

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040372.D
 Acq On : 29 Sep 2020 20:51
 Operator : SY/MD
 Sample : L4186-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0D9

Quant Time: Sep 30 02:56:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 02:48:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	122869	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127468	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55363	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28825	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.92	69	27721	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.58	63	45831	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.65	46	159818	52.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.78%
24) Chloroform-d	5.08	84	69550	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.72	65	45116	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.75	84	124251	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.70	67	45588	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.91	98	98006	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.19	79	17052	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	109795	48.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44713	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	46257	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

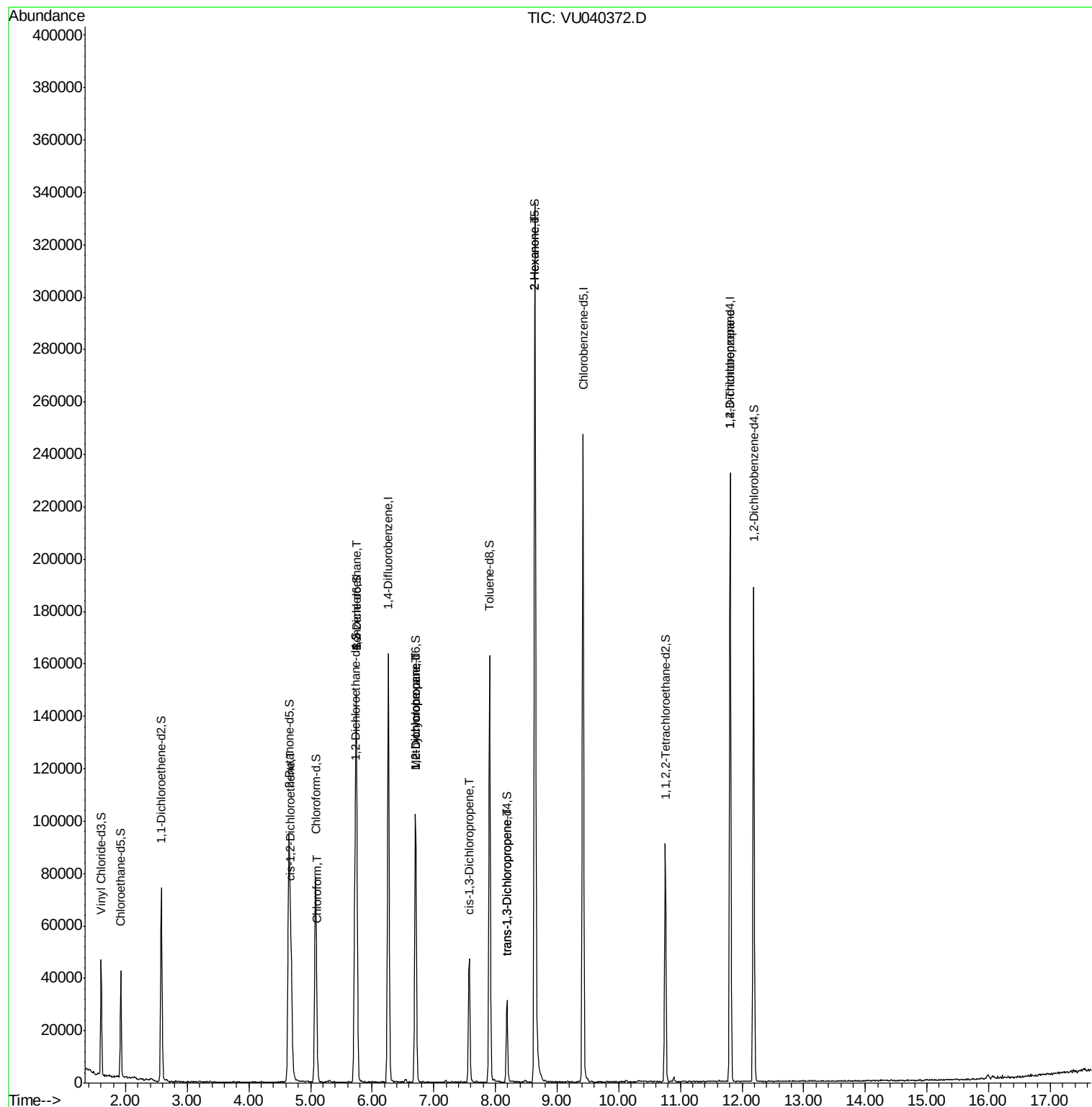
					Ovalue
22) cis-1,2-Dichloroethene	4.69	96	13854	1.294 ug/L	93
25) Chloroform	5.11	83	2985	0.147 ug/L	89
27) 1,2-Dichloroethane	5.74	62	751	0.054 ug/L #	74
35) Methylcyclohexane	6.70	83	10191	0.612 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5134	0.431 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1261	0.079 ug/L	86
44) trans-1,3-Dichloropropene	8.18	75	707	0.048 ug/L #	63
48) 2-Hexanone	8.64	43	15736	2.291 ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	8130	0.942 ug/L	96

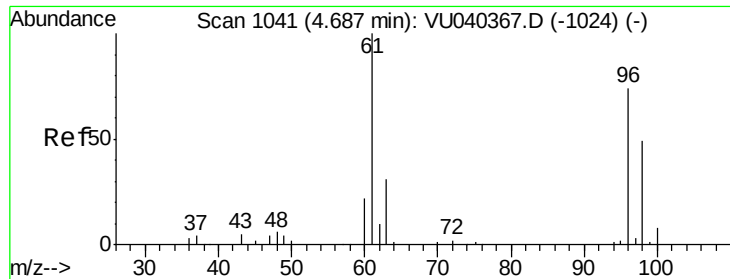
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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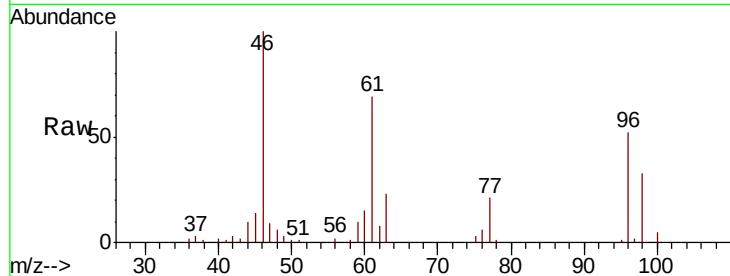




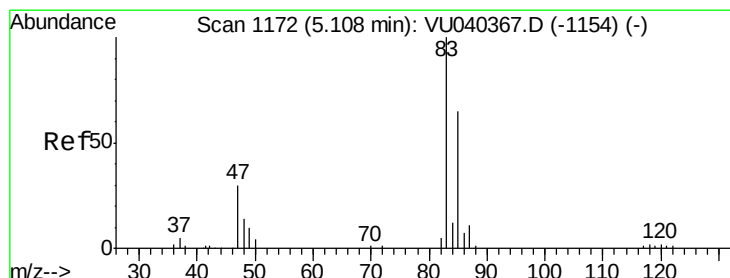
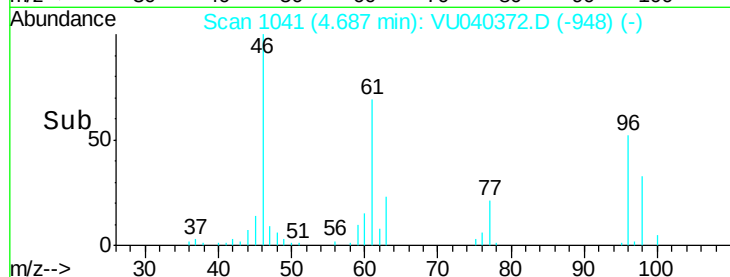
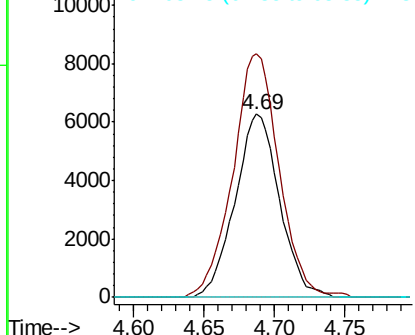
#22
 cis-1,2-Dichloroethene
 Concen: 1.294 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: VU040372.D
 Acq: 29 Sep 2020 20:51

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0D9

Tot Ion: 96 Resp: 13854
 Ion Ratio Lower Upper
 96 100
 61 133.1 99.3 184.5
 68 0.0 0.0 0.0

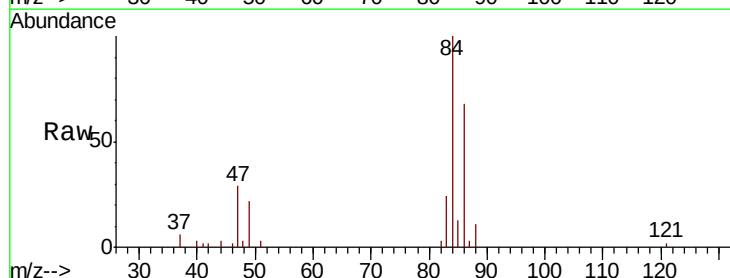


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

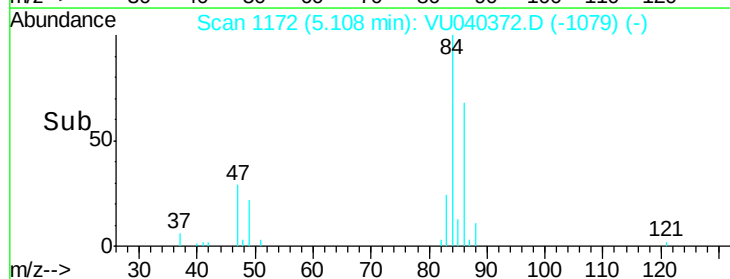
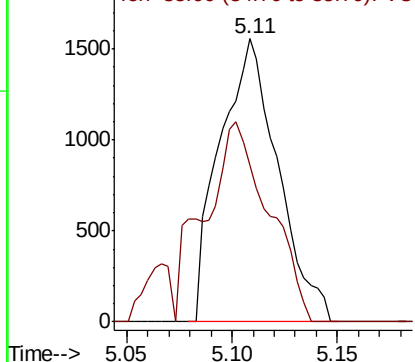


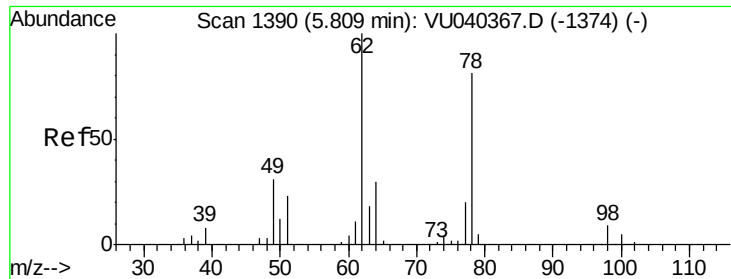
#25
 Chloroform
 Concen: 0.147 ug/L
 RT: 5.11 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: VU040372.D
 Acq: 29 Sep 2020 20:51

Tgt Ion: 83 Resp: 2985
 Ion Ratio Lower Upper
 83 100
 85 55.1 44.6 82.8



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

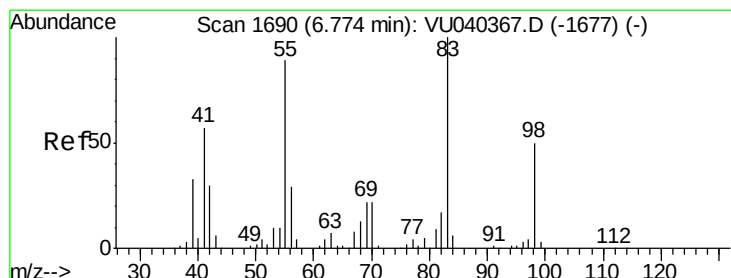
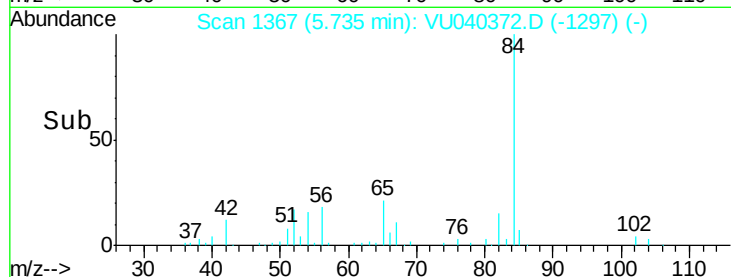
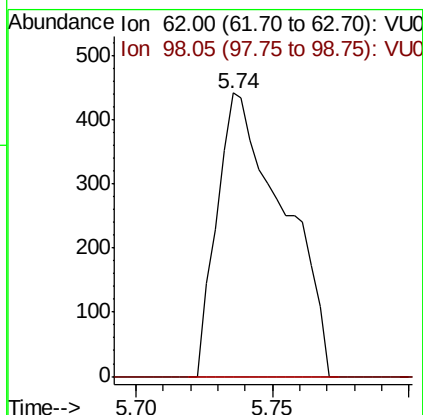
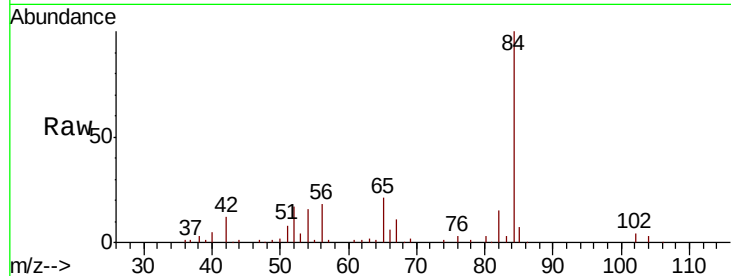




#27
 1,2-Dichloroethane
 Concen: 0.054 ug/L
 RT: 5.74 min Scan# 1367
 Delta R.T. -0.07 min
 Lab File: VU040372.D
 Acq: 29 Sep 2020 20:51

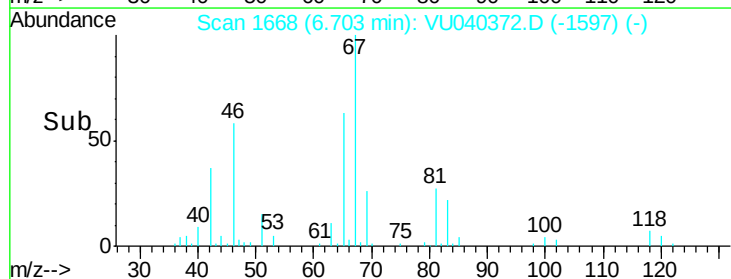
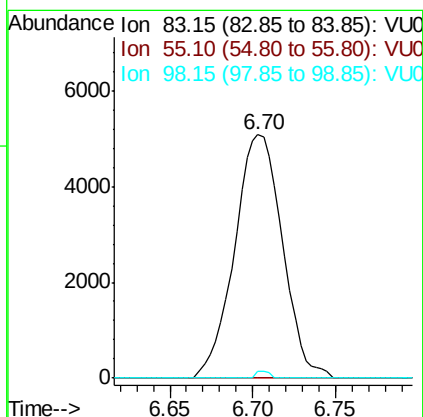
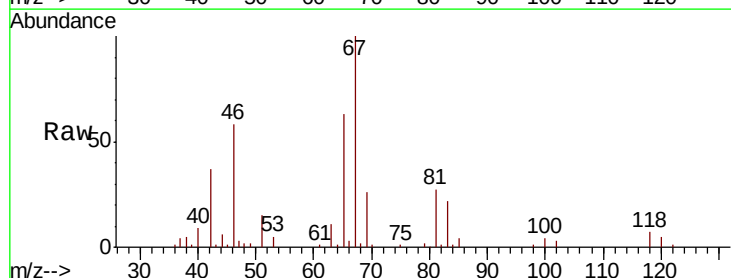
Instrument :
 MSVOA_U
 ClientSampleId :
 BG0D9

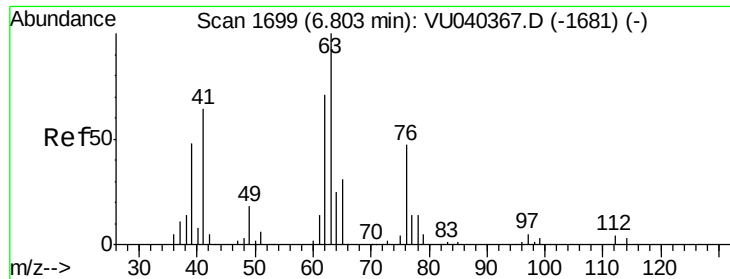
Tot Ion: 62 Resp: 751
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#35
 Methylcyclohexane
 Concen: 0.612 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040372.D
 Acq: 29 Sep 2020 20:51

Tgt Ion: 83 Resp: 10191
 Ion Ratio Lower Upper
 83 100
 55 0.0 71.4 107.2#
 98 0.8 38.5 57.7#

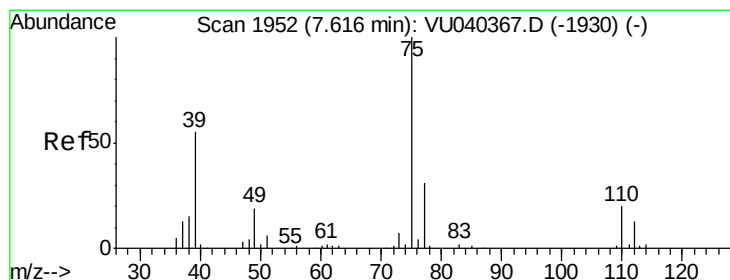
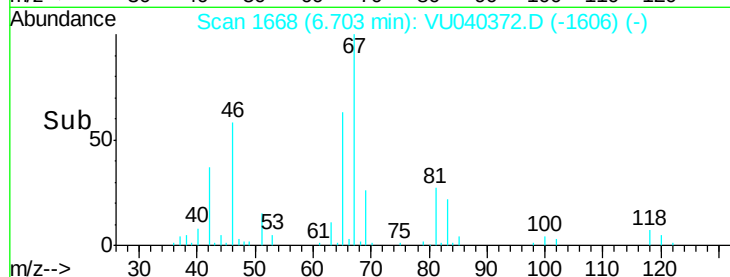
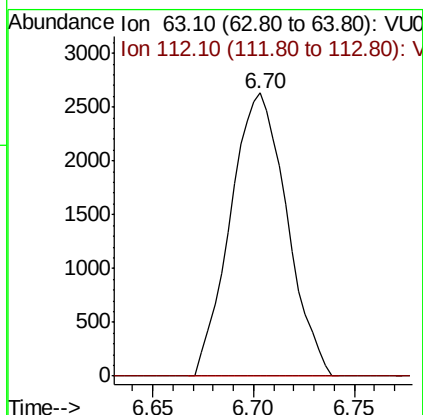
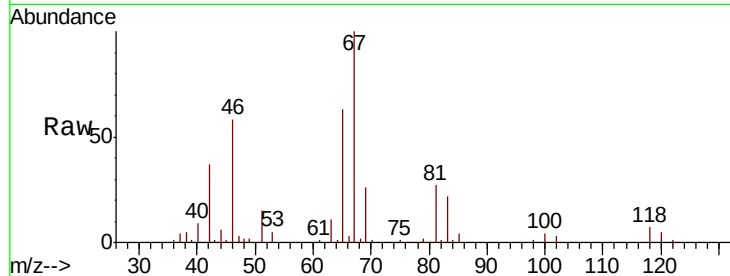




#37
 1,2-Dichloropropane
 Concen: 0.431 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040372.D
 Acq: 29 Sep 2020 20:51

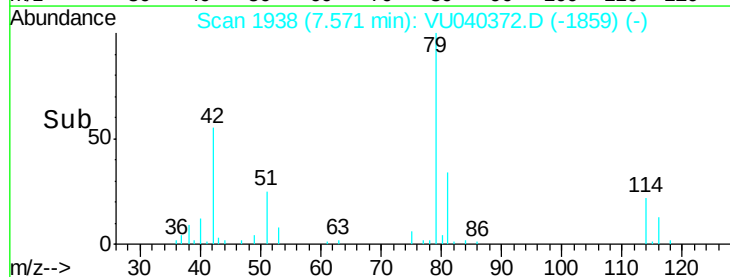
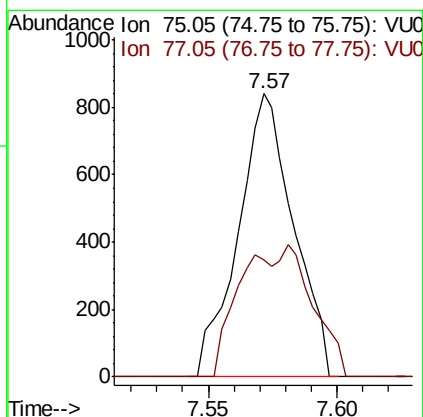
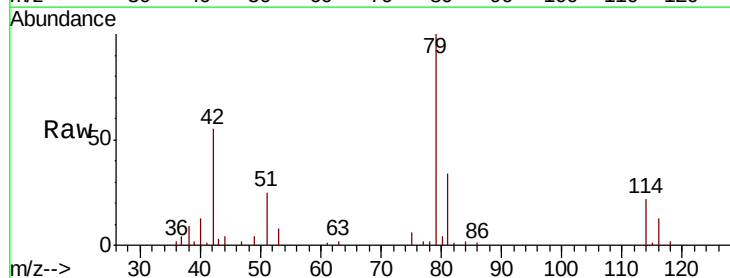
Instrument :
 MSVOA_U
 ClientSampled :
 BG0D9

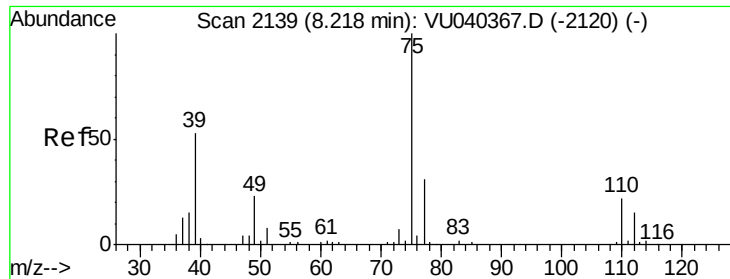
Tot Ion: 63 Resp: 5134
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.05 min
 Lab File: VU040372.D
 Acq: 29 Sep 2020 20:51

Tgt Ion: 75 Resp: 1261
 Ion Ratio Lower Upper
 75 100
 77 41.3 23.5 43.7





#44

trans-1,3-Dichloropropene

Concen: 0.048 ug/L

RT: 8.18 min Scan# 2127

Delta R.T. -0.04 min

Lab File: VU040372.D

Acq: 29 Sep 2020 20:51

Instrument :

MSVOA_U

ClientSampleId :

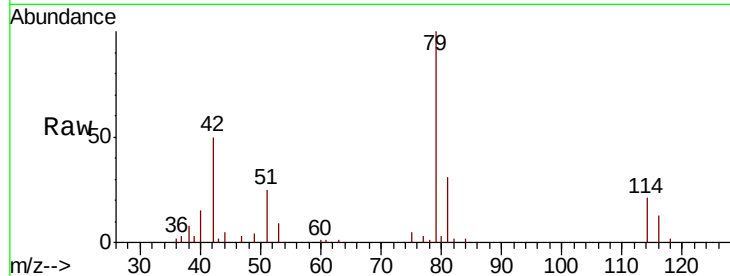
BG0D9

Tot Ion: 75 Resp: 707

Ion Ratio Lower Upper

75 100

77 52.4 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.18

500

400

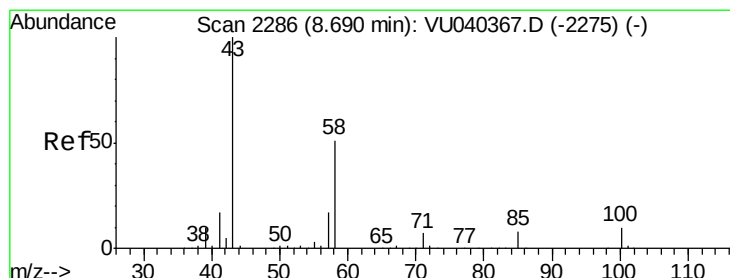
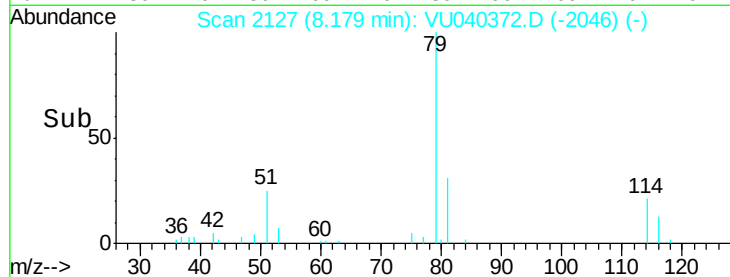
300

200

100

0

Time--> 8.14 8.16 8.18 8.20 8.22



#48

2-Hexanone

Concen: 2.291 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU040372.D

Acq: 29 Sep 2020 20:51

Tgt Ion: 43 Resp: 15736

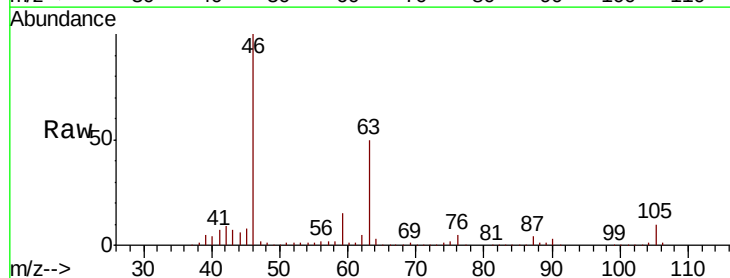
Ion Ratio Lower Upper

43 100

58 29.2 41.0 61.4#

57 28.2 14.6 22.0#

100 1.4 8.2 12.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

12000

10000

8000

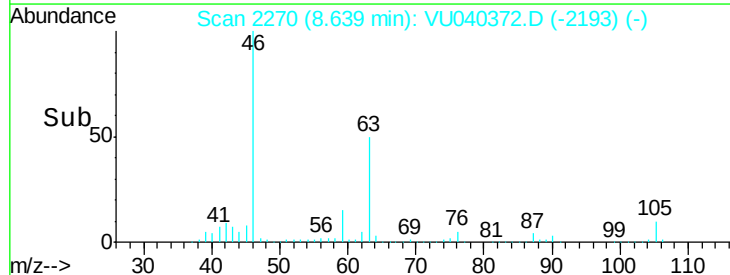
6000

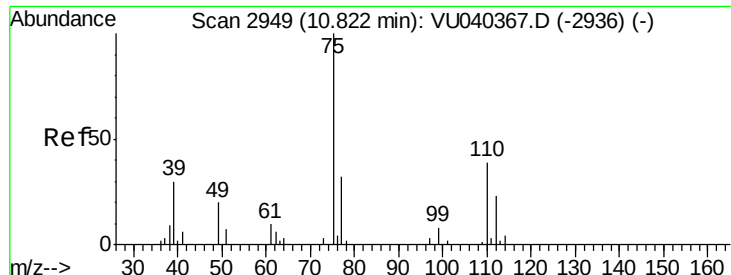
4000

2000

0

Time--> 8.60 8.65





#59

1,2,3-Trichloropropane

Concen: 0.942 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040372.D

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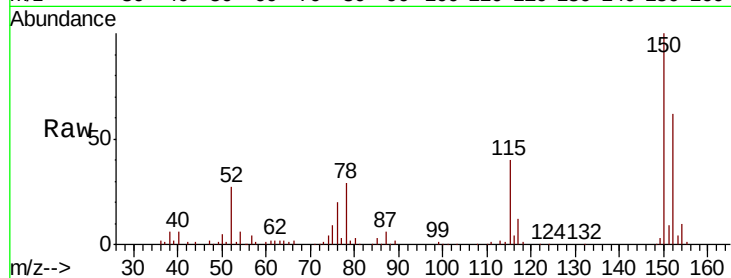
BG0D9

Tot Ion: 75 Resp: 8130

Ion Ratio Lower Upper

75 100

77 34.6 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

