

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102219\
 Data File : VU035351.D
 Acq On : 22 Oct 2019 09:27
 Operator : JC/SP
 Sample : VU1022WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 06:51:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 06:48:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	285414	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	277000	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	109299	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71767	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.93	69	73906	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.59	63	97645	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.71	46	279088	55.80	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.60%
24) Chloroform-d	5.11	84	155549	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.75	65	89255	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.77	84	292348	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.74	67	102154	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.93	98	252879	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.21	79	41893	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.69	63	214940	49.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.86%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	94025	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	92389	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

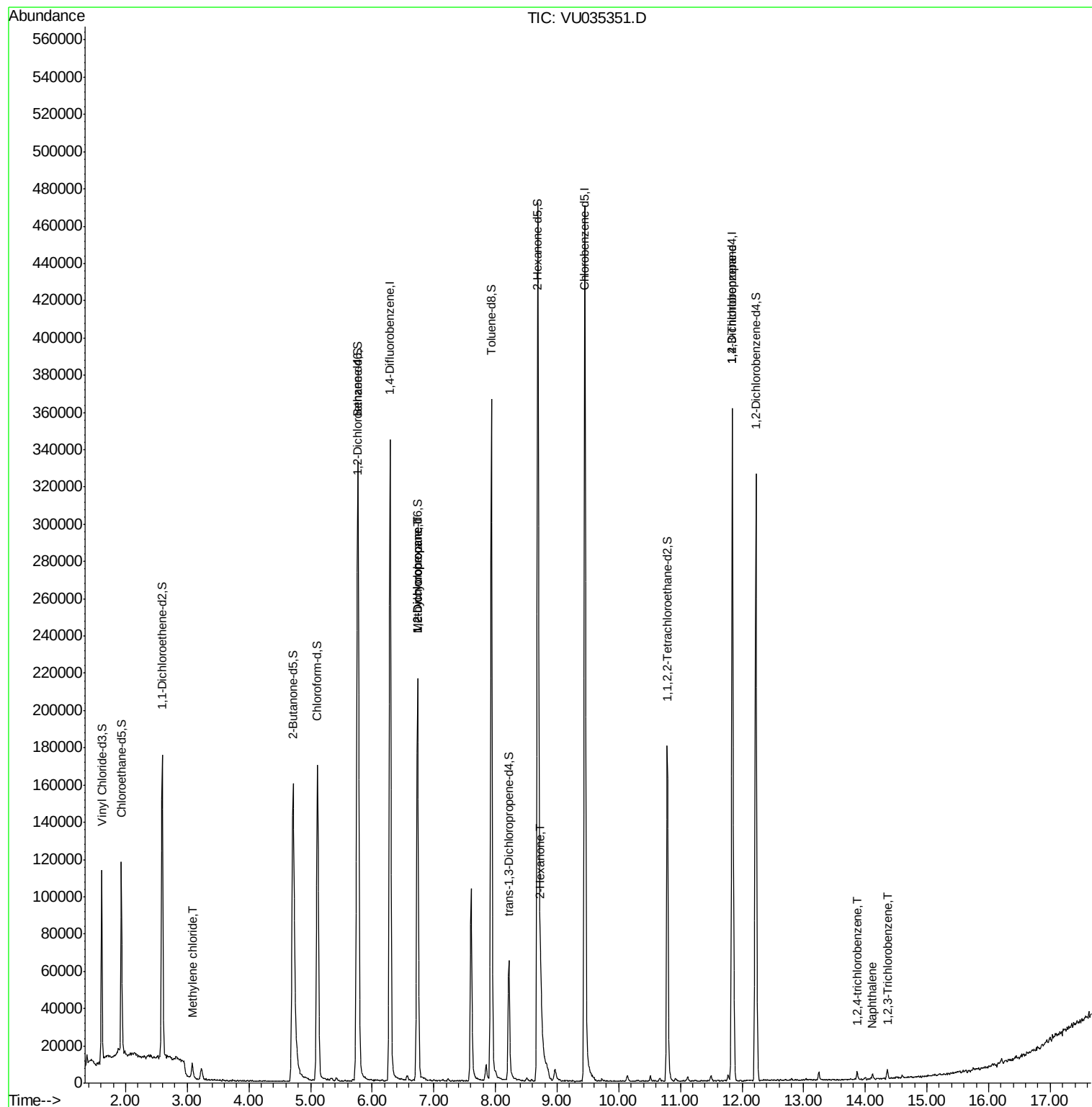
					Ovalue
16) Methylene chloride	3.08	84	3730	0.169 ug/L	84
35) Methylcyclohexane	6.74	83	23633	0.645 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	11695	0.565 ug/L #	86
48) 2-Hexanone	8.74	43	15442	1.576 ug/L #	88
59) 1,2,3-Trichloropropane	11.84	75	13945	0.967 ug/L	90
68) 1,2,4-trichlorobenzene	13.87	180	1470	0.096 ug/L	90
69) Naphthalene	14.11	128	2496	0.118 ug/L #	94
70) 1,2,3-Trichlorobenzene	14.36	180	1745	0.121 ug/L	93

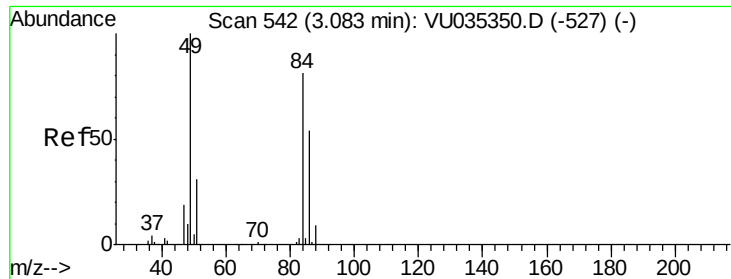
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

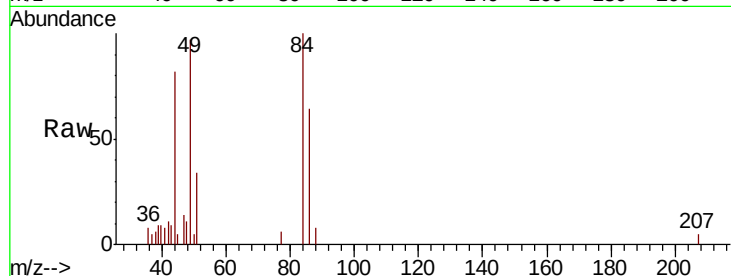




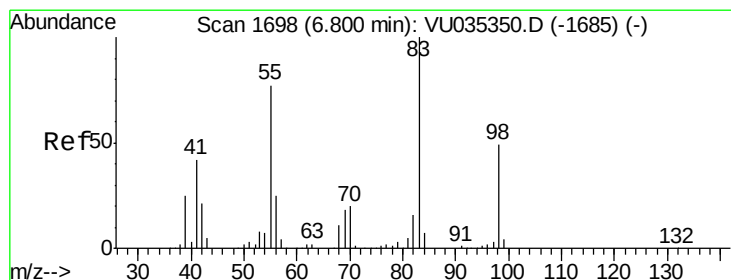
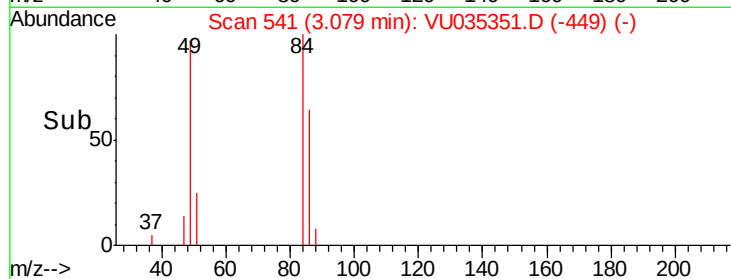
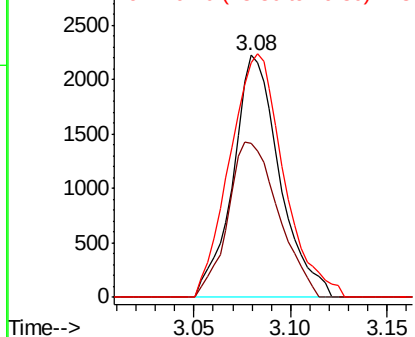
#16
Methylene chloride
Concen: 0.169 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035351.D
Acq: 22 Oct 2019 09:27

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 3730
Ion Ratio Lower Upper
84 100
86 63.6 45.4 84.2
49 97.0 86.8 161.2

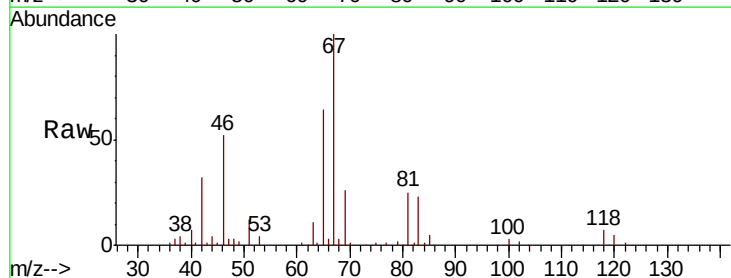


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

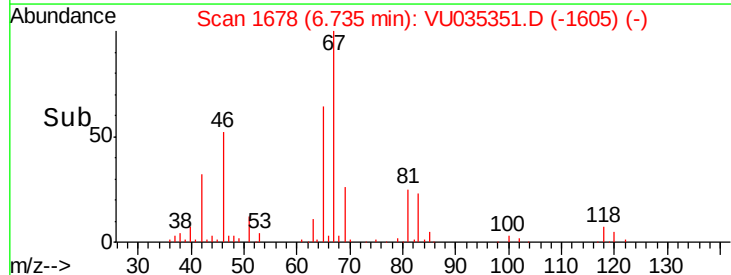
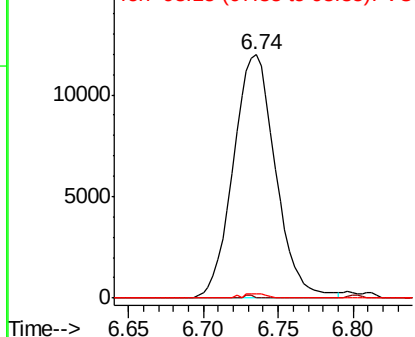


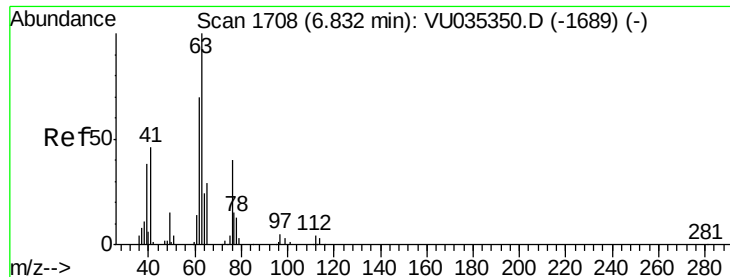
#35
Methylcyclohexane
Concen: 0.645 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035351.D
Acq: 22 Oct 2019 09:27

Tgt Ion: 83 Resp: 23633
Ion Ratio Lower Upper
83 100
55 0.2 60.4 90.6#
98 1.0 39.5 59.3#



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

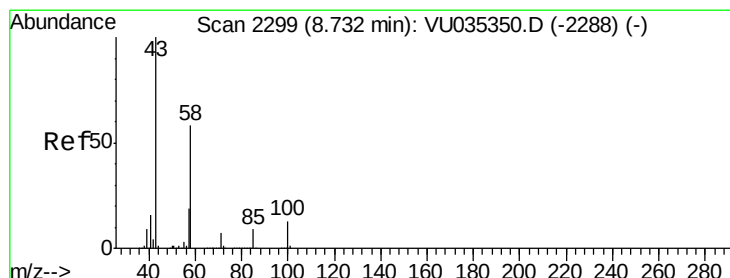
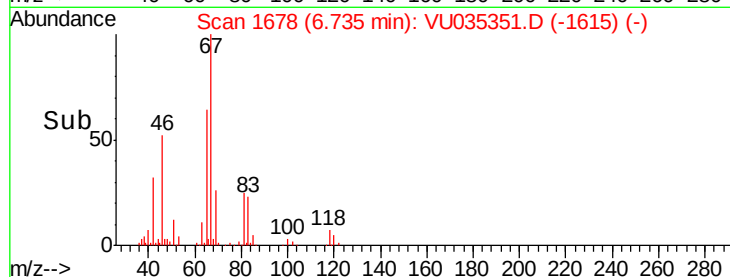
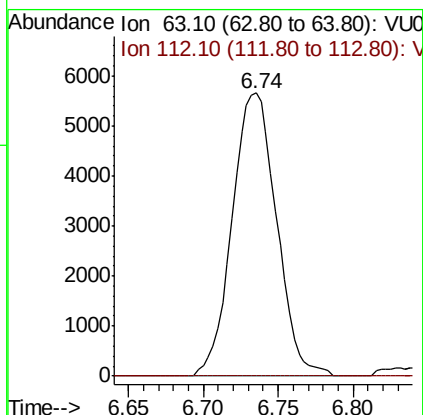
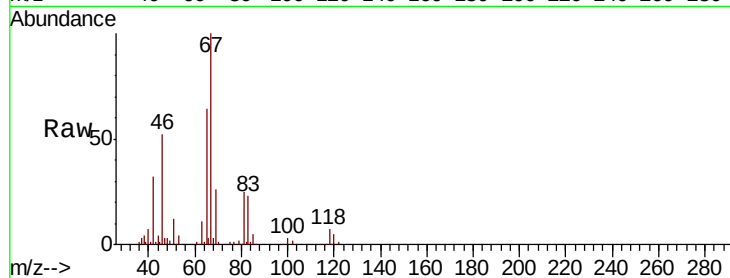




#37
 1,2-Dichloropropane
 Concen: 0.565 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035351.D
 Acq: 22 Oct 2019 09:27

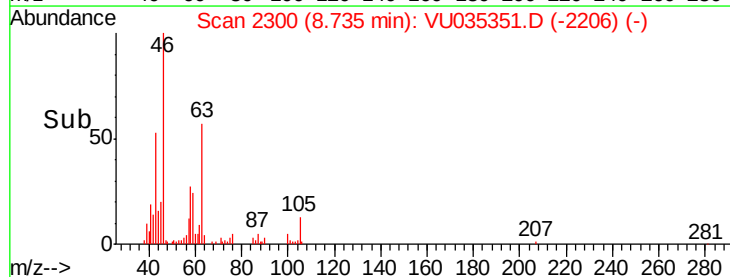
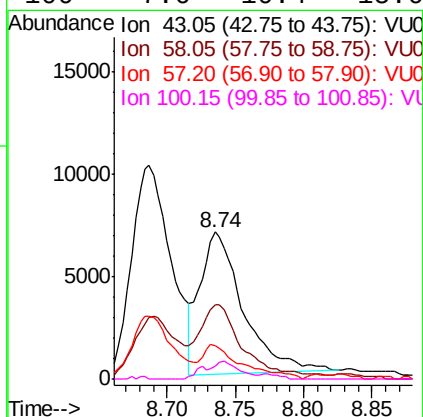
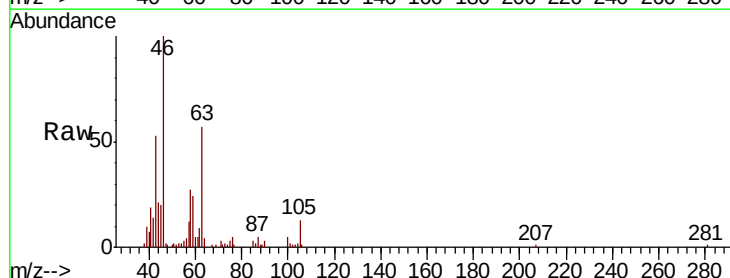
Instrument :
 MSVOA_U
 ClientSampleId :

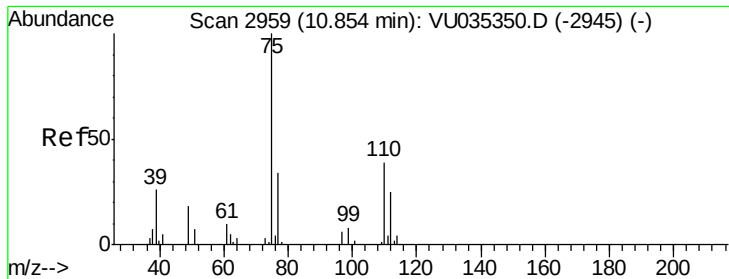
Tot Ion: 63 Resp: 11695
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#48
 2-Hexanone
 Concen: 1.576 ug/L
 RT: 8.74 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VU035351.D
 Acq: 22 Oct 2019 09:27

Tgt Ion: 43 Resp: 15442
 Ion Ratio Lower Upper
 43 100
 58 45.8 45.1 67.7
 57 22.2 16.0 24.0
 100 7.6 10.4 15.6#

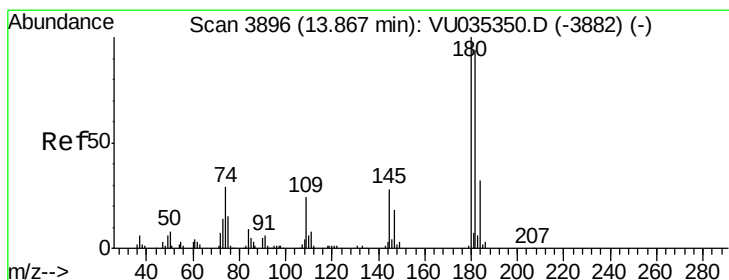
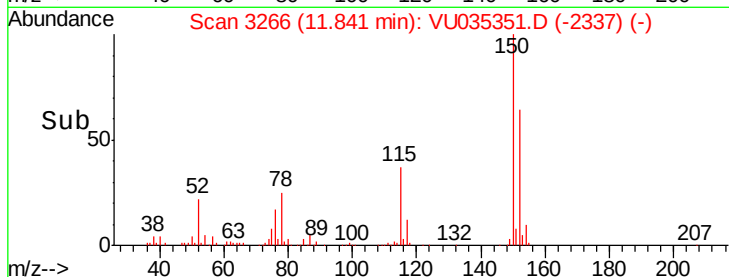
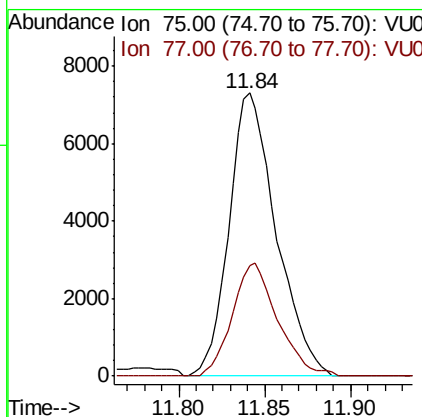
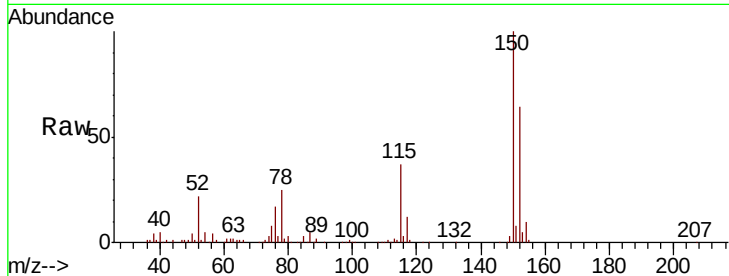




#59
 1,2,3-Trichloropropane
 Concen: 0.967 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035351.D
 Acq: 22 Oct 2019 09:27

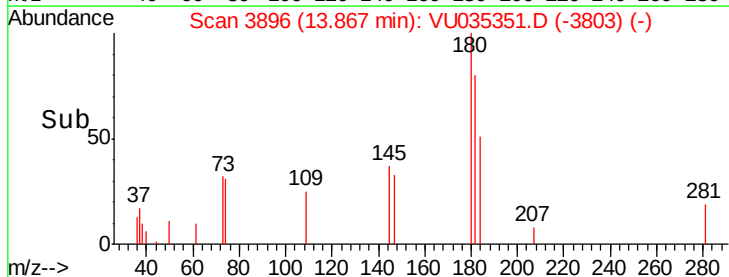
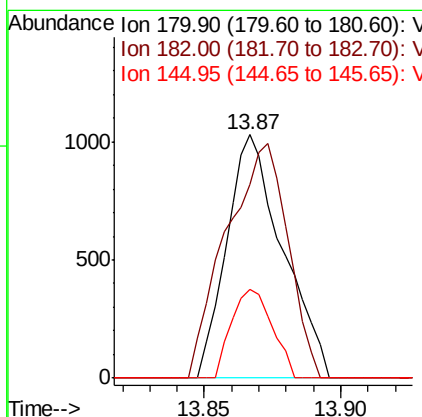
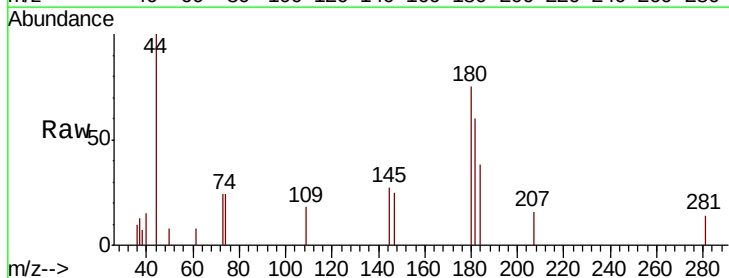
Instrument :
 MSVOA_U
 ClientSampleId :

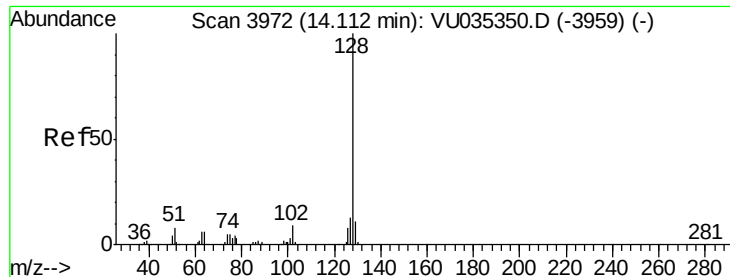
Tot Ion: 75 Resp: 13945
 Ion Ratio Lower Upper
 75 100
 77 38.3 26.2 39.2



#68
 1,2,4-trichlorobenzene
 Concen: 0.096 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. -0.00 min
 Lab File: VU035351.D
 Acq: 22 Oct 2019 09:27

Tgt Ion: 180 Resp: 1470
 Ion Ratio Lower Upper
 180 100
 182 105.6 75.9 113.9
 145 26.5 23.4 35.2





#69

Naphthalene

Concen: 0.118 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. 0.00 min

Lab File: VU035351.D

Acq: 22 Oct 2019 09:27

Instrument :

MSVOA_U

ClientSampleId :

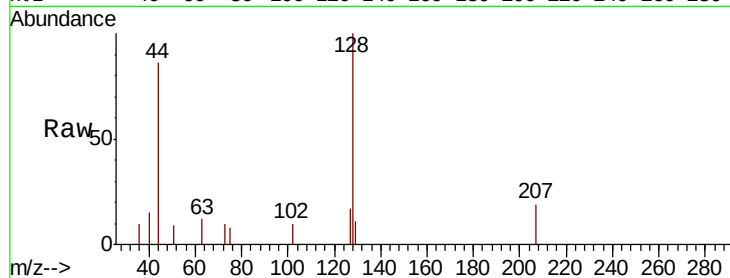
Tot Ion:128 Resp: 2496

Ion Ratio Lower Upper

128 100

129 6.9 8.6 13.0#

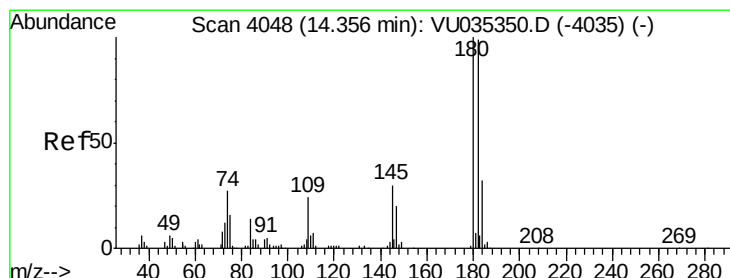
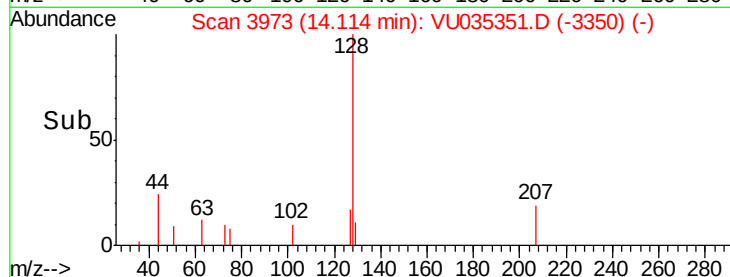
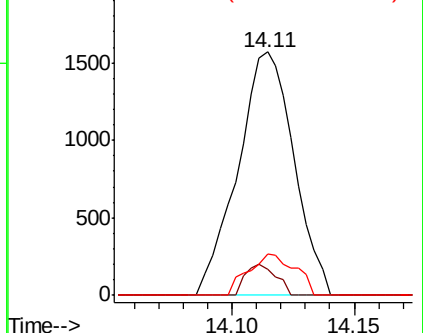
127 14.2 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.121 ug/L

RT: 14.36 min Scan# 4049

Delta R.T. 0.00 min

Lab File: VU035351.D

Acq: 22 Oct 2019 09:27

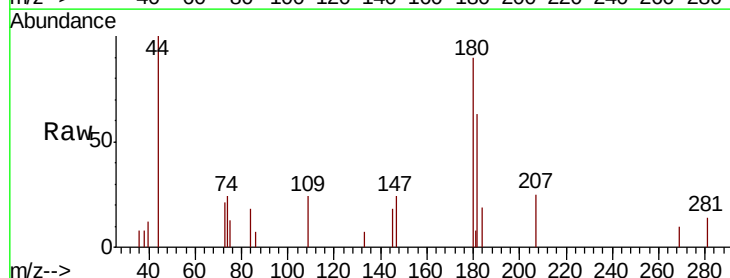
Tgt Ion:180 Resp: 1745

Ion Ratio Lower Upper

180 100

182 103.6 76.0 114.0

145 30.4 24.6 37.0



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

