

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092120\
 Data File : VU040228.D
 Acq On : 21 Sep 2020 11:40
 Operator : SY/MD
 Sample : L4063-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH6

Quant Time: Sep 22 07:14:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 22 07:07:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127293	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125317	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30177	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.92	69	28294	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.58	63	53109	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.66	46	147121	52.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.84%
24) Chloroform-d	5.08	84	75647	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.72	65	47412	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.74	84	135539	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.70	67	45731	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.90	98	106605	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	8.18	79	19087	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.64	63	103831	49.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42589	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	45286	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

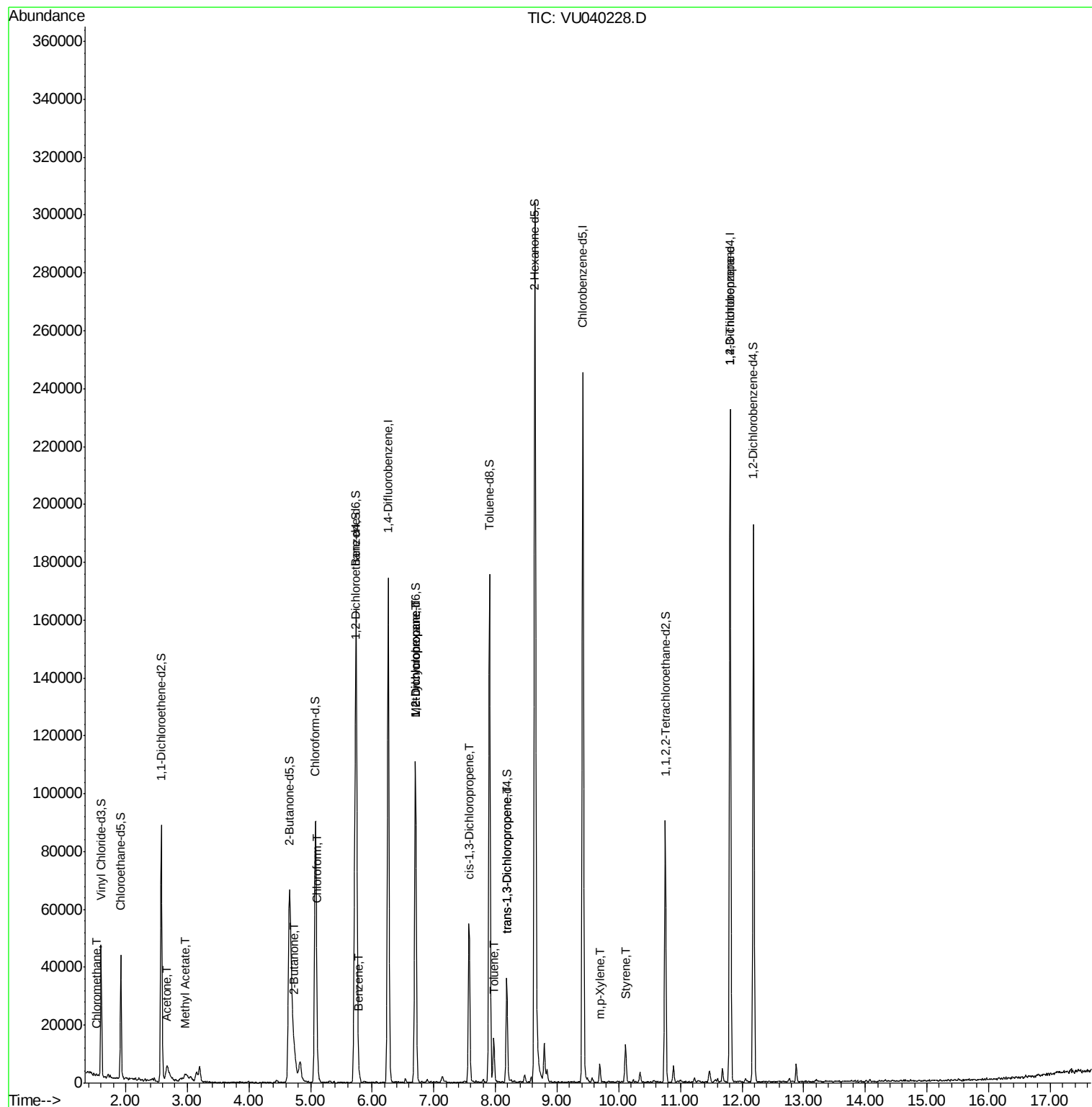
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	571	0.047	ug/L	97
13) Acetone	2.67	43	5440	2.114	ug/L	83
15) Methyl Acetate	2.97	43	2458	0.381	ug/L #	87
21) 2-Butanone	4.74	43	3572	0.850	ug/L	93
25) Chloroform	5.11	83	3196	0.143	ug/L	100
33) Benzene	5.79	78	2527	0.056	ug/L	100
35) Methylcyclohexane	6.70	83	11589	0.629	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5587	0.460	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1448	0.081	ug/L #	68
42) Toluene	7.97	91	10229	0.222	ug/L	93
44) trans-1,3-Dichloropropene	8.19	75	978	0.059	ug/L #	78
53) m,p-Xylene	9.69	106	2057	0.110	ug/L	80
55) Styrene	10.11	104	5430	0.175	ug/L	98
59) 1,2,3-Trichloropropane	11.81	75	7673	0.853	ug/L	89

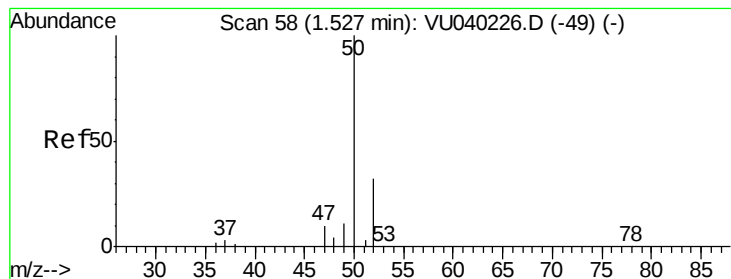
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 22 07:07:10 2020
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#3

Chloromethane

Concen: 0.047 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040228.D

Acq: 21 Sep 2020 11:40

Instrument :

MSVOA_U

ClientSampleId :

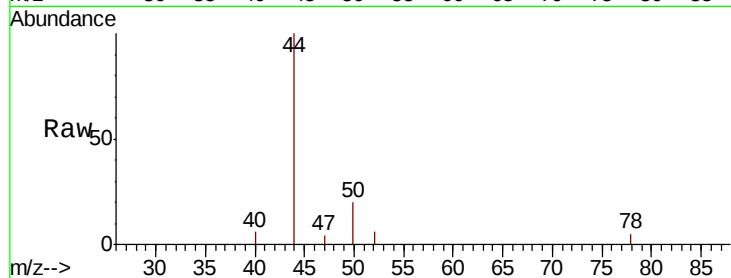
C0AH6

Tot Ion: 50 Resp: 571

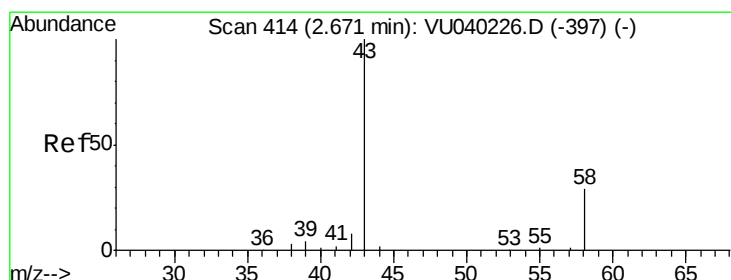
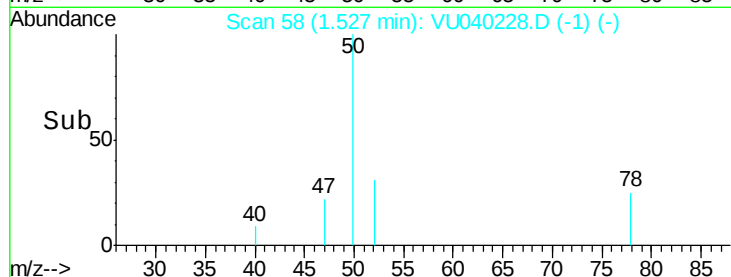
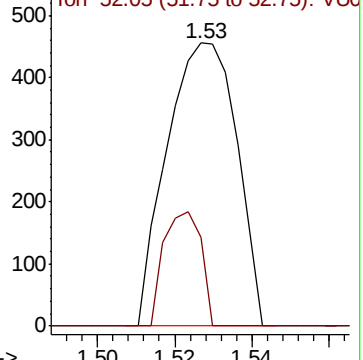
Ion Ratio Lower Upper

50 100

52 31.1 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU040228.D (-1) (-)



#13

Acetone

Concen: 2.114 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU040228.D

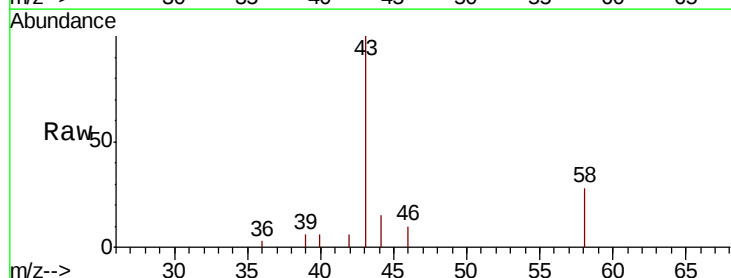
Acq: 21 Sep 2020 11:40

Tgt Ion: 43 Resp: 5440

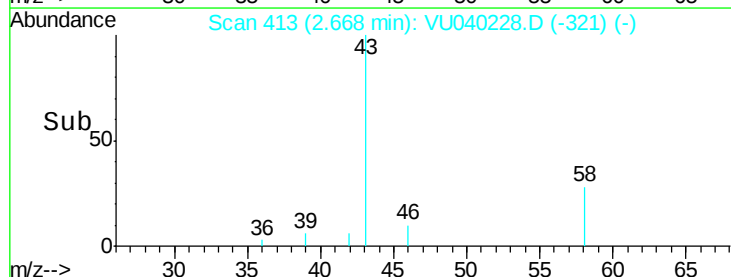
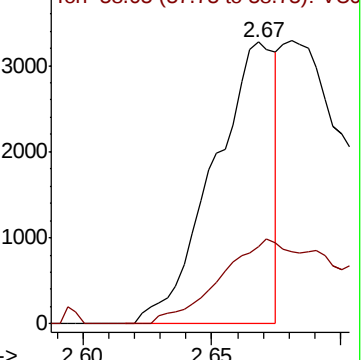
Ion Ratio Lower Upper

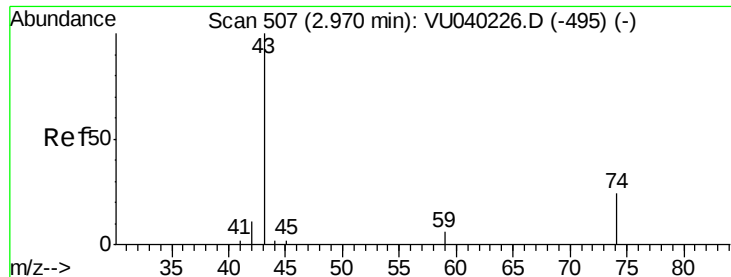
43 100

58 36.3 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040228.D (-321) (-)

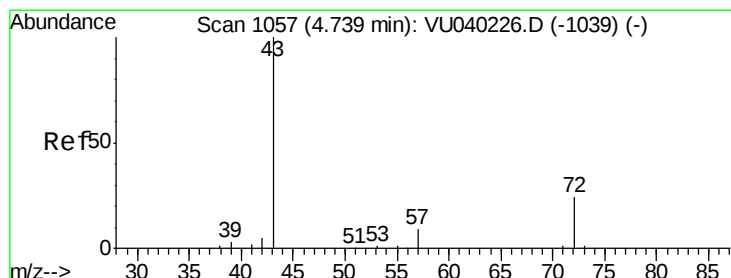
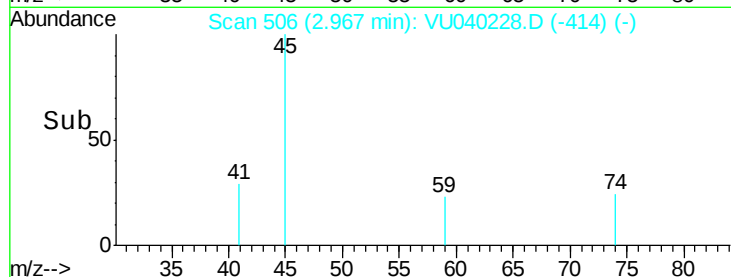
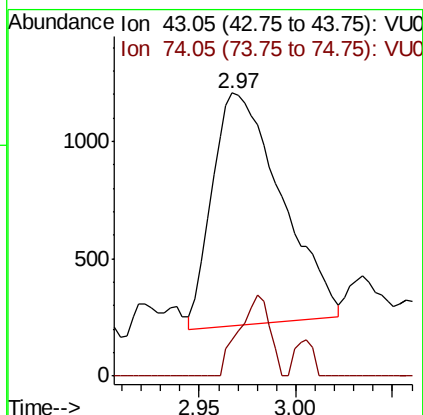
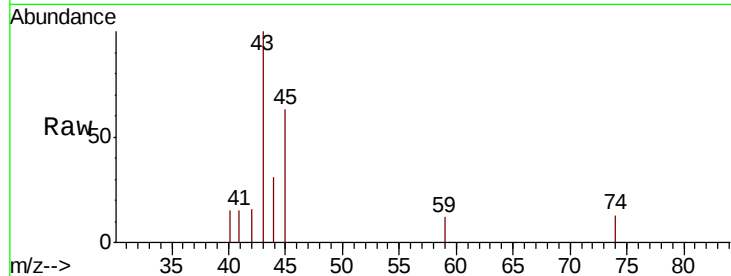




#15
Methvl Acetate
Concen: 0.381 ug/L
RT: 2.97 min Scan# 506
Delta R.T. -0.00 min
Lab File: VU040228.D
Acq: 21 Sep 2020 11:40

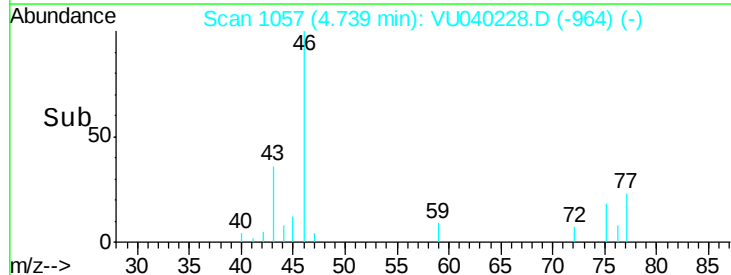
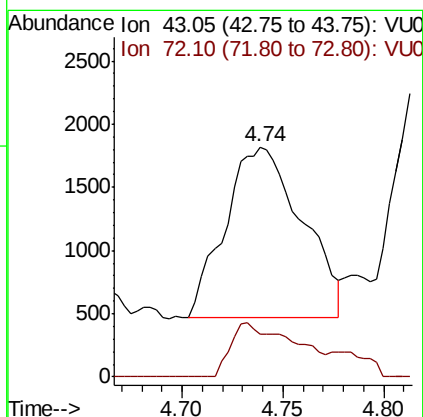
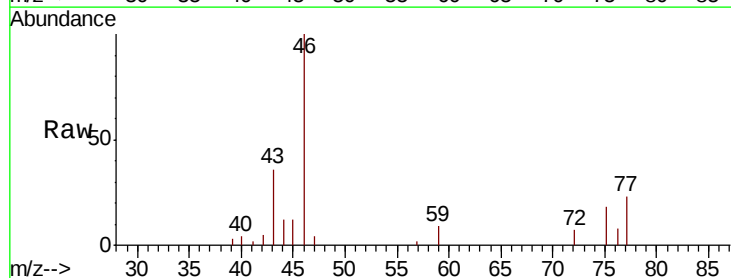
Instrument :
MSVOA_U
ClientSampleId :
C0AH6

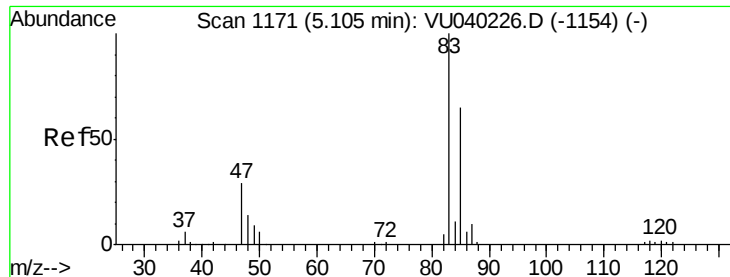
Tot Ion: 43 Resp: 2458
Ion Ratio Lower Upper
43 100
74 15.5 17.4 26.0#



#21
2-Butanone
Concen: 0.850 ug/L
RT: 4.74 min Scan# 1057
Delta R.T. -0.00 min
Lab File: VU040228.D
Acq: 21 Sep 2020 11:40

Tgt Ion: 43 Resp: 3572
Ion Ratio Lower Upper
43 100
72 26.7 11.7 35.0

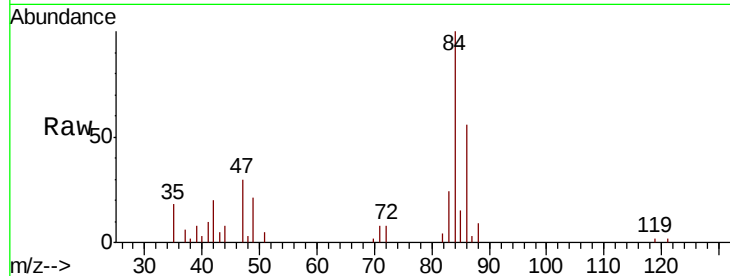




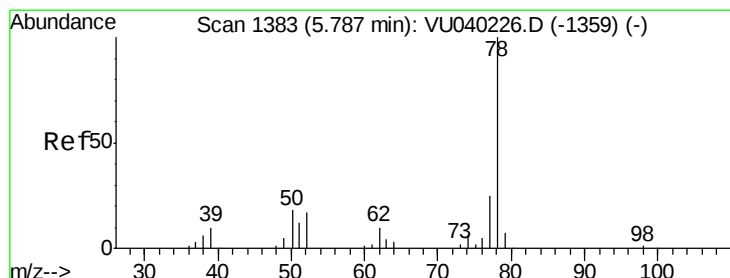
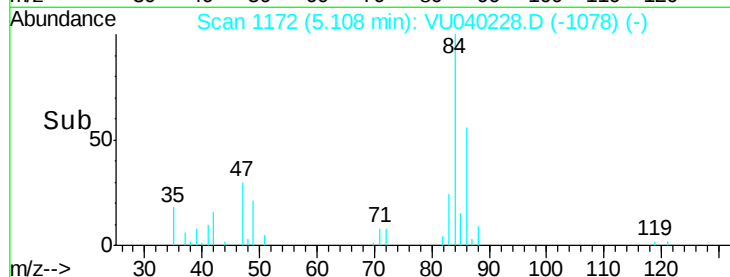
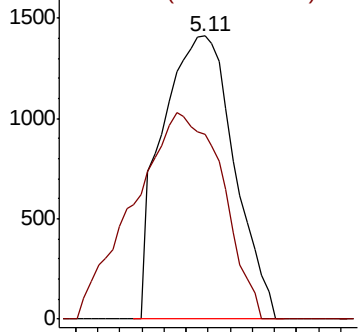
#25
Chloroform
Concen: 0.143 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040228.D
Acq: 21 Sep 2020 11:40

Instrument :
MSVOA_U
ClientSampleId :
C0AH6

Tot Ion: 83 Resp: 3196
Ion Ratio Lower Upper
83 100
85 65.1 45.3 84.1

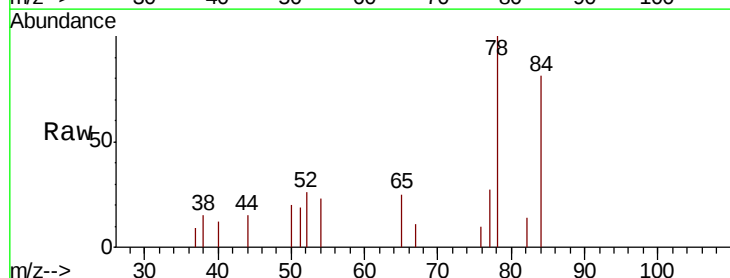


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

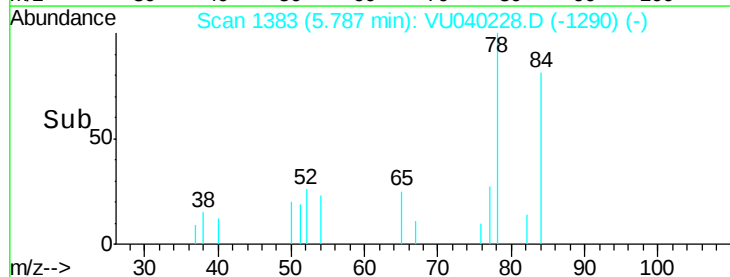
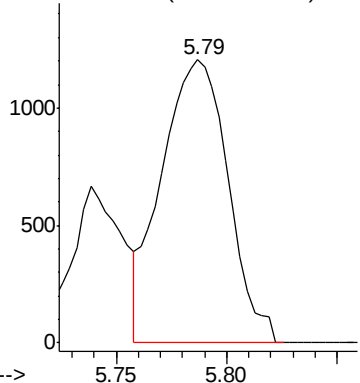


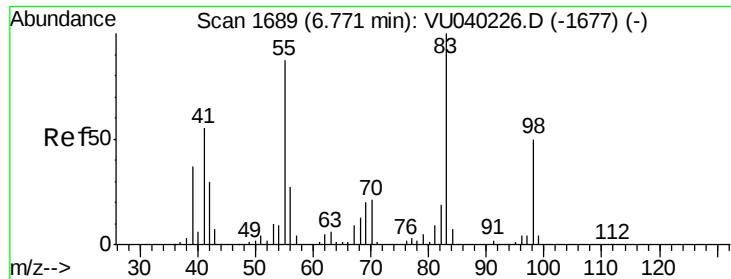
#33
Benzene
Concen: 0.056 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU040228.D
Acq: 21 Sep 2020 11:40

Tgt Ion: 78 Resp: 2527



Abundance Ion 78.10 (77.80 to 78.80): VU0

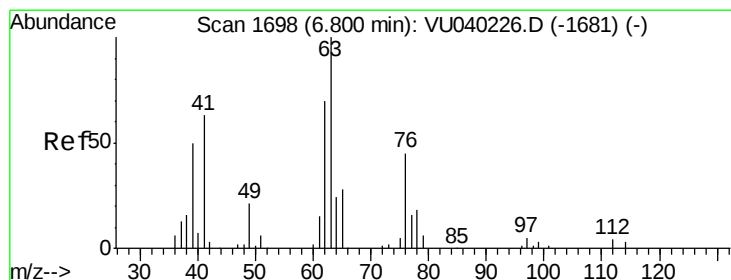
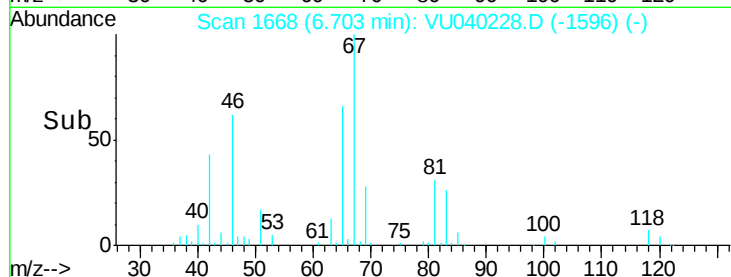
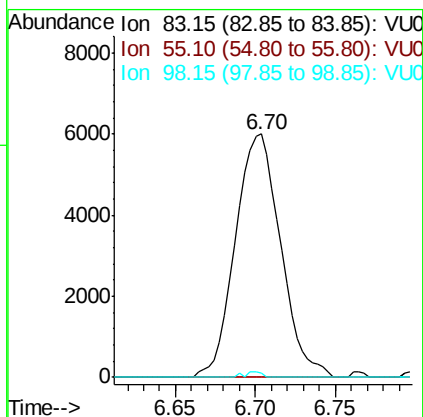
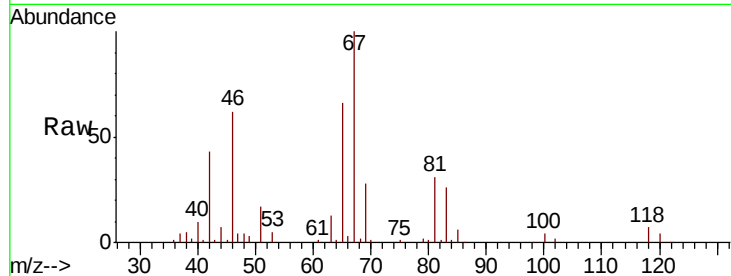




#35
Methvlcvclohexane
Concen: 0.629 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040228.D
Acq: 21 Sep 2020 11:40

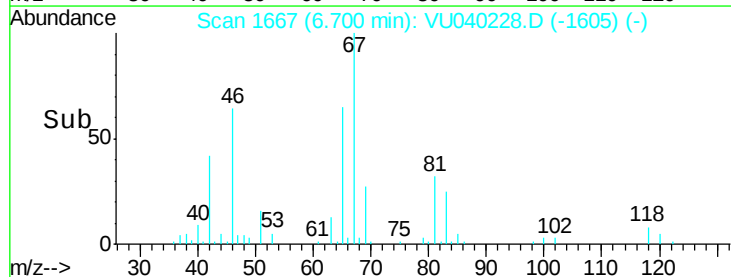
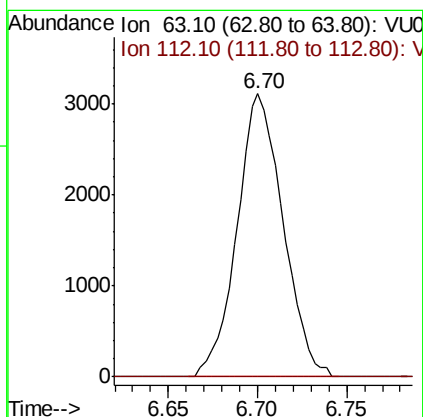
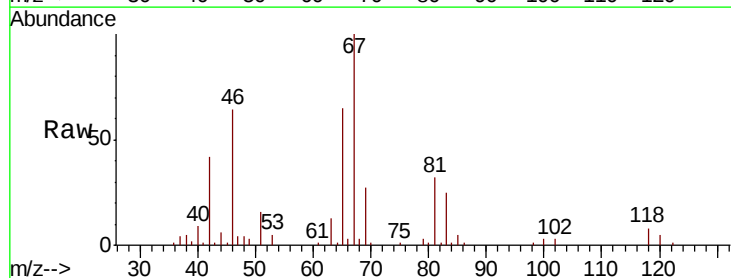
Instrument :
MSVOA_U
ClientSampleId :
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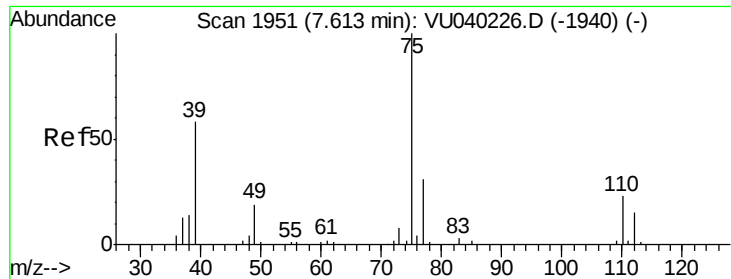
Tot Ion: 83 Resp: 11589
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.8 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.460 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040228.D
Acq: 21 Sep 2020 11:40

Tgt Ion: 63 Resp: 5587
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

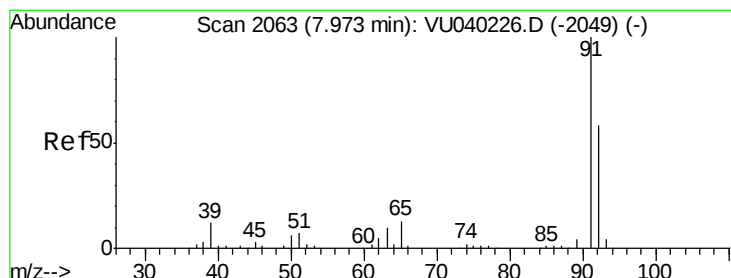
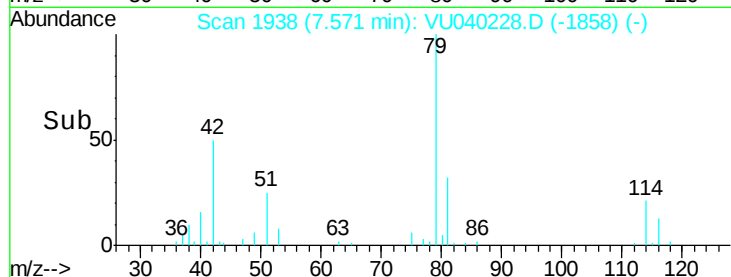
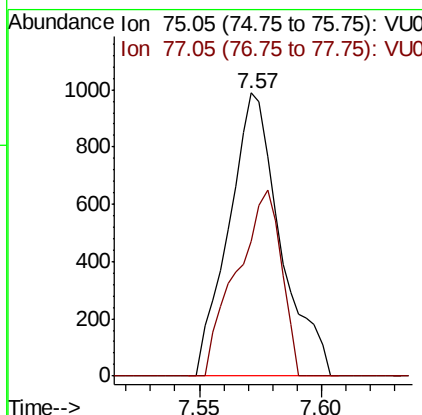
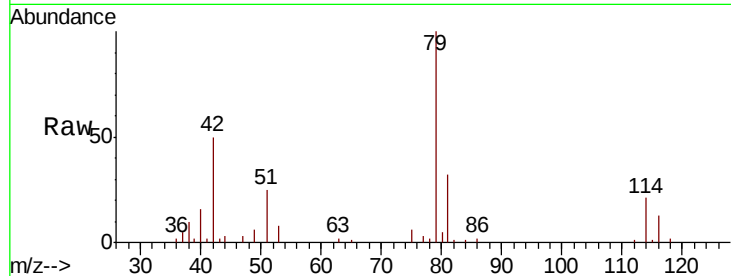




#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040228.D
 Acq: 21 Sep 2020 11:40

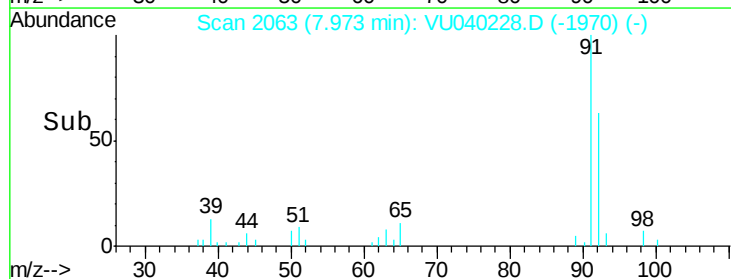
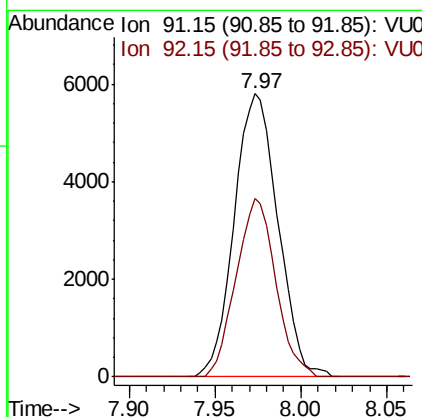
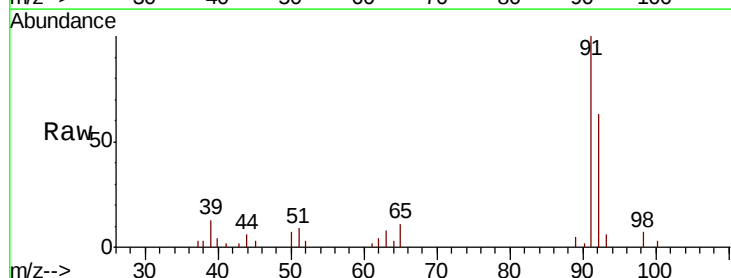
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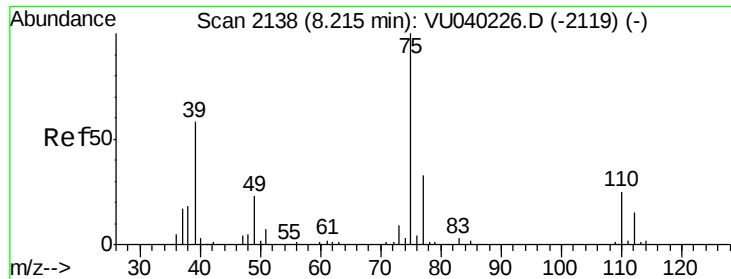
Tot Ion: 75 Resp: 1448
 Ion Ratio Lower Upper
 75 100
 77 47.5 21.1 39.3#



#42
 Toluene
 Concen: 0.222 ug/L
 RT: 7.97 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VU040228.D
 Acq: 21 Sep 2020 11:40

Tgt Ion: 91 Resp: 10229
 Ion Ratio Lower Upper
 91 100
 92 63.1 40.7 75.5





#44

trans-1,3-Dichloropropene

Concen: 0.059 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040228.D

Acq: 21 Sep 2020 11:40

Instrument :

MSVOA_U

ClientSampleId :

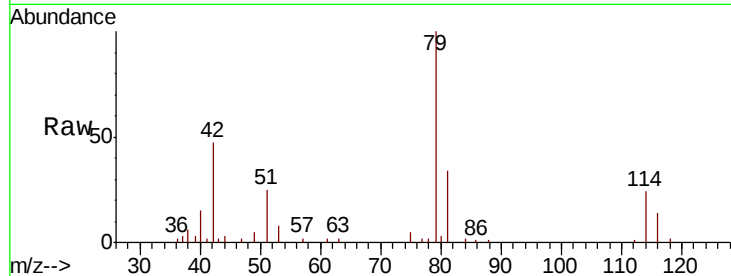
C0AH6

Tot Ion: 75 Resp: 978

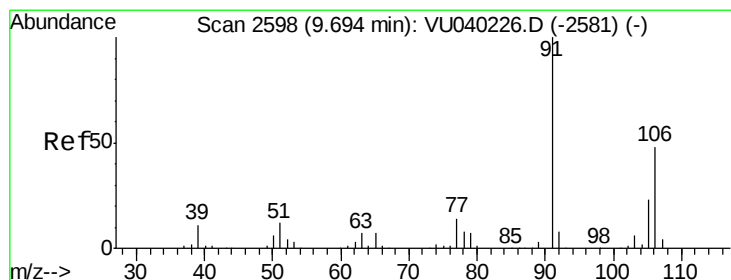
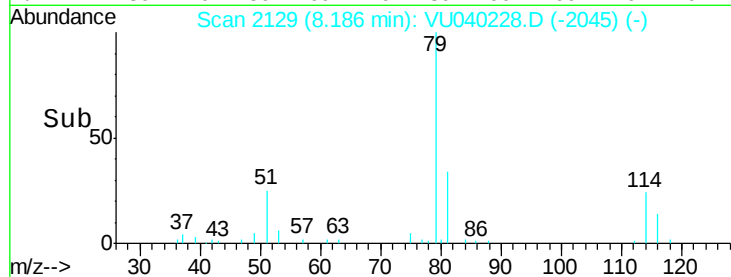
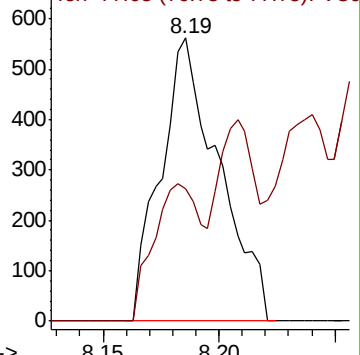
Ion Ratio Lower Upper

75 100

77 46.6 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU040228.D (-2119) (-)



#53

m,p-Xylene

Concen: 0.110 ug/L

RT: 9.69 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VU040228.D

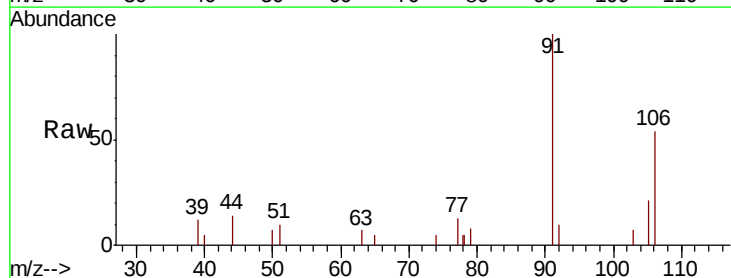
Acq: 21 Sep 2020 11:40

Tgt Ion: 106 Resp: 2057

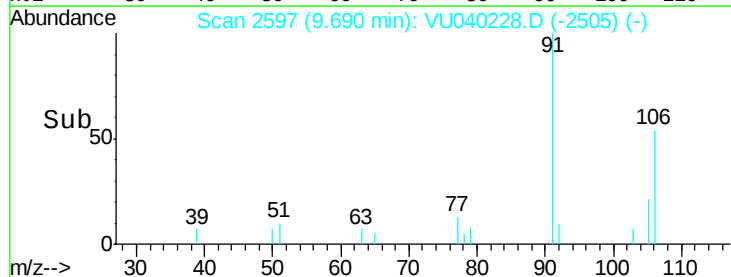
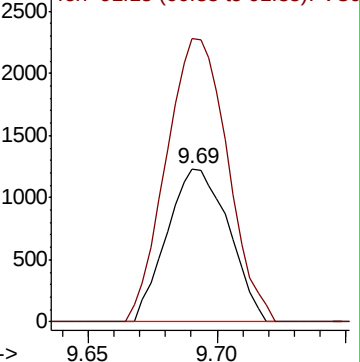
Ion Ratio Lower Upper

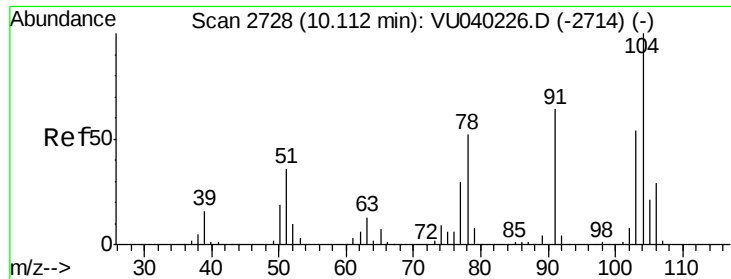
106 100

91 184.5 151.7 281.7



Abundance Ion 106.15 (105.85 to 106.85): VU040228.D (-2581) (-)





#55

Stvrene

Concen: 0.175 ug/L

RT: 10.11 min Scan# 2728

Delta R.T. -0.00 min

Lab File: VU040228.D

Acq: 21 Sep 2020 11:40

Instrument :

MSVOA_U

ClientSampleId :

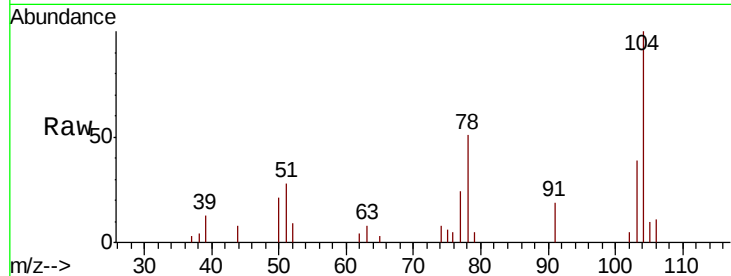
C0AH6

Tot Ion:104 Resp: 5430

Ion Ratio Lower Upper

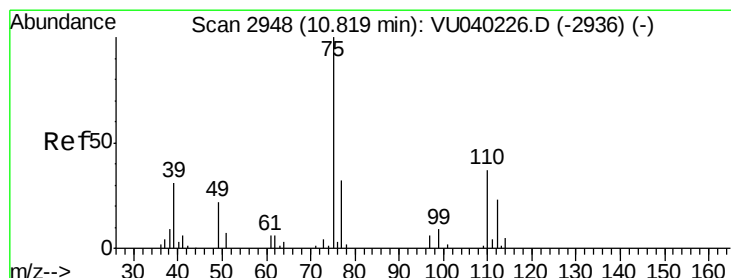
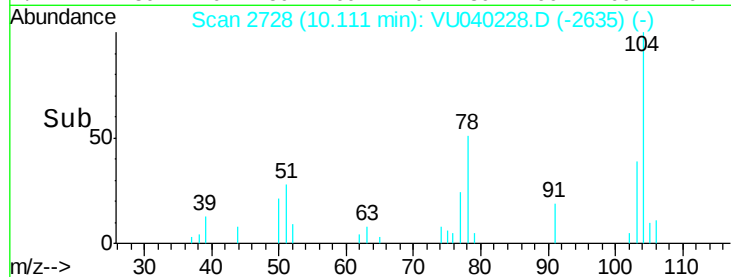
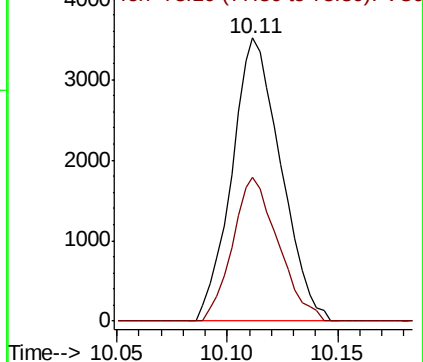
104 100

78 51.0 36.8 68.3



Abundance Ion 104.10 (103.80 to 104.80): VU040226.D

Ion 78.10 (77.80 to 78.80): VU040226.D



#59

1,2,3-Trichloropropane

Concen: 0.853 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040228.D

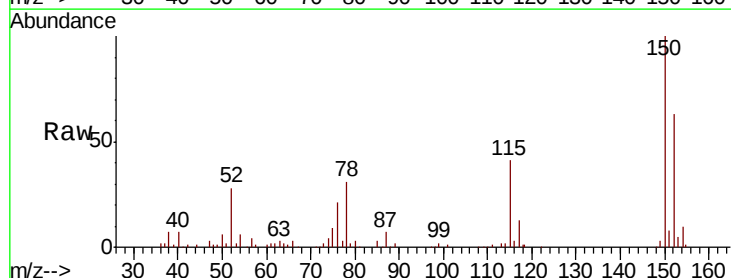
Acq: 21 Sep 2020 11:40

Tgt Ion: 75 Resp: 7673

Ion Ratio Lower Upper

75 100

77 37.2 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU040226.D

Ion 77.00 (76.70 to 77.70): VU040226.D

