

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110719\
 Data File : VU035667.D
 Acq On : 07 Nov 2019 18:13
 Operator : JC/SP
 Sample : K5739-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CR2

Quant Time: Nov 08 06:16:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 08 06:13:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	714004	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	691458	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	206105	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	284393	49.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.64%
7) Chloroethane-d5	1.93	69	233222	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.28%
11) 1,1-Dichloroethene-d2	2.60	63	339729	37.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.76%
21) 2-Butanone-d5	4.69	46	327364	97.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.18%
24) Chloroform-d	5.12	84	449181	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
26) 1,2-Dichloroethane-d4	5.75	65	277073	50.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.58%
32) Benzene-d6	5.77	84	952086	52.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.64%
36) 1,2-Dichloropropane-d6	6.74	67	308389	52.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.52%
41) Toluene-d8	7.93	98	864152	50.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%
43) trans-1,3-Dichloropropene-	8.22	79	135768	50.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.86%
47) 2-Hexanone-d5	8.68	63	217557	97.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.12%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	404258	48.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.26%
64) 1,2-Dichlorobenzene-d4	12.22	152	224437	53.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.98%

Target Compounds

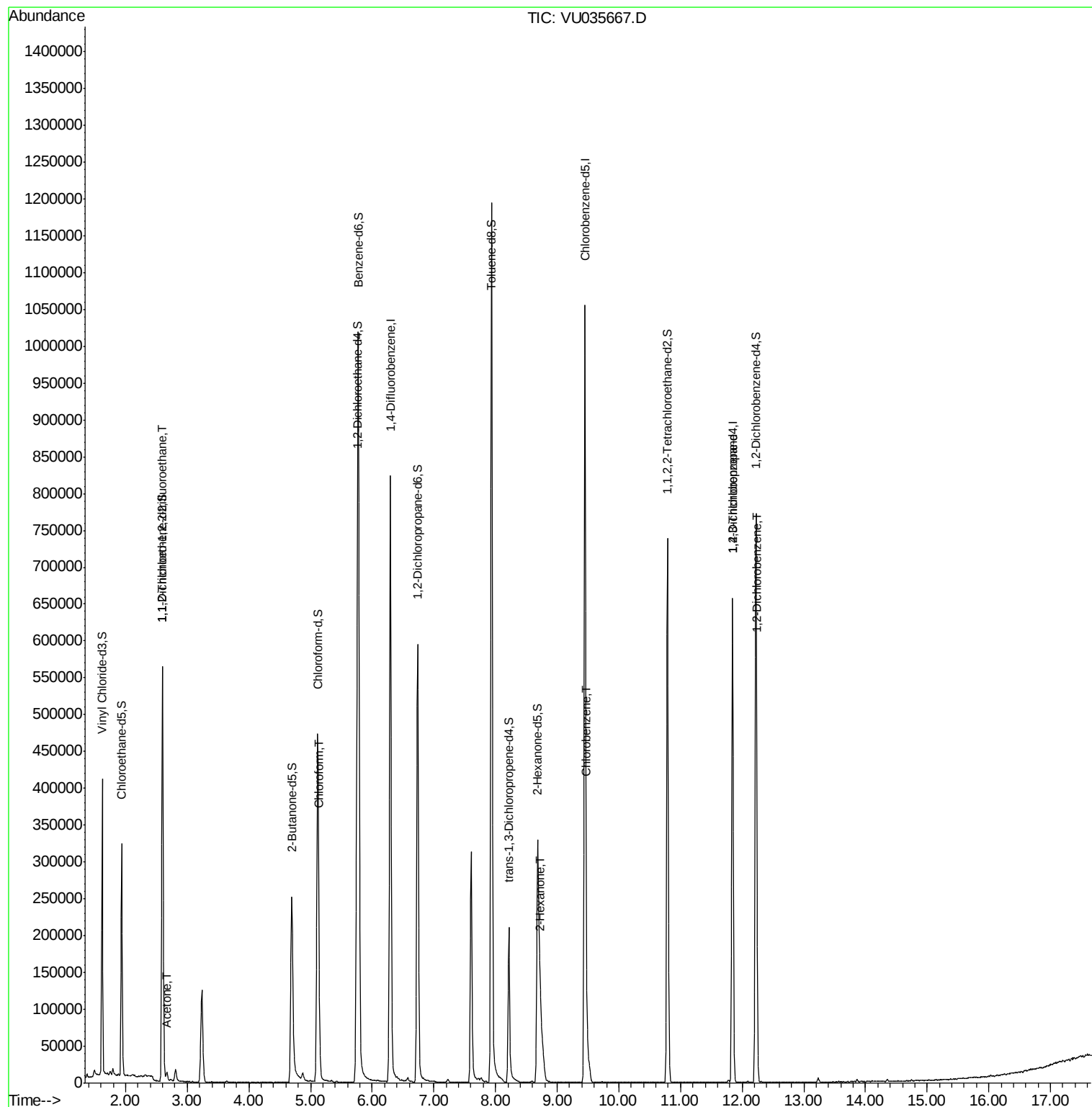
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3689	0.831 ug/L #	20
13) Acetone	2.67	43	11316	3.818 ug/L	99
25) Chloroform	5.14	83	27530	3.059 ug/L	92
48) 2-Hexanone	8.73	43	28208	4.982 ug/L #	81
51) Chlorobenzene	9.48	112	17299	1.272 ug/L	93
59) 1,2,3-Trichloropropane	11.84	75	22465	3.311 ug/L	93
65) 1,2-Dichlorobenzene	12.24	146	42667	6.446 ug/L	98

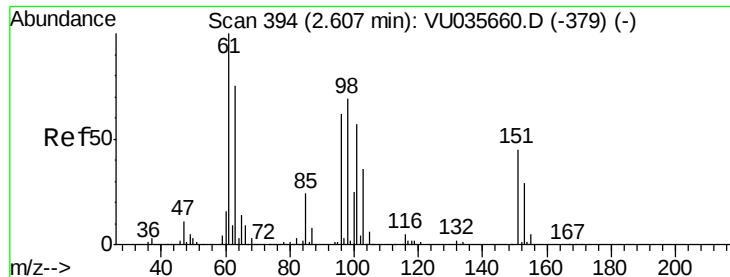
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 08 06:13:27 2019
Response via : Initial Calibration





#10

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

Concen: 0.831 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU035667.D

Acq: 07 Nov 2019 18:13

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ClientSampleId :

C0CR2

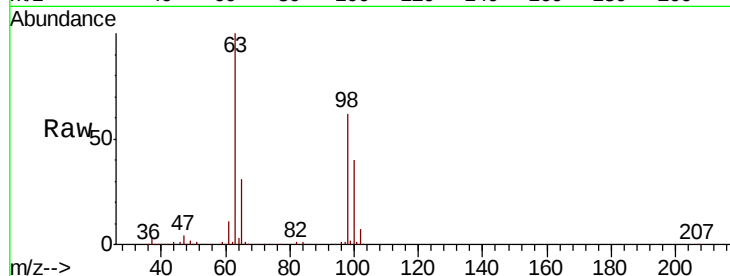
Tot Ion:101 Resp: 3689

Ion Ratio Lower Upper

101 100

85 0.0 34.0 51.0#

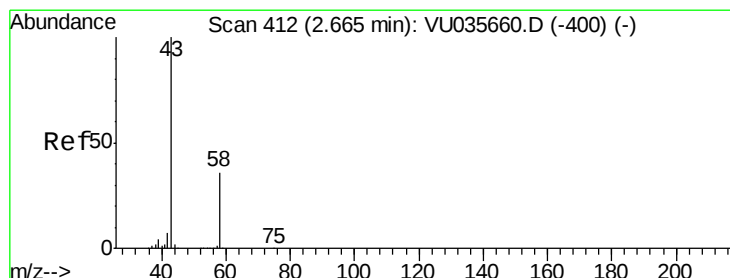
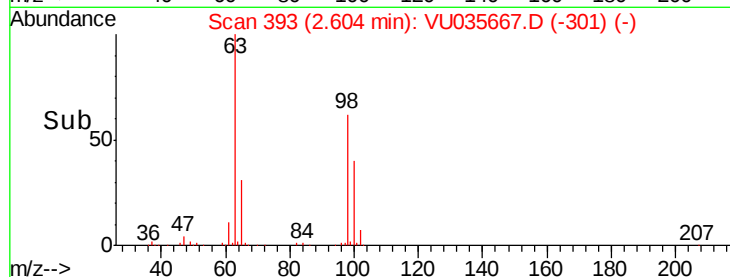
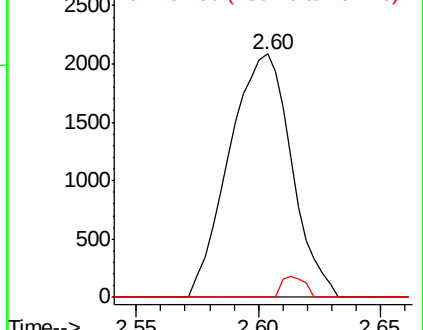
151 3.2 64.2 96.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.818 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

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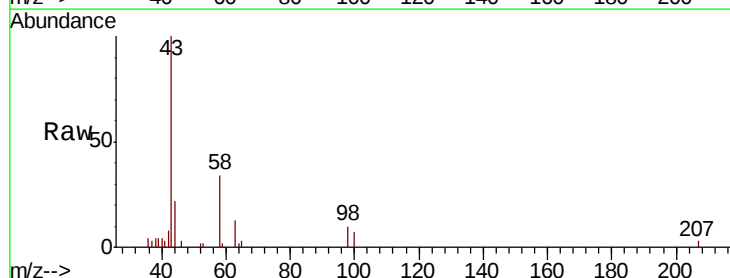
Acq: 07 Nov 2019 18:13

Tgt Ion: 43 Resp: 11316

Ion Ratio Lower Upper

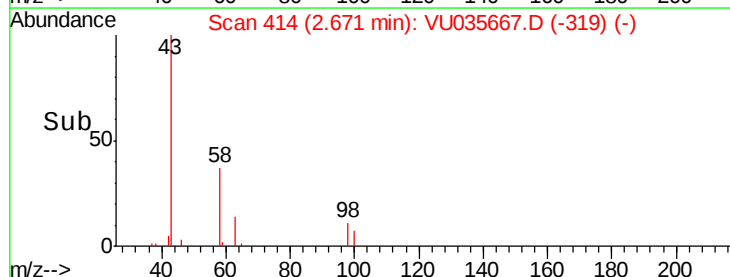
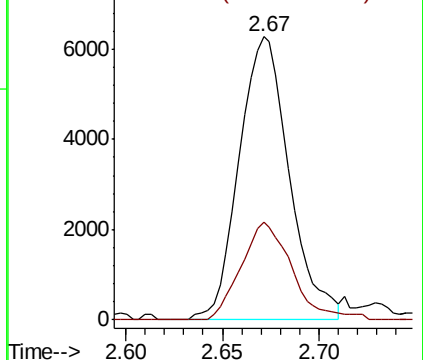
43 100

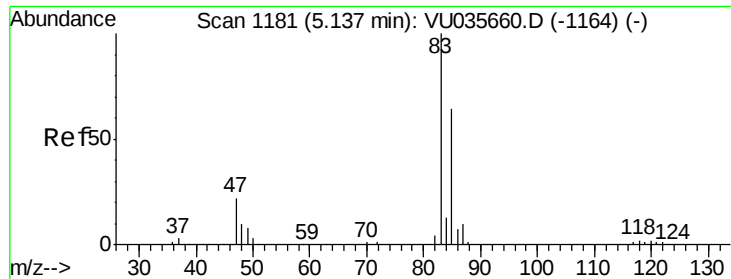
58 34.3 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

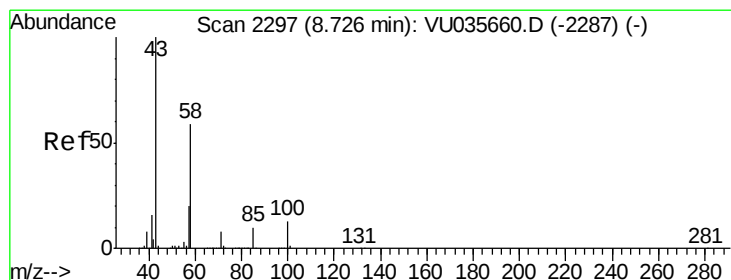
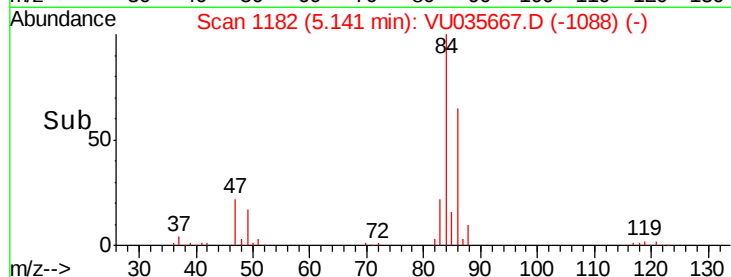
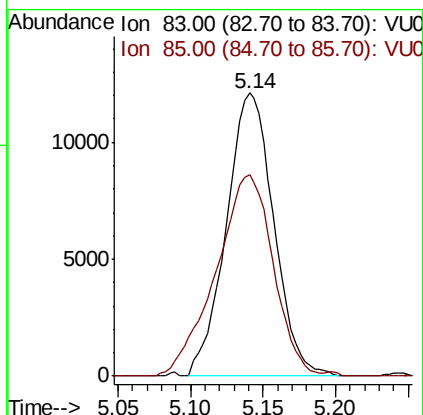
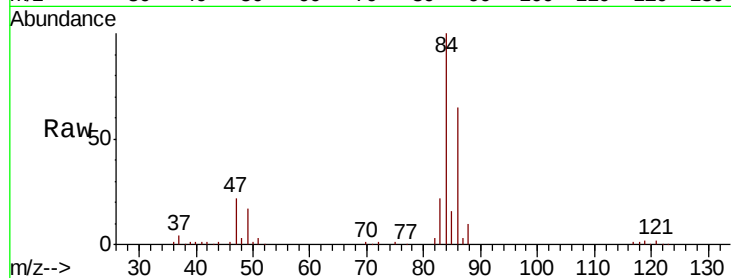




#25
Chloroform
Concen: 3.059 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035667.D
Acq: 07 Nov 2019 18:13

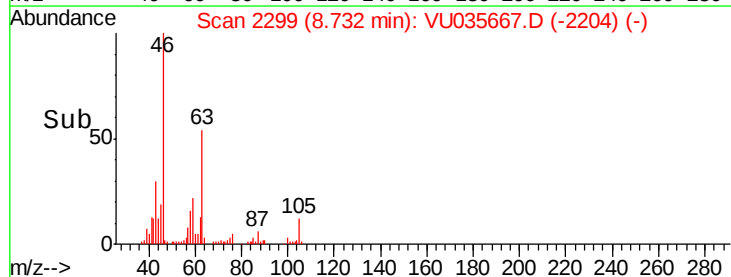
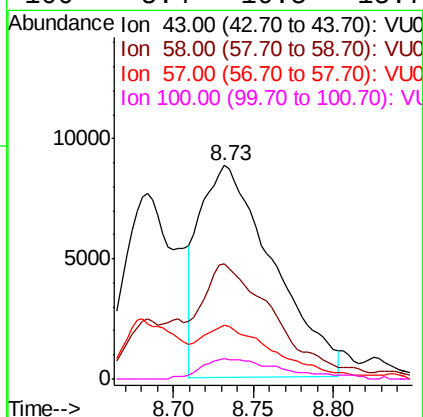
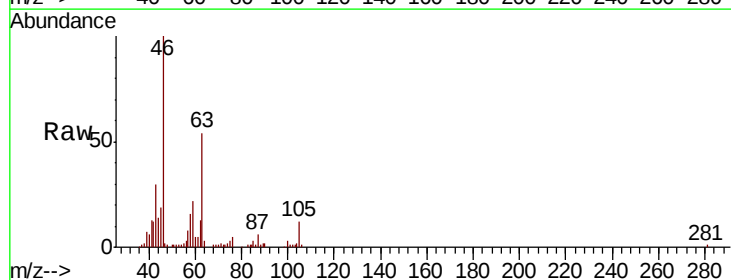
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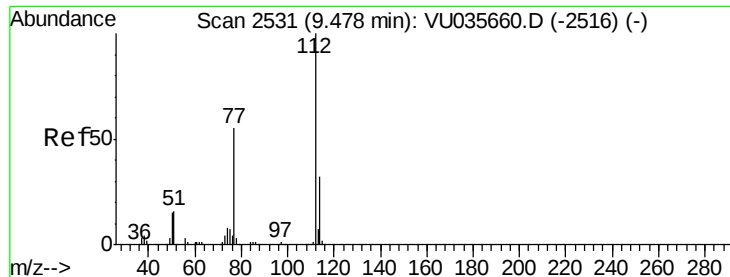
Tot Ion: 83 Resp: 27530
Ion Ratio Lower Upper
83 100
85 71.1 45.4 84.4



#48
2-Hexanone
Concen: 4.982 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. 0.01 min
Lab File: VU035667.D
Acq: 07 Nov 2019 18:13

Tgt Ion: 43 Resp: 28208
Ion Ratio Lower Upper
43 100
58 43.1 50.4 75.6#
57 21.2 17.4 26.0
100 5.4 10.5 15.7#





#51

Chlorobenzene

Concen: 1.272 ug/L

RT: 9.48 min Scan# 2531

Delta R.T. -0.00 min

Lab File: VU035667.D

Acq: 07 Nov 2019 18:13

Instrument :

MSVOA_U

ClientSampleId :

C0CR2

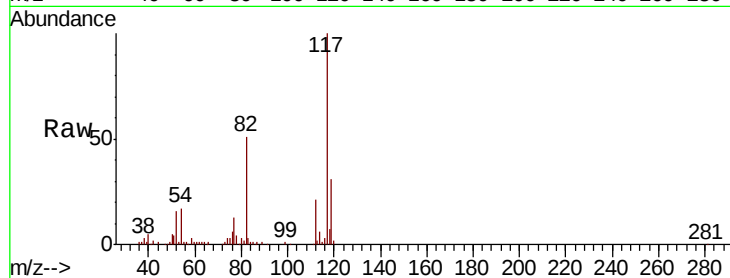
Tot Ion:112 Resp: 17299

Ion Ratio Lower Upper

112 100

114 28.9 22.7 42.3

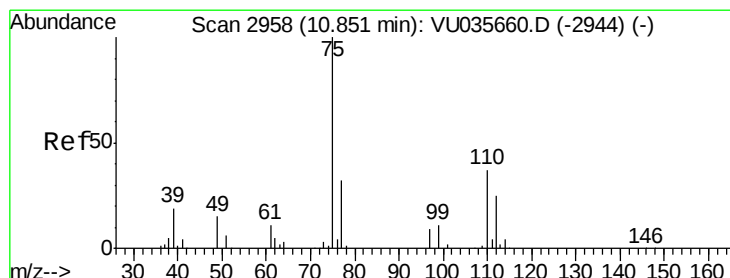
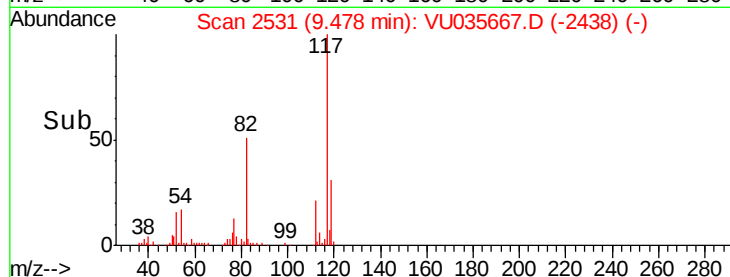
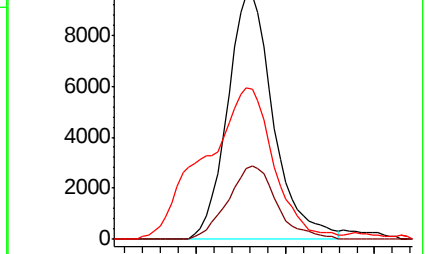
77 62.5 45.9 68.9



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 3.311 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035667.D

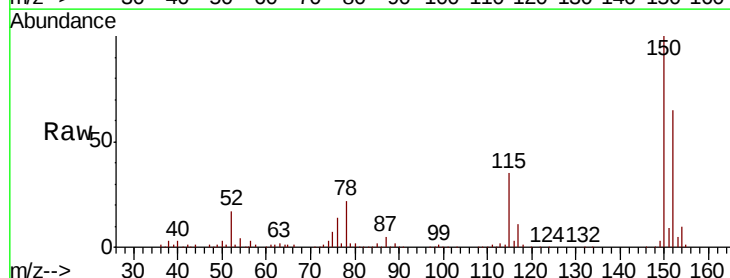
Acq: 07 Nov 2019 18:13

Tgt Ion: 75 Resp: 22465

Ion Ratio Lower Upper

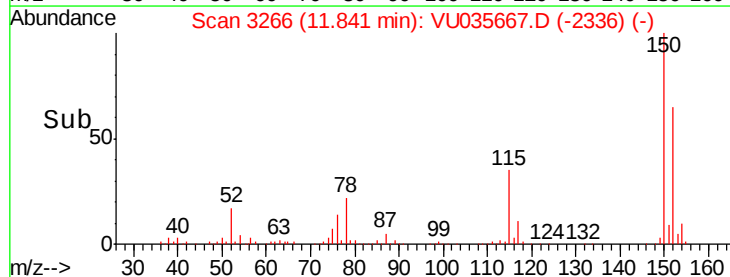
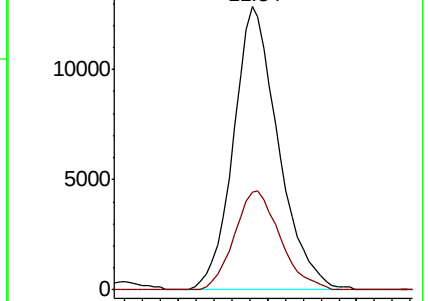
75 100

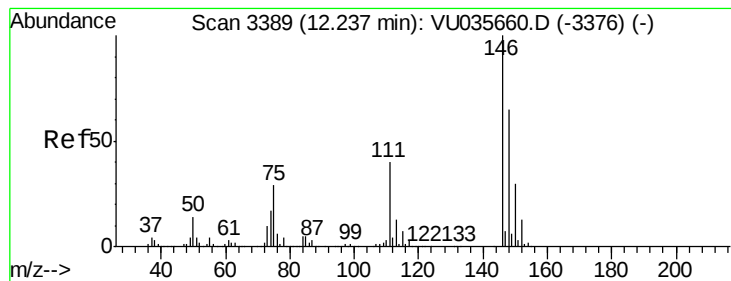
77 35.8 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#65

1,2-Dichlorobenzene

Concen: 6.446 ug/L

RT: 12.24 min Scan# 3391

Delta R.T. 0.01 min

Lab File: VU035667.D

Acq: 07 Nov 2019 18:13

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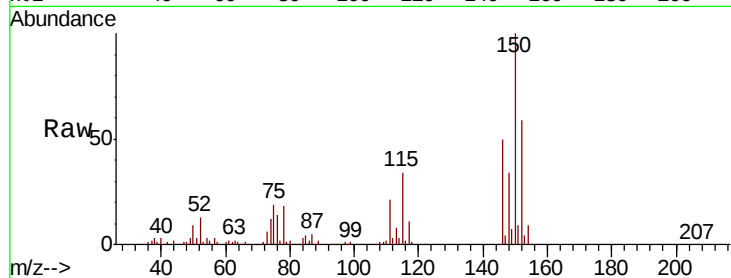
Tot Ion:146 Resp: 42667

Ion Ratio Lower Upper

146 100

111 41.4 32.4 48.6

148 66.6 51.8 77.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

