

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038473.D
 Acq On : 01 Jun 2020 16:05
 Operator : JC/MD
 Sample : L2789-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX85

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 5:41:35 PM

Quant Time: Jun 02 06:48:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 05:25:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	292238	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	284116	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	132968	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	76671	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.93	69	70961	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.59	63	132102	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.68	46	361090	62.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.70%
24) Chloroform-d	5.10	84	187676	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.74	65	112152	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.76	84	367505	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.72	67	115326	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.92	98	303445	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.20	79	47532	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.66	63	299020	64.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105642	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	127269	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.37	85	9814	0.426 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	78486	4.433 ug/L	99
12) 1,1-Dichloroethene	2.61	96	17990	1.000 ug/L #	13
13) Acetone	2.70	43	18448m	4.906 ug/L	
19) 1,1-Dichloroethane	3.91	63	17356	0.500 ug/L	94
22) cis-1,2-Dichloroethene	4.71	96	10189	0.488 ug/L	94
25) Chloroform	5.13	83	55327	1.569 ug/L	94
30) Cyclohexane	5.43	56	3608	0.114 ug/L #	82
34) Trichloroethene	6.57	95	10897	0.530 ug/L	96
47) Tetrachloroethene	8.57	164	5126	0.343 ug/L	94

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

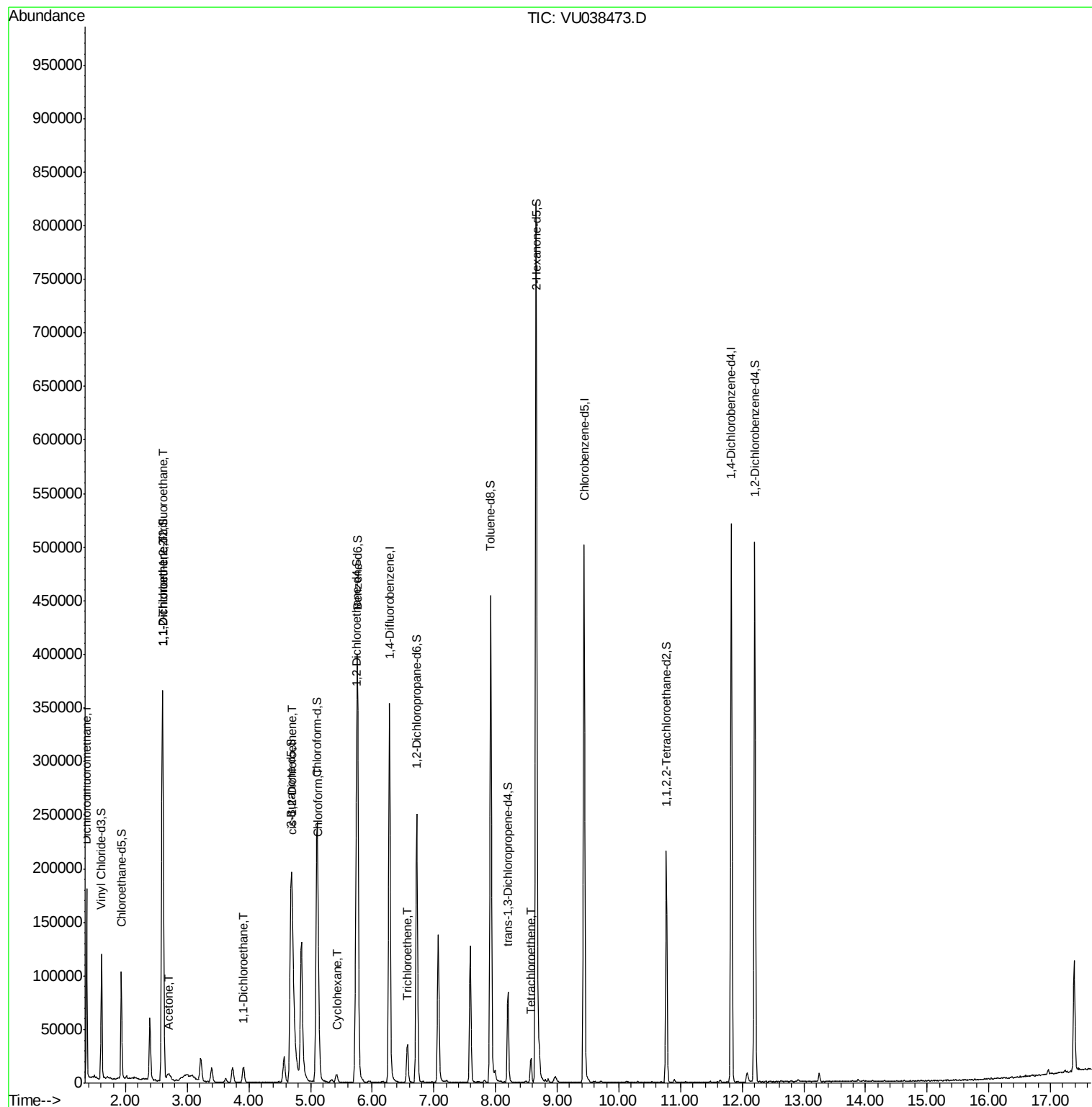
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
Data File : VU038473.D
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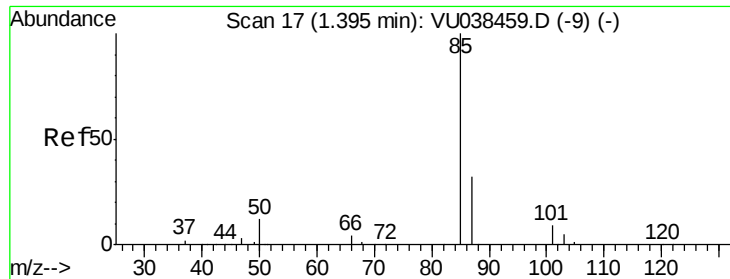
Instrument :
MSVOA_U
ClientSampleId :
BFX85

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Quant Time: Jun 02 06:48:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 05:25:28 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.426 ug/L

RT: 1.37 min Scan# 9

Delta R.T. -0.03 min

Lab File: VU038473.D

Acq: 01 Jun 2020 16:05

Instrument :

MSVOA_U

ClientSampleId :

BFX85

Tot Ion: 85 Resp: 9814

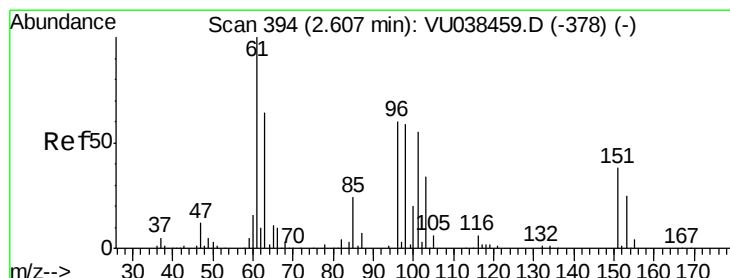
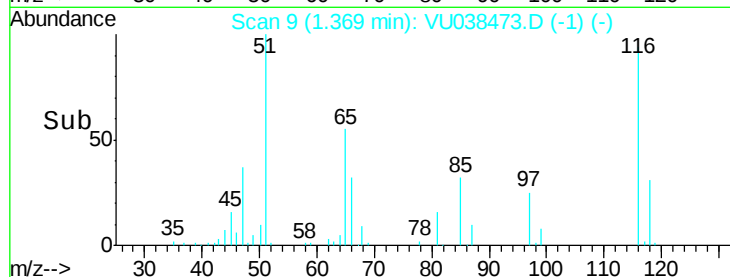
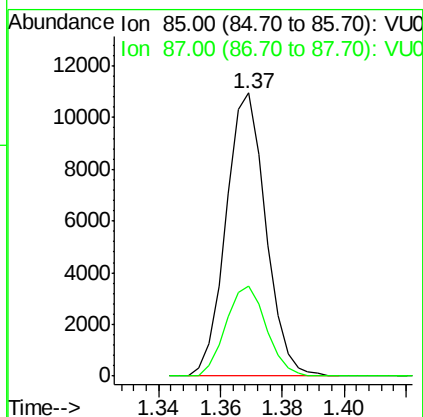
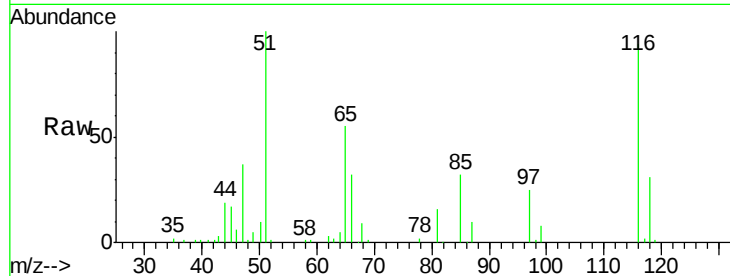
Ion Ratio Lower Upper

85 100

87 32.3 25.2 37.8

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.433 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038473.D

Acq: 01 Jun 2020 16:05

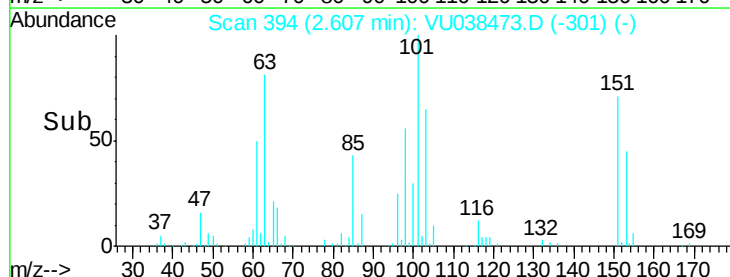
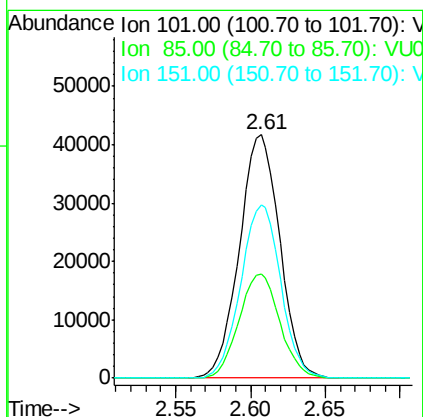
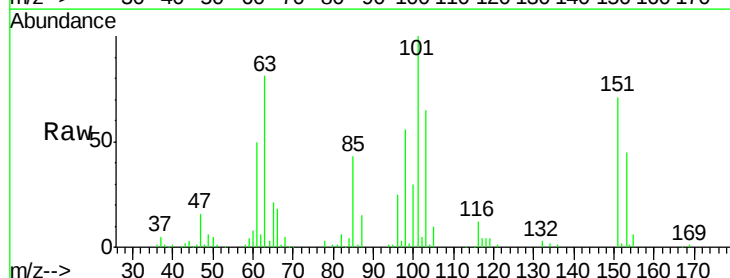
Tgt Ion: 101 Resp: 78486

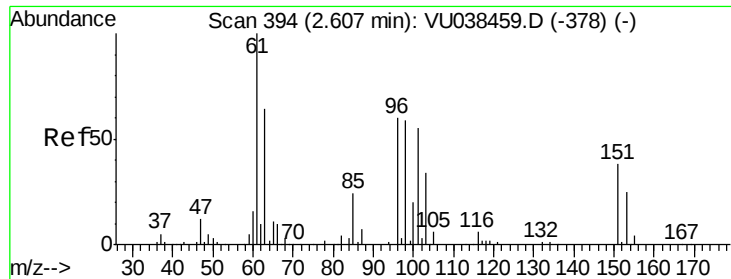
Ion Ratio Lower Upper

101 100

85 43.1 34.0 51.0

151 70.5 56.9 85.3





#12

1,1-Dichloroethene

Concen: 1.000 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038473.D

Acq: 01 Jun 2020 16:05

Instrument :

MSVOA_U

ClientSampled :

BFX85

Tot Ion: 96 Resp: 17990

Ion Ratio Lower Upper

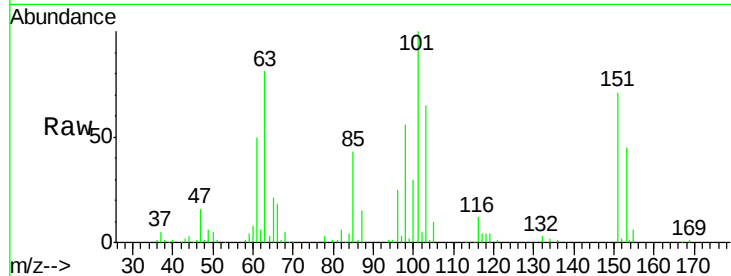
96 100

61 202.0 119.9 222.7

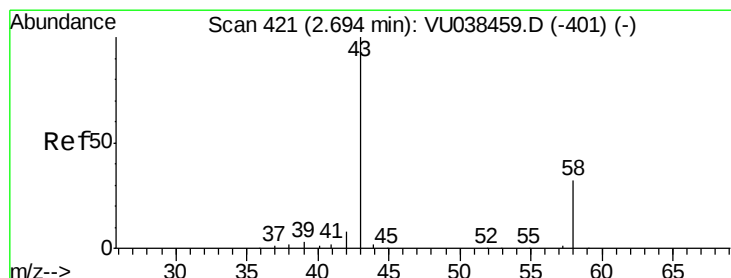
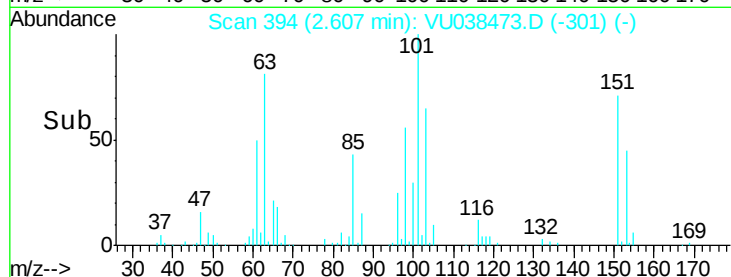
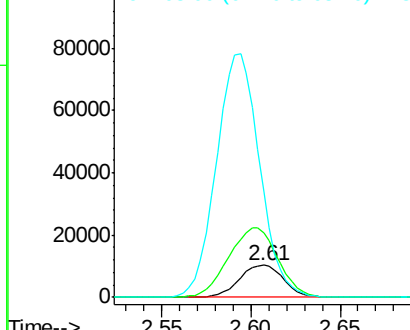
63 328.4 89.9 167.0#

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Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 4.906 ug/L m

RT: 2.70 min Scan# 424

Delta R.T. 0.01 min

Lab File: VU038473.D

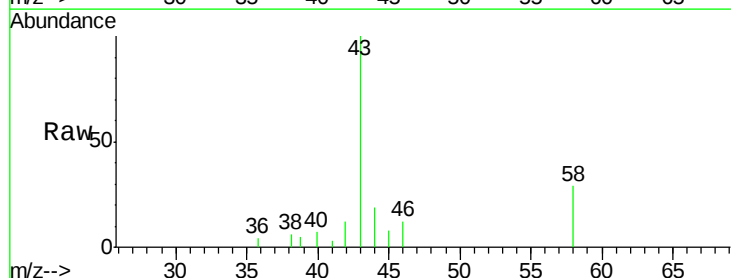
Acq: 01 Jun 2020 16:05

Tgt Ion: 43 Resp: 18448

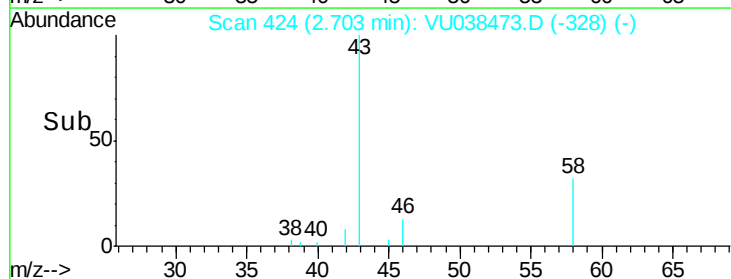
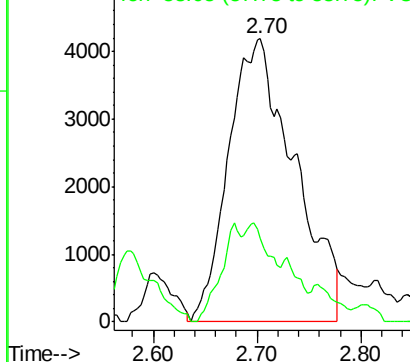
Ion Ratio Lower Upper

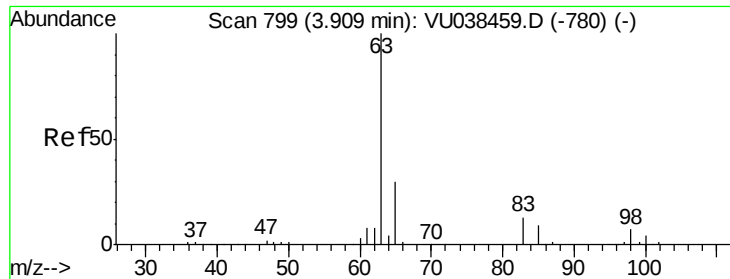
43 100

58 13.1 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0





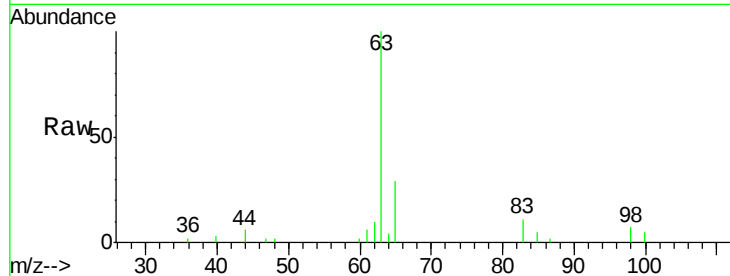
#19
 1,1-Dichloroethane
 Concen: 0.500 ug/L
 RT: 3.91 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: VU038473.D
 Acq: 01 Jun 2020 16:05

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX85

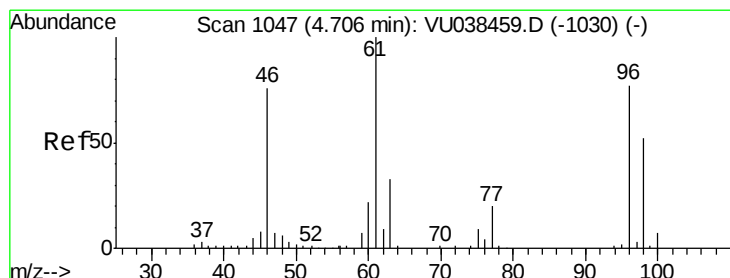
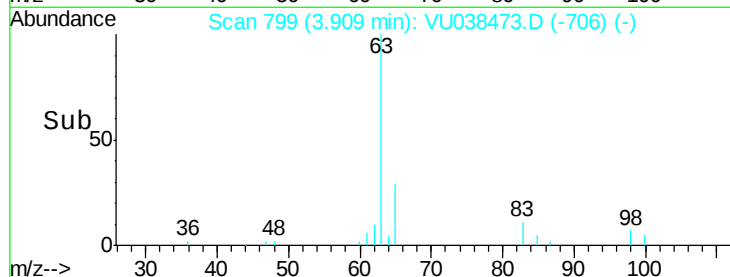
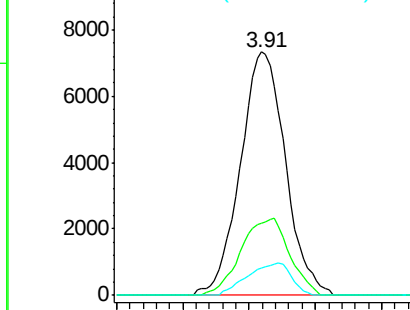
Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	22.3	41.5
83	11.4	10.4	19.4

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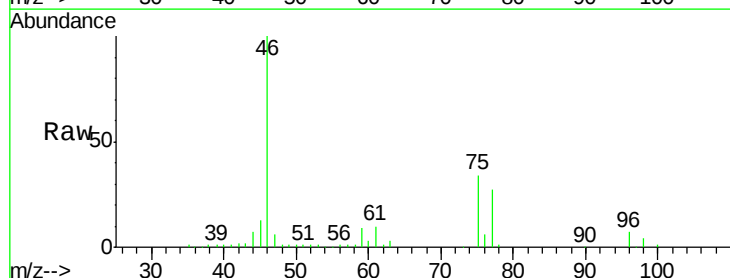


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

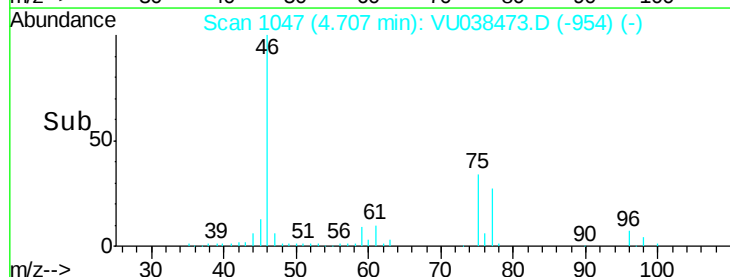
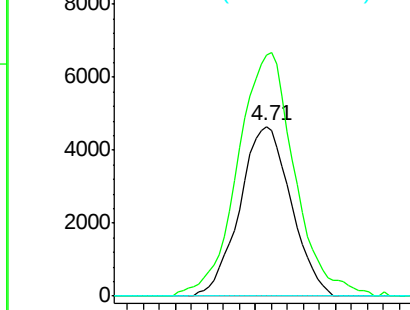


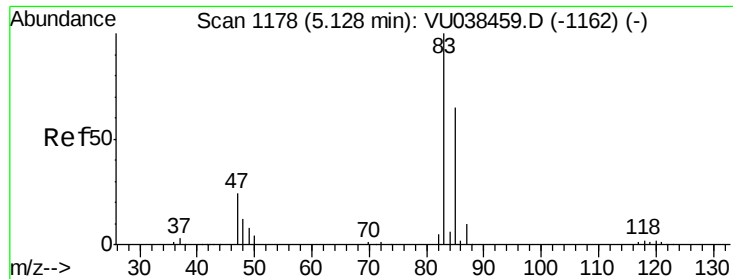
#22
 cis-1,2-Dichloroethene
 Concen: 0.488 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038473.D
 Acq: 01 Jun 2020 16:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.8	94.0	174.6
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





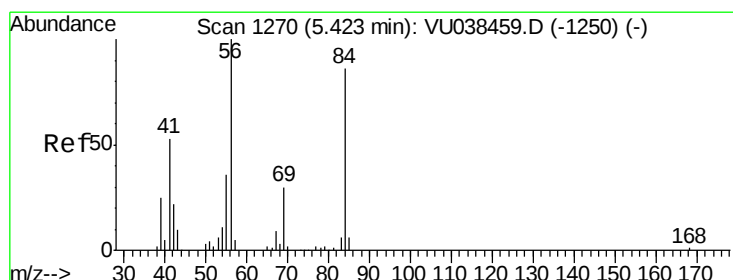
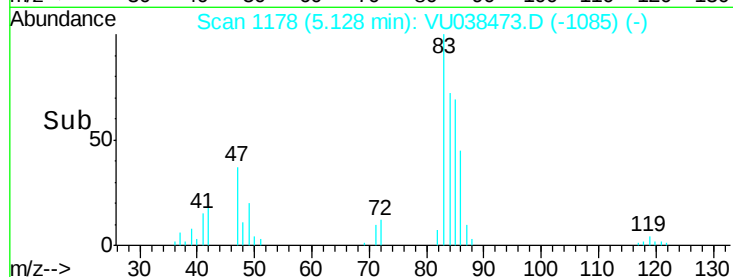
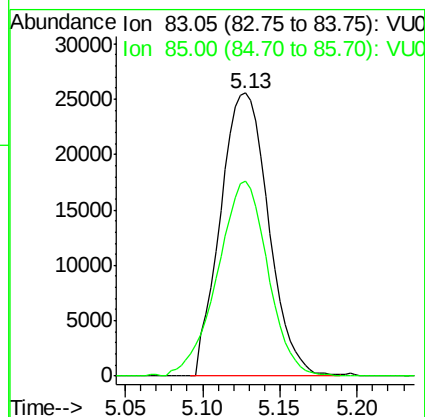
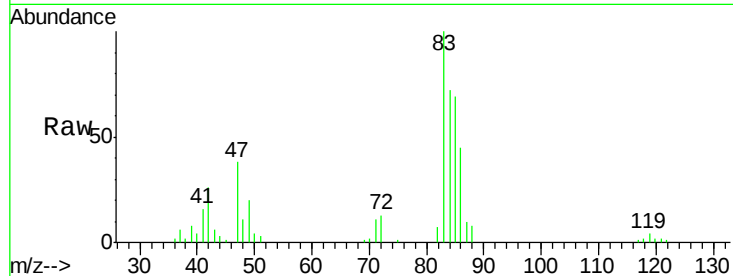
#25
Chloroform
Concen: 1.569 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038473.D
Acq: 01 Jun 2020 16:05

Instrument :
MSVOA_U
ClientSampled :
BFX85

Tot Ion	83	Resp	55327
Ion	Ratio	Lower	Upper
83	100		
85	68.9	44.9	83.5

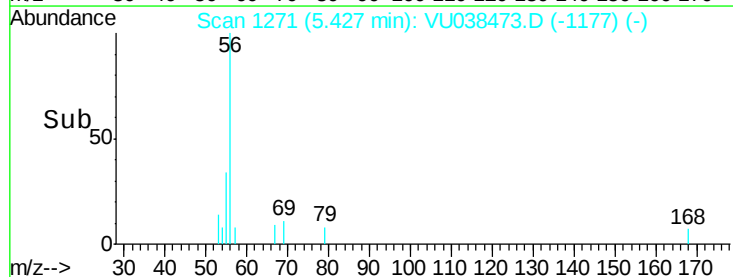
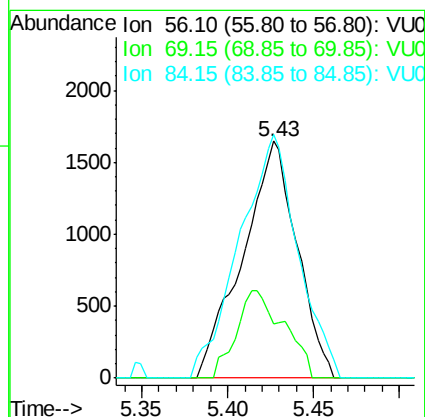
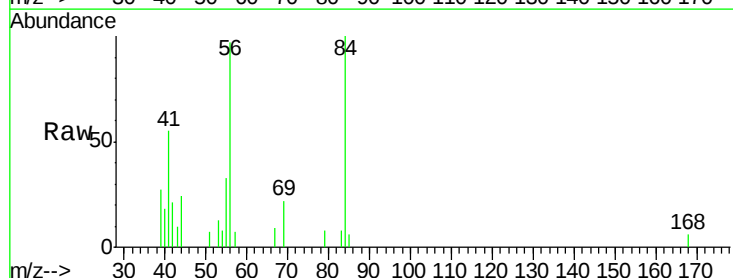
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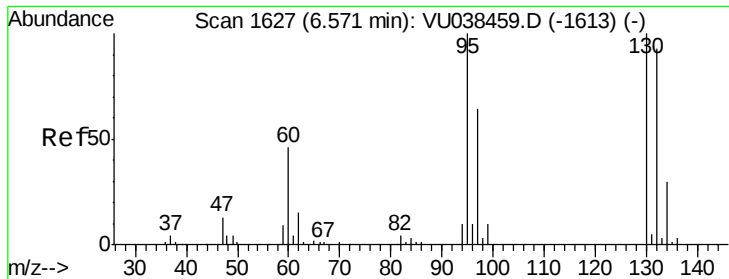
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#30
Cyclohexane
Concen: 0.114 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU038473.D
Acq: 01 Jun 2020 16:05

Tgt Ion	56	Resp	3608
Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.2	36.4
84	110.4	70.8	106.2#





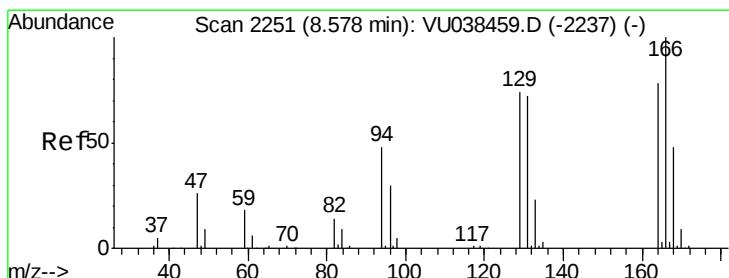
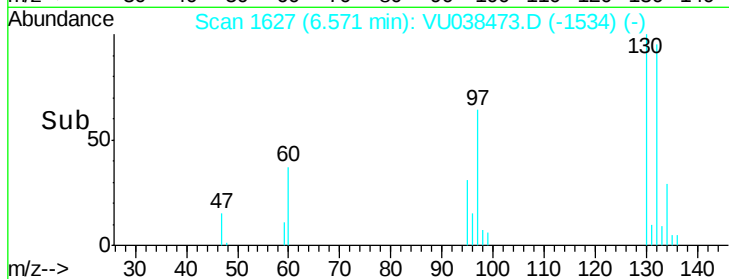
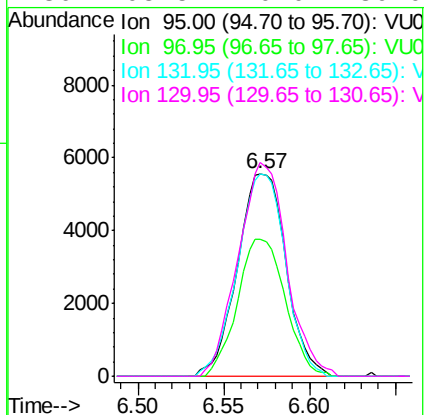
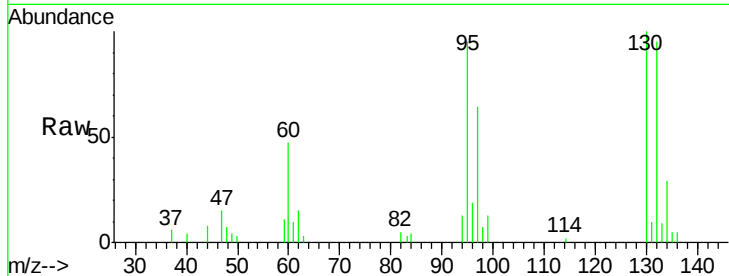
#34
 Trichloroethene
 Concen: 0.530 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038473.D
 Acq: 01 Jun 2020 16:05

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX85

Tot Ion:	95	Resp:	10897
Ion	Ratio	Lower	Upper
95	100		
97	67.6	46.8	87.0
132	99.7	66.1	122.7
130	105.5	70.0	130.0

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#47
 Tetrachloroethene
 Concen: 0.343 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038473.D
 Acq: 01 Jun 2020 16:05

Tgt Ion:	164	Resp:	5126
Ion	Ratio	Lower	Upper
164	100		
129	87.9	67.4	125.2
131	86.8	64.1	119.1
166	117.3	85.7	159.1

