

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040172.D
 Acq On : 17 Sep 2020 01:25
 Operator : SY/MD
 Sample : L4046-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0P9

Quant Time: Sep 17 02:11:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 02:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	109347	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	106857	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46665	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	27563	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.92	69	25262	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.58	63	47362	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.67	46	118660	49.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.38%
24) Chloroform-d	5.08	84	62877	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.72	65	40585	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.74	84	118516	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.70	67	38852	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.91	98	96215	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.19	79	15909	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.64	63	83931	46.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33767	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	37042	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

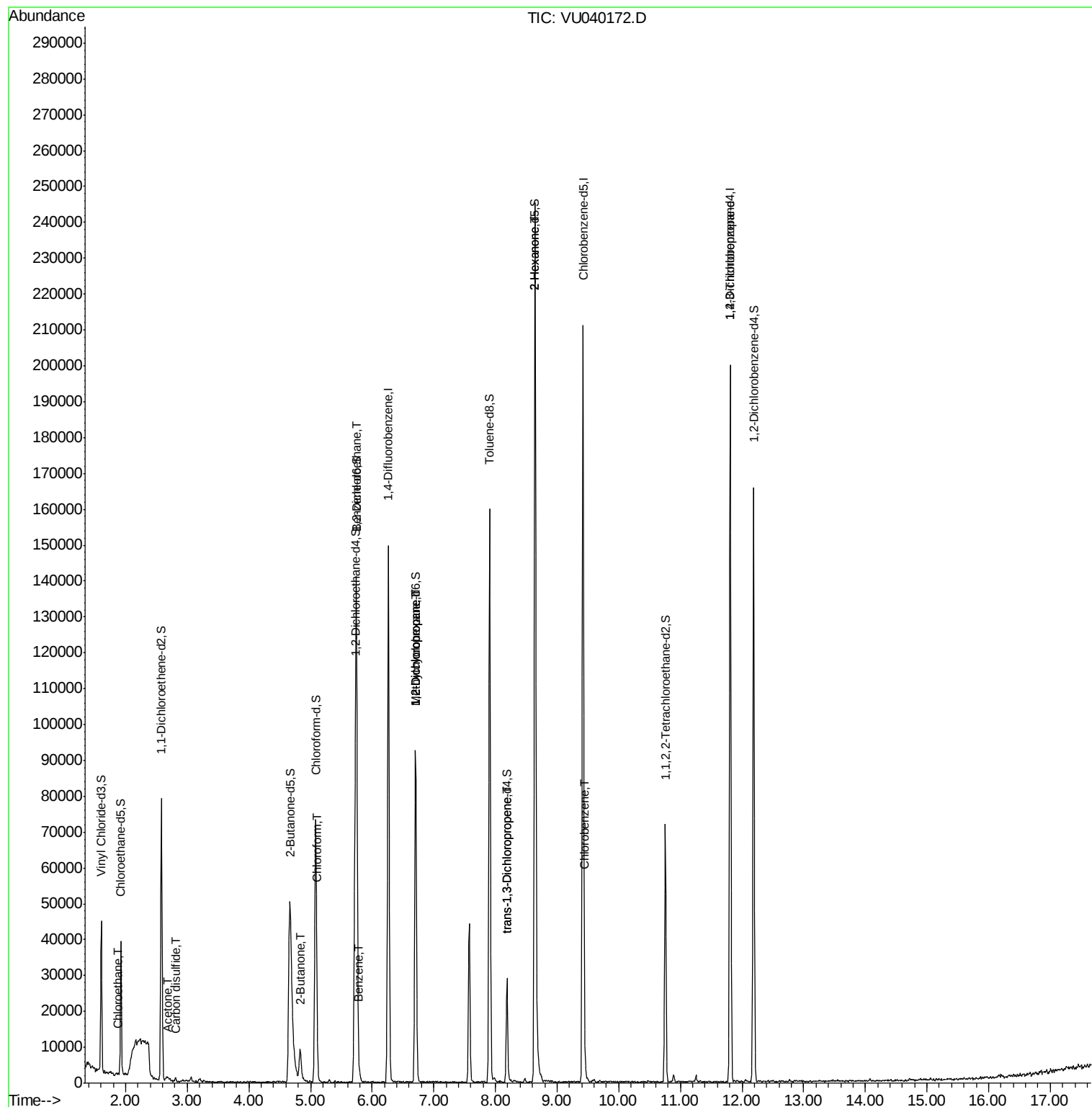
					Ovalue
8) Chloroethane	1.88	64	205	0.032 ug/L #	42
13) Acetone	2.68	43	1791	0.810 ug/L	73
14) Carbon disulfide	2.81	76	1242	0.046 ug/L #	75
21) 2-Butanone	4.83	43	13502	3.741 ug/L #	52
25) Chloroform	5.11	83	2806	0.146 ug/L	89
27) 1,2-Dichloroethane	5.75	62	761	0.054 ug/L #	78
33) Benzene	5.79	78	2501	0.065 ug/L	100
35) Methylcyclohexane	6.71	83	9571	0.610 ug/L #	14
37) 1,2-Dichloropropane	6.71	63	4624	0.447 ug/L #	88
44) trans-1,3-Dichloropropene	8.18	75	662	0.047 ug/L #	48
48) 2-Hexanone	8.64	43	12171	1.965 ug/L #	73
51) Chlorobenzene	9.45	112	2675	0.109 ug/L	97
59) 1,2,3-Trichloropropane	11.81	75	7576	0.988 ug/L	91

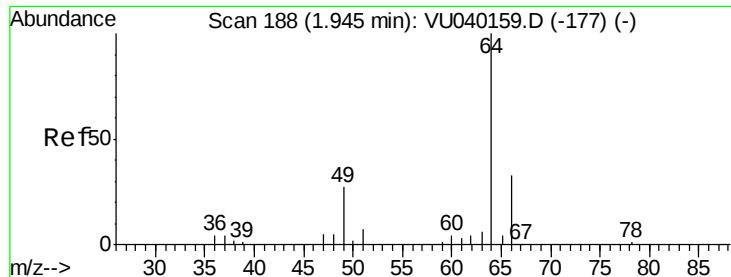
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.032 ug/L

RT: 1.88 min Scan# 167

Delta R.T. -0.07 min

Lab File: VU040172.D

Acq: 17 Sep 2020 01:25

Instrument :

MSVOA_U

ClientSampleId :

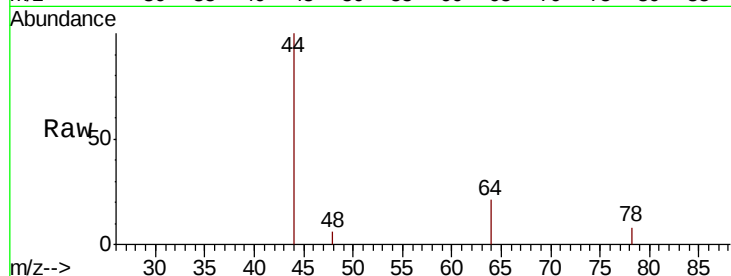
BG0P9

Tot Ion: 64 Resp: 205

Ion Ratio Lower Upper

64 100

66 0.0 22.7 42.1#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.88

400

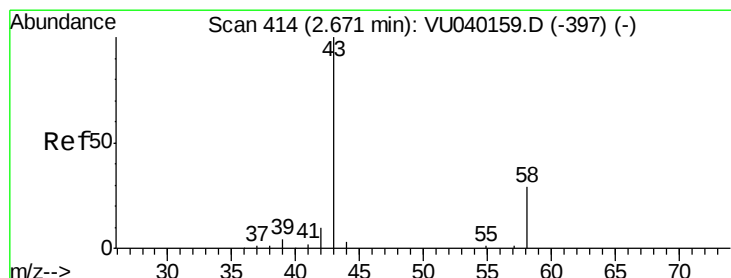
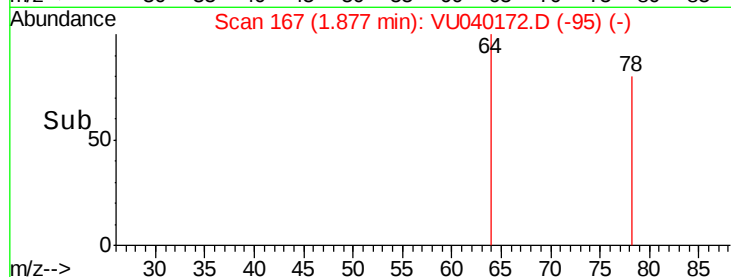
300

200

100

0

Time-->



#13

Acetone

Concen: 0.810 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU040172.D

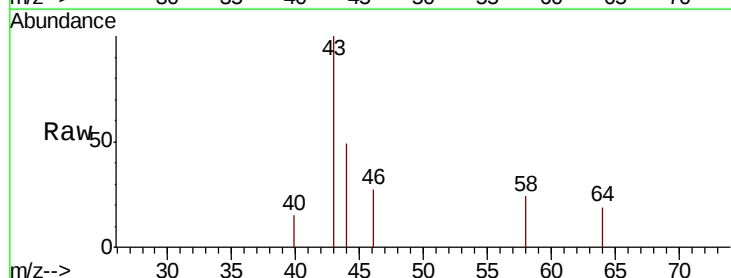
Acq: 17 Sep 2020 01:25

Tgt Ion: 43 Resp: 1791

Ion Ratio Lower Upper

43 100

58 13.6 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.68

800

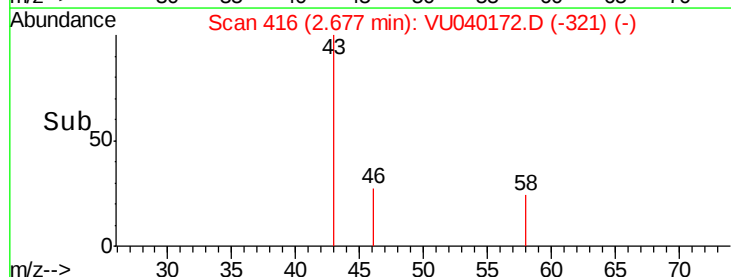
600

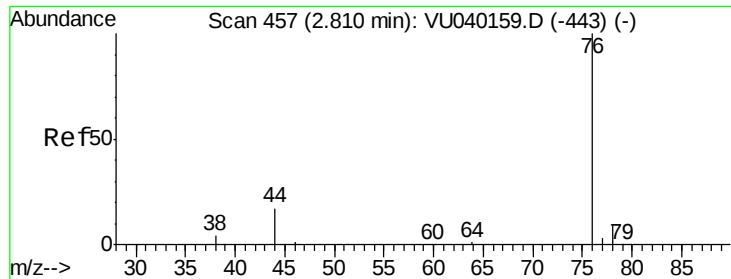
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200

0

Time-->

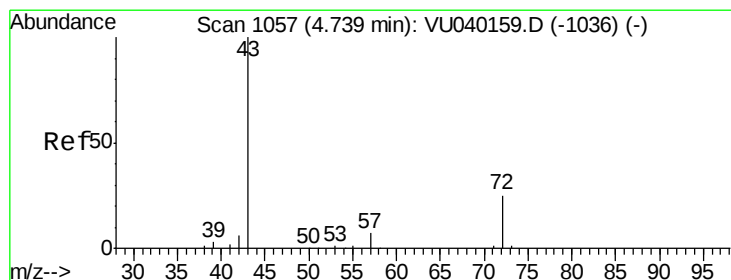
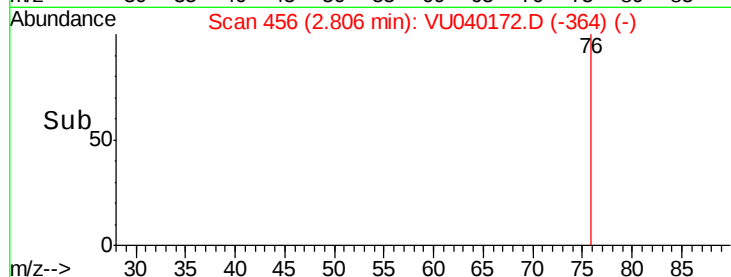
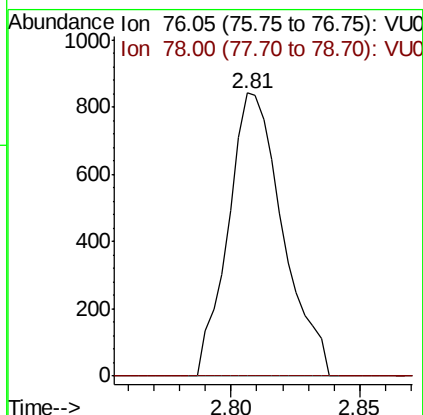
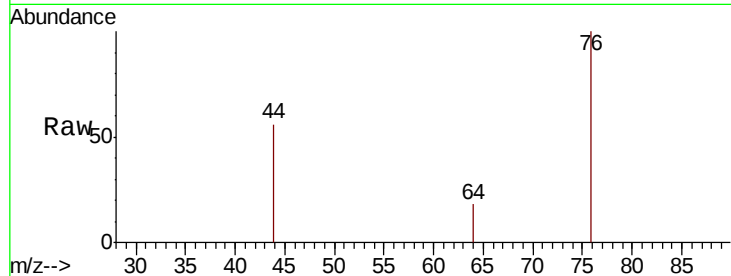




#14
Carbon disulfide
Concen: 0.046 ug/L
RT: 2.81 min Scan# 456
Delta R.T. -0.00 min
Lab File: VU040172.D
Acq: 17 Sep 2020 01:25

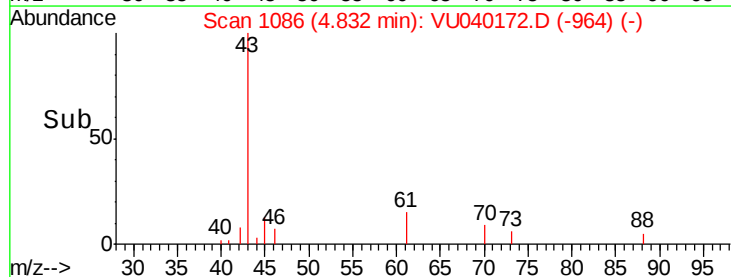
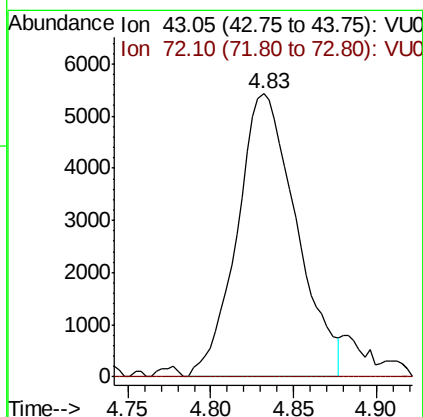
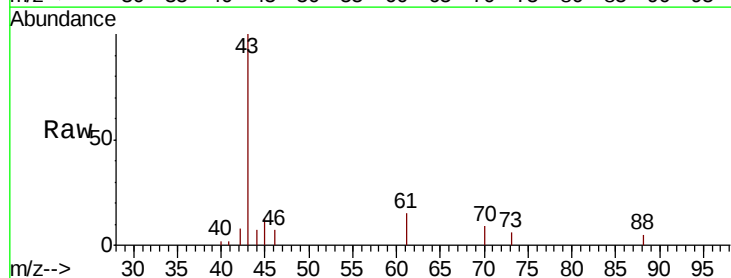
Instrument :
MSVOA_U
ClientSampleId :
BG0P9

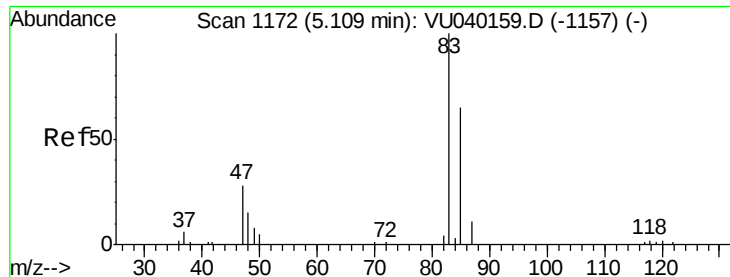
Tot Ion: 76 Resp: 1242
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#21
2-Butanone
Concen: 3.741 ug/L
RT: 4.83 min Scan# 1086
Delta R.T. 0.09 min
Lab File: VU040172.D
Acq: 17 Sep 2020 01:25

Tgt Ion: 43 Resp: 13502
Ion Ratio Lower Upper
43 100
72 0.0 11.7 35.0#

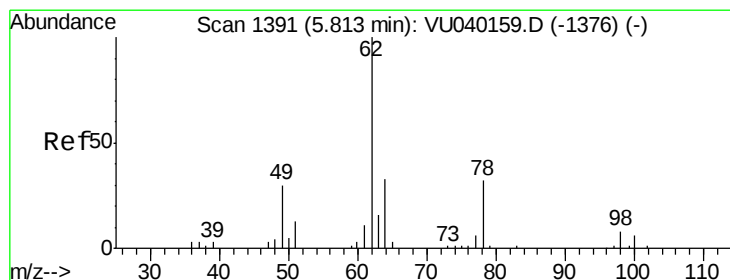
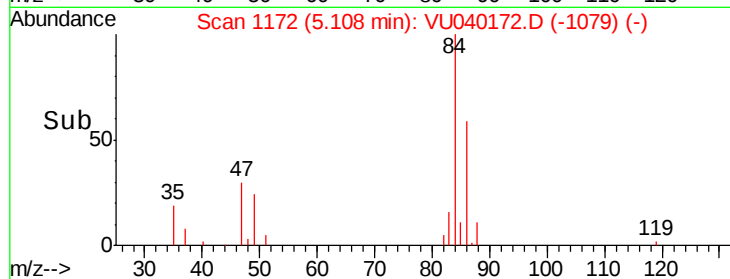
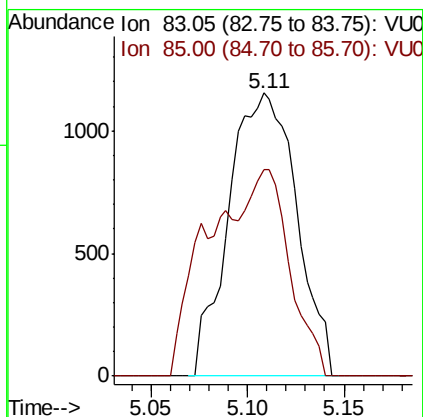
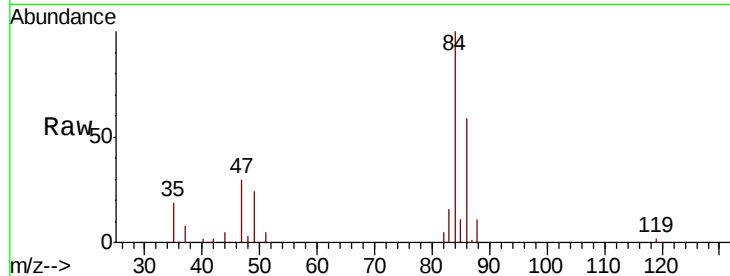




#25
Chloroform
Concen: 0.146 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. -0.00 min
Lab File: VU040172.D
Acq: 17 Sep 2020 01:25

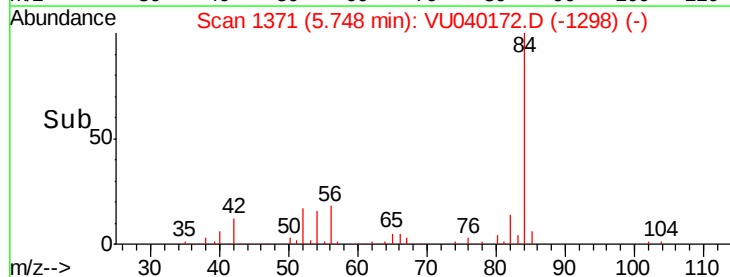
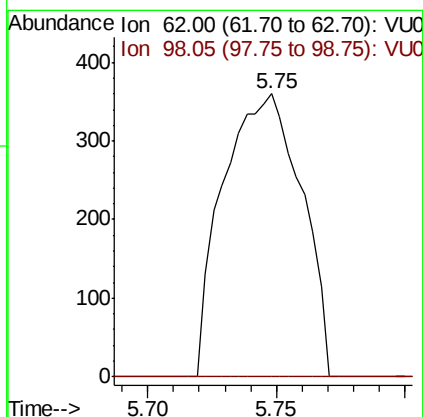
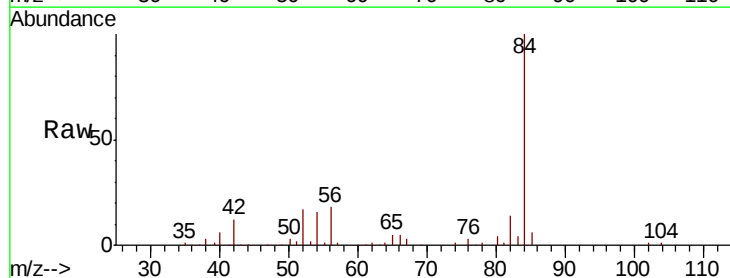
Instrument :
MSVOA_U
ClientSampleId :
BG0P9

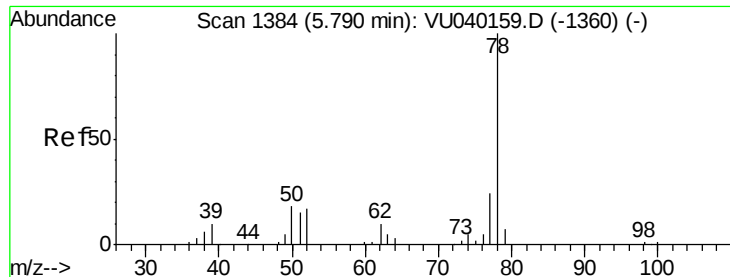
Tot Ion: 83 Resp: 2806
Ion Ratio Lower Upper
83 100
85 73.1 45.3 84.1



#27
1,2-Dichloroethane
Concen: 0.054 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU040172.D
Acq: 17 Sep 2020 01:25

Tgt Ion: 62 Resp: 761
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

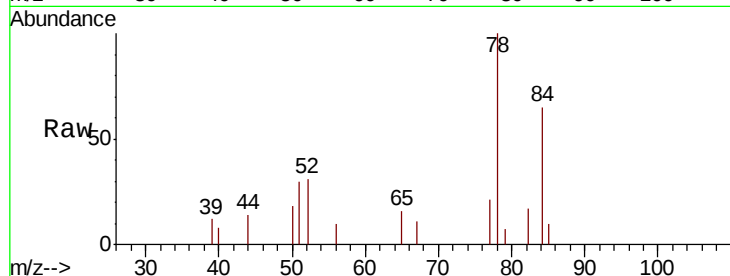




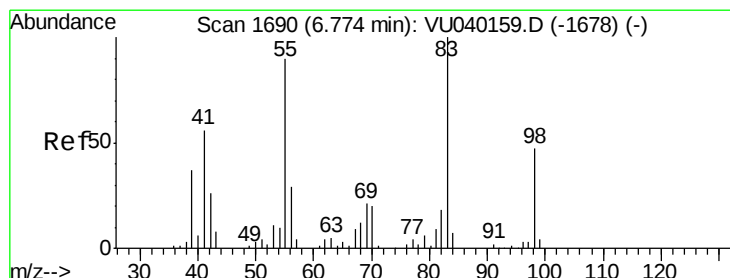
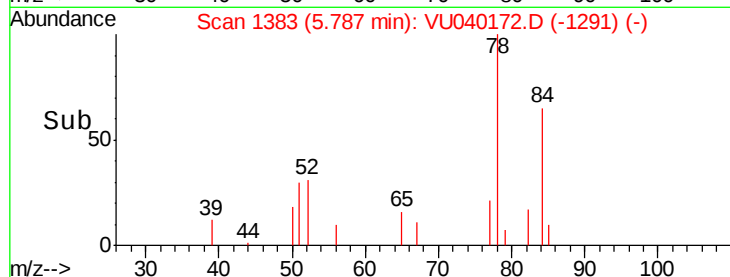
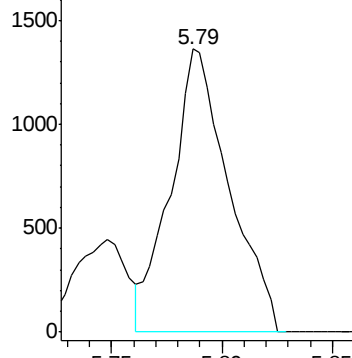
#33
Benzene
Concen: 0.065 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU040172.D
Acq: 17 Sep 2020 01:25

Instrument :
MSVOA_U
ClientSampleId :
BG0P9

Tgt Ion: 78 Resp: 2501

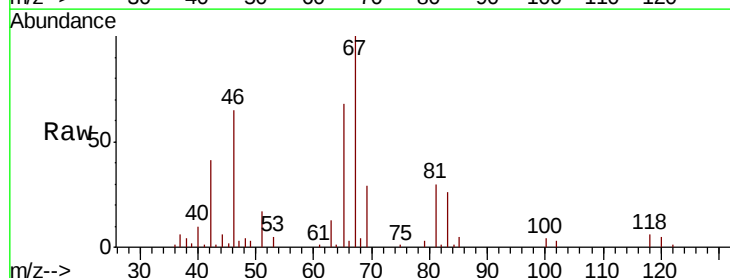


Abundance Ion 78.10 (77.80 to 78.80): VU0



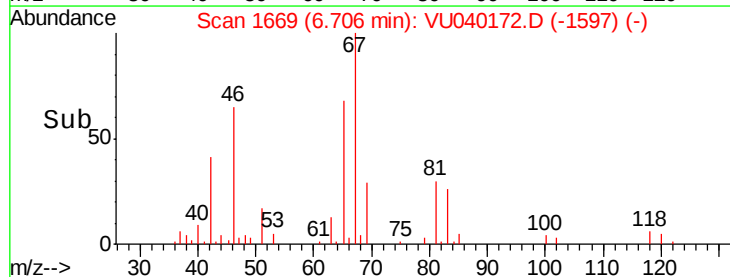
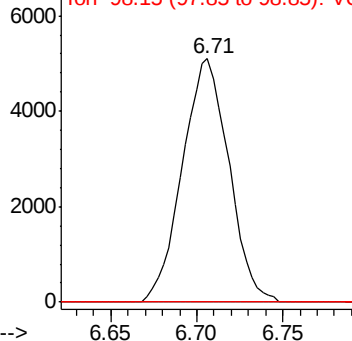
#35
Methylcyclohexane
Concen: 0.610 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU040172.D
Acq: 17 Sep 2020 01:25

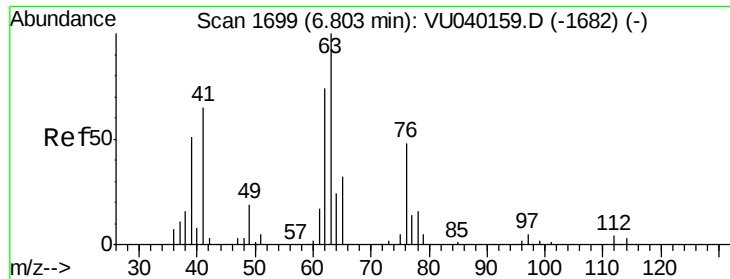
Tgt Ion: 83 Resp: 9571
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.0 37.8 56.6#



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

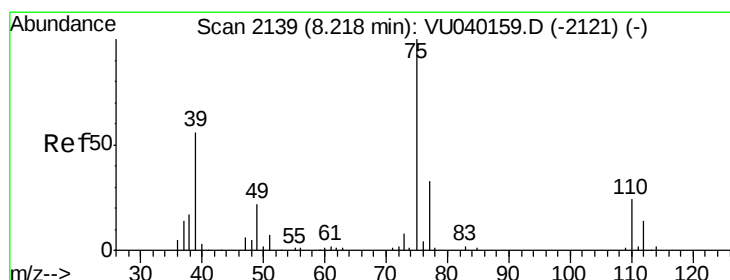
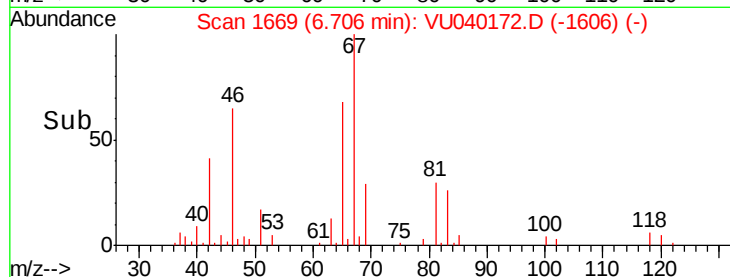
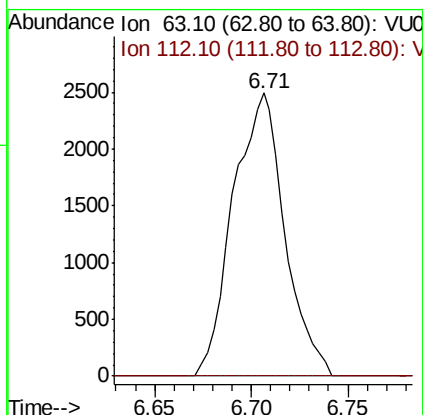
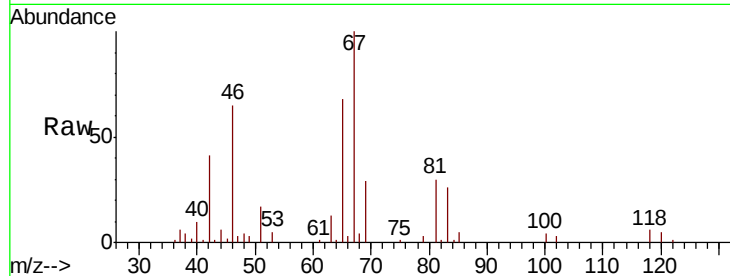




#37
 1,2-Dichloropropane
 Concen: 0.447 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU040172.D
 Acq: 17 Sep 2020 01:25

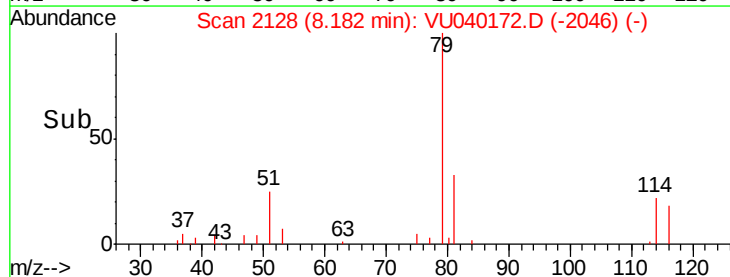
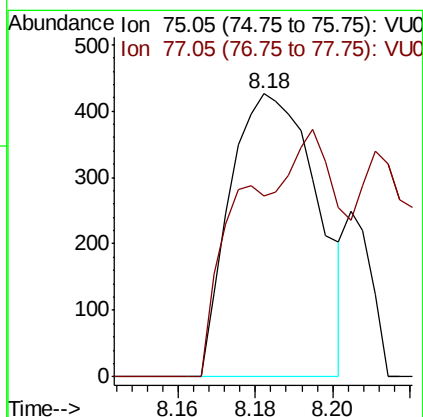
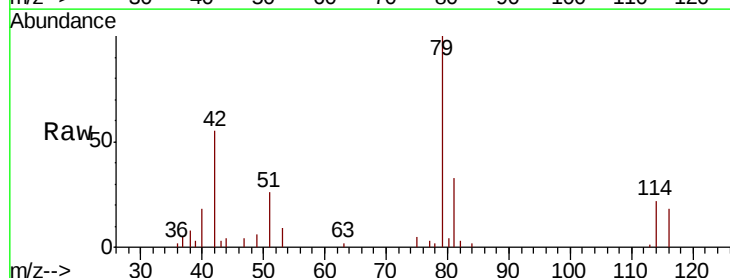
Instrument :
 MSVOA_U
 ClientSampleId :
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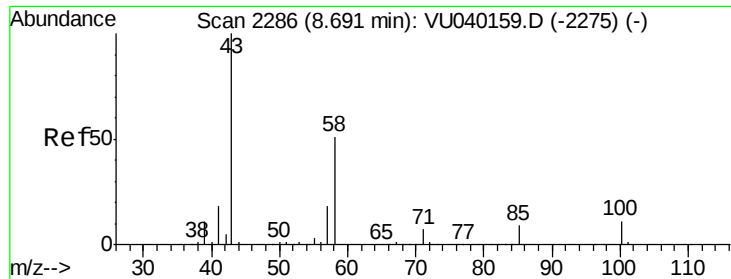
Tot Ion: 63 Resp: 4624
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.047 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.04 min
 Lab File: VU040172.D
 Acq: 17 Sep 2020 01:25

Tgt Ion: 75 Resp: 662
 Ion Ratio Lower Upper
 75 100
 77 63.8 23.9 44.3#

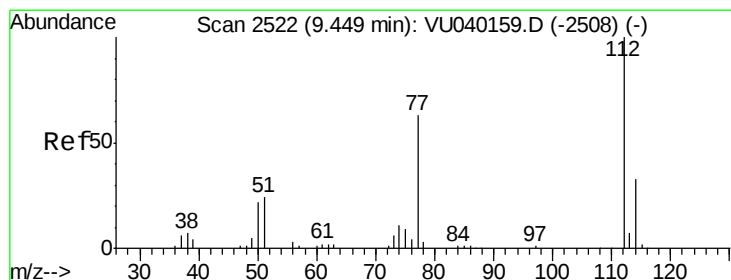
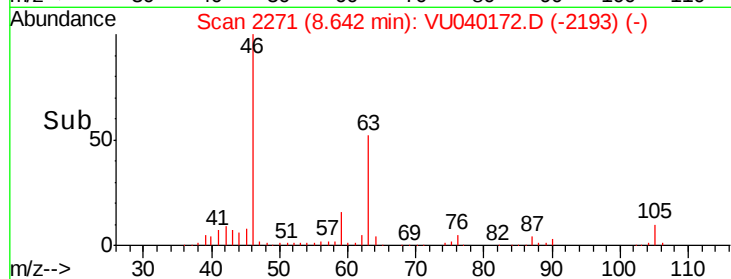
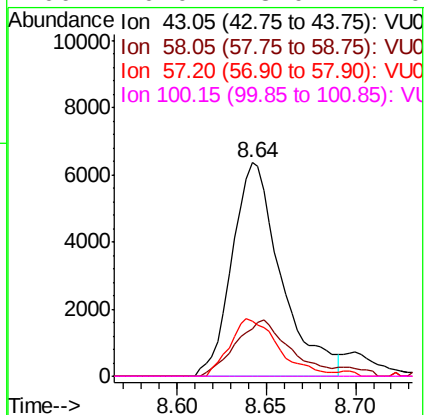
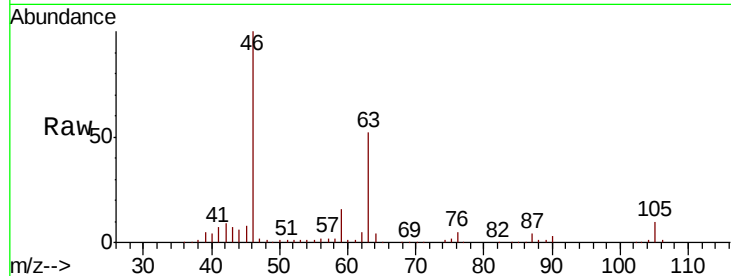




#48
2-Hexanone
Concen: 1.965 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040172.D
Acq: 17 Sep 2020 01:25

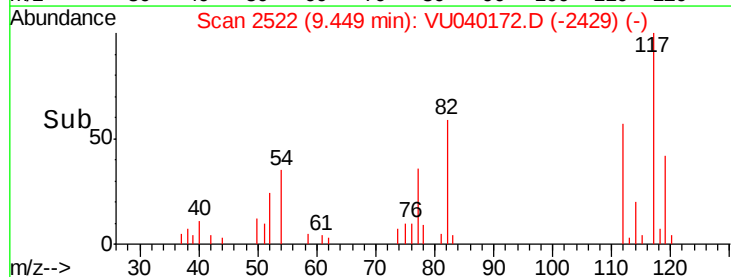
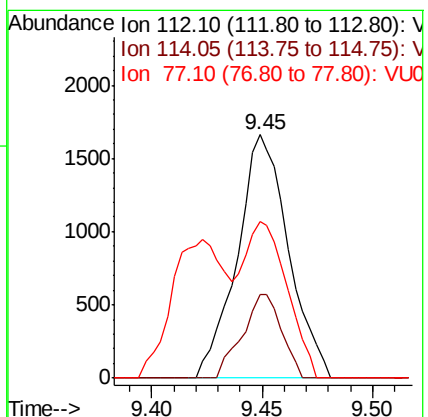
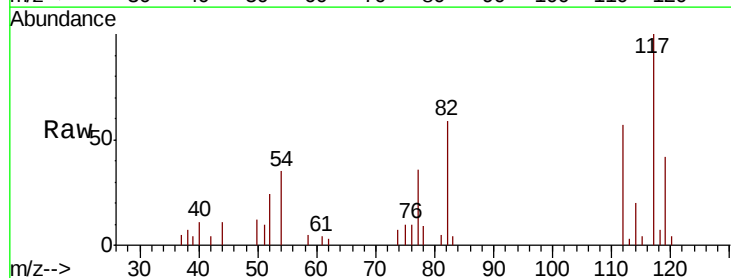
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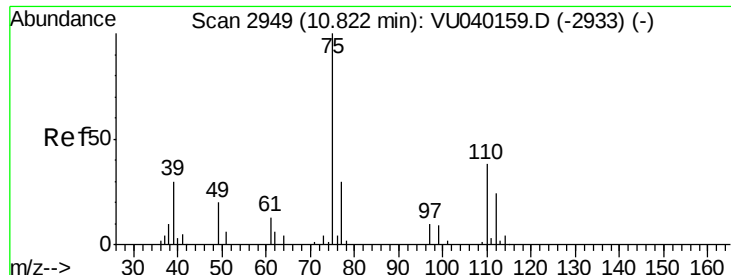
Tot Ion:	43	Resp:	12171
Ion	Ratio	Lower	Upper
43	100		
58	29.0	39.6	59.4#
57	26.9	14.3	21.5#
100	0.0	8.0	12.0#



#51
Chlorobenzene
Concen: 0.109 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040172.D
Acq: 17 Sep 2020 01:25

Tgt Ion:	112	Resp:	2675
Ion	Ratio	Lower	Upper
112	100		
114	34.4	22.7	42.3
77	64.3	53.2	79.8





#59

1,2,3-Trichloropropane

Concen: 0.988 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040172.D

Acq: 17 Sep 2020 01:25

Instrument :

MSVOA_U

ClientSampleId :

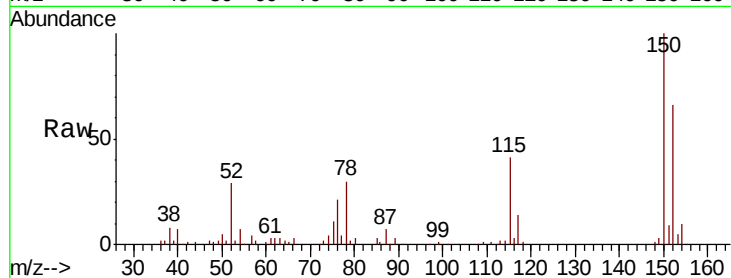
BG0P9

Tot Ion: 75 Resp: 7576

Ion Ratio Lower Upper

75 100

77 36.1 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

