

Data File : VU035577.D
Acq On : 30 Oct 2019 21:43
Operator : JC/SP
Sample : VIBLK41
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Quant Time: Oct 31 00:45:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 31 00:14:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	688208	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	658083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	201466	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	226715	40.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.58%
7) Chloroethane-d5	1.93	69	198373	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.38%
11) 1,1-Dichloroethene-d2	2.59	63	289871	33.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.06%
21) 2-Butanone-d5	4.69	46	322081	99.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.20%
24) Chloroform-d	5.11	84	406892	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.75	65	261184	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
32) Benzene-d6	5.77	84	856945	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.92%
36) 1,2-Dichloropropane-d6	6.74	67	282830	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.68%
41) Toluene-d8	7.93	98	776476	47.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.98%
43) trans-1,3-Dichloropropene-	8.22	79	121758	47.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.04%
47) 2-Hexanone-d5	8.68	63	203212	95.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.31%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	366344	46.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.62%
64) 1,2-Dichlorobenzene-d4	12.22	152	212233	52.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.46%

Target Compounds

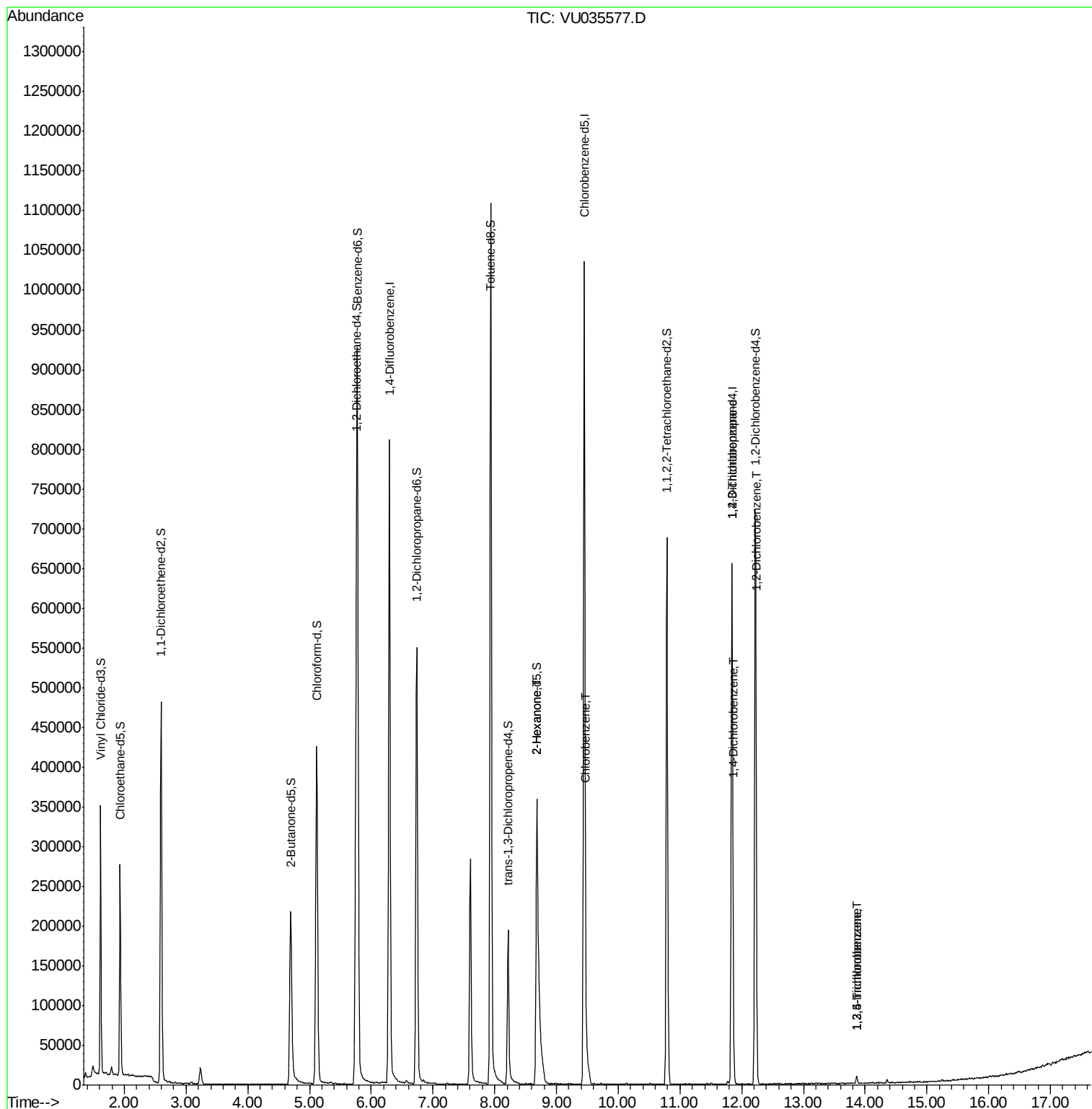
					Qvalue
48) 2-Hexanone	8.68	43	15802	2.933 ug/L	# 61
51) Chlorobenzene	9.48	112	12187	0.942 ug/L	95
59) 1,2,3-Trichloropropane	11.84	75	26511	4.105 ug/L	96
63) 1,4-Dichlorobenzene	11.87	146	14464	2.240 ug/L	96
65) 1,2-Dichlorobenzene	12.24	146	19744	3.051 ug/L	95
67) 1,3,5-Trichlorobenzene	13.86	180	3483	0.949 ug/L	92
68) 1,2,4-trichlorobenzene	13.86	180	3483	1.416 ug/L	91

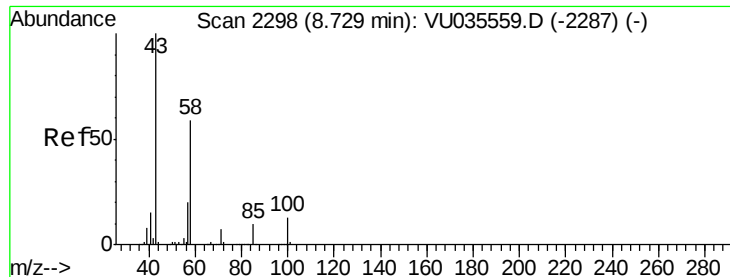
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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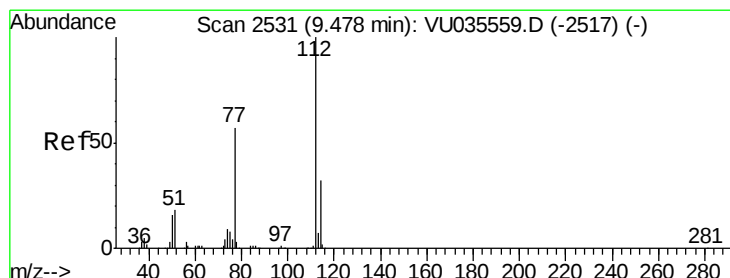
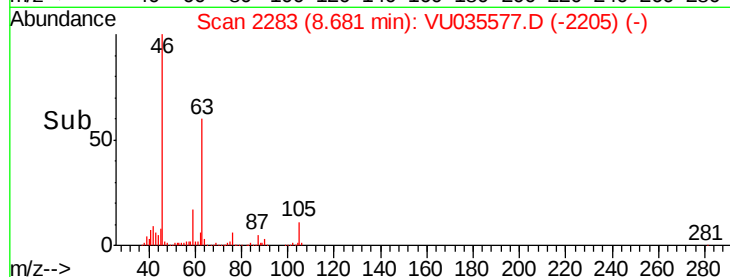
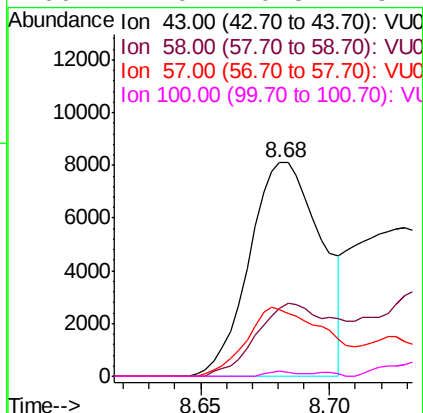
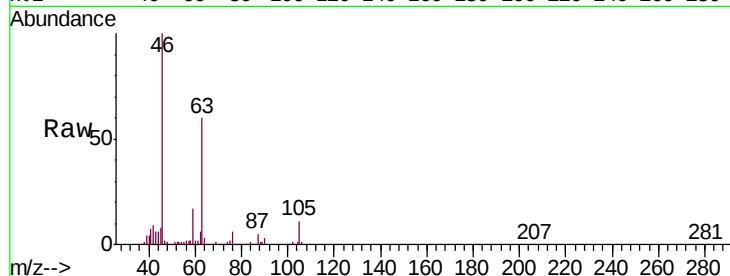




#48
2-Hexanone
Concen: 2.933 ug/L
RT: 8.68 min Scan# 2283
Delta R.T. -0.05 min
Lab File: VU035577.D
Acq: 30 Oct 2019 21:43

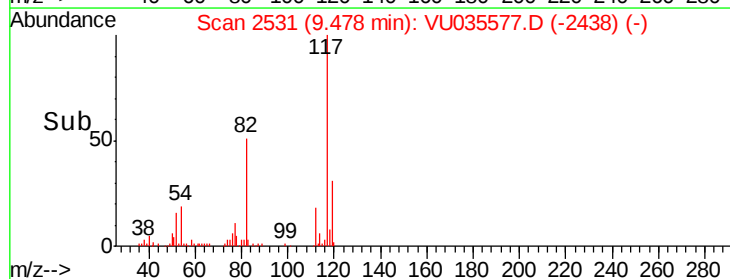
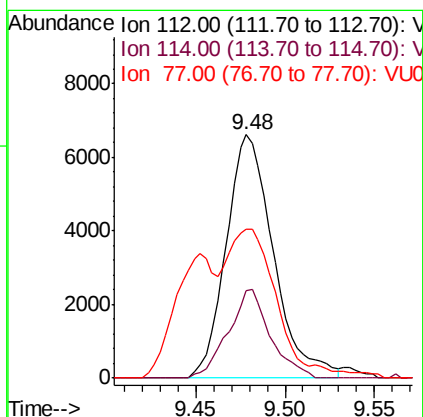
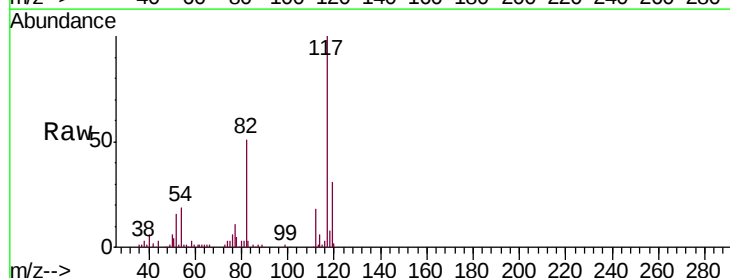
Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

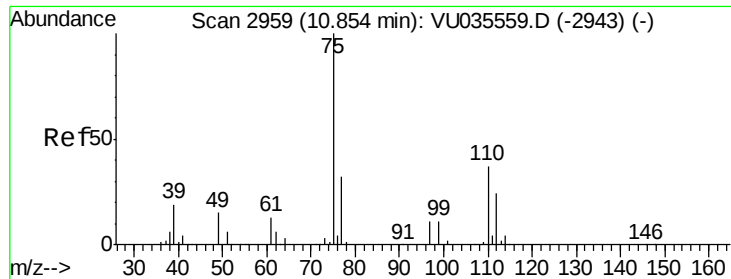
Tgt Ion:	43	Resp:	15802
Ion	Ratio	Lower	Upper
43	100		
58	28.7	50.4	75.6#
57	35.6	17.4	26.0#
100	1.0	10.5	15.7#



#51
Chlorobenzene
Concen: 0.942 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035577.D
Acq: 30 Oct 2019 21:43

Tgt Ion:	112	Resp:	12187
Ion	Ratio	Lower	Upper
112	100		
114	35.7	22.7	42.3
77	61.3	45.9	68.9





#59

1,2,3-Trichloropropane

Concen: 4.105 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035577.D

Acq: 30 Oct 2019 21:43

Instrument :

MSVOA_U

ClientSampled :

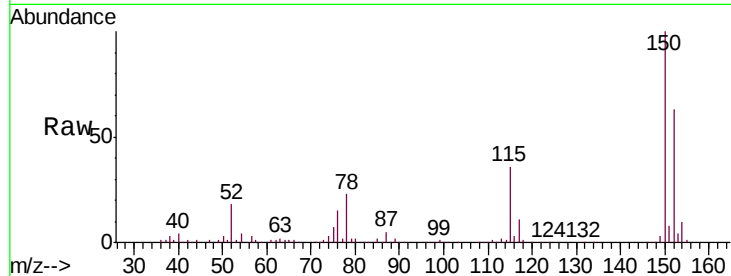
VIBLK41

Tgt Ion: 75 Resp: 26511

Ion Ratio Lower Upper

75 100

77 30.0 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU035559.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU035559.D (-2943) (-)

11.84

15000

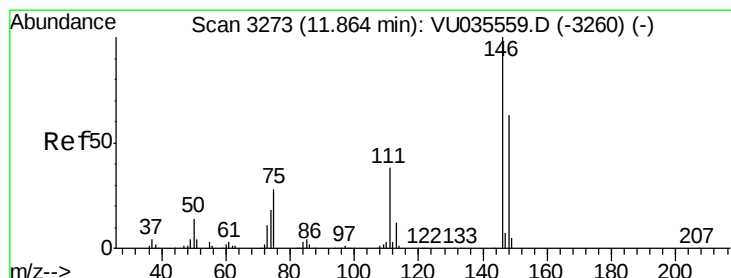
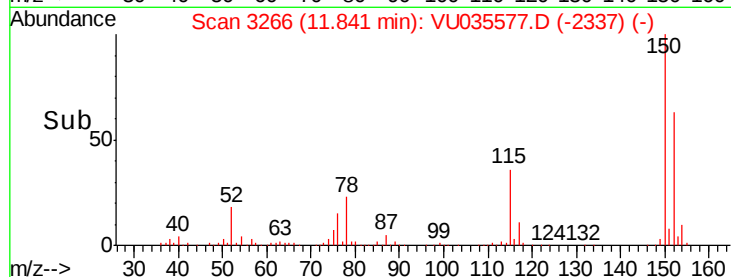
10000

5000

0

11.80 11.85 11.90

Time-->



#63

1,4-Dichlorobenzene

Concen: 2.240 ug/L

RT: 11.87 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VU035577.D

Acq: 30 Oct 2019 21:43

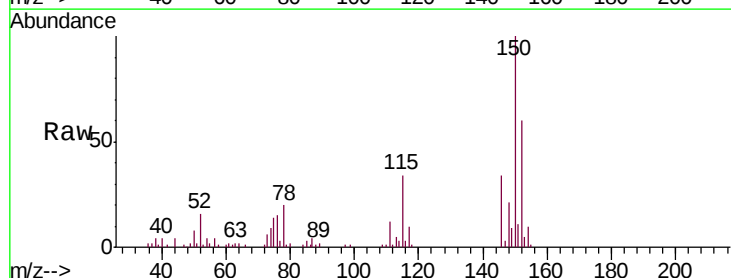
Tgt Ion: 146 Resp: 14464

Ion Ratio Lower Upper

146 100

111 34.5 26.5 49.1

148 61.2 44.4 82.5



Abundance Ion 146.00 (145.70 to 146.70): VU035559.D (-3260) (-)

Ion 111.00 (110.70 to 111.70): VU035559.D (-3260) (-)

Ion 148.00 (147.70 to 148.70): VU035559.D (-3260) (-)

11.87

12000

10000

8000

6000

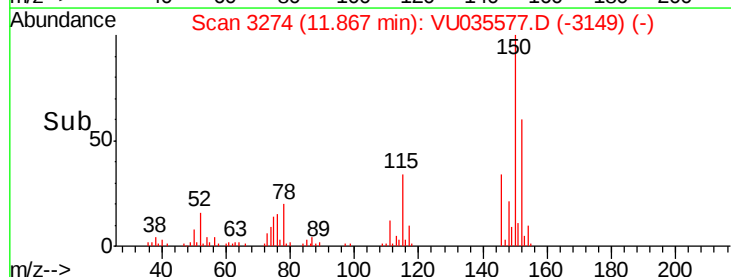
4000

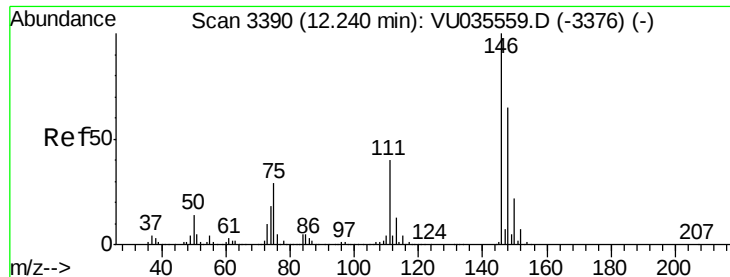
2000

0

11.80 11.85 11.90

Time-->





#65

1,2-Dichlorobenzene

Concen: 3.051 ug/L

RT: 12.24 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VU035577.D

Acq: 30 Oct 2019 21:43

Instrument :

MSVOA_U

ClientSampled :

VIBLK41

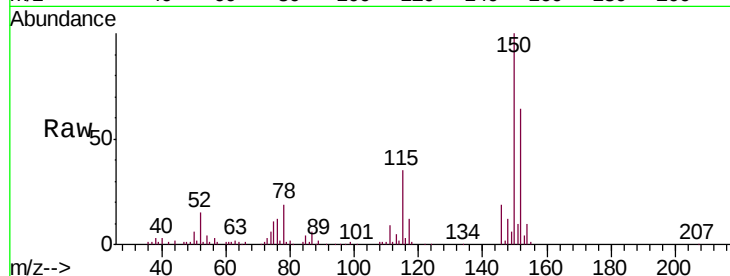
Tgt Ion:146 Resp: 19744

Ion Ratio Lower Upper

146 100

111 46.3 32.4 48.6

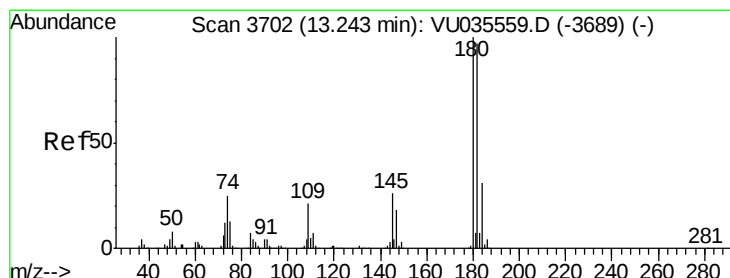
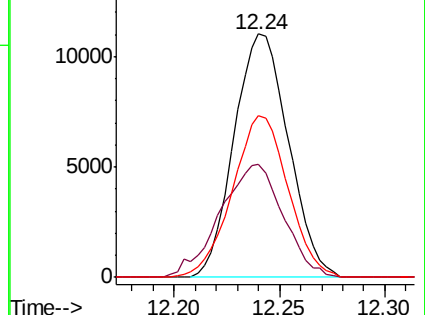
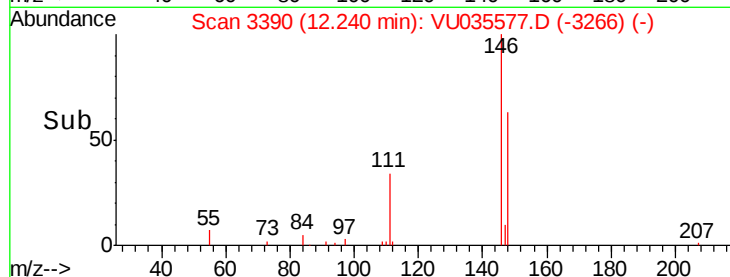
148 66.6 51.8 77.6



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



#67

1,3,5-Trichlorobenzene

Concen: 0.949 ug/L

RT: 13.86 min Scan# 3895

Delta R.T. 0.62 min

Lab File: VU035577.D

Acq: 30 Oct 2019 21:43

Tgt Ion:180 Resp: 3483

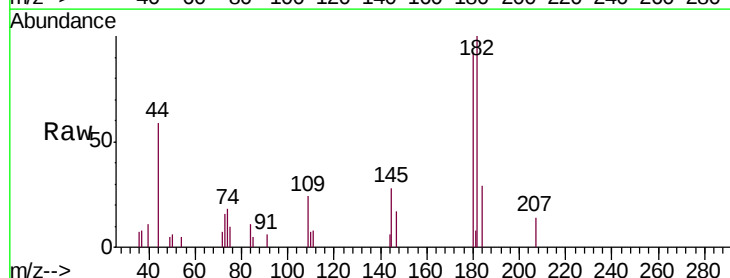
Ion Ratio Lower Upper

180 100

182 104.8 77.0 115.4

184 28.5 24.6 36.8

145 31.8 21.7 32.5

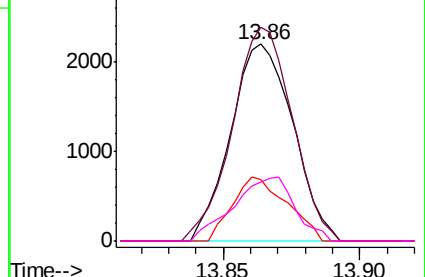
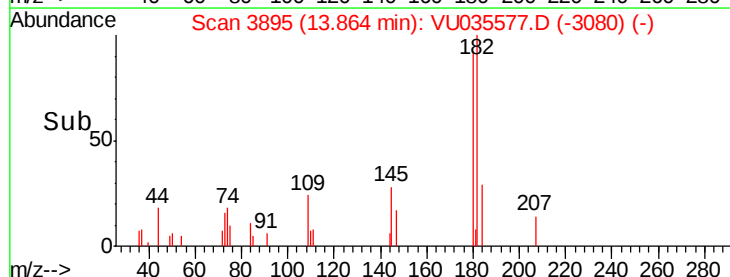


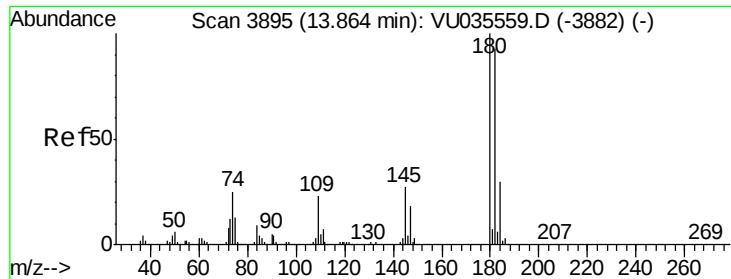
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V





#68
 1,2,4-trichlorobenzene
 Concen: 1.416 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. -0.00 min
 Lab File: VU035577.D
 Acq: 30 Oct 2019 21:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK41

Tgt Ion:	180	Resp:	3483
Ion	Ratio	Lower	Upper
180	100		
182	104.8	76.6	115.0
145	31.8	21.9	32.9

