

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
 Data File : VU035272.D
 Acq On : 18 Oct 2019 17:14
 Operator : JC/SP
 Sample : K5318-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 19 03:41:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 19 03:38:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	318698	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	308047	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	125042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81591	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.93	69	78278	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.59	63	111909	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.72	46	295660	52.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.88%
24) Chloroform-d	5.11	84	168069	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.75	65	96540	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.77	84	317894	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.74	67	106491	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.93	98	284491	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.22	79	46959	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.69	63	240840	50.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.62%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	97861	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	104528	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

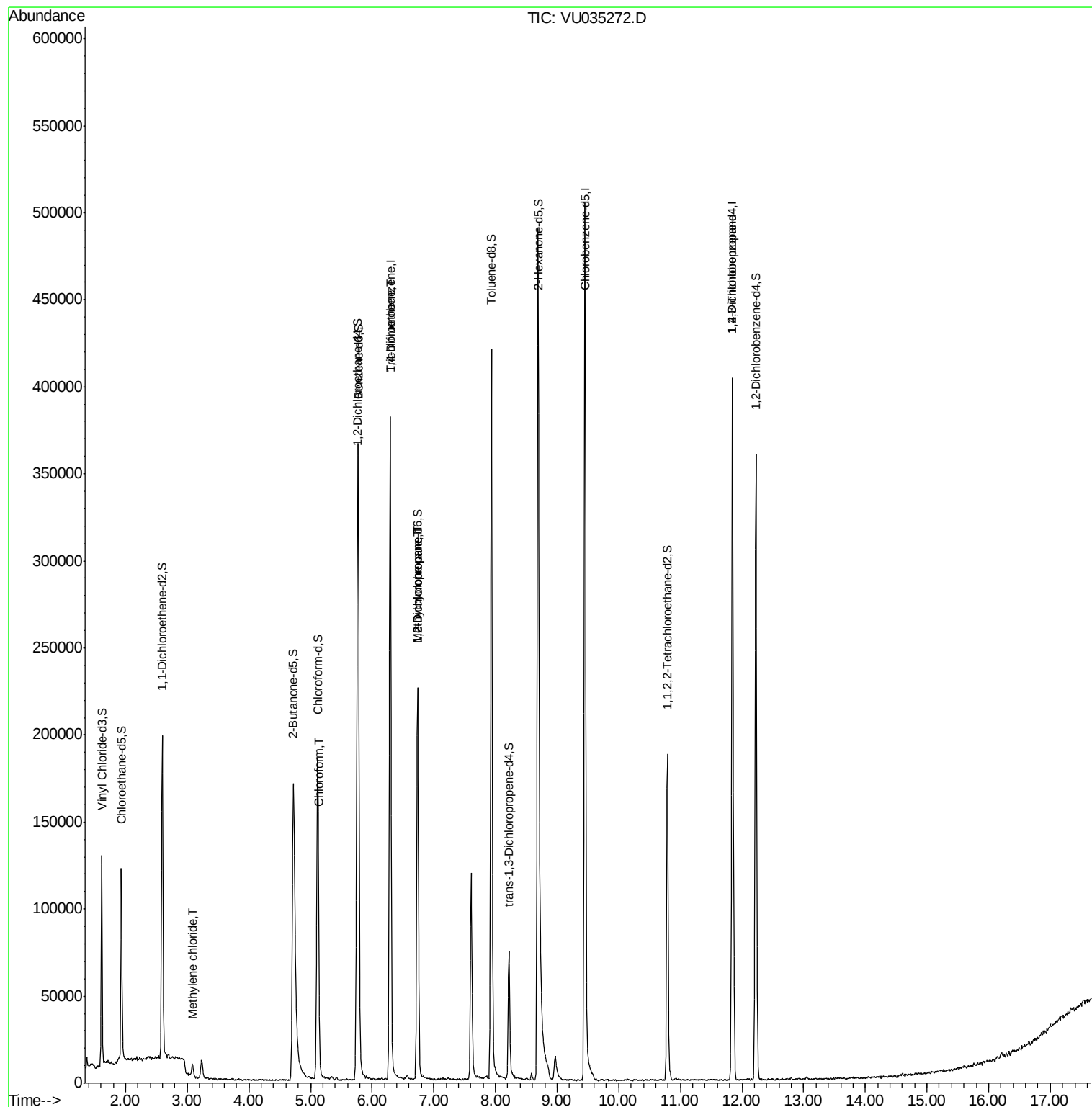
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.09	84	3563	0.145	ug/L	95
25) Chloroform	5.14	83	7333	0.167	ug/L	94
34) Trichloroethene	6.29	95	6204	0.255	ug/L #	3
35) Methylcyclohexane	6.74	83	24982	0.613	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	11558	0.502	ug/L #	86
59) 1,2,3-Trichloropropane	11.84	75	14641	0.913	ug/L #	84

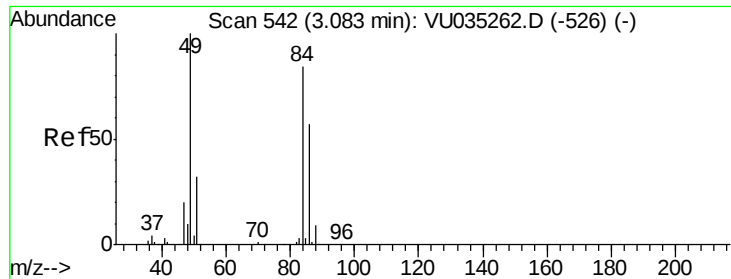
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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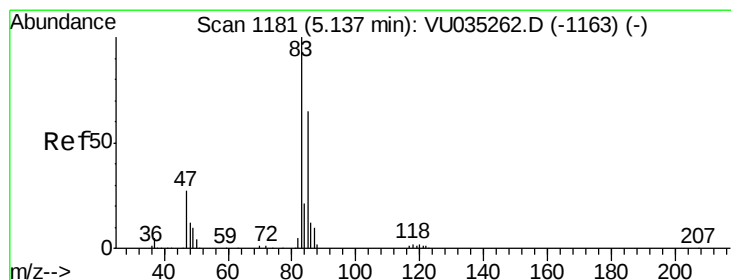
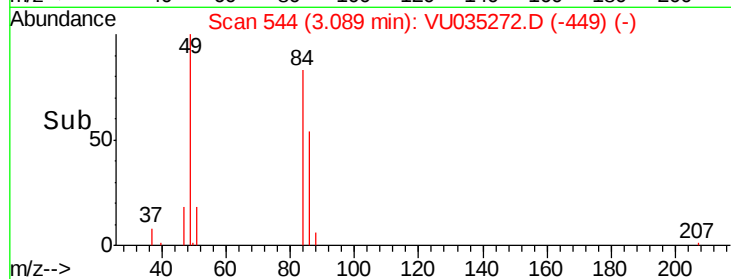
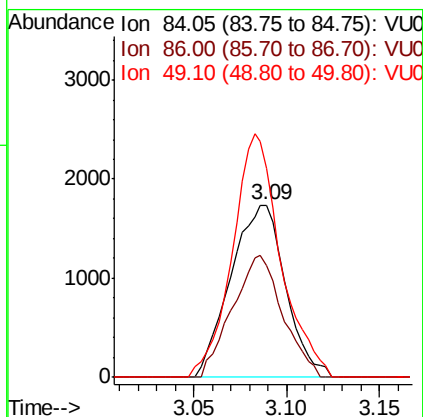
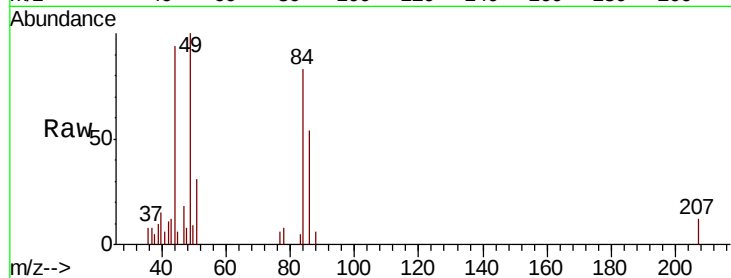




#16
Methvlene chloride
Concen: 0.145 ug/L
RT: 3.09 min Scan# 544
Delta R.T. 0.01 min
Lab File: VU035272.D
Acq: 18 Oct 2019 17:14

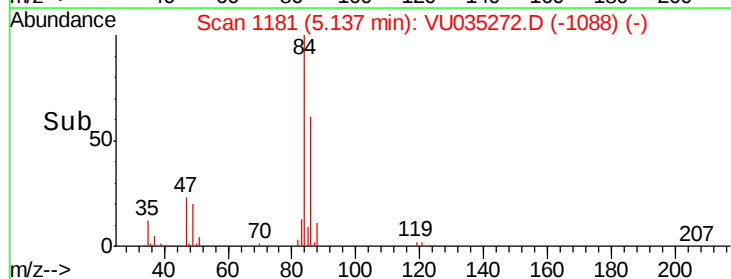
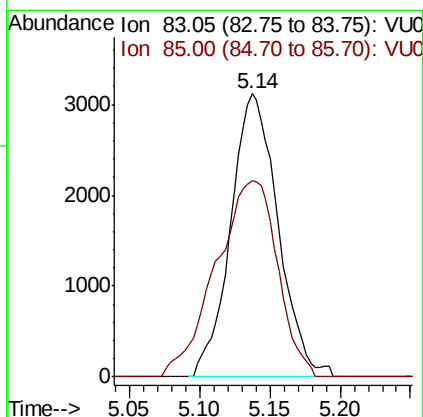
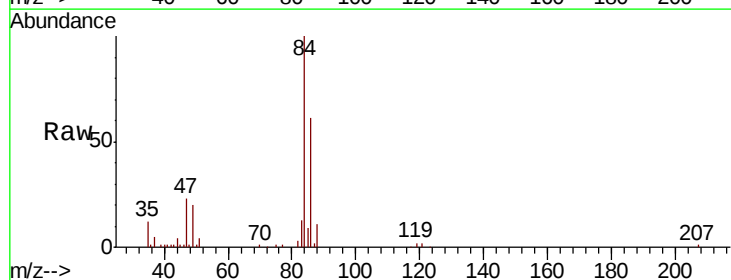
Instrument :
MSVOA_U
ClientSampleId :

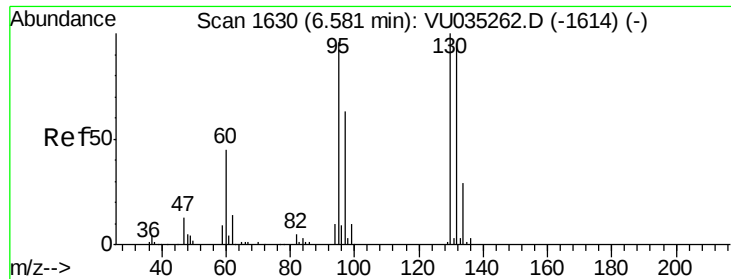
Tot Ion: 84 Resp: 3563
Ion Ratio Lower Upper
84 100
86 65.0 45.4 84.2
49 132.3 86.8 161.2



#25
Chloroform
Concen: 0.167 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035272.D
Acq: 18 Oct 2019 17:14

Tgt Ion: 83 Resp: 7333
Ion Ratio Lower Upper
83 100
85 69.2 45.1 83.9

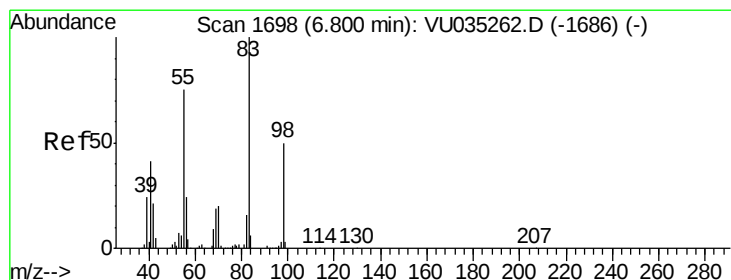
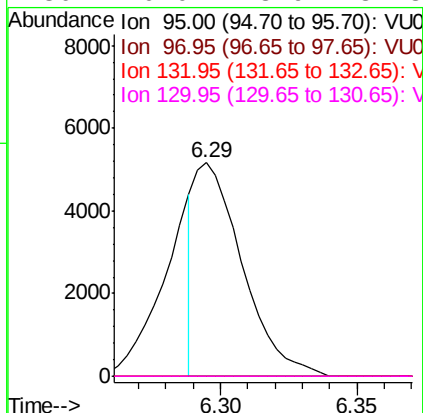
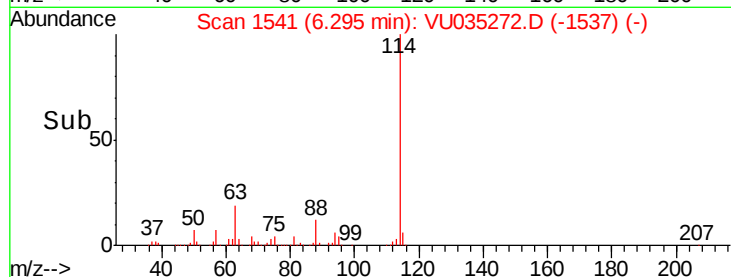
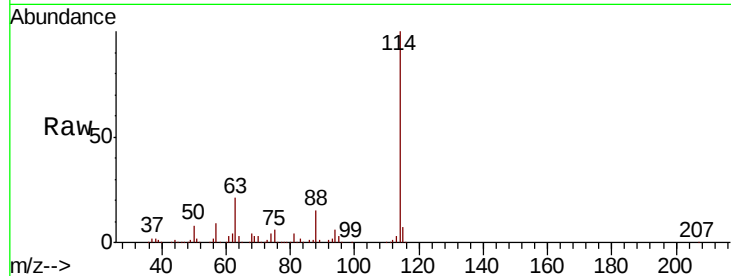




#34
 Trichloroethene
 Concen: 0.255 ug/L
 RT: 6.29 min Scan# 1541
 Delta R.T. -0.29 min
 Lab File: VU035272.D
 Acq: 18 Oct 2019 17:14

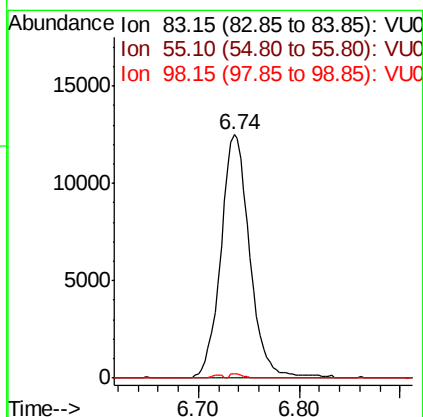
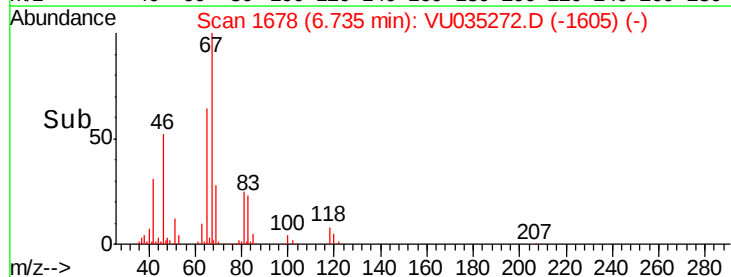
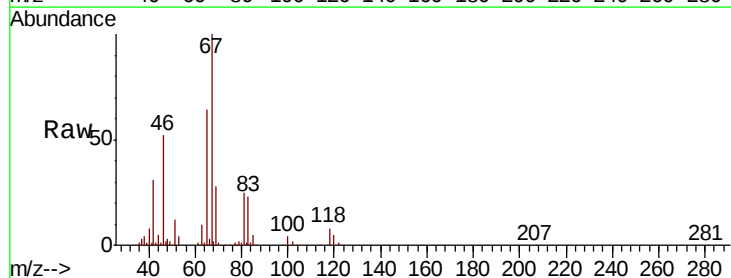
Instrument :
 MSVOA_U
 ClientSampleId :

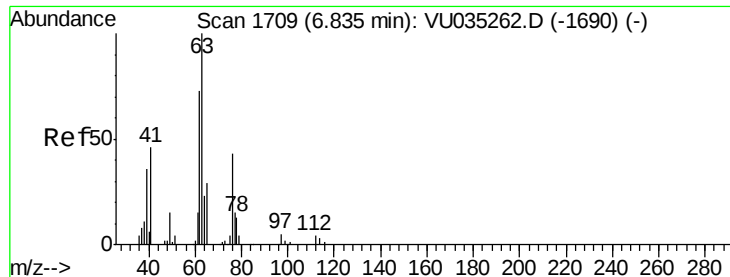
Tot Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.6	86.6#
132	0.0	68.7	127.7#
130	0.0	73.9	137.3#



#35
 Methylcyclohexane
 Concen: 0.613 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.06 min
 Lab File: VU035272.D
 Acq: 18 Oct 2019 17:14

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	0.8	39.5	59.3#





#37

1,2-Dichloropropane

Concen: 0.502 ug/L

RT: 6.74 min Scan# 1679

Delta R.T. -0.10 min

Lab File: VU035272.D

Acq: 18 Oct 2019 17:14

Instrument :

MSVOA_U

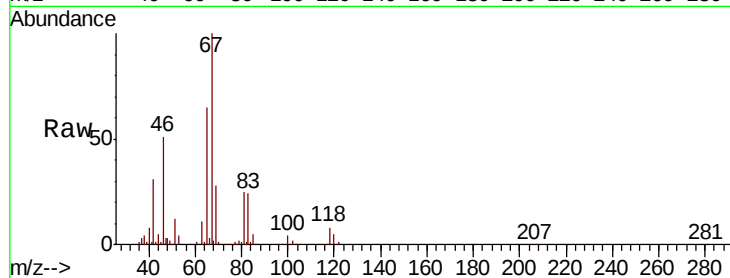
ClientSampleId :

Tot Ion: 63 Resp: 11558

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

6.74

6000

5000

4000

3000

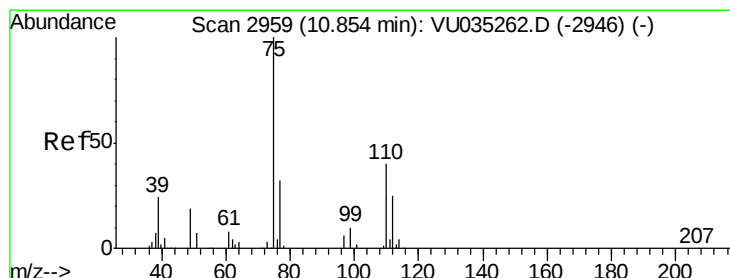
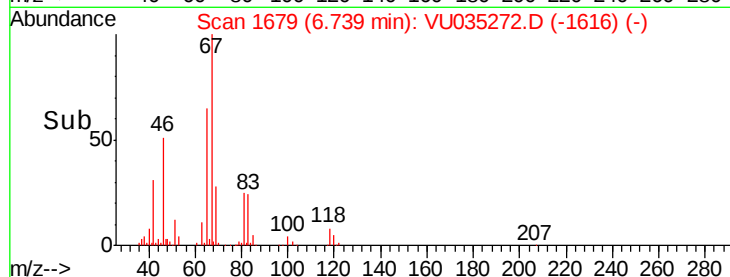
2000

1000

0

6.65 6.70 6.75 6.80

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.913 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035272.D

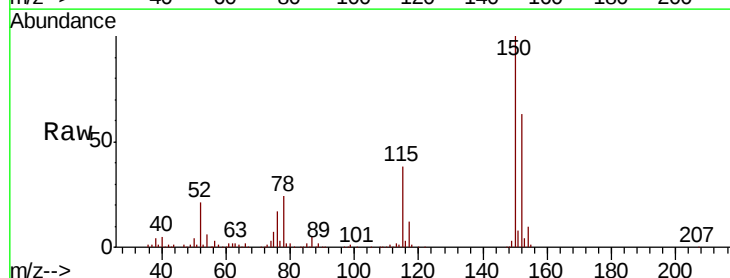
Acq: 18 Oct 2019 17:14

Tgt Ion: 75 Resp: 14641

Ion Ratio Lower Upper

75 100

77 41.6 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.84

8000

6000

4000

2000

0

11.80 11.85 11.90

Time-->

