

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040296.D
 Acq On : 25 Sep 2020 13:42
 Operator : SY/MD
 Sample : L4147-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS9A9

Quant Time: Sep 26 04:51:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 04:43:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	122920	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123824	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56376	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33636	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.92	69	31440	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.58	63	52483	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.66	46	158389	59.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.00%
24) Chloroform-d	5.08	84	71942	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.72	65	46120	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.74	84	137432	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.70	67	47414	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.91	98	108961	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.19	79	17355	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.64	63	107699	51.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	41591	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	45622	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

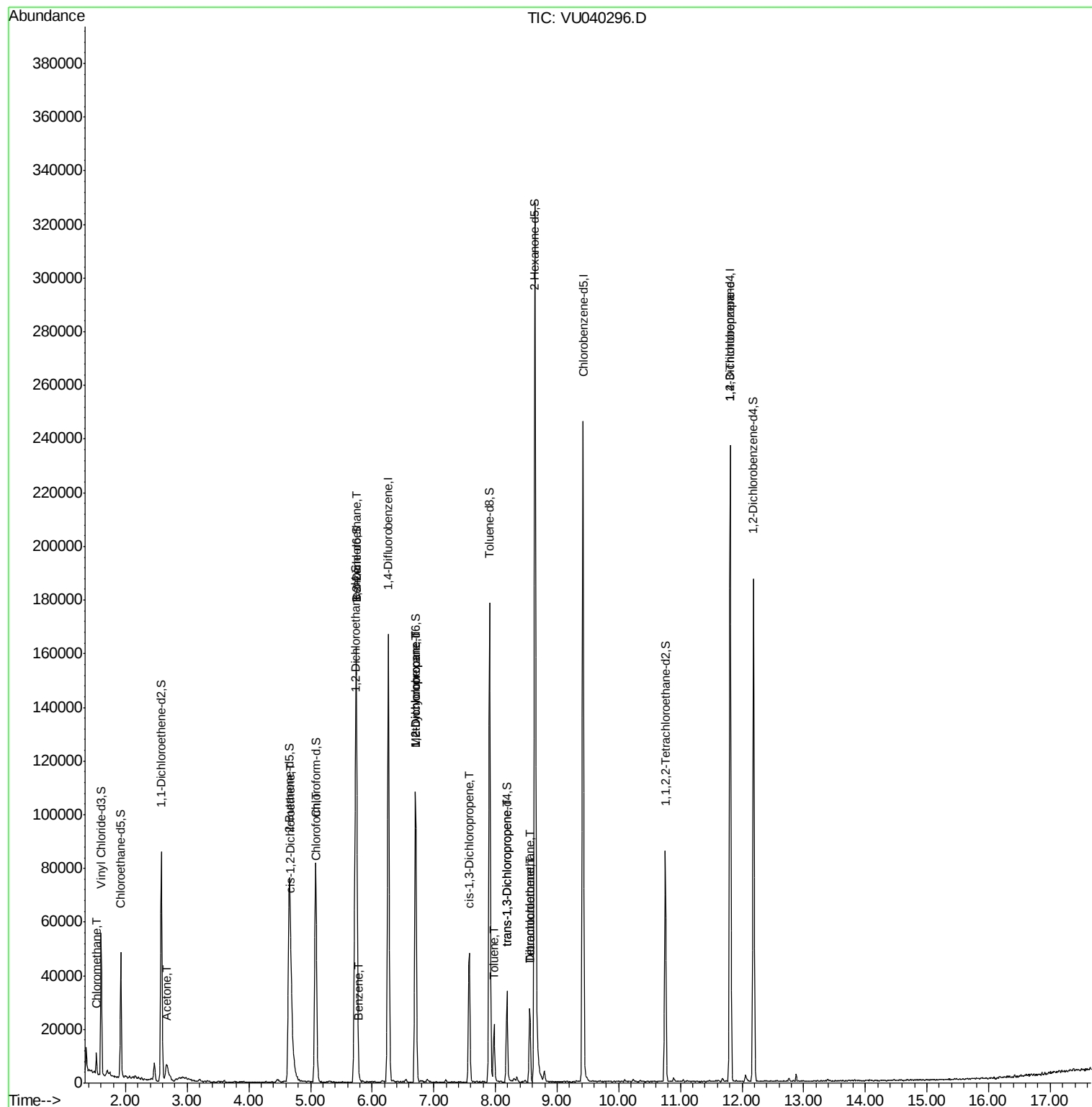
					Ovalue
3) Chloromethane	1.53	50	4822	0.413 ug/L	99
13) Acetone	2.66	43	12836	5.165 ug/L	74
22) cis-1,2-Dichloroethene	4.69	96	1708	0.155 ug/L	88
25) Chloroform	5.10	83	1551	0.072 ug/L	100
27) 1,2-Dichloroethane	5.74	62	657	0.042 ug/L #	78
33) Benzene	5.79	78	1133	0.026 ug/L	100
35) Methylcyclohexane	6.70	83	10542	0.579 ug/L #	15
37) 1,2-Dichloropropane	6.70	63	5567	0.464 ug/L #	88
39) cis-1,3-Dichloropropene	7.56	75	1269	0.072 ug/L #	62
42) Toluene	7.98	91	14149	0.310 ug/L	99
44) trans-1,3-Dichloropropene	8.19	75	794	0.048 ug/L #	1
47) Tetrachloroethene	8.56	164	5451	0.698 ug/L	93
49) Dibromochloromethane	8.56	129	5574	0.531 ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	7673	0.863 ug/L #	77

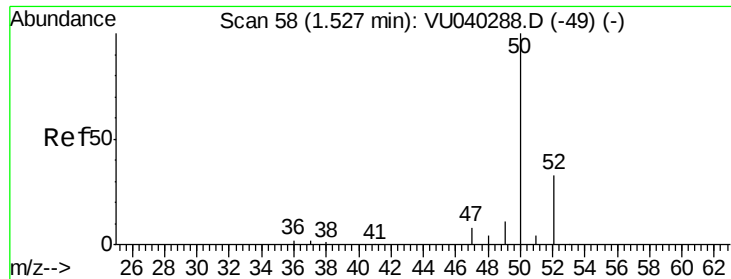
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092620\
Data File : VU040296.D
Acq On : 25 Sep 2020 13:42
Operator : SY/MD
Sample : L4147-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFS9

Quant Time: Sep 26 04:51:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 04:43:23 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.413 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040296.D

Acq: 25 Sep 2020 13:42

Instrument :

MSVOA_U

ClientSampleId :

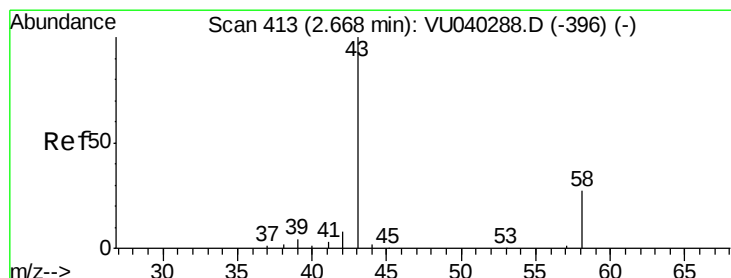
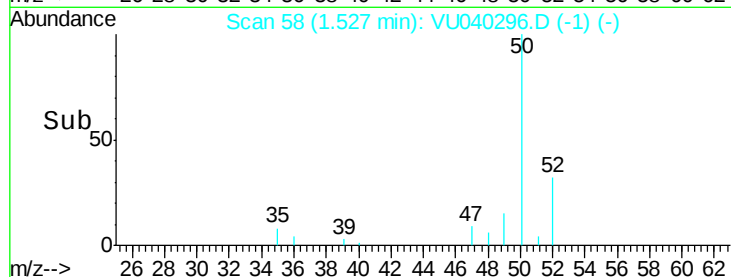
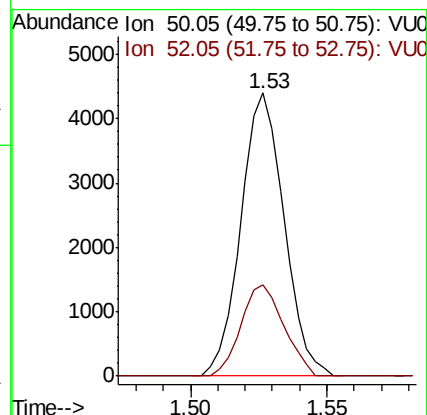
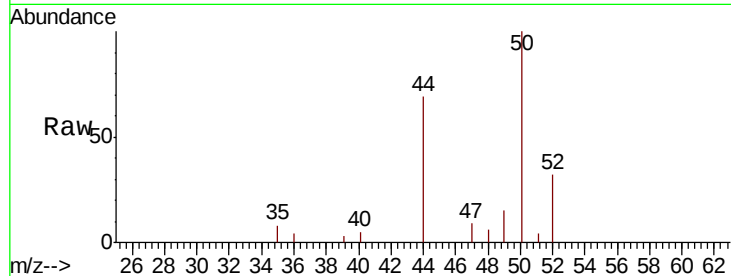
BFSA9

Tot Ion: 50 Resp: 4822

Ion Ratio Lower Upper

50 100

52 32.2 22.8 42.4



#13

Acetone

Concen: 5.165 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU040296.D

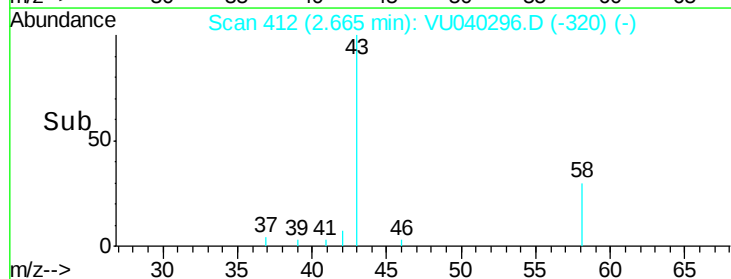
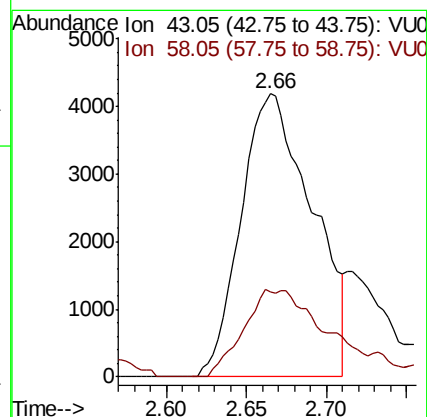
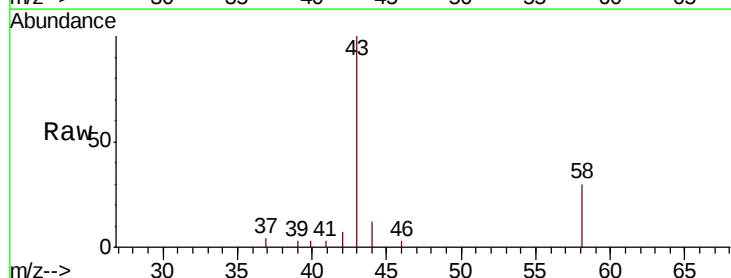
Acq: 25 Sep 2020 13:42

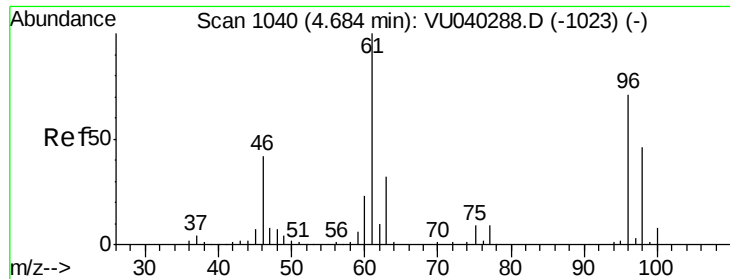
Tgt Ion: 43 Resp: 12836

Ion Ratio Lower Upper

43 100

58 14.2 0.0 55.4

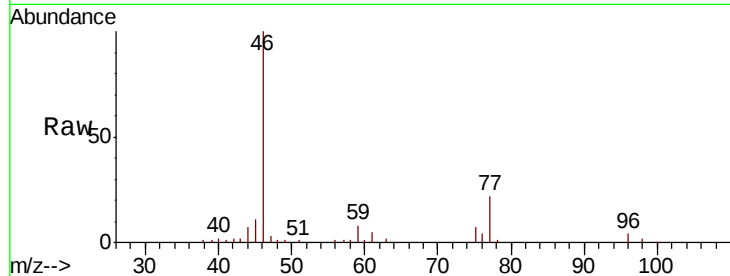




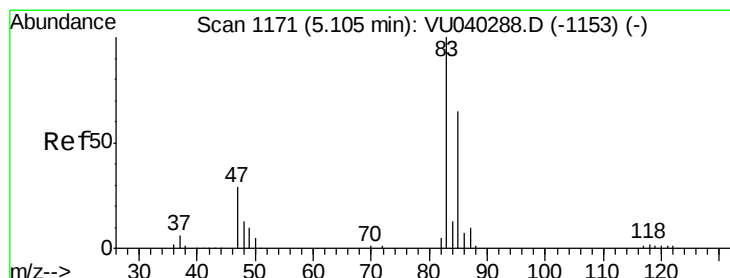
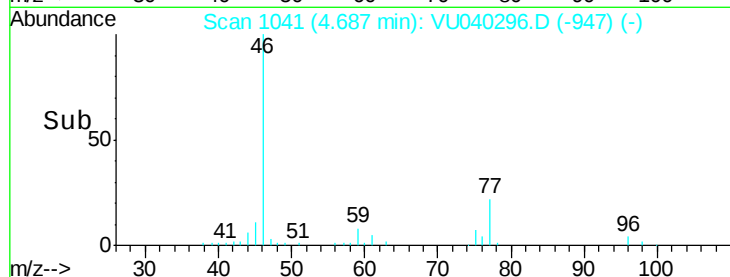
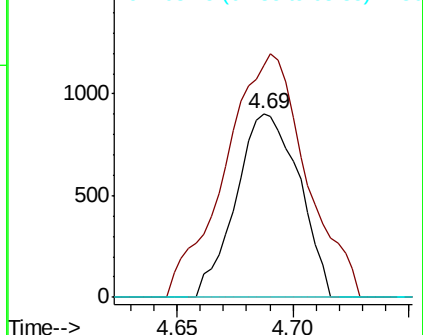
#22
 cis-1,2-Dichloroethene
 Concen: 0.155 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040296.D
 Acq: 25 Sep 2020 13:42

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS9

Tot Ion: 96 Resp: 1708
 Ion Ratio Lower Upper
 96 100
 61 126.6 98.8 183.4
 68 0.0 0.0 0.0

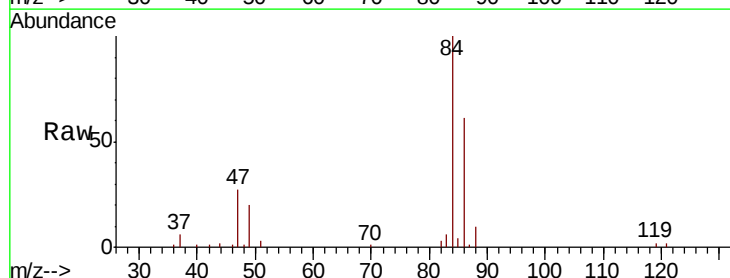


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

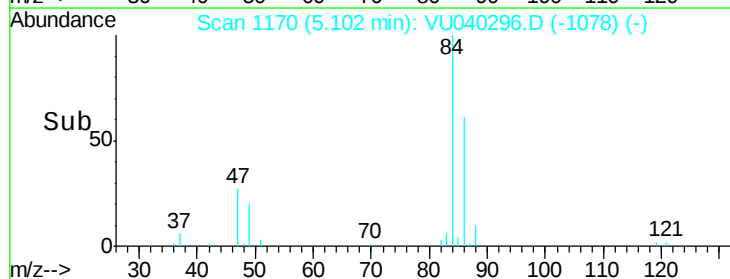
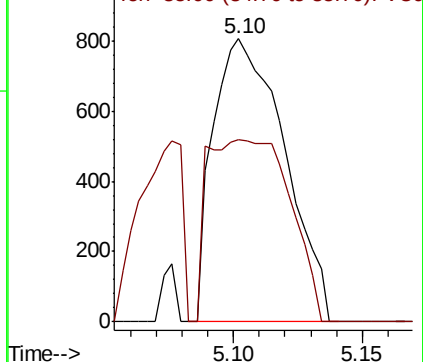


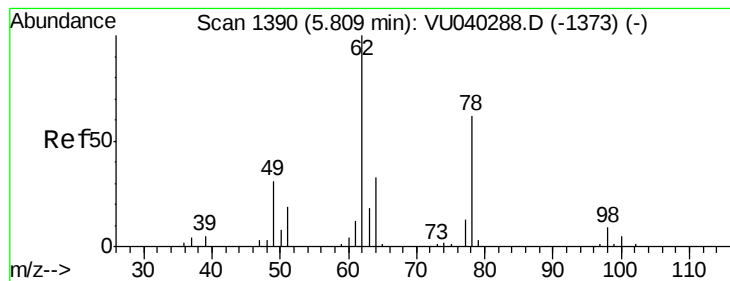
#25
 Chloroform
 Concen: 0.072 ug/L
 RT: 5.10 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: VU040296.D
 Acq: 25 Sep 2020 13:42

Tgt Ion: 83 Resp: 1551
 Ion Ratio Lower Upper
 83 100
 85 64.5 45.3 84.1



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





#27

1,2-Dichloroethane

Concen: 0.042 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.07 min

Lab File: VU040296.D

Acq: 25 Sep 2020 13:42

Instrument :

MSVOA_U

ClientSampleId :

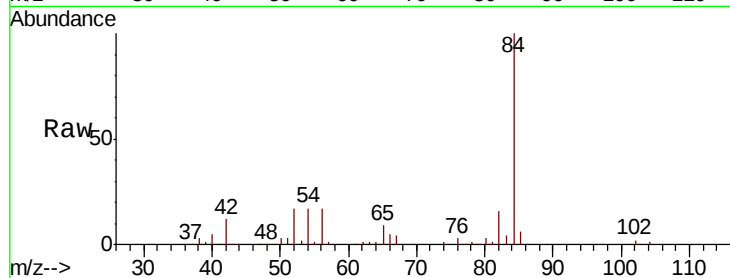
BFSA9

Tot Ion: 62 Resp: 657

Ion Ratio Lower Upper

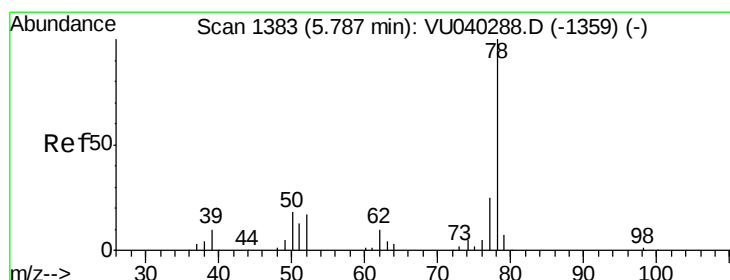
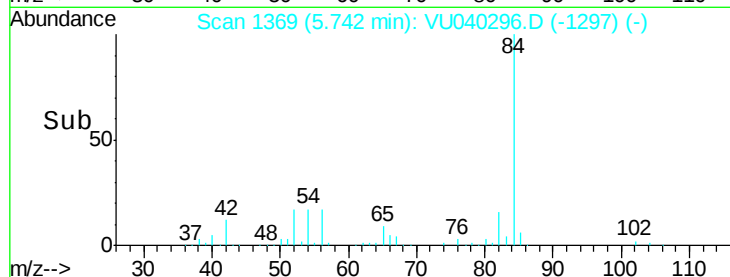
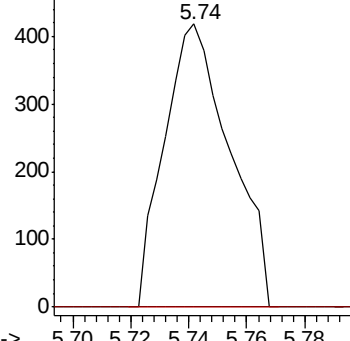
62 100

98 0.0 6.1 9.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0



#33

Benzene

Concen: 0.026 ug/L

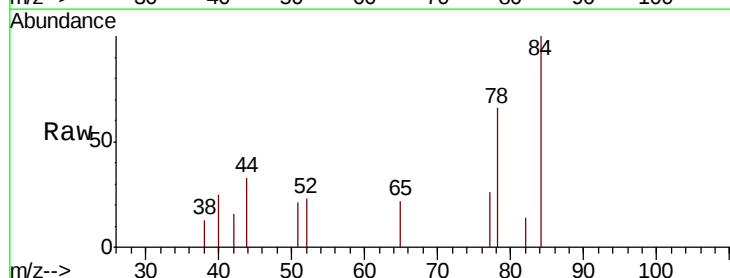
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

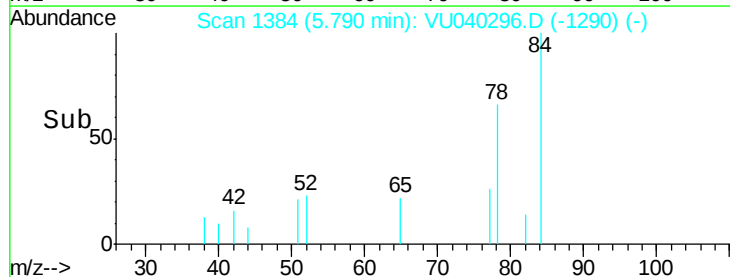
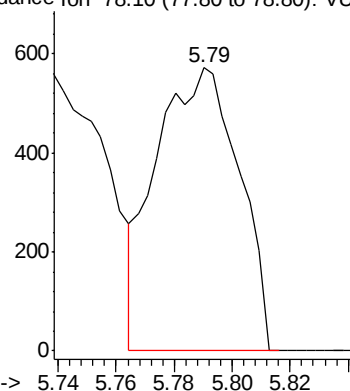
Lab File: VU040296.D

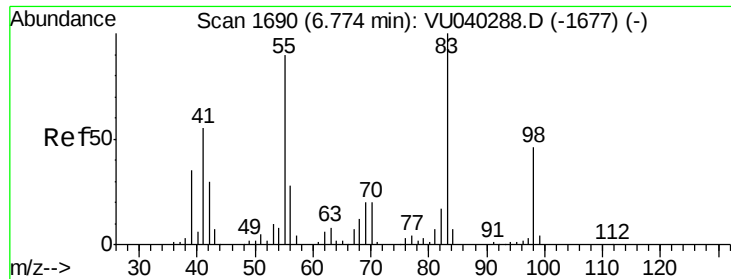
Acq: 25 Sep 2020 13:42

Tgt Ion: 78 Resp: 1133



Abundance Ion 78.10 (77.80 to 78.80): VU0

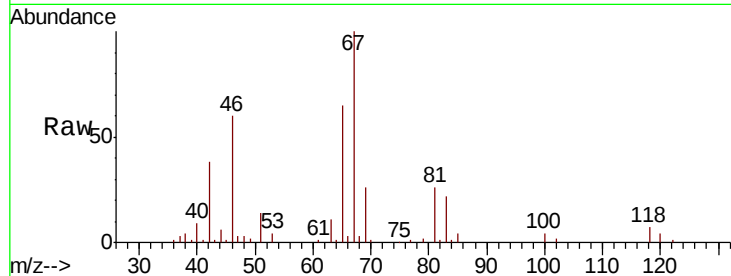




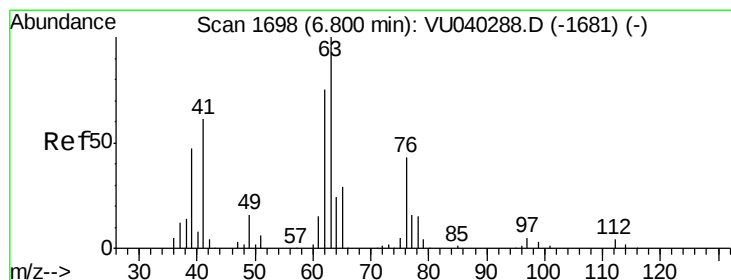
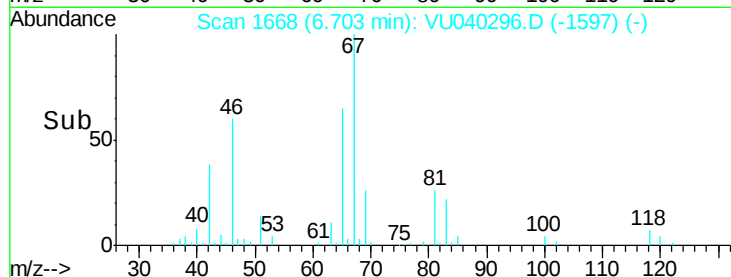
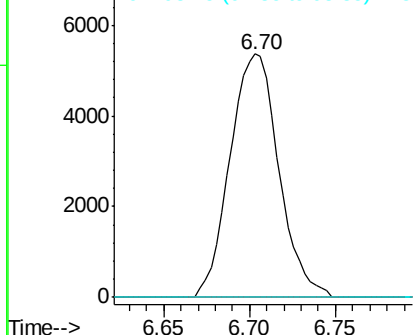
#35
Methvlcvclohexane
Concen: 0.579 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040296.D
Acq: 25 Sep 2020 13:42

Instrument :
MSVOA_U
ClientSampleId :
BFS9

Tot Ion: 83 Resp: 10542
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 2.4 37.8 56.6#

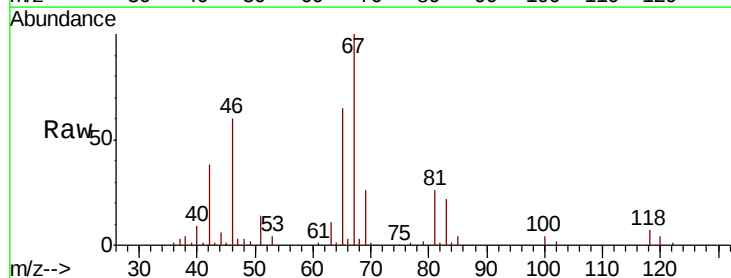


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

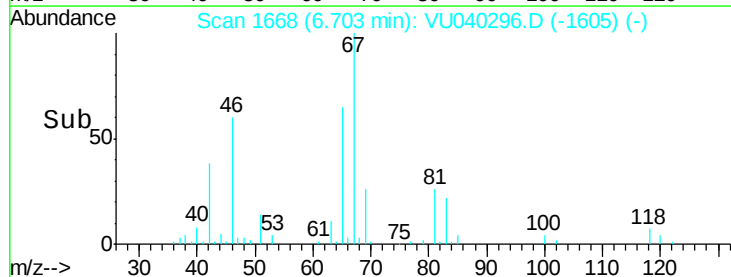
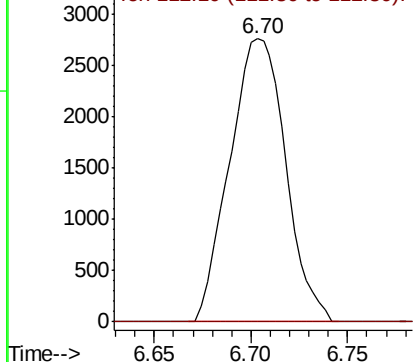


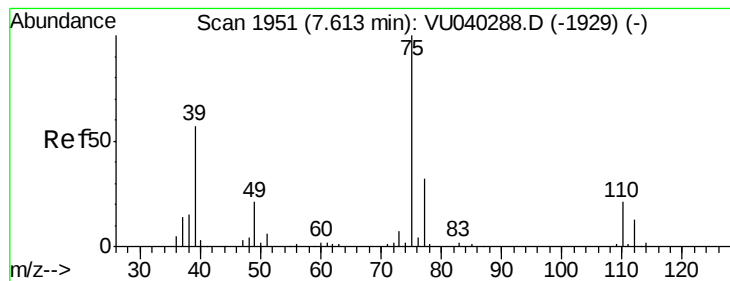
#37
1,2-Dichloropropane
Concen: 0.464 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040296.D
Acq: 25 Sep 2020 13:42

Tgt Ion: 63 Resp: 5567
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



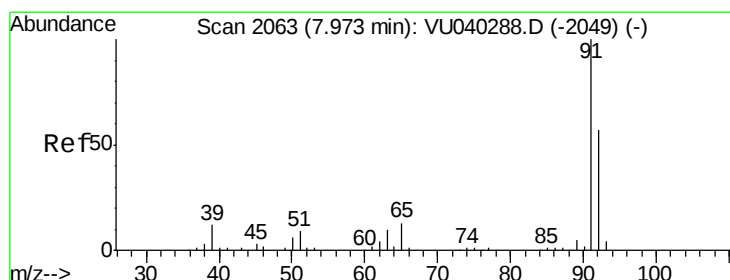
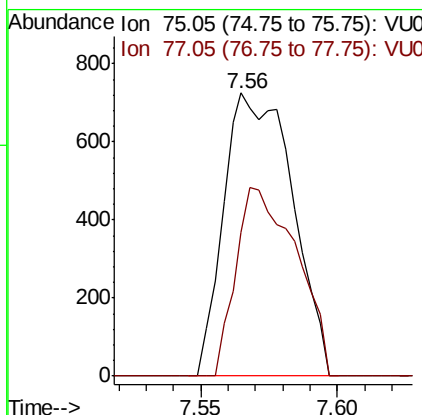
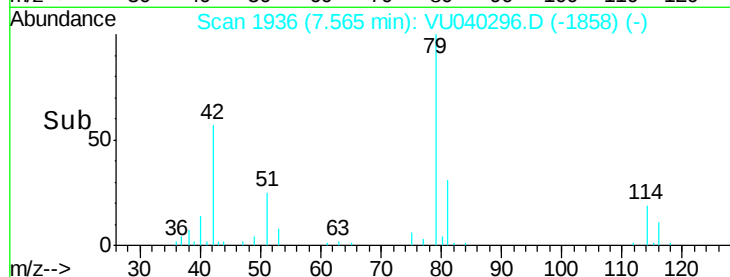
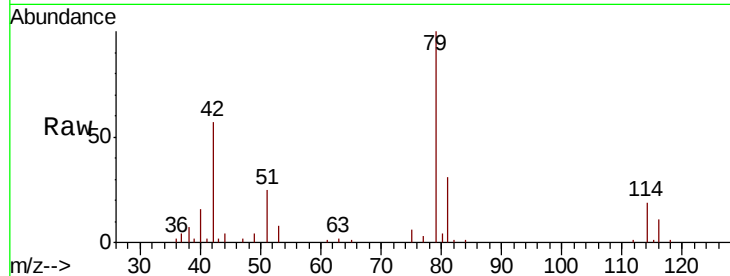


#39

cis-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.56 min Scan# 1936
Delta R.T. -0.05 min
Lab File: VU040296.D
Acq: 25 Sep 2020 13:42

Instrument :
MSVOA_U
ClientSampleId :
BFS9

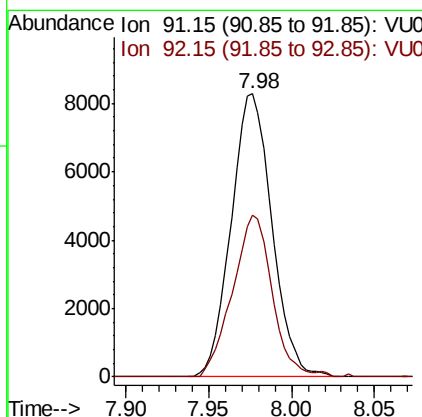
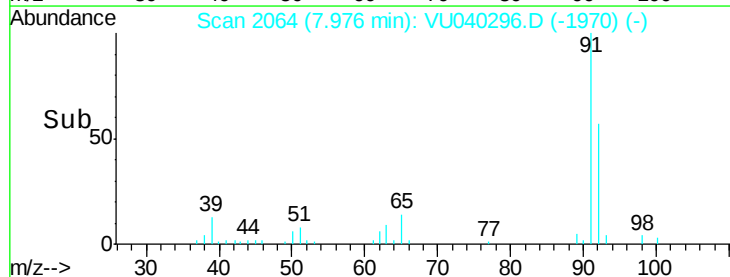
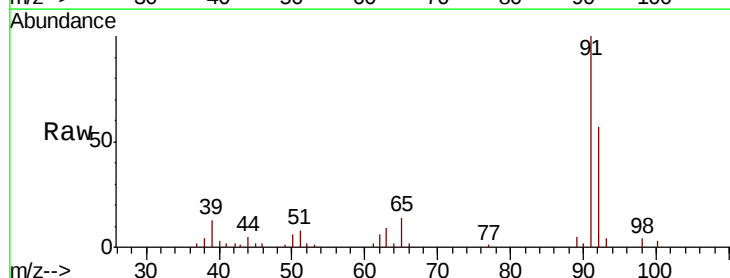
Tot Ion: 75 Resp: 1269
Ion Ratio Lower Upper
75 100
77 50.9 21.1 39.3#

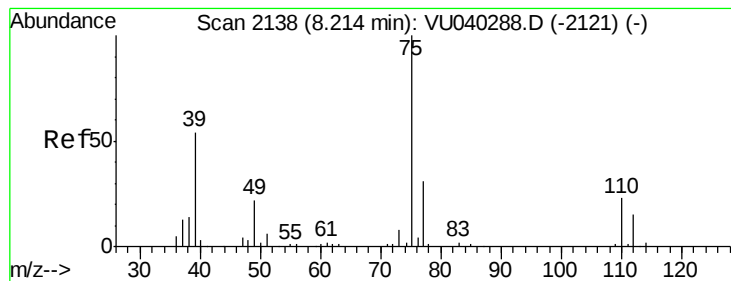


#42

Toluene
Concen: 0.310 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040296.D
Acq: 25 Sep 2020 13:42

Tgt Ion: 91 Resp: 14149
Ion Ratio Lower Upper
91 100
92 57.4 40.7 75.5





#44

trans-1,3-Dichloropropene

Concen: 0.048 ug/L

RT: 8.19 min Scan# 2131

Delta R.T. -0.02 min

Lab File: VU040296.D

Acq: 25 Sep 2020 13:42

Instrument :

MSVOA_U

ClientSampleId :

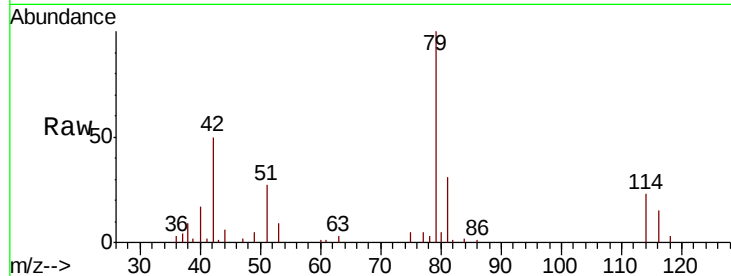
BFSA9

Tot Ion: 75 Resp: 794

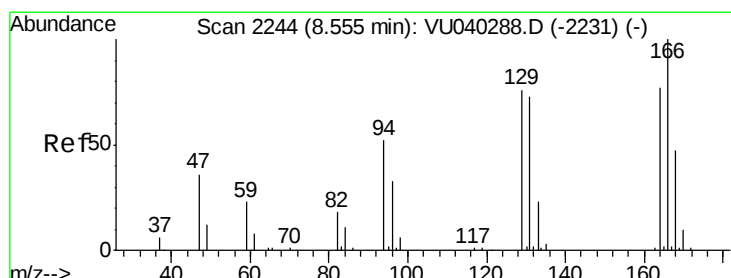
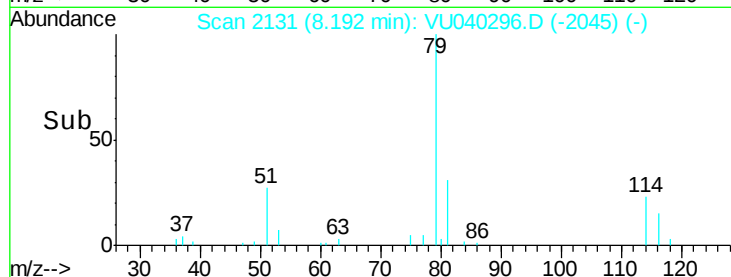
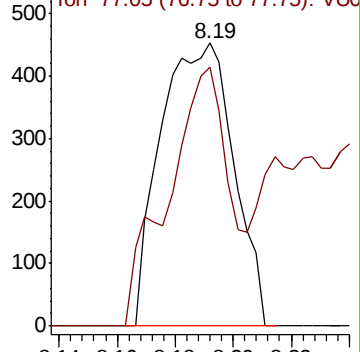
Ion Ratio Lower Upper

75 100

77 91.4 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU040288.D (-2121) (-)



#47

Tetrachloroethene

Concen: 0.698 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040296.D

Acq: 25 Sep 2020 13:42

Tgt Ion: 164 Resp: 5451

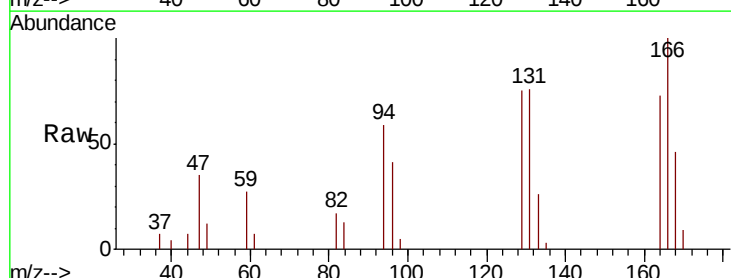
Ion Ratio Lower Upper

164 100

129 102.7 71.5 132.7

131 104.0 65.9 122.5

166 136.5 87.3 162.1

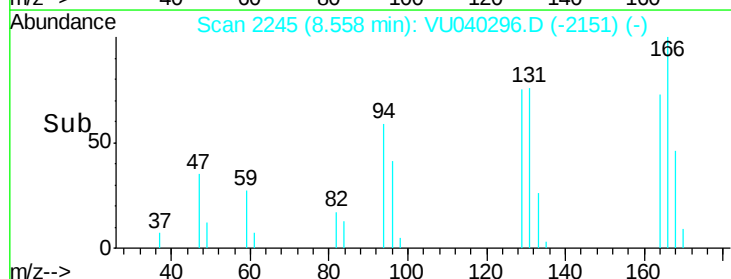
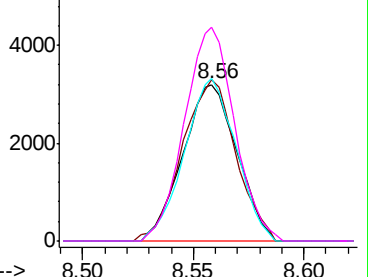


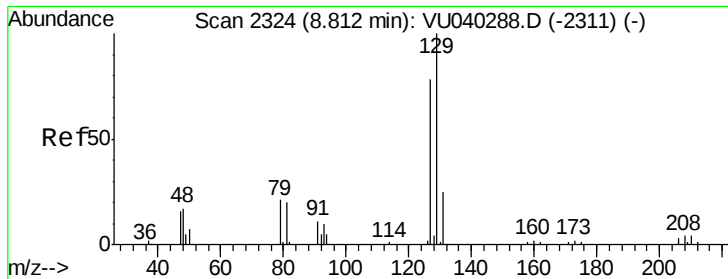
Abundance Ion 163.90 (163.60 to 164.60): VU040288.D (-2231) (-)

Ion 128.95 (128.65 to 129.65): VU040288.D (-2231) (-)

Ion 130.95 (130.65 to 131.65): VU040288.D (-2231) (-)

Ion 165.90 (165.60 to 166.60): VU040288.D (-2231) (-)





#49

Dibromochloromethane

Concen: 0.531 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.25 min

Lab File: VU040296.D

Acq: 25 Sep 2020 13:42

Instrument :

MSVOA_U

ClientSampleId :

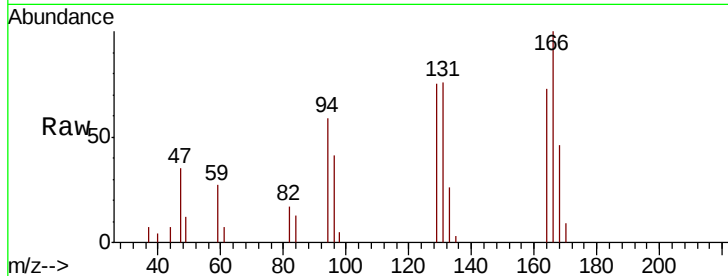
BFSA9

Tot Ion:129 Resp: 5574

Ion Ratio Lower Upper

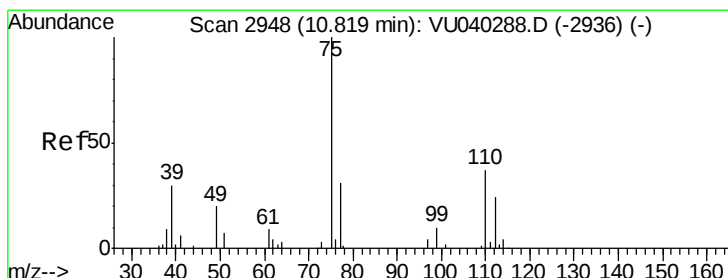
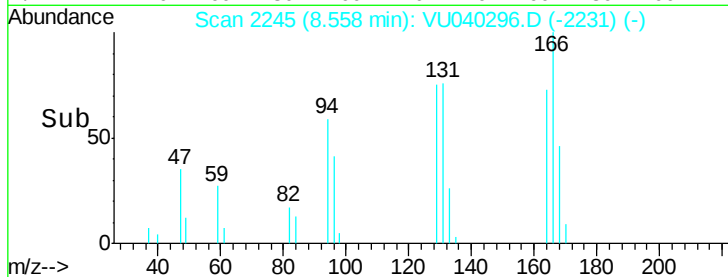
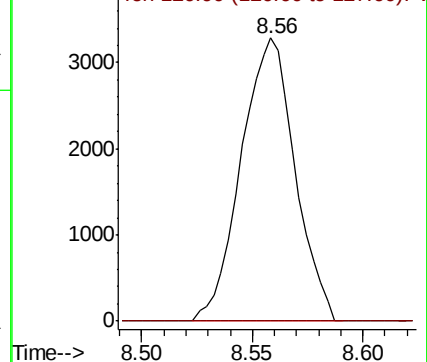
129 100

127 0.0 53.7 99.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.863 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040296.D

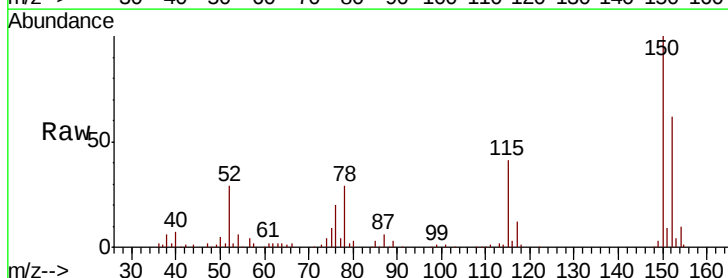
Acq: 25 Sep 2020 13:42

Tgt Ion: 75 Resp: 7673

Ion Ratio Lower Upper

75 100

77 44.0 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

