

Data File : VU035854.D
Acq On : 26 Nov 2019 13:39
Operator : JC/SP
Sample : K5992-08DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARE9DL

Quant Time: Nov 27 01:22:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	226712	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	264491	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	98392	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	157303	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.93	69	139341	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.59	63	193606	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.70	46	363002	52.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.92%
24) Chloroform-d	5.11	84	245111	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.75	65	138987	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.77	84	474440	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.73	67	166141	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.93	98	378361	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.22	79	58172	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.68	63	273532	51.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.88%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	132354	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	113454	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

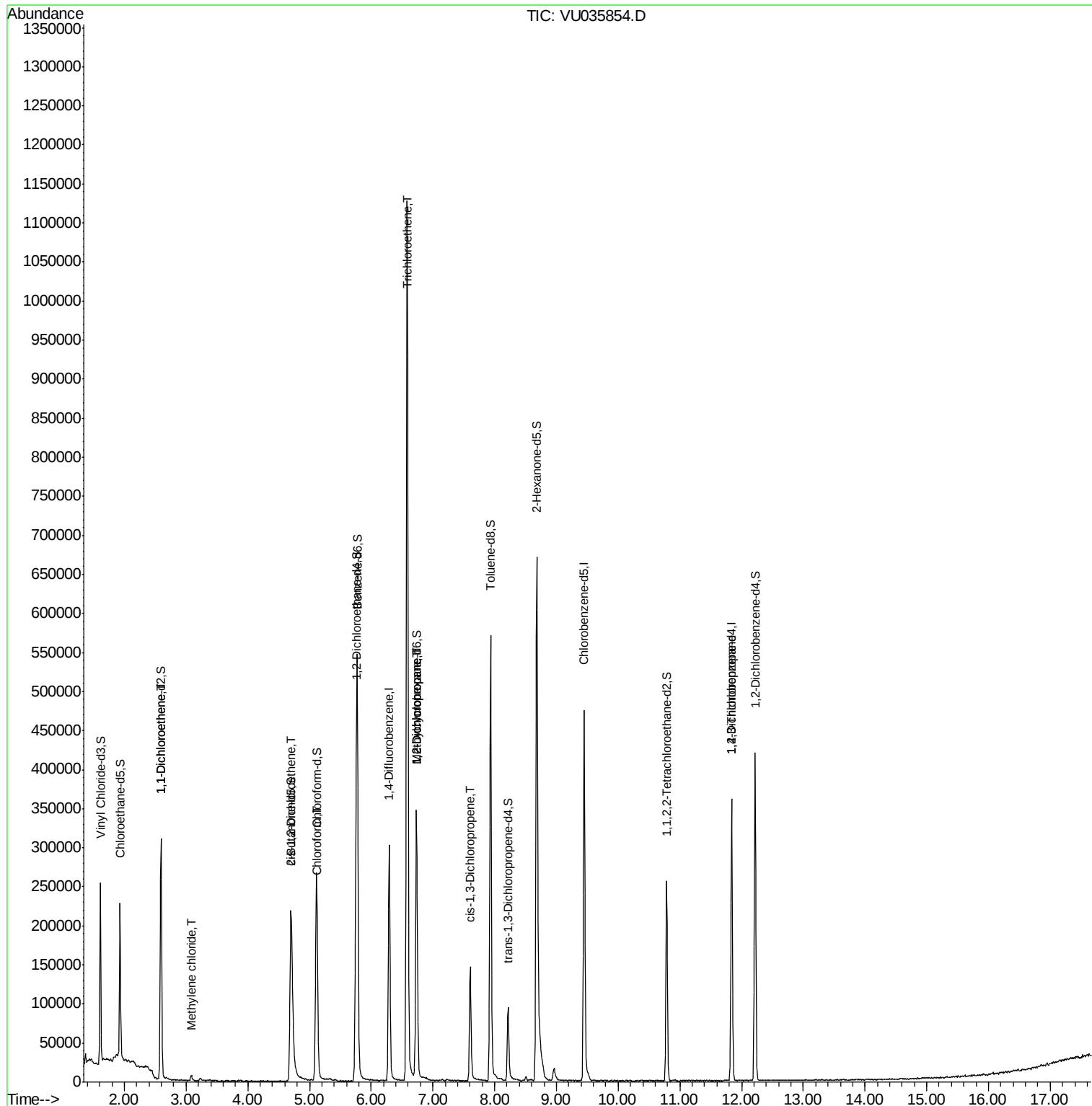
					Qvalue
12) 1,1-Dichloroethene	2.60	96	2487	0.105 ug/L #	1
16) Methylene chloride	3.09	84	3616	0.127 ug/L #	67
22) cis-1,2-Dichloroethene	4.71	96	8838	0.341 ug/L	88
25) Chloroform	5.13	83	15678	0.309 ug/L	90
34) Trichloroethene	6.58	95	397842	14.698 ug/L	98
35) Methylcyclohexane	6.73	83	36219	0.912 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	17550	0.560 ug/L #	92
39) cis-1,3-Dichloropropene	7.60	75	3789	0.093 ug/L #	56
59) 1,2,3-Trichloropropane	11.84	75	13503	0.663 ug/L	90

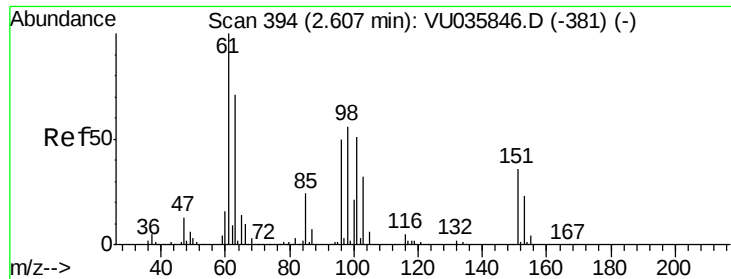
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.105 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU035854.D

Acq: 26 Nov 2019 13:39

Instrument :

MSVOA_U

ClientSampleID :

GARE9DL

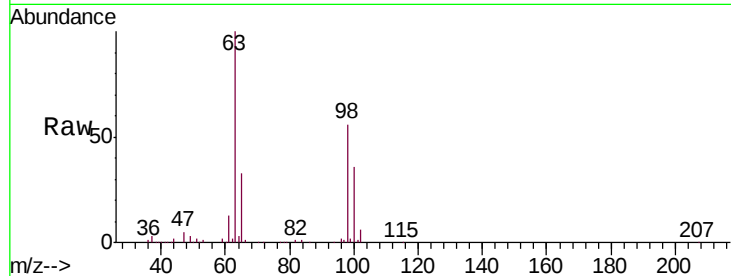
Tgt Ion: 96 Resp: 2487

Ion Ratio Lower Upper

96 100

61 790.0 139.3 258.7#

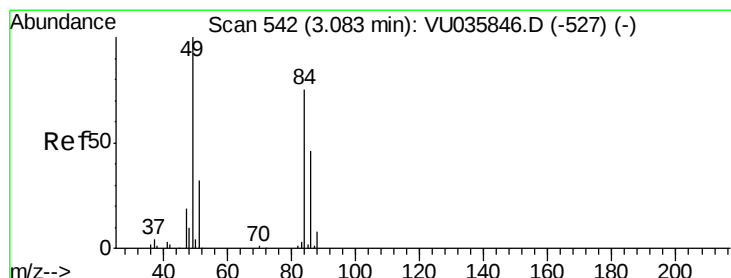
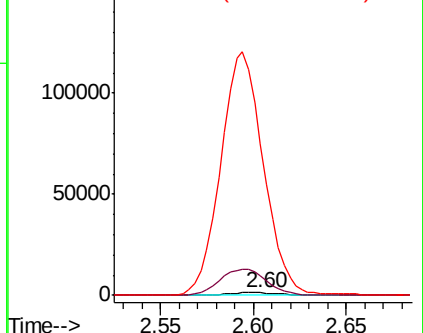
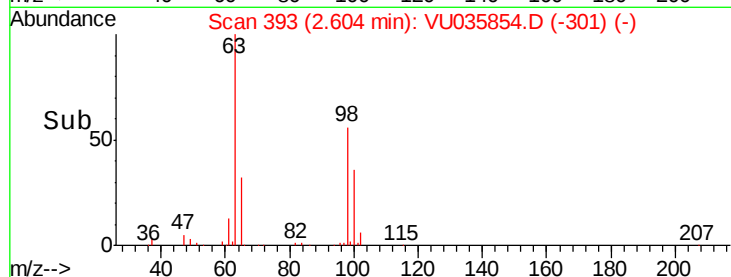
63 6019.6 93.7 174.1#



Abundance Ion 96.00 (95.70 to 96.70): VU035854.D (-393) (-)

Ion 61.05 (60.75 to 61.75): VU035854.D (-393) (-)

Ion 63.00 (62.70 to 63.70): VU035854.D (-393) (-)



#16

Methylene chloride

Concen: 0.127 ug/L

RT: 3.09 min Scan# 544

Delta R.T. 0.01 min

Lab File: VU035854.D

Acq: 26 Nov 2019 13:39

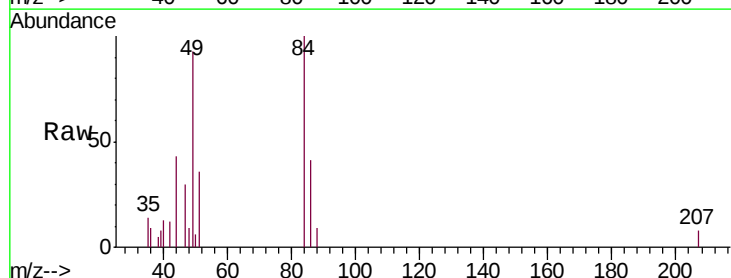
Tgt Ion: 84 Resp: 3616

Ion Ratio Lower Upper

84 100

86 40.9 44.4 82.5#

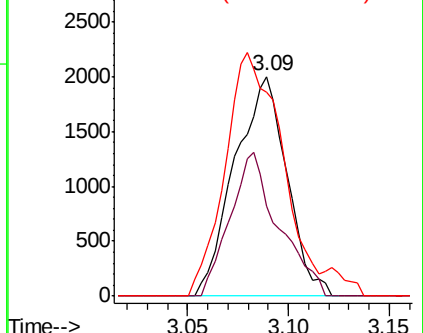
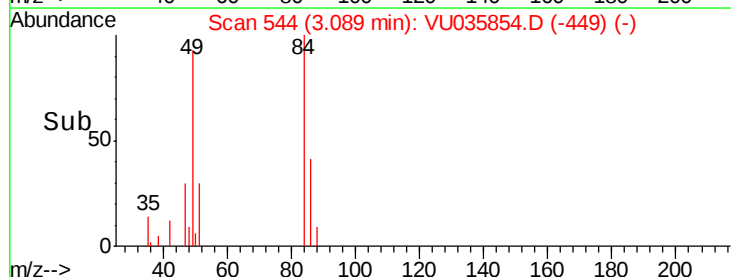
49 92.9 94.0 174.6#

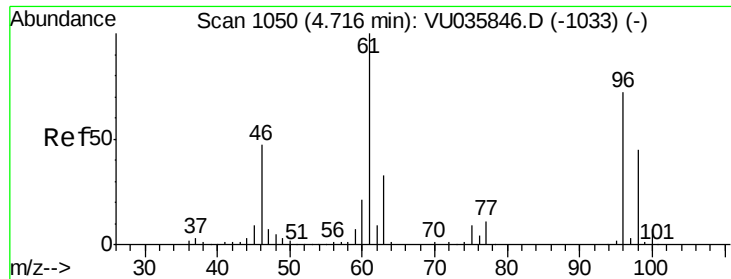


Abundance Ion 84.05 (83.75 to 84.75): VU035854.D (-544) (-)

Ion 86.00 (85.70 to 86.70): VU035854.D (-544) (-)

Ion 49.10 (48.80 to 49.80): VU035854.D (-544) (-)

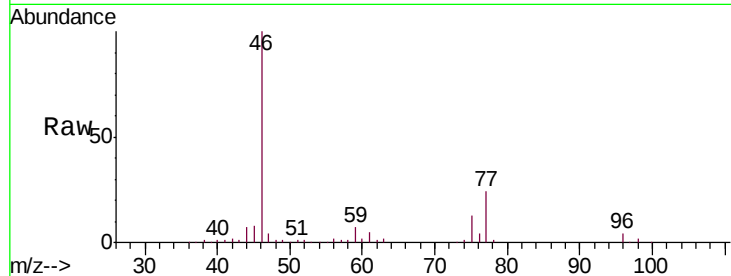




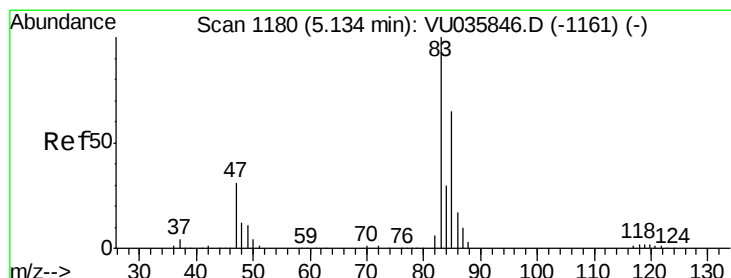
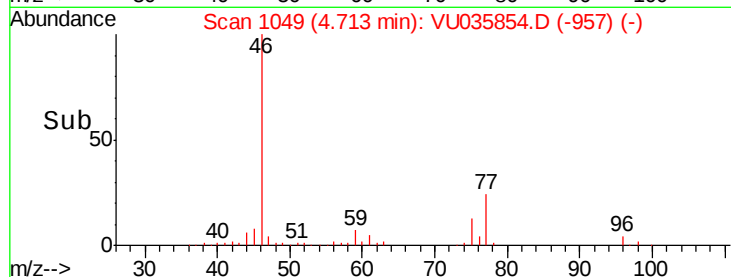
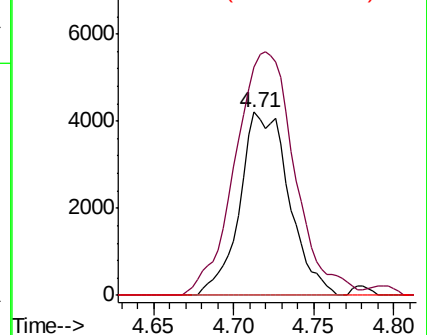
#22
 cis-1,2-Dichloroethene
 Concen: 0.341 ug/L
 RT: 4.71 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU035854.D
 Acq: 26 Nov 2019 13:39

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE9DL

Tgt Ion: 96 Resp: 8838
 Ion Ratio Lower Upper
 96 100
 61 124.9 98.1 182.1
 68 0.0 0.0 0.0

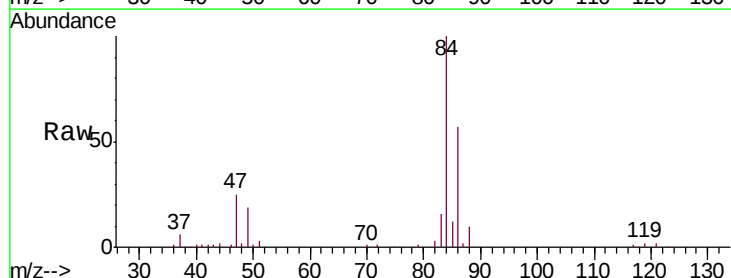


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

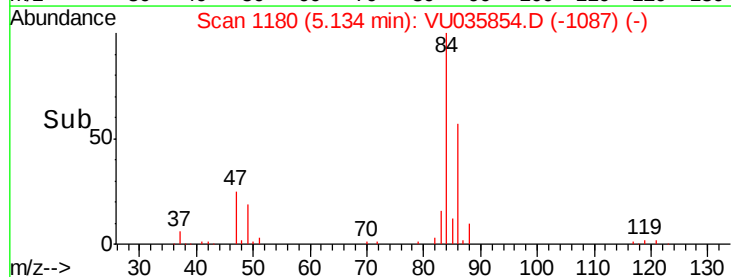
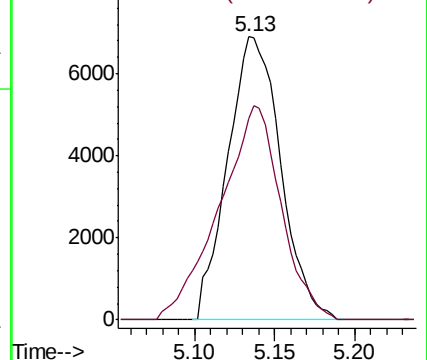


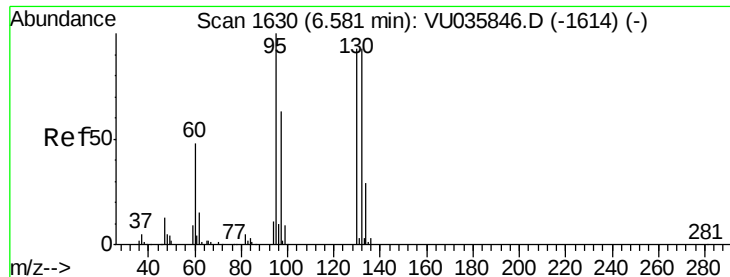
#25
 Chloroform
 Concen: 0.309 ug/L
 RT: 5.13 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VU035854.D
 Acq: 26 Nov 2019 13:39

Tgt Ion: 83 Resp: 15678
 Ion Ratio Lower Upper
 83 100
 85 71.3 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0

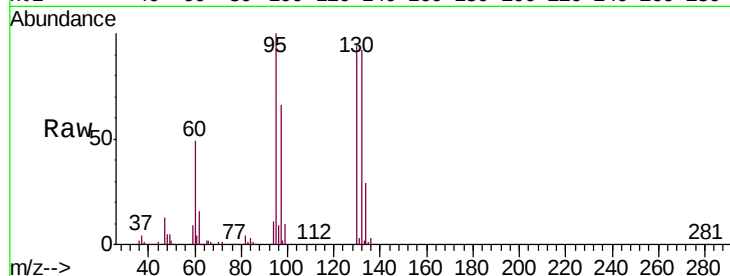




#34
 Trichloroethene
 Concen: 14.698 ug/L
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VU035854.D
 Acq: 26 Nov 2019 13:39

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE9DL

Tgt Ion	Resp	Lower	Upper
95	100		
97	66.2	45.1	83.9
132	92.1	61.9	114.9
130	93.8	66.3	123.1



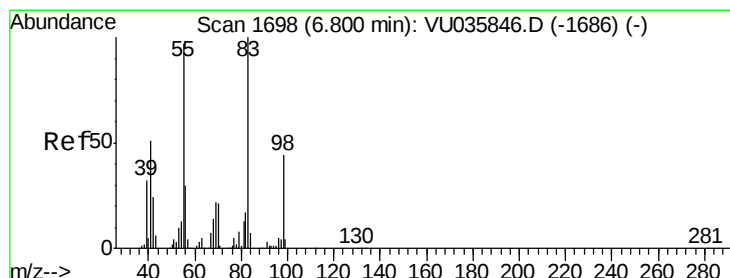
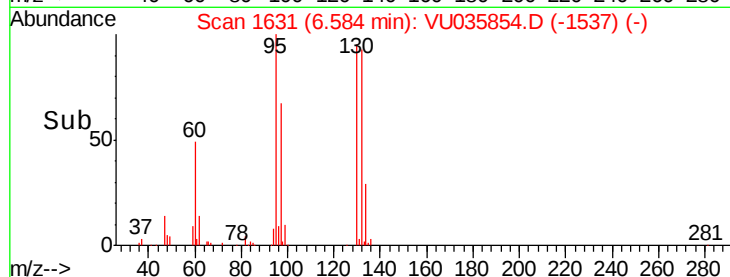
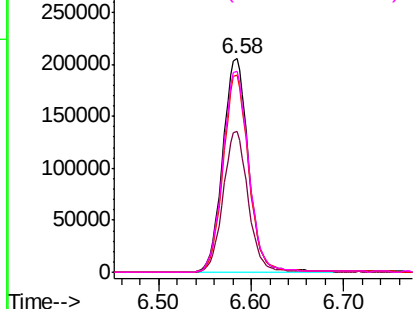
Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

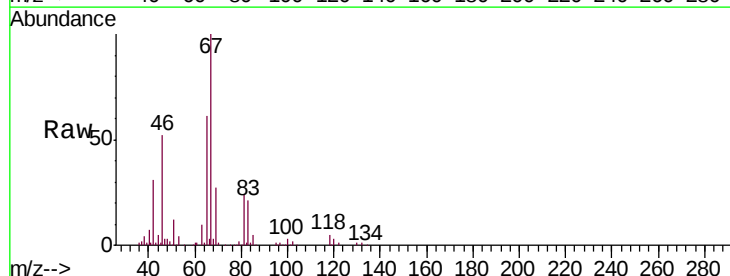
Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35
 Methylcyclohexane
 Concen: 0.912 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.07 min
 Lab File: VU035854.D
 Acq: 26 Nov 2019 13:39

Tgt Ion	Resp	Lower	Upper
83	100		
55	0.9	72.7	109.1#
98	1.4	36.2	54.4#

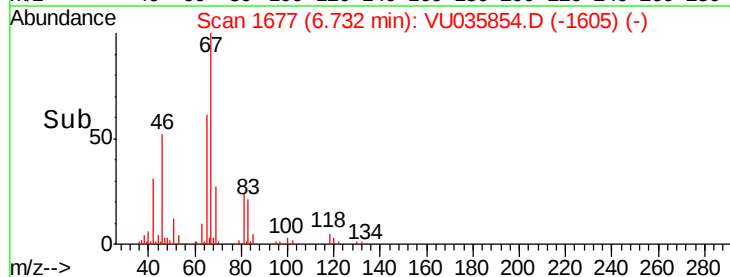
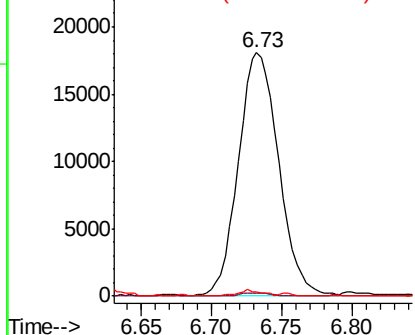


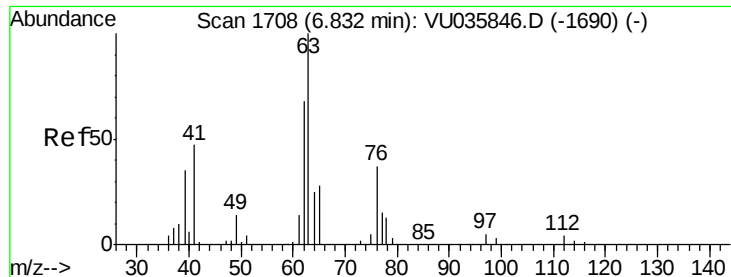
Abundance

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

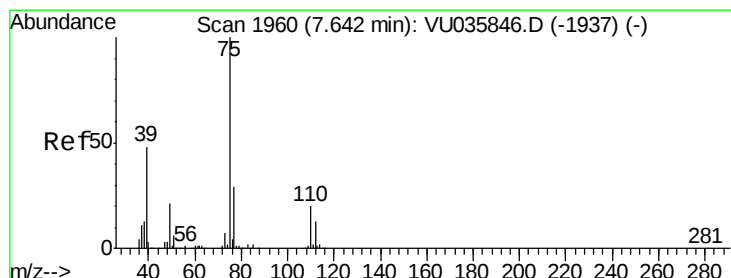
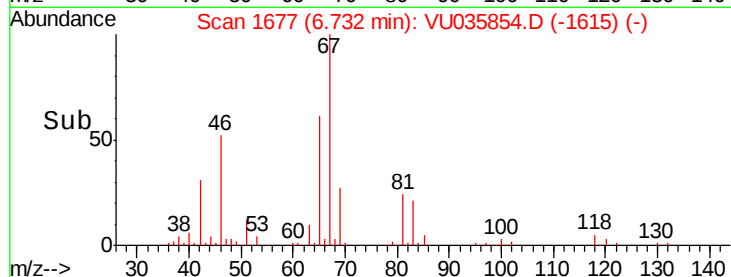
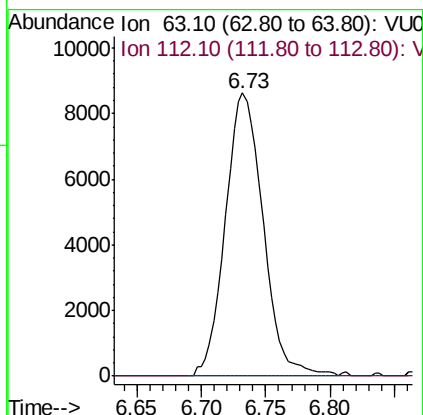
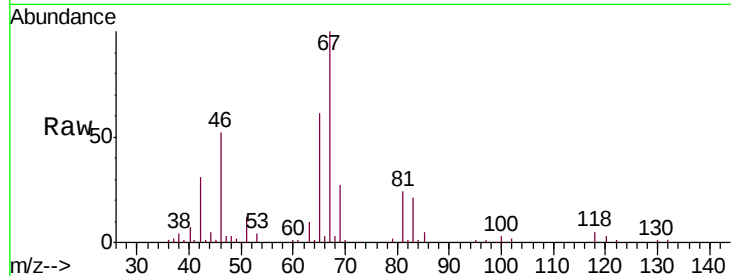




#37
 1,2-Dichloropropane
 Concen: 0.560 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035854.D
 Acq: 26 Nov 2019 13:39

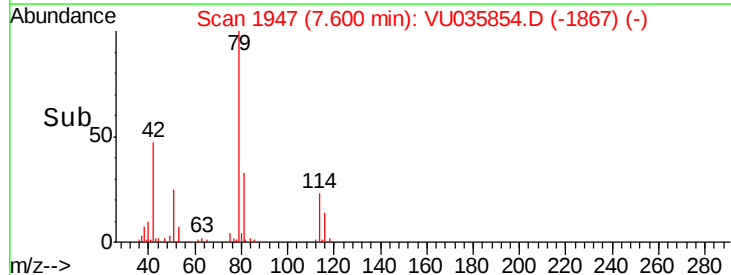
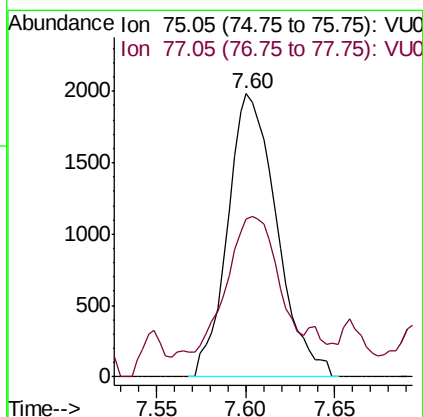
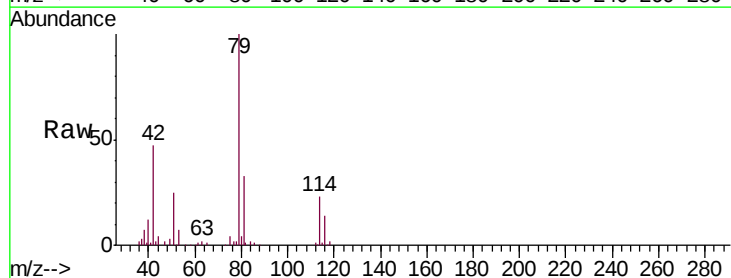
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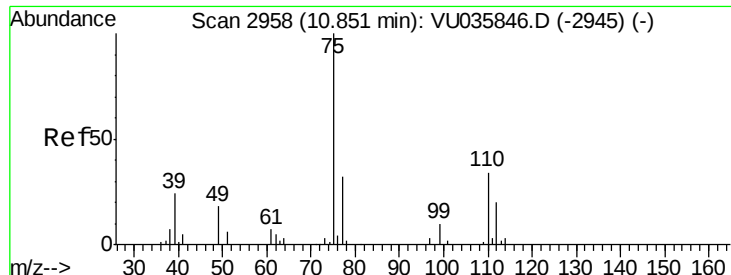
Tgt Ion: 63 Resp: 17550
 Ion Ratio Lower Upper
 63 100
 112 0.7 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU035854.D
 Acq: 26 Nov 2019 13:39

Tgt Ion: 75 Resp: 3789
 Ion Ratio Lower Upper
 75 100
 77 55.9 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 0.663 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU035854.D

Acq: 26 Nov 2019 13:39

Instrument :

MSVOA_U

ClientSampleId :

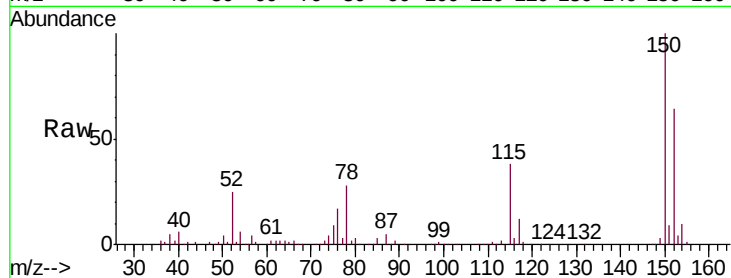
GARE9DL

Tgt Ion: 75 Resp: 13503

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

