

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041620\
 Data File : VU037756.D
 Acq On : 16 Apr 2020 15:53
 Operator : JC/MD
 Sample : L2292-04
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 17 01:35:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 17 01:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	268895	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	258818	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	126782	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94440	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.93	69	82135	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.59	63	123399	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.66	46	290298	51.95	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.90%
24) Chloroform-d	5.10	84	159331	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.74	65	95542	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.76	84	341350	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.72	67	113762	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.92	98	306086	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	8.20	79	47368	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.65	63	255699	48.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	86209	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	113504	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

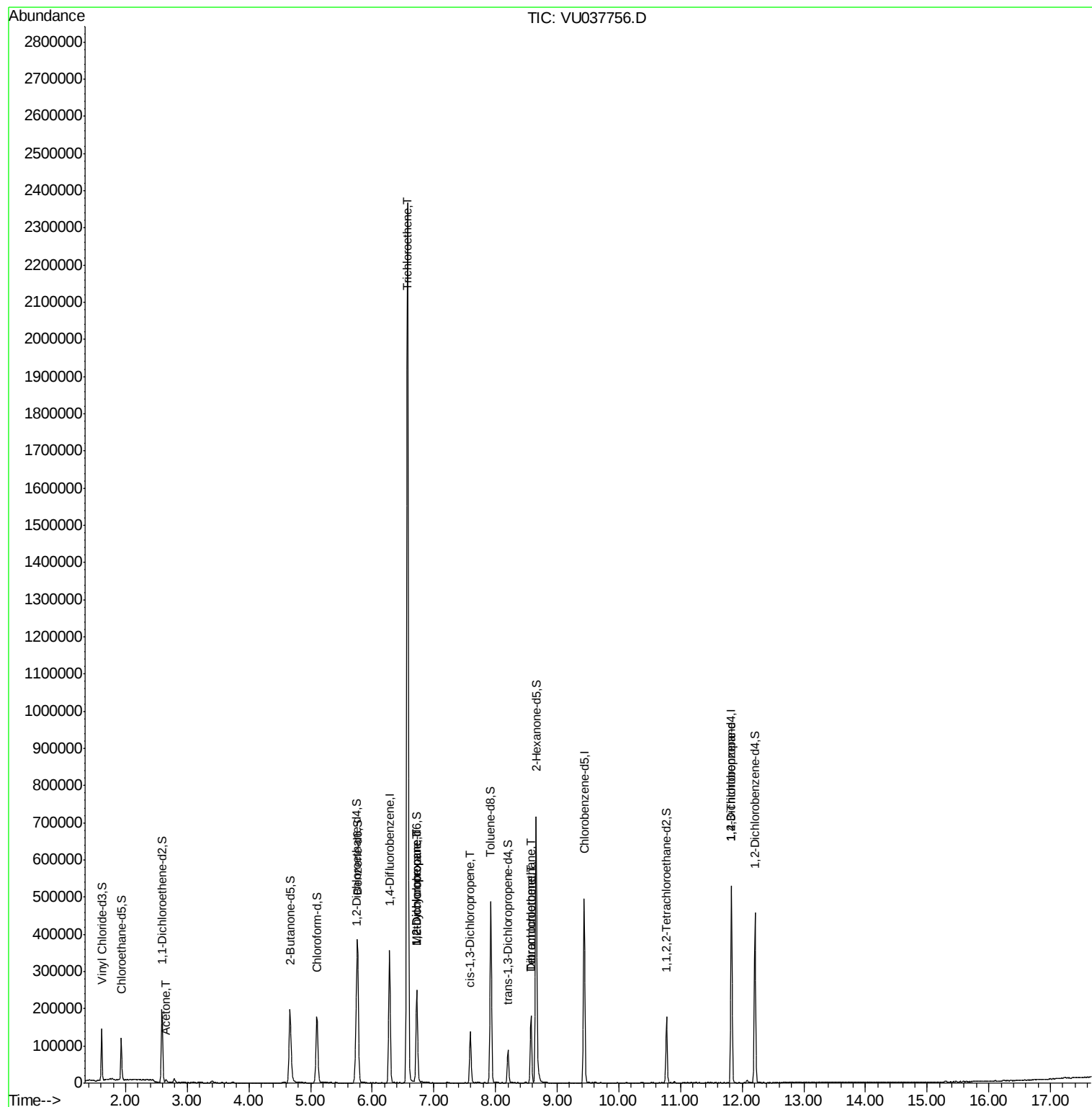
					Ovalue
13) Acetone	2.66	43	8943	2.427 ug/L	92
34) Trichloroethene	6.57	95	797899	37.967 ug/L	98
35) Methylcyclohexane	6.72	83	24507	0.665 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	12159	0.536 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2947	0.083 ug/L #	30
47) Tetrachloroethene	8.57	164	39146	2.592 ug/L	96
49) Dibromochloromethane	8.57	129	36202	2.073 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	18179	1.225 ug/L	92

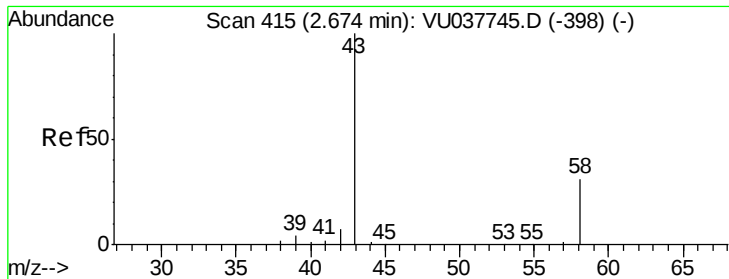
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 17 01:29:02 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.427 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU037756.D

Acq: 16 Apr 2020 15:53

Instrument :

MSVOA_U

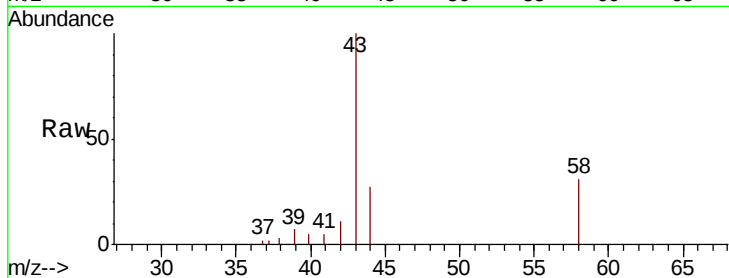
ClientSampleId :

Tot Ion: 43 Resp: 8943

Ion Ratio Lower Upper

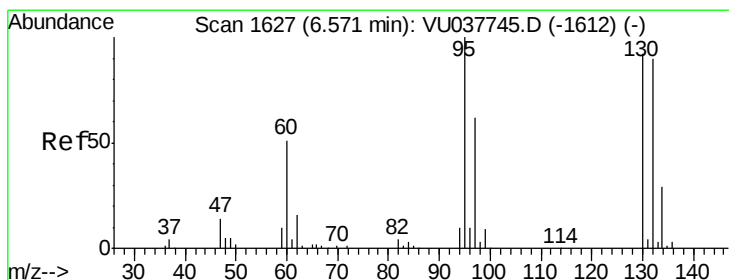
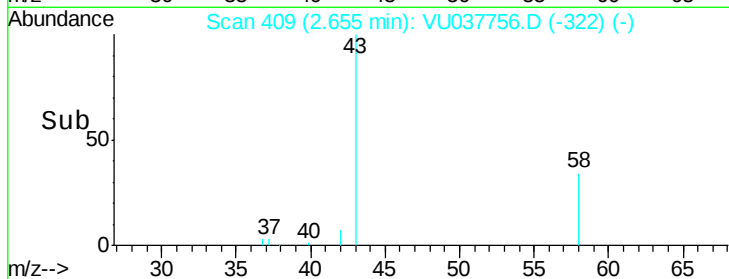
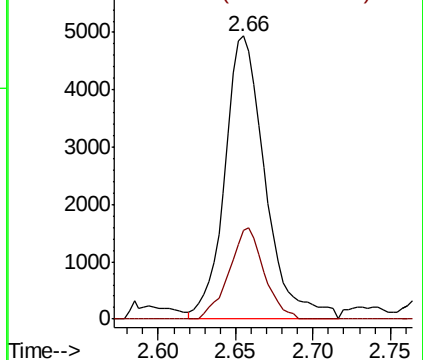
43 100

58 27.8 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037745.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VU037745.D (-398) (-)



#34

Trichloroethene

Concen: 37.967 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037756.D

Acq: 16 Apr 2020 15:53

Tgt Ion: 95 Resp: 797899

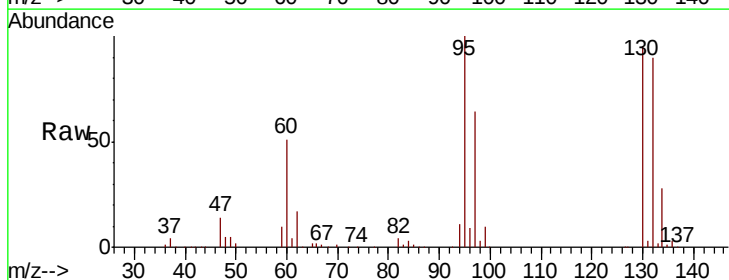
Ion Ratio Lower Upper

95 100

97 64.3 45.4 84.2

132 89.9 63.7 118.3

130 94.5 68.7 127.5

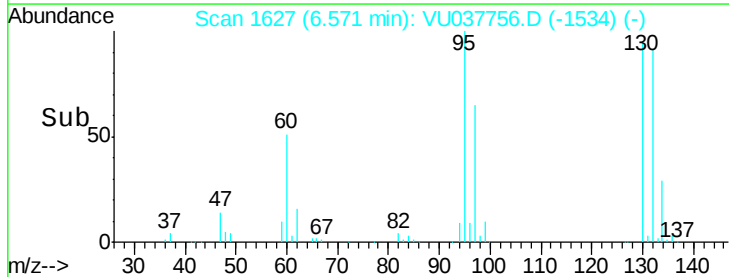
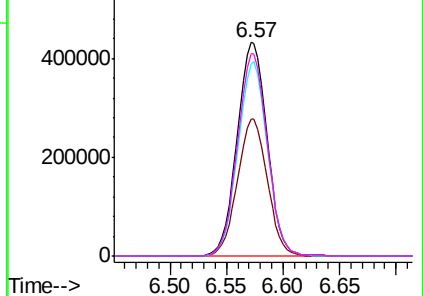


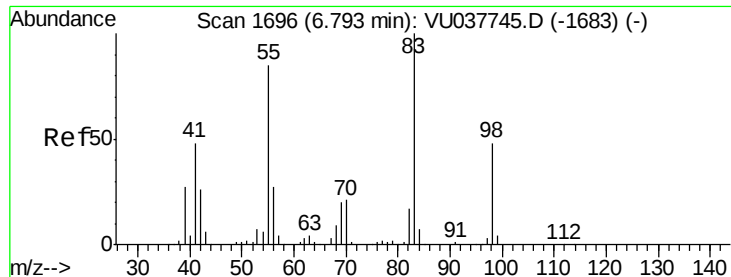
Abundance Ion 95.00 (94.70 to 95.70): VU037745.D (-1612) (-)

Ion 96.95 (96.65 to 97.65): VU037745.D (-1612) (-)

Ion 131.95 (131.65 to 132.65): VU037745.D (-1612) (-)

Ion 129.95 (129.65 to 130.65): VU037745.D (-1612) (-)

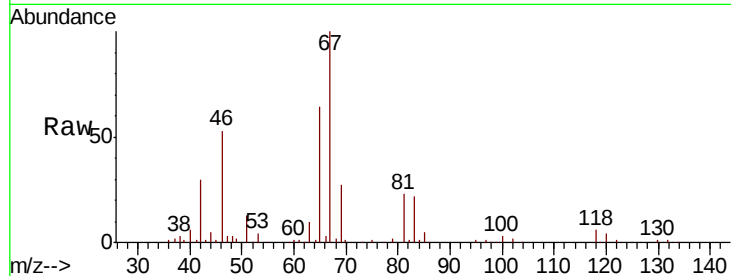




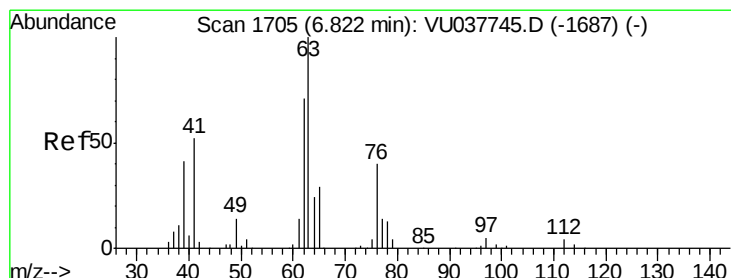
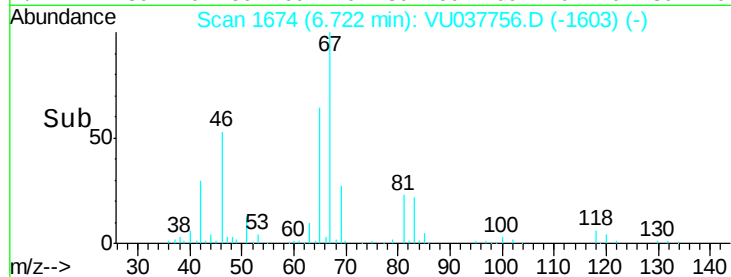
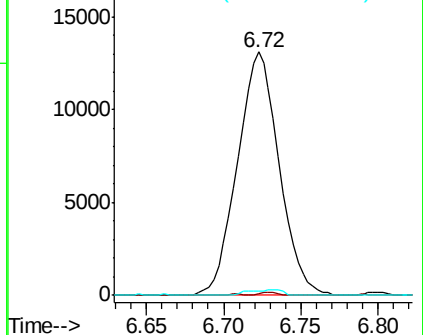
#35
Methvlcvclohexane
Concen: 0.665 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037756.D
Acq: 16 Apr 2020 15:53

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 24507
Ion Ratio Lower Upper
83 100
55 0.5 65.5 98.3#
98 0.0 38.2 57.4#

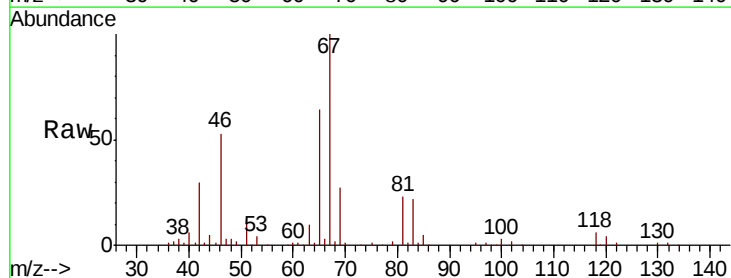


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

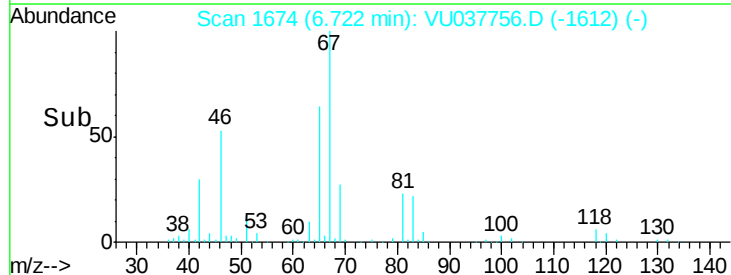
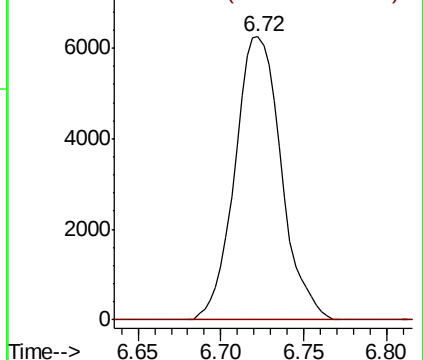


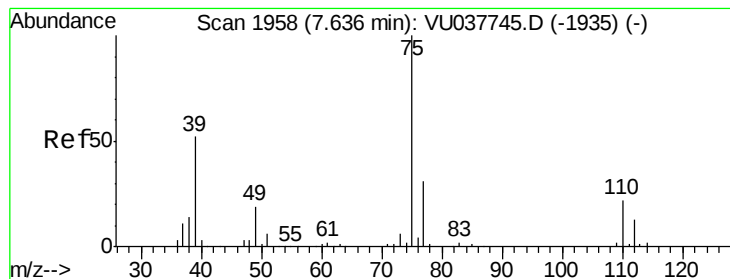
#37
1,2-Dichloropropane
Concen: 0.536 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037756.D
Acq: 16 Apr 2020 15:53

Tgt Ion: 63 Resp: 12159
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



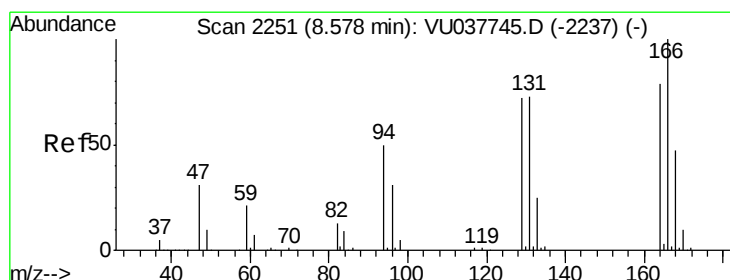
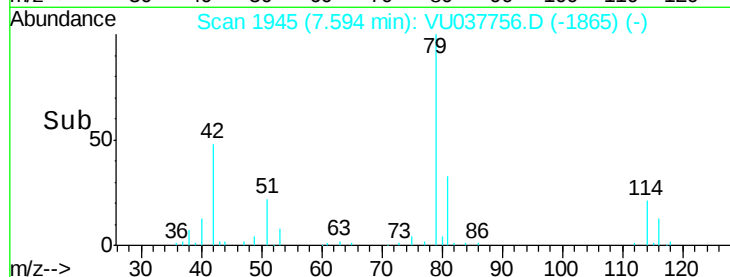
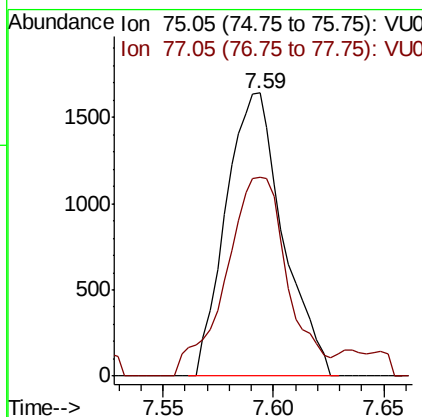
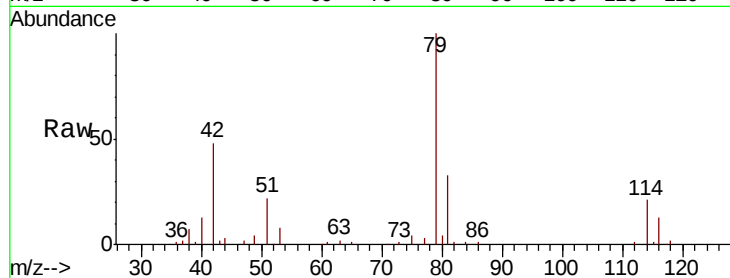


#39

cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU037756.D
Acq: 16 Apr 2020 15:53

Instrument :
MSVOA_U
ClientSampleId :

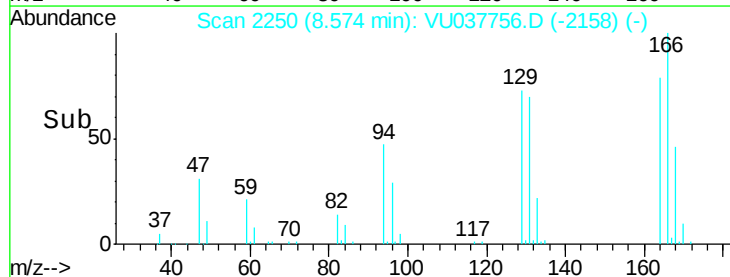
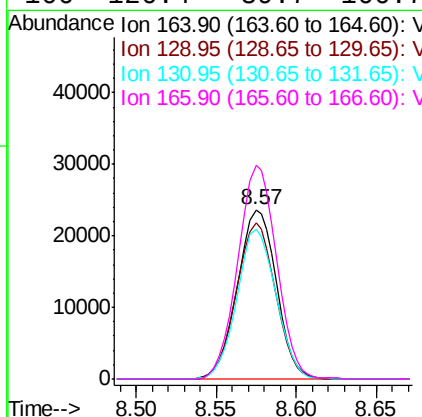
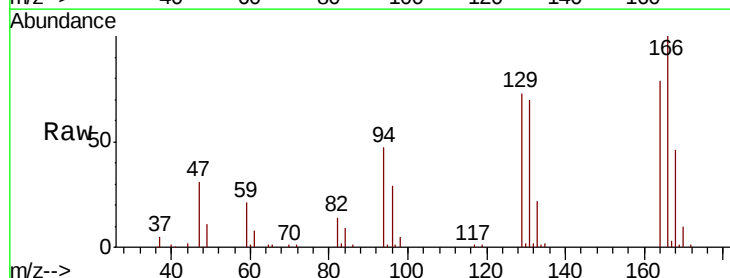
Tot Ion: 75 Resp: 2947
Ion Ratio Lower Upper
75 100
77 70.3 22.2 41.2#

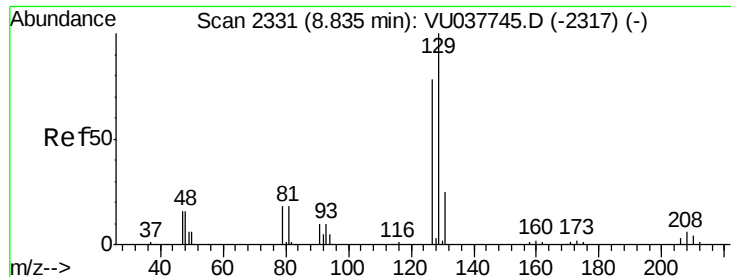


#47

Tetrachloroethene
Concen: 2.592 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU037756.D
Acq: 16 Apr 2020 15:53

Tgt Ion:164 Resp: 39146
Ion Ratio Lower Upper
164 100
129 92.1 68.1 126.5
131 88.9 65.9 122.5
166 126.4 89.7 166.7

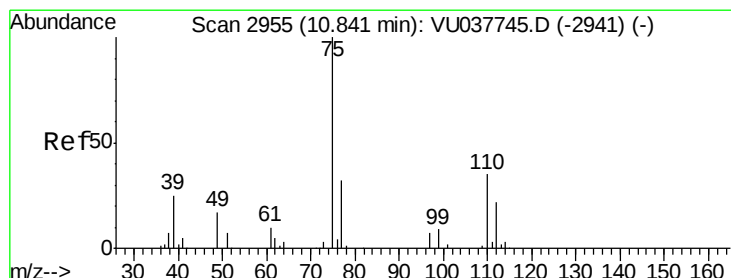
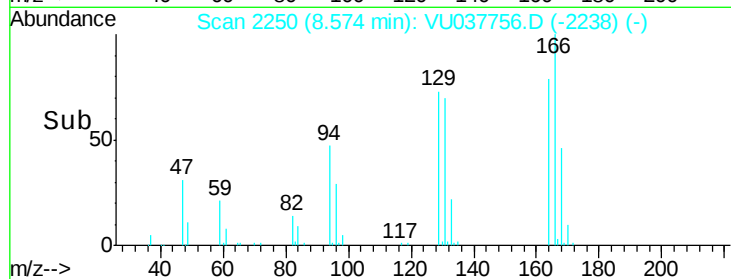
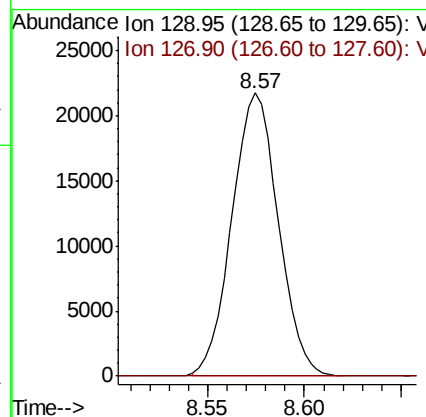
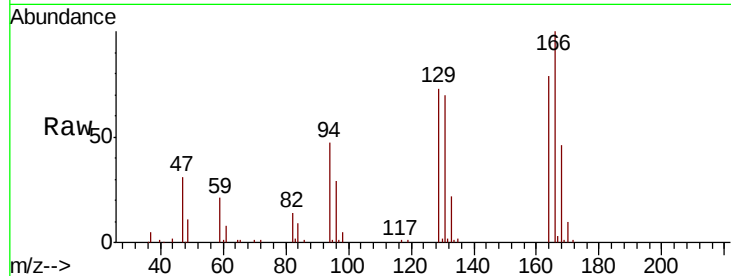




#49
 Dibromochloromethane
 Concen: 2.073 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.26 min
 Lab File: VU037756.D
 Acq: 16 Apr 2020 15:53

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:129 Resp: 36202
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.3 98.9#



#59
 1,2,3-Trichloropropane
 Concen: 1.225 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037756.D
 Acq: 16 Apr 2020 15:53

Tgt Ion: 75 Resp: 18179
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.4 38.2

