

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040313.D
 Acq On : 25 Sep 2020 20:33
 Operator : SY/MD
 Sample : L4139-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG499

Quant Time: Sep 26 06:52:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119795	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121554	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53650	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30752	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.92	69	29452	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.58	63	51430	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.66	46	153141	58.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.08%
24) Chloroform-d	5.08	84	71134	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.72	65	45846	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.74	84	130342	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.70	67	45419	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.91	98	104381	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	8.19	79	16873	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.64	63	100482	49.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39678	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	42064	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

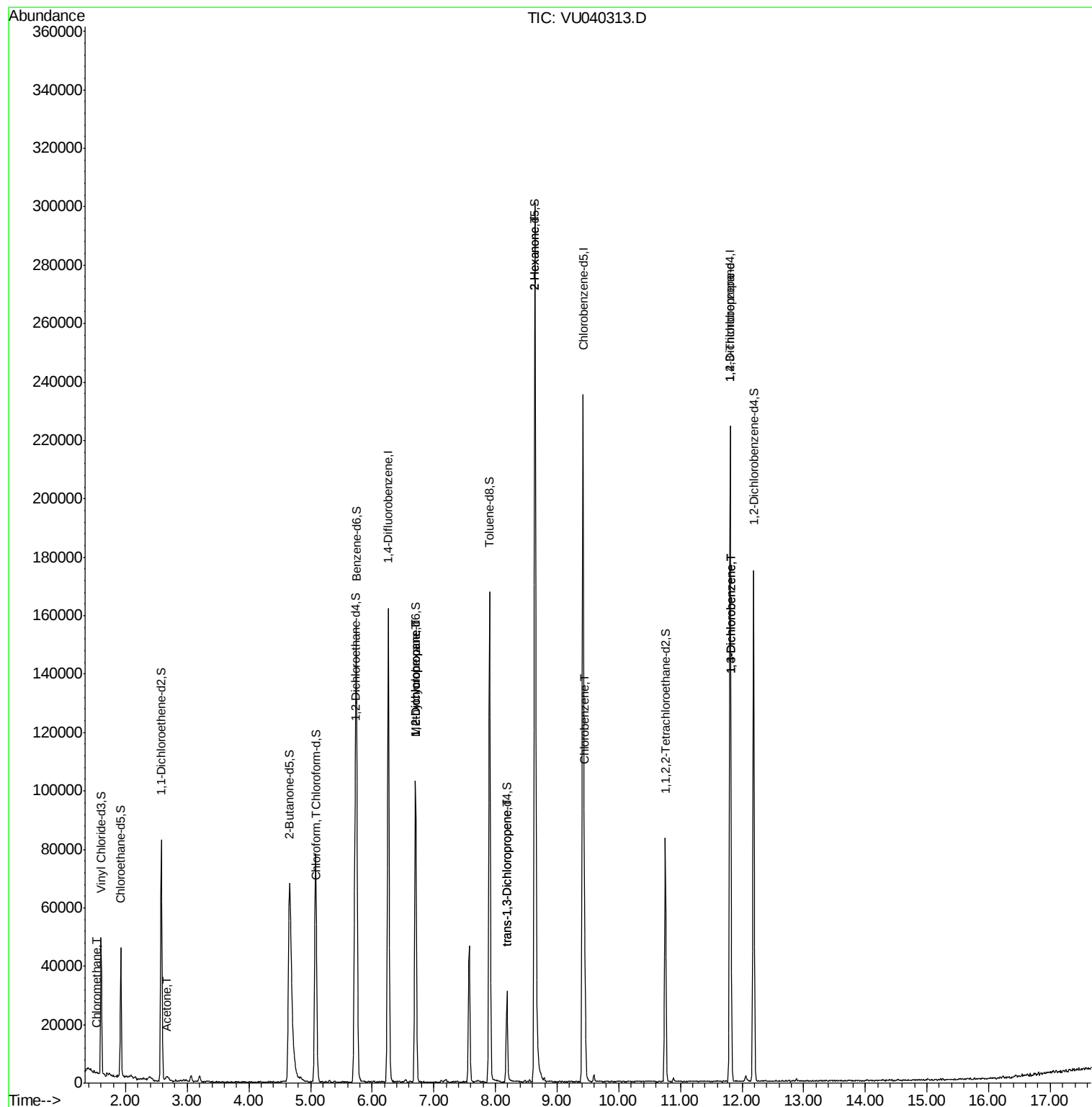
					Ovalue
3) Chloromethane	1.53	50	679	0.060 ug/L	92
13) Acetone	2.67	43	3250	1.342 ug/L	84
25) Chloroform	5.11	83	1596	0.076 ug/L	89
35) Methylcyclohexane	6.70	83	10394	0.582 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5418	0.460 ug/L #	88
44) trans-1,3-Dichloropropene	8.18	75	697	0.043 ug/L #	60
48) 2-Hexanone	8.64	43	14467	2.053 ug/L #	71
51) Chlorobenzene	9.45	112	21022	0.756 ug/L	93
59) 1,2,3-Trichloropropane	11.81	75	8486	0.973 ug/L	96
62) 1,3-Dichlorobenzene	11.83	146	2272	0.116 ug/L	95
63) 1,4-Dichlorobenzene	11.83	146	2272	0.115 ug/L	92

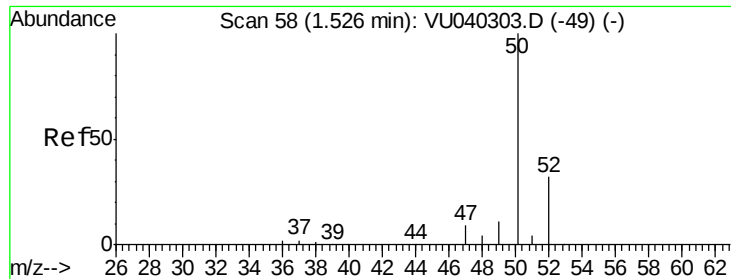
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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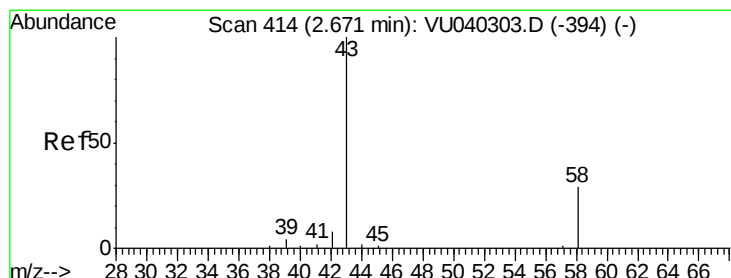
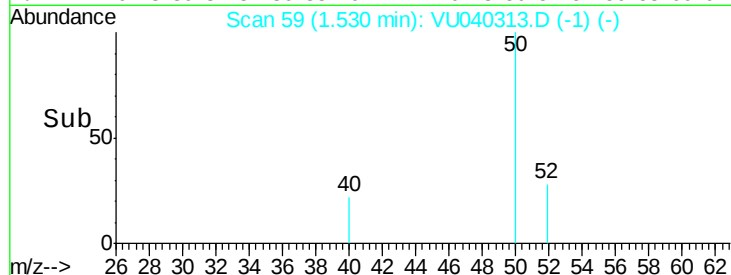
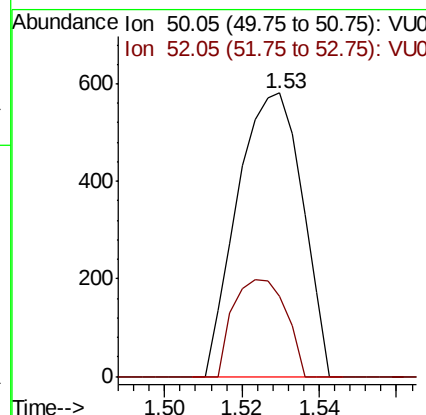
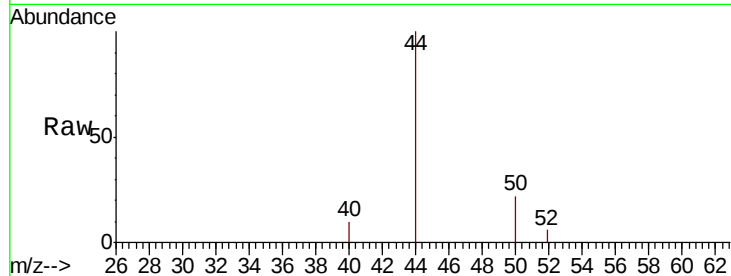




#3
 Chloromethane
 Concen: 0.060 ug/L
 RT: 1.53 min Scan# 59
 Delta R.T. 0.00 min
 Lab File: VU040313.D
 Acq: 25 Sep 2020 20:33

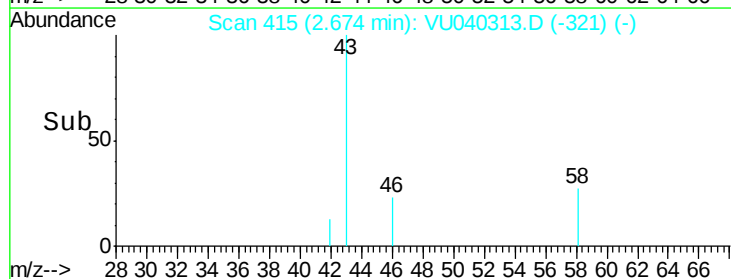
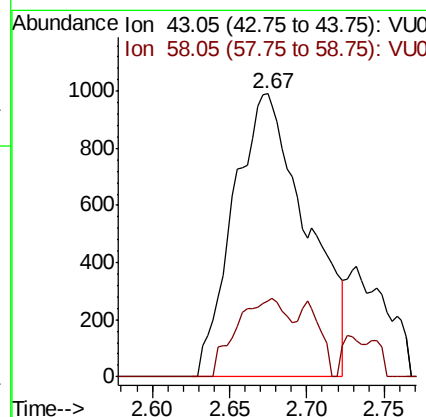
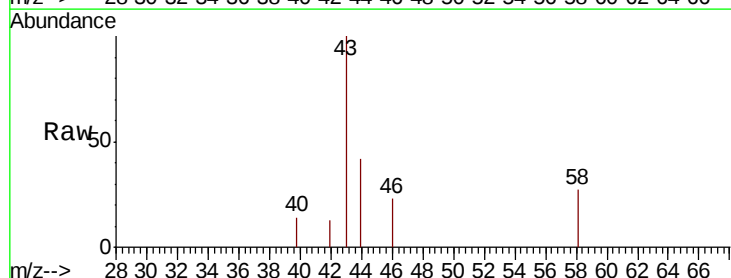
Instrument :
 MSVOA_U
 ClientSampleId :
 BG499

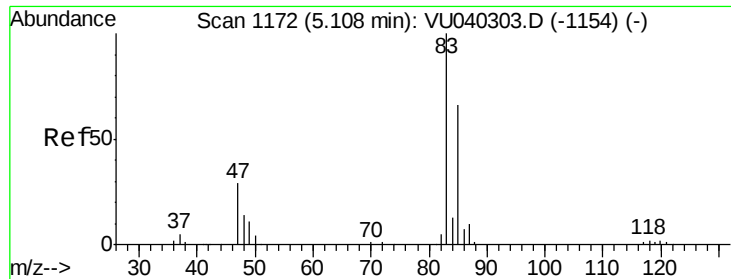
Tot Ion: 50 Resp: 679
 Ion Ratio Lower Upper
 50 100
 52 28.2 22.8 42.4



#13
 Acetone
 Concen: 1.342 ug/L
 RT: 2.67 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: VU040313.D
 Acq: 25 Sep 2020 20:33

Tgt Ion: 43 Resp: 3250
 Ion Ratio Lower Upper
 43 100
 58 19.4 0.0 55.4

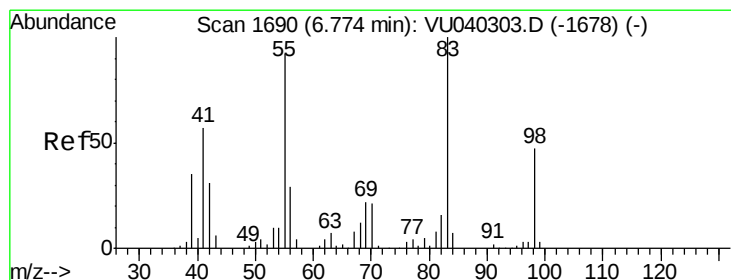
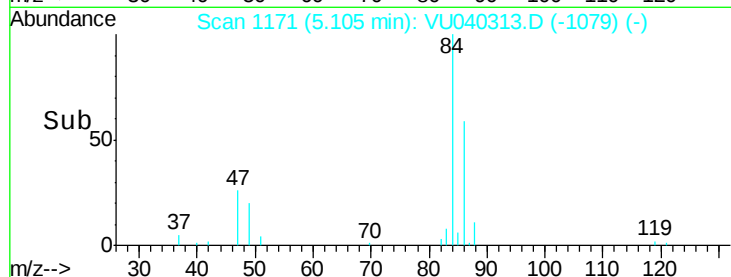
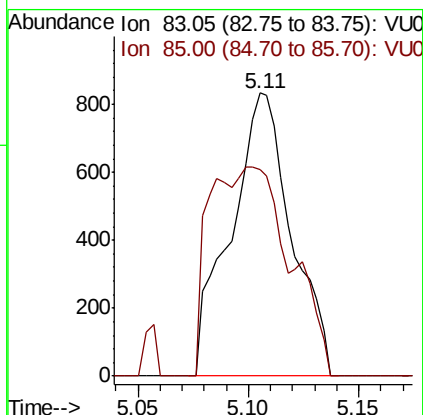
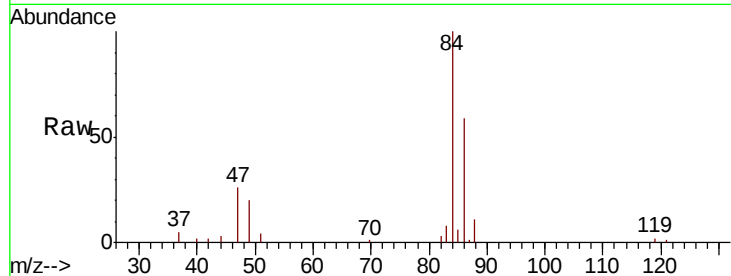




#25
Chloroform
Concen: 0.076 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040313.D
Acq: 25 Sep 2020 20:33

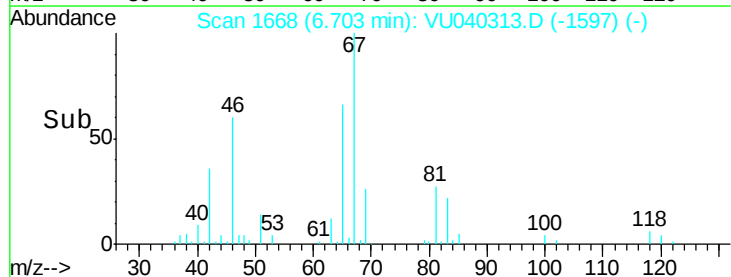
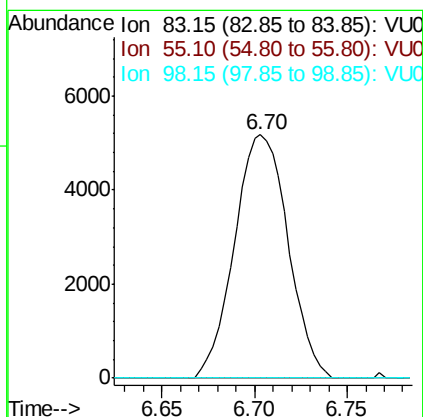
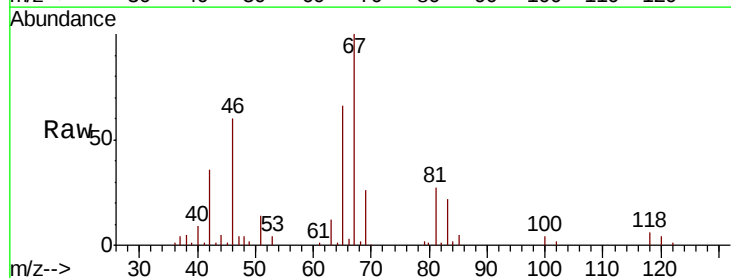
Instrument :
MSVOA_U
ClientSampleId :
BG499

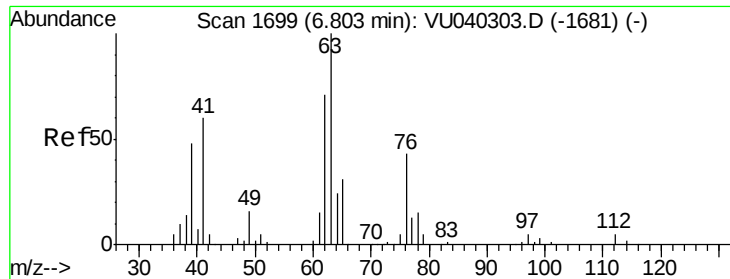
Tot Ion: 83 Resp: 1596
Ion Ratio Lower Upper
83 100
85 73.0 45.3 84.1



#35
Methylcyclohexane
Concen: 0.582 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040313.D
Acq: 25 Sep 2020 20:33

Tgt Ion: 83 Resp: 10394
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.2 37.8 56.6#

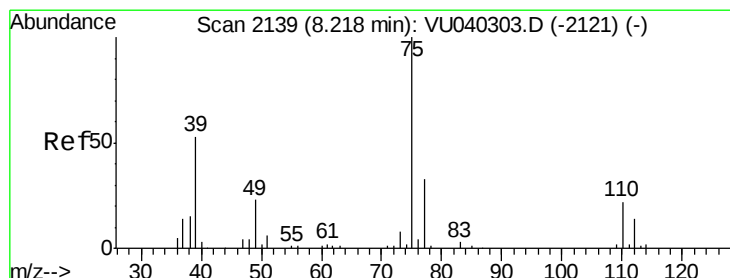
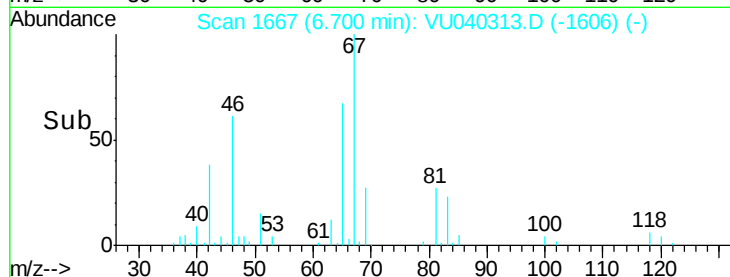
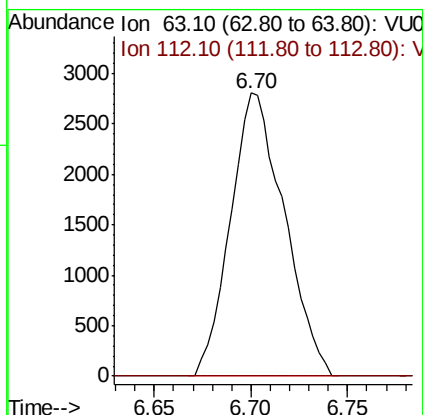
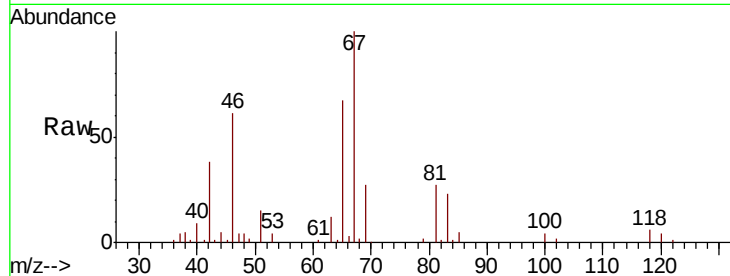




#37
 1,2-Dichloropropane
 Concen: 0.460 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040313.D
 Acq: 25 Sep 2020 20:33

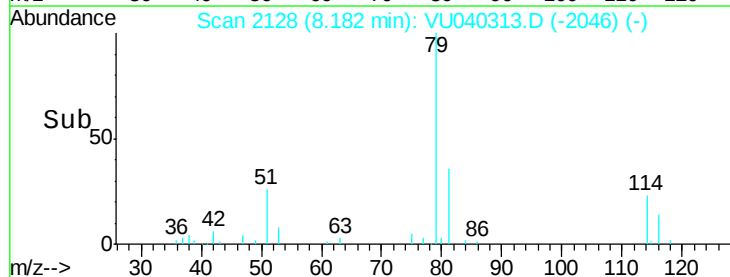
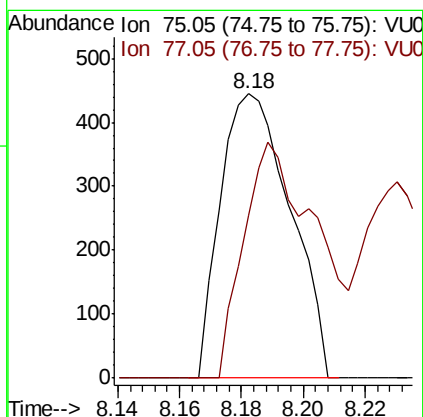
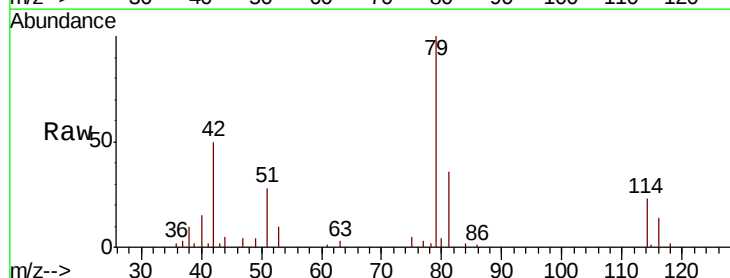
Instrument :
 MSVOA_U
 ClientSampleId :
 BG499

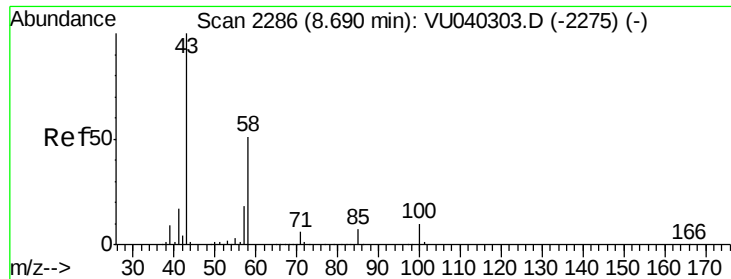
Tot Ion: 63 Resp: 5418
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.043 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.04 min
 Lab File: VU040313.D
 Acq: 25 Sep 2020 20:33

Tgt Ion: 75 Resp: 697
 Ion Ratio Lower Upper
 75 100
 77 57.3 23.9 44.3#

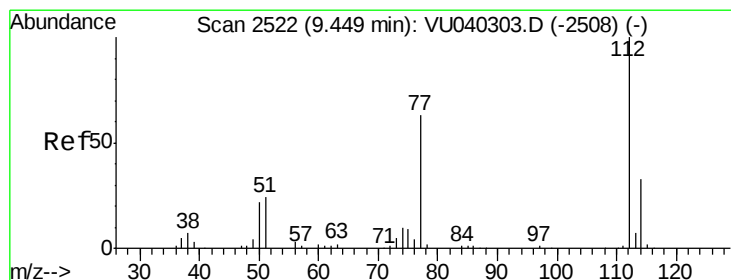
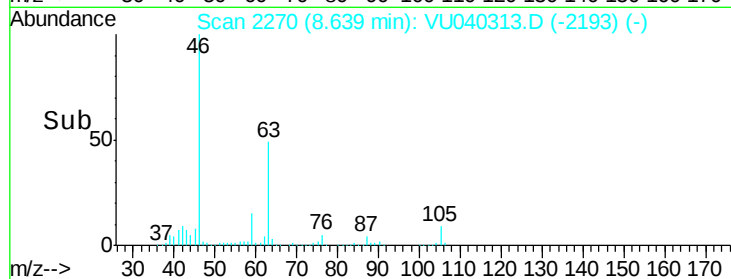
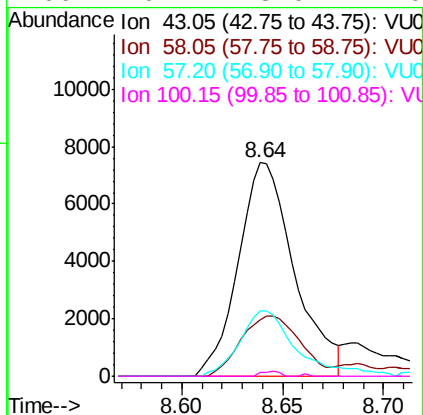
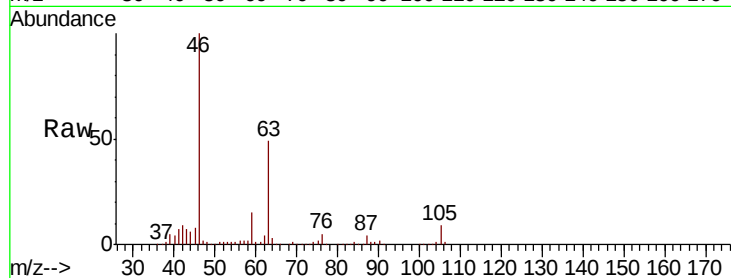




#48
2-Hexanone
Concen: 2.053 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040313.D
Acq: 25 Sep 2020 20:33

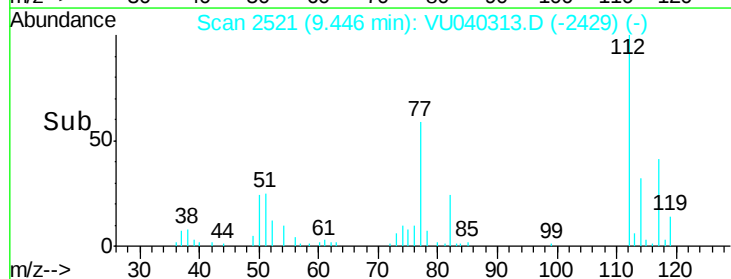
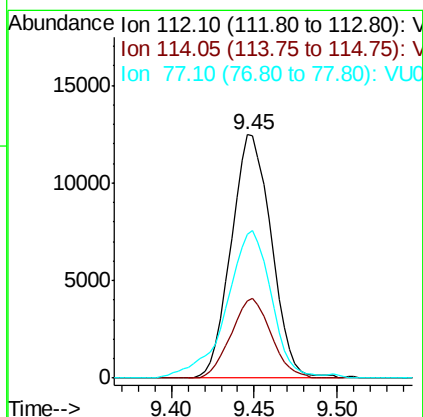
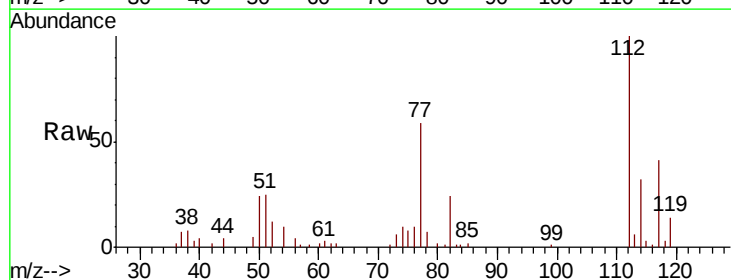
Instrument :
MSVOA_U
ClientSampleId :
BG499

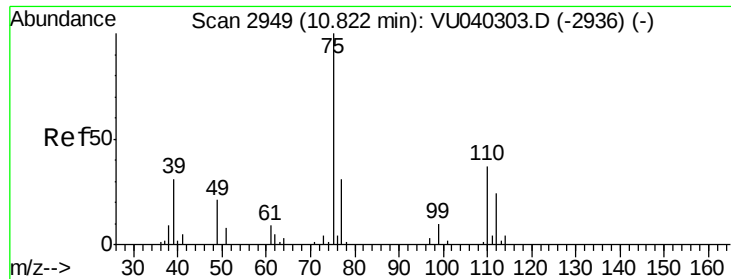
Tot Ion: 43 Resp: 14467
Ion Ratio Lower Upper
43 100
58 29.8 39.6 59.4#
57 31.4 14.3 21.5#
100 0.7 8.0 12.0#



#51
Chlorobenzene
Concen: 0.756 ug/L
RT: 9.45 min Scan# 2521
Delta R.T. -0.00 min
Lab File: VU040313.D
Acq: 25 Sep 2020 20:33

Tgt Ion: 112 Resp: 21022
Ion Ratio Lower Upper
112 100
114 31.8 22.7 42.3
77 59.3 53.2 79.8





#59

1,2,3-Trichloropropane

Concen: 0.973 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040313.D

Acq: 25 Sep 2020 20:33

Instrument :

MSVOA_U

ClientSampled :

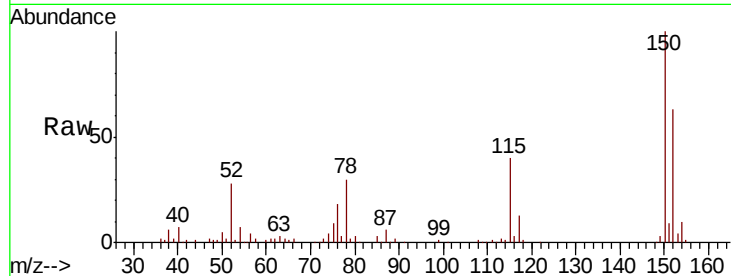
BG499

Tot Ion: 75 Resp: 8486

Ion Ratio Lower Upper

75 100

77 33.3 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU040313.D (-2936) (-)

Ion 77.00 (76.70 to 77.70): VU040313.D (-2936) (-)

11.81

5000

4000

3000

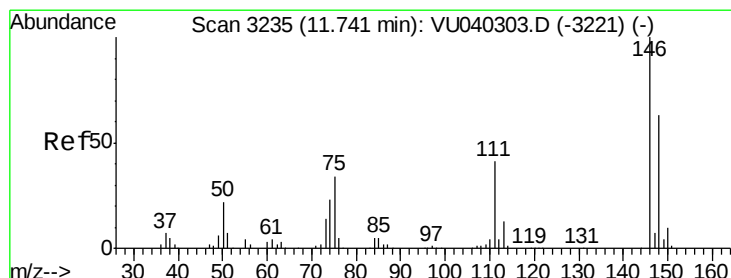
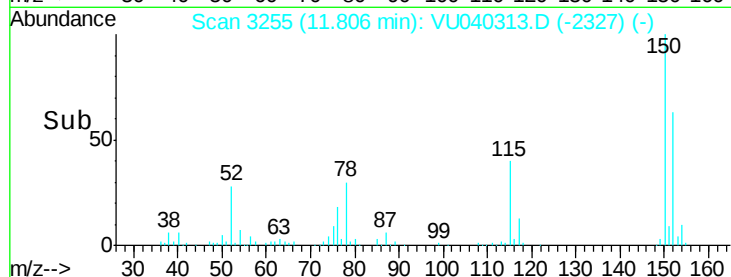
2000

1000

0

11.75 11.80 11.85

Time-->



#62

1,3-Dichlorobenzene

Concen: 0.116 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.09 min

Lab File: VU040313.D

Acq: 25 Sep 2020 20:33

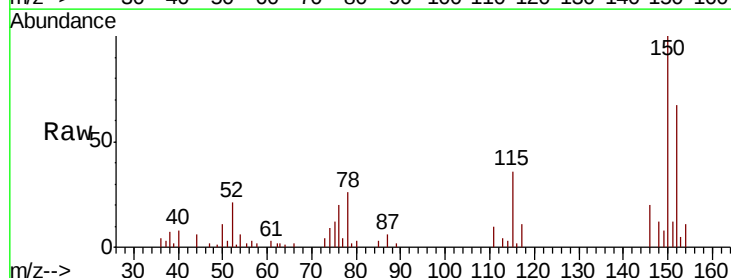
Tgt Ion: 146 Resp: 2272

Ion Ratio Lower Upper

146 100

111 50.7 31.6 58.8

148 60.7 44.2 82.0



Abundance Ion 145.95 (145.65 to 146.65): VU040313.D (-3262) (-)

Ion 111.00 (110.70 to 111.70): VU040313.D (-3262) (-)

Ion 148.00 (147.70 to 148.70): VU040313.D (-3262) (-)

11.83

2000

1500

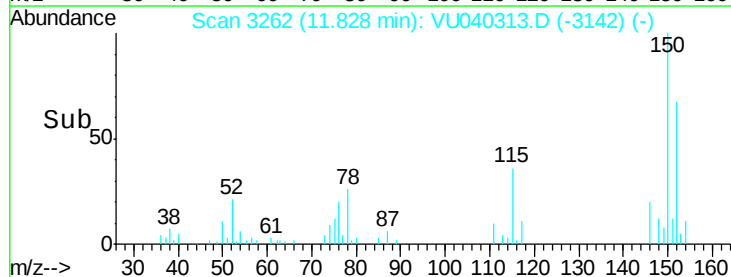
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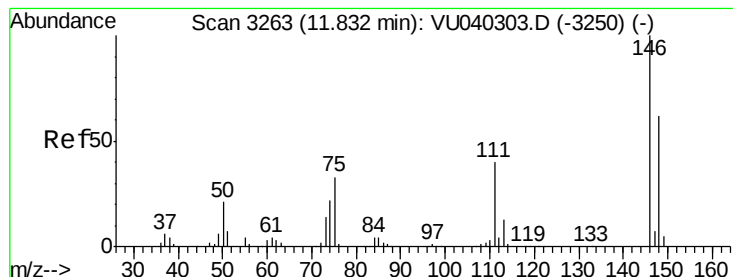
500

0

11.80 11.85

Time-->





#63

1,4-Dichlorobenzene

Concen: 0.115 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. -0.00 min

Lab File: VU040313.D

Acq: 25 Sep 2020 20:33

Instrument :

MSVOA_U

ClientSampleId :

BG499

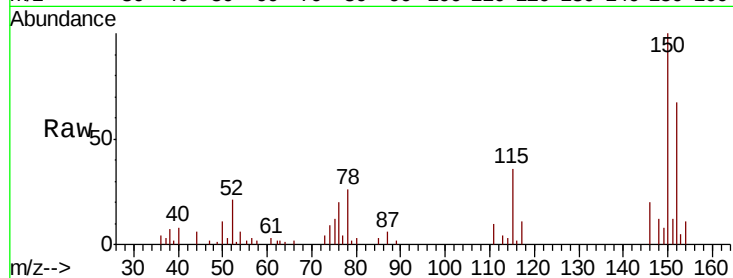
Tot Ion:146 Resp: 2272

Ion Ratio Lower Upper

146 100

111 50.7 30.5 56.7

148 60.7 45.4 84.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

