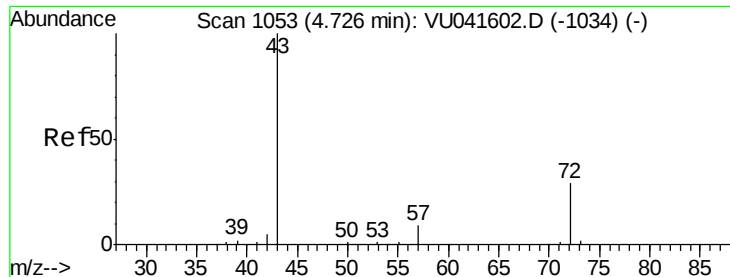
58 14.7 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#21

2-Butanone

Concen: 1.744 ug/L

RT: 4.73 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VU041618.D

Acq: 14 Dec 2020 18:14

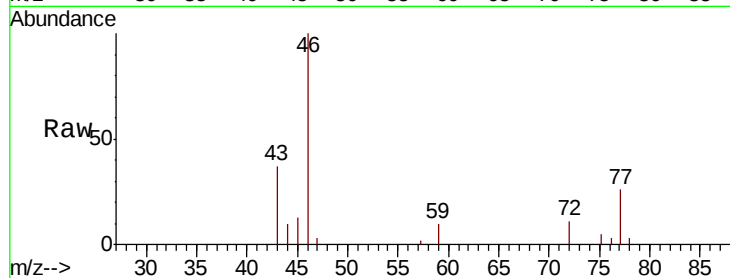
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 4918

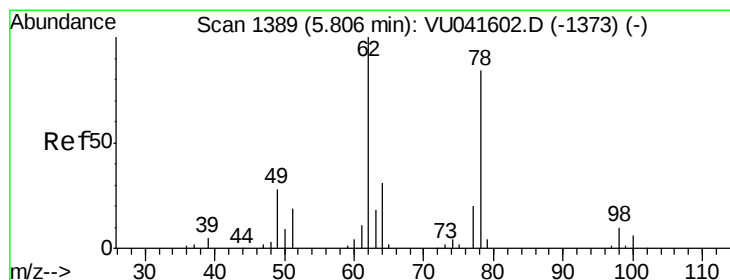
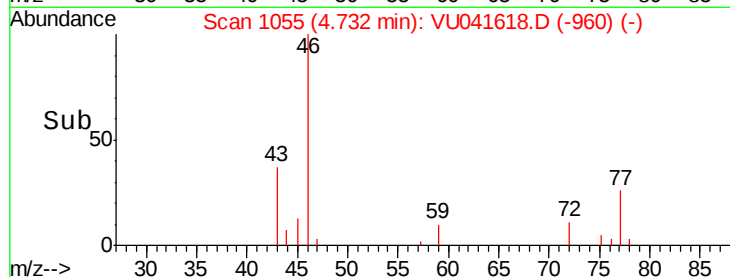
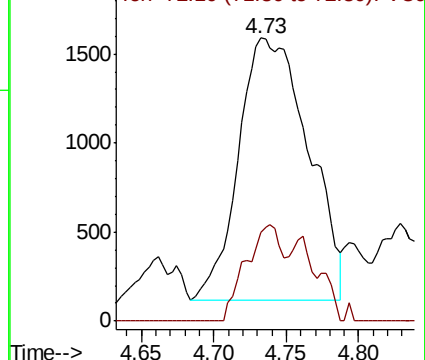
Ion Ratio Lower Upper

43 100

72 18.7 14.6 44.0



Abundance Ion 43.05 (42.75 to 43.75): VU041618.D (-960) (-)



#27

1,2-Dichloroethane

Concen: 0.073 ug/L

RT: 5.75 min Scan# 1370

Delta R.T. -0.06 min

Lab File: VU041618.D

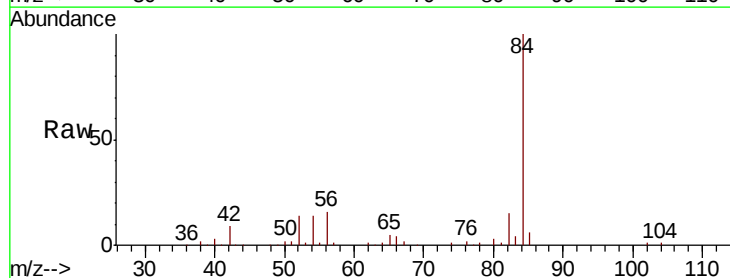
Acq: 14 Dec 2020 18:14

Tgt Ion: 62 Resp: 794

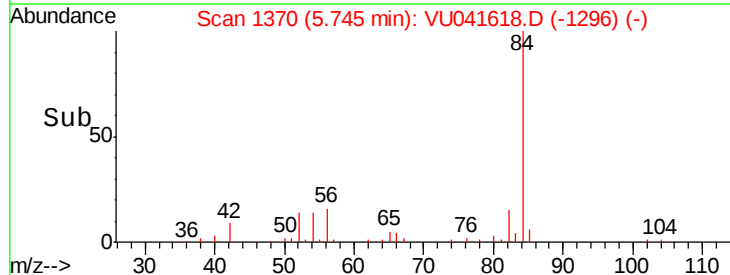
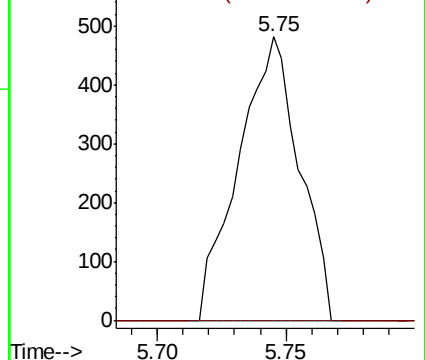
Ion Ratio Lower Upper

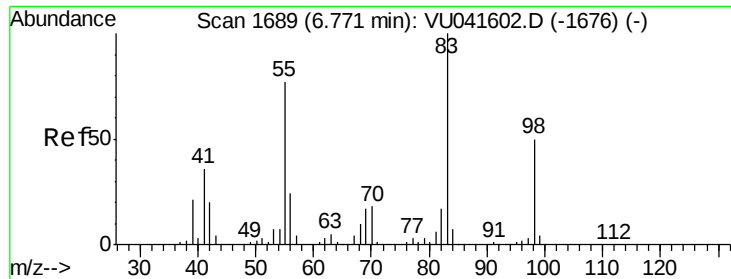
62 100

98 0.0 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU041618.D (-1296) (-)

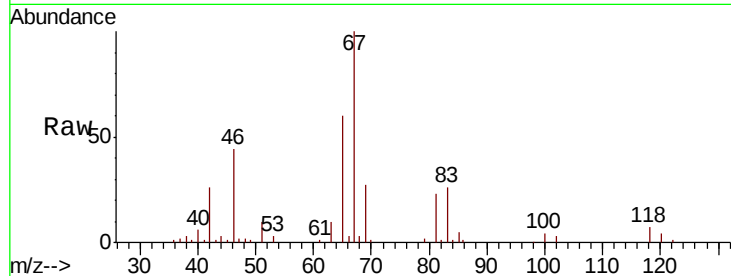




#35
Methvlcvclohexane
Concen: 0.855 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041618.D
Acq: 14 Dec 2020 18:14

Instrument :
MSVOA_U
ClientSampleId :

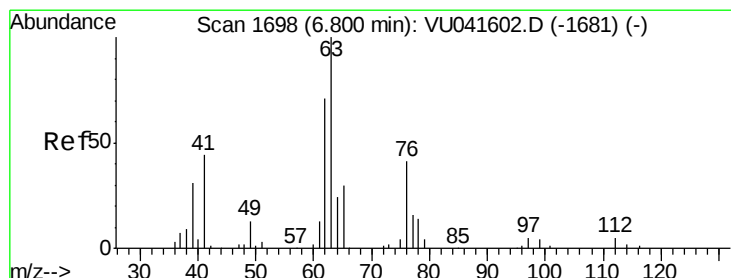
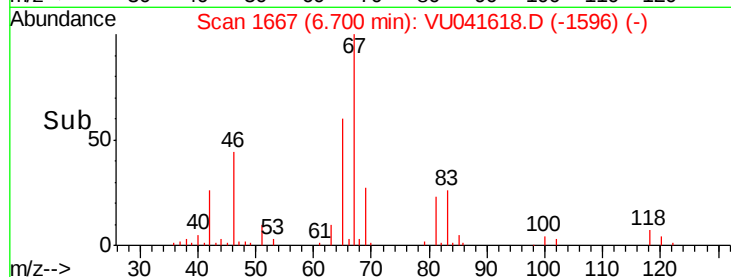
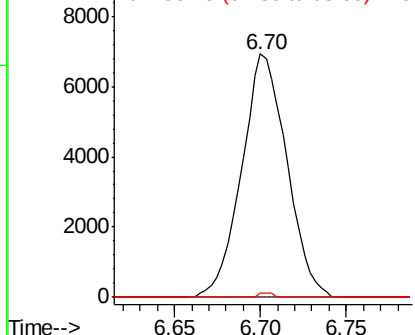
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.5	36.6	54.8#



Abundance Ion 83.15 (82.85 to 83.85): VU041618.D (-1667) (-)

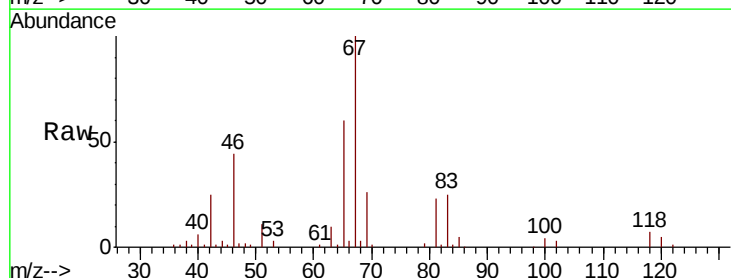
Ion 55.10 (54.80 to 55.80): VU041618.D (-1667) (-)

Ion 98.15 (97.85 to 98.85): VU041618.D (-1667) (-)



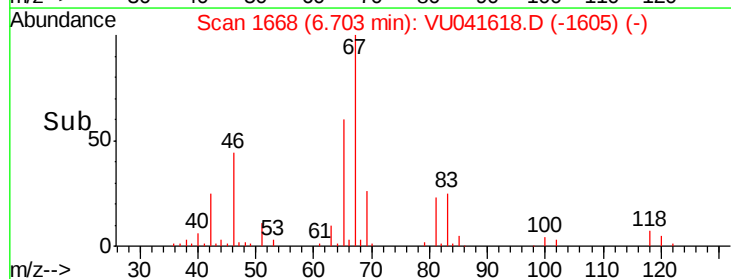
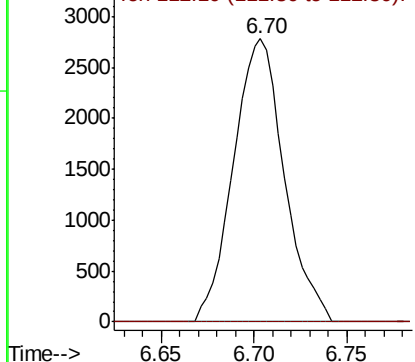
#37
1,2-Dichloropropane
Concen: 0.569 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041618.D
Acq: 14 Dec 2020 18:14

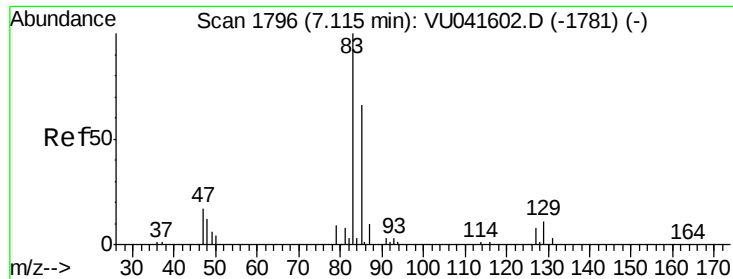
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU041618.D (-1668) (-)

Ion 112.10 (111.80 to 112.80): VU041618.D (-1668) (-)

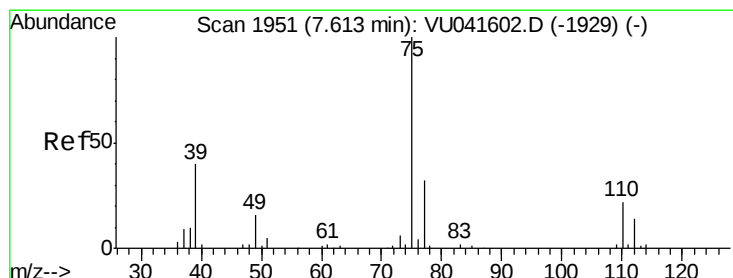
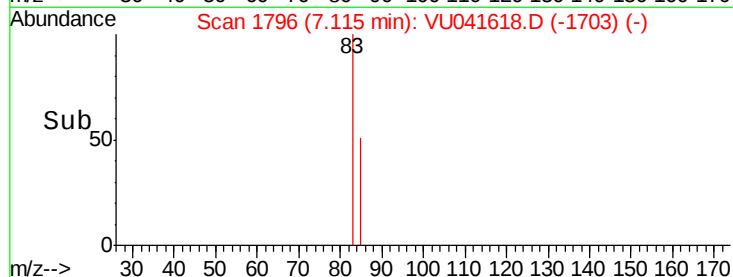
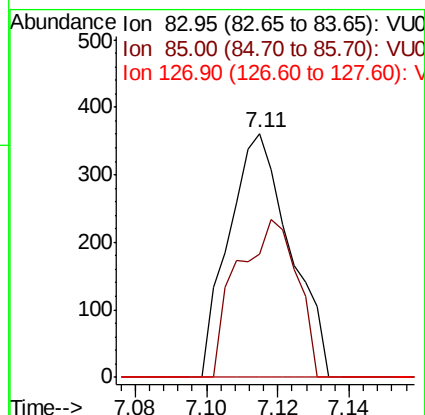
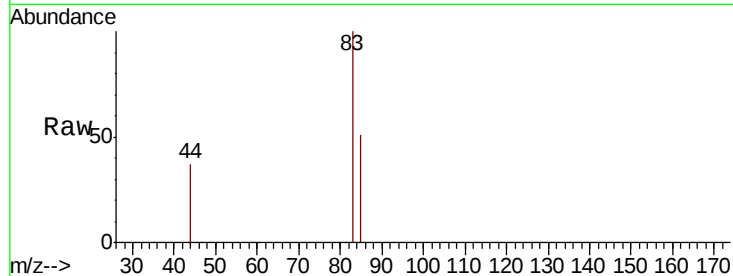




#38
Bromodichloromethane
Concen: 0.037 ug/L
RT: 7.11 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VU041618.D
Acq: 14 Dec 2020 18:14

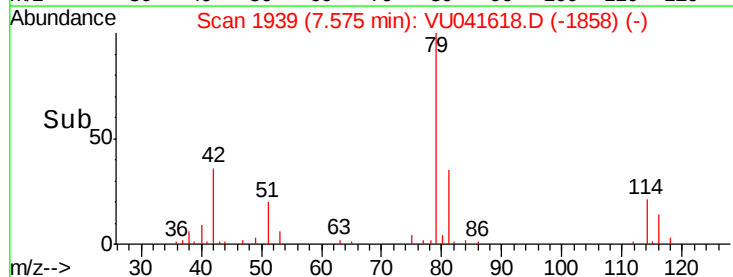
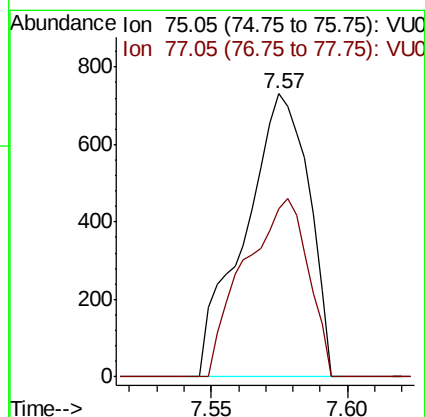
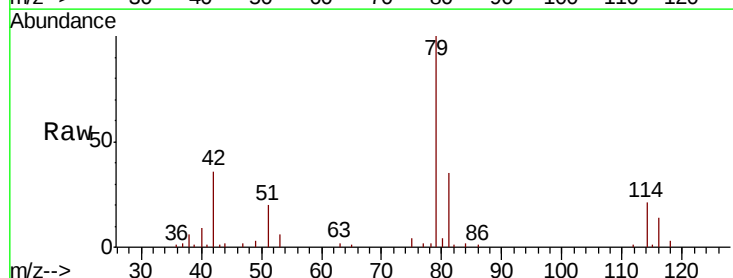
Instrument :
MSVOA_U
ClientSampleId :

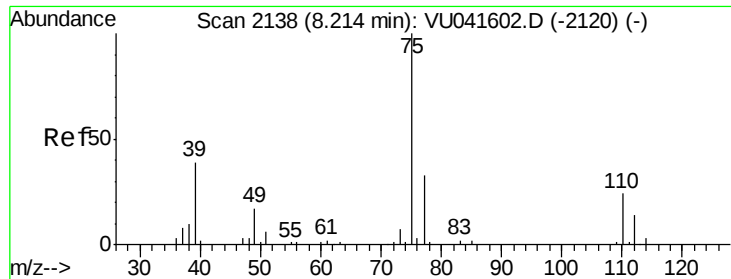
Tot Ion: 83 Resp: 428
Ion Ratio Lower Upper
83 100
85 50.7 45.5 84.5
127 0.0 7.0 10.6#



#39
cis-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041618.D
Acq: 14 Dec 2020 18:14

Tgt Ion: 75 Resp: 1197
Ion Ratio Lower Upper
75 100
77 59.5 22.3 41.3#

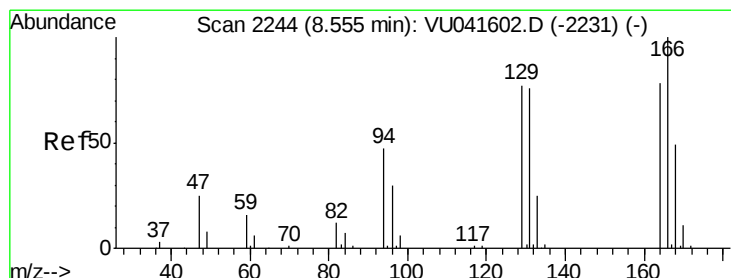
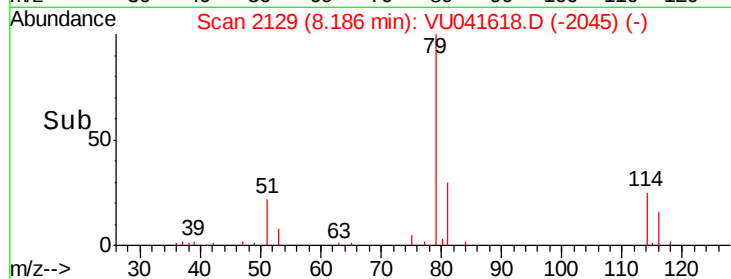
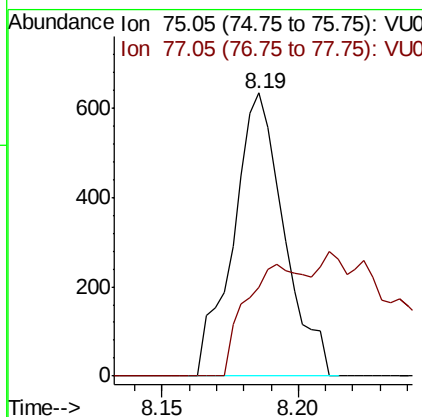
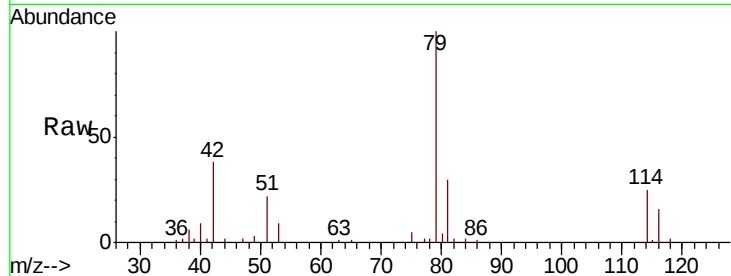




#44
trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041618.D
Acq: 14 Dec 2020 18:14

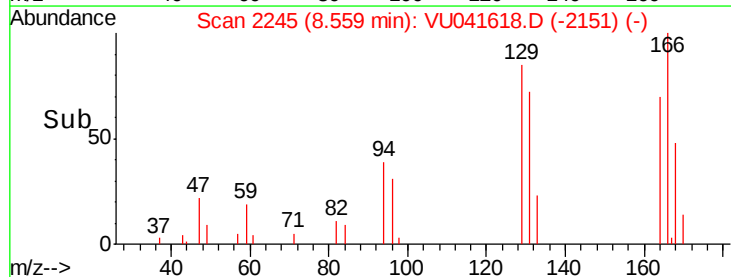
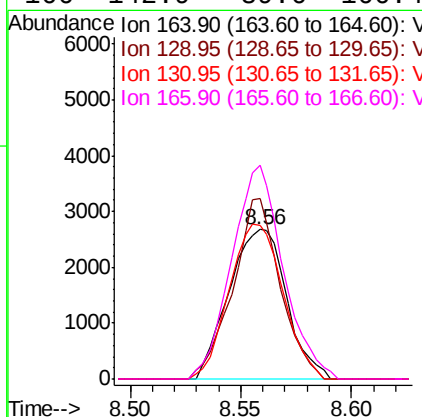
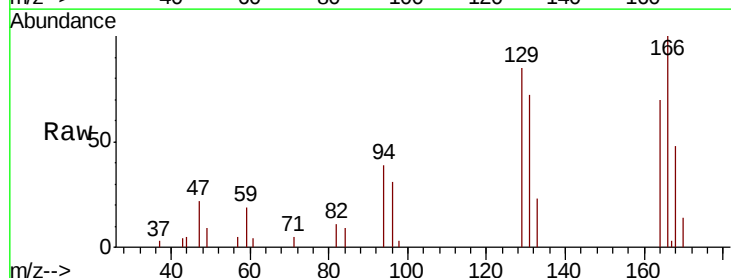
Instrument :
MSVOA_U
ClientSampleId :

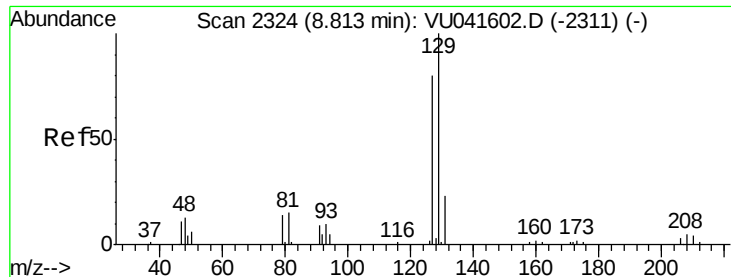
Tot Ion: 75 Resp: 816
Ion Ratio Lower Upper
75 100
77 31.6 23.8 44.2



#47
Tetrachloroethene
Concen: 0.758 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041618.D
Acq: 14 Dec 2020 18:14

Tgt Ion:164 Resp: 4843
Ion Ratio Lower Upper
164 100
129 120.8 72.2 134.0
131 102.9 66.9 124.3
166 142.9 89.6 166.4

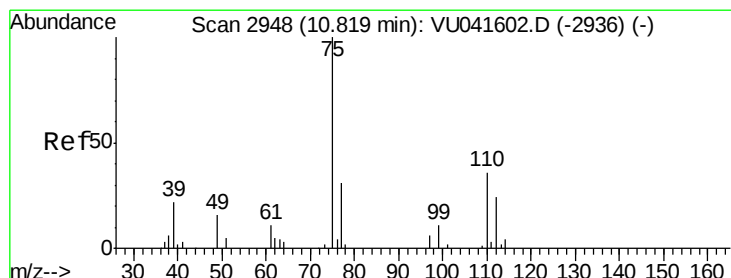
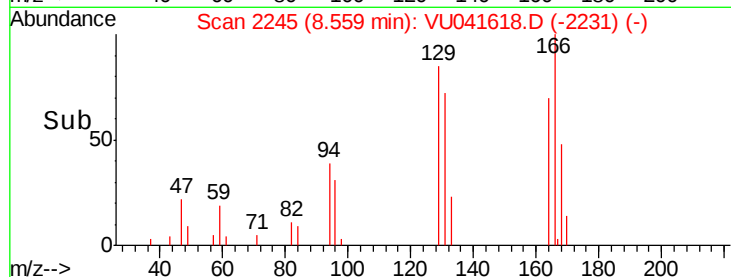
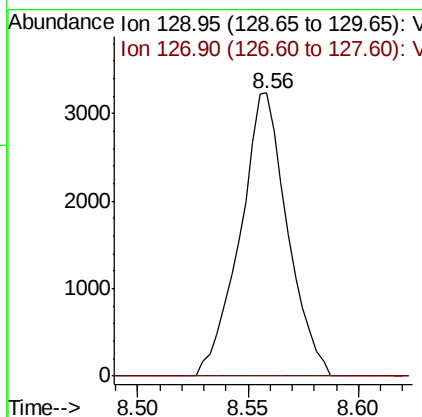
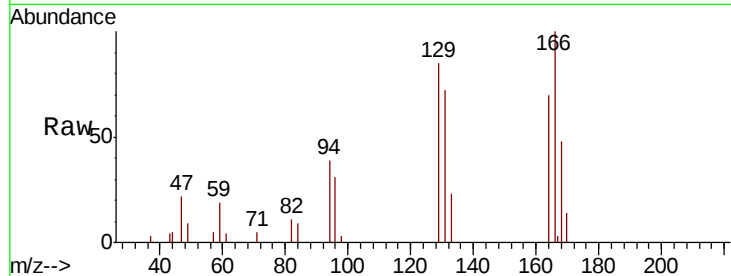




#49
 Dibromochloromethane
 Concen: 0.610 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.25 min
 Lab File: VU041618.D
 Acq: 14 Dec 2020 18:14

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:129 Resp: 4816
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.7 101.7#



#59
 1,2,3-Trichloropropane
 Concen: 0.828 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.99 min
 Lab File: VU041618.D
 Acq: 14 Dec 2020 18:14

Tgt Ion: 75 Resp: 5779
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.2 39.2

