

Data File : VU037049.D
Acq On : 04 Mar 2020 19:20
Operator : JC/MD
Sample : L1784-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AZ5

Quant Time: Mar 05 01:01:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 00:57:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	251571	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	238282	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	82660	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88862	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.12%
7) Chloroethane-d5	1.91	69	82455	47.17	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.34%
11) 1,1-Dichloroethene-d2	2.59	63	117069	33.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.18%
21) 2-Butanone-d5	4.67	46	134592	94.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.98%
24) Chloroform-d	5.10	84	158761	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
26) 1,2-Dichloroethane-d4	5.74	65	109158	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.00%
32) Benzene-d6	5.76	84	341051	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
36) 1,2-Dichloropropane-d6	6.72	67	114572	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.64%
41) Toluene-d8	7.92	98	298193	46.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.30%
43) trans-1,3-Dichloropropene-	8.20	79	46184	44.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.04%
47) 2-Hexanone-d5	8.66	63	92943	85.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.15%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	157848	50.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.30%
64) 1,2-Dichlorobenzene-d4	12.21	152	85793	53.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.18%

Target Compounds

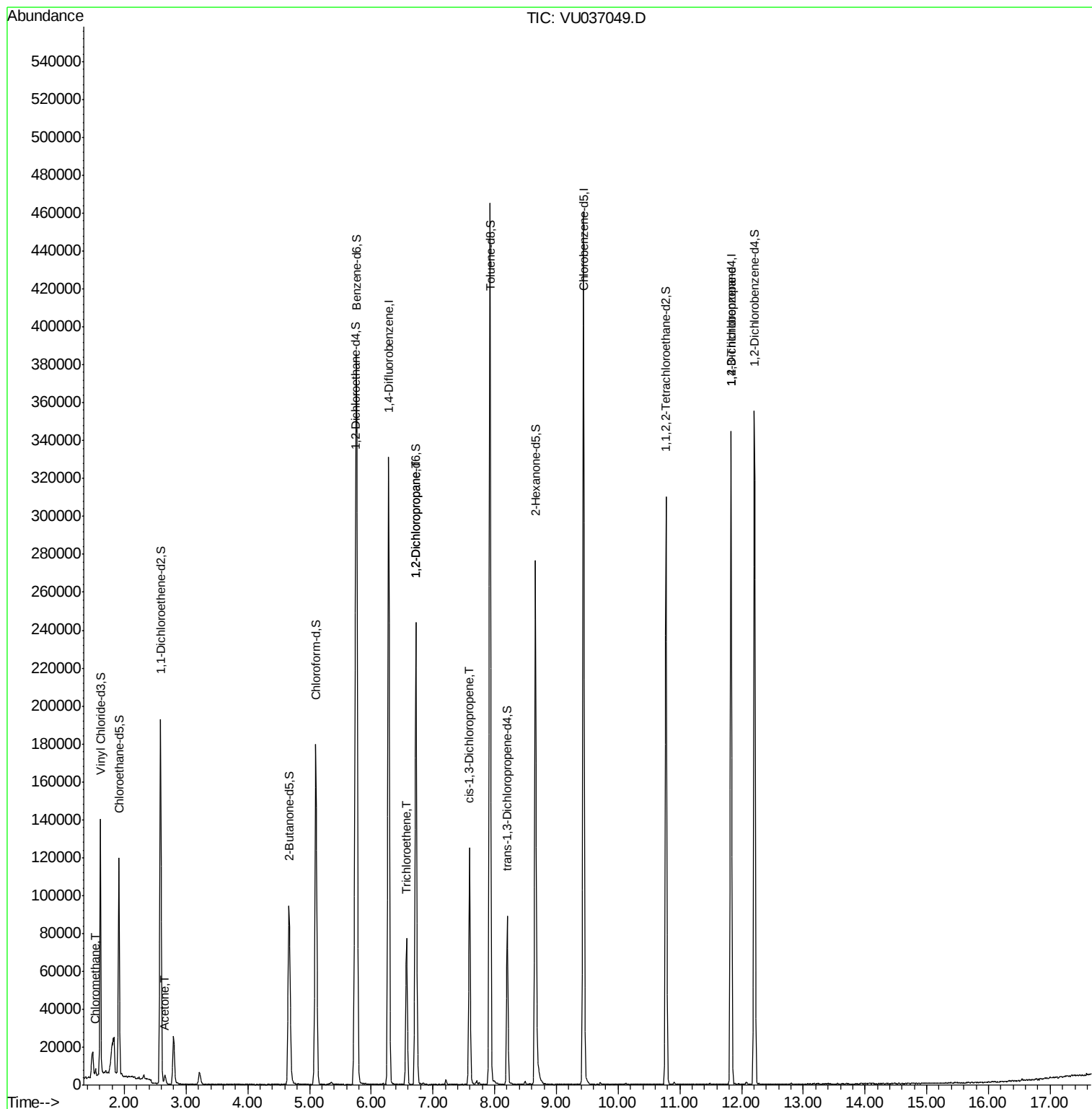
					Qvalue
3) Chloromethane	1.53	50	2660	1.084 ug/L	99
13) Acetone	2.66	43	4046	2.776 ug/L	98
34) Trichloroethene	6.57	95	25388	13.722 ug/L	98
37) 1,2-Dichloropropane	6.72	63	12325	6.081 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2915	0.934 ug/L #	57
59) 1,2,3-Trichloropropane	11.83	75	13195	5.061 ug/L	98

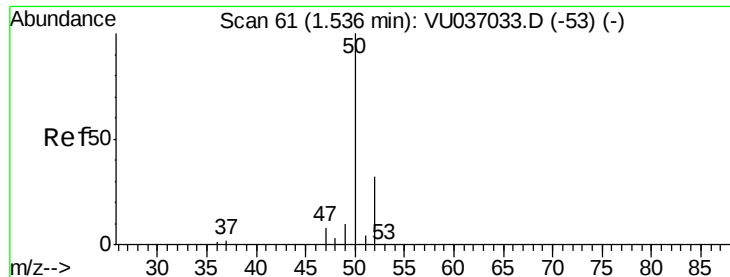
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.084 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

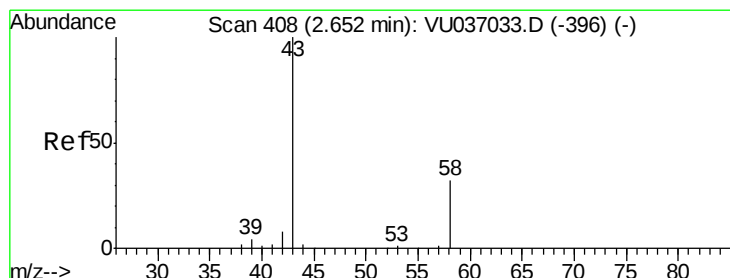
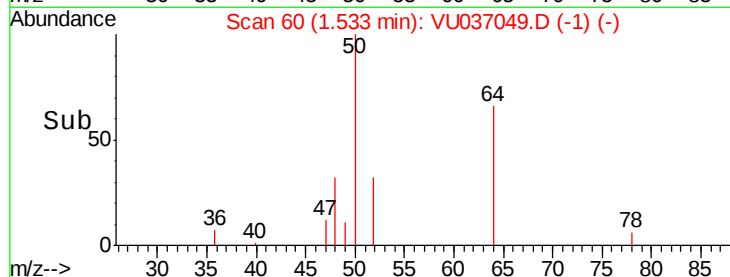
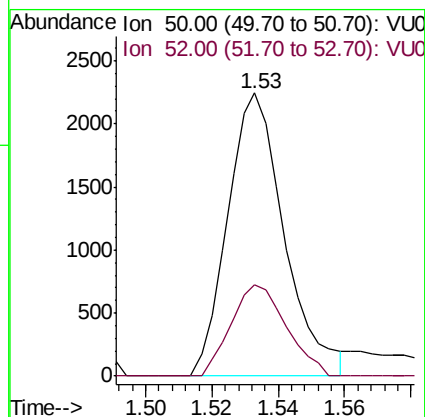
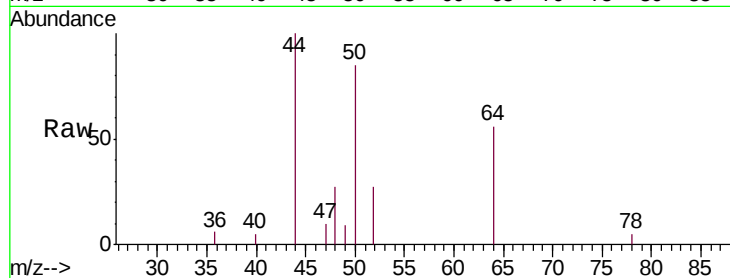
C0AZ5

Tgt Ion: 50 Resp: 2660

Ion Ratio Lower Upper

50 100

52 32.2 23.0 42.6



#13

Acetone

Concen: 2.776 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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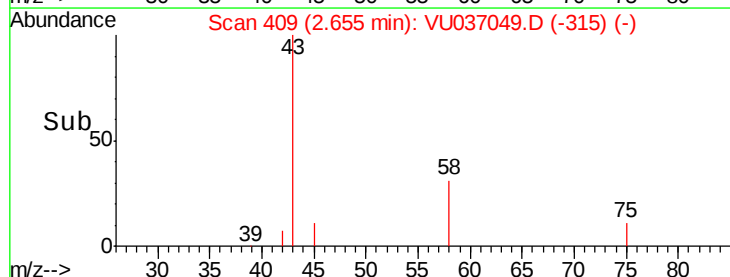
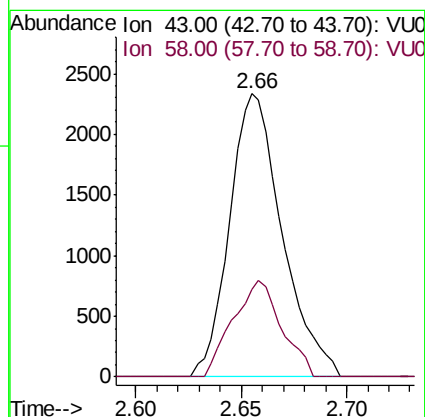
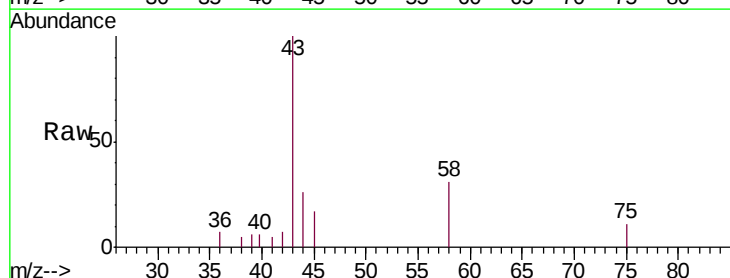
Acq: 04 Mar 2020 19:20

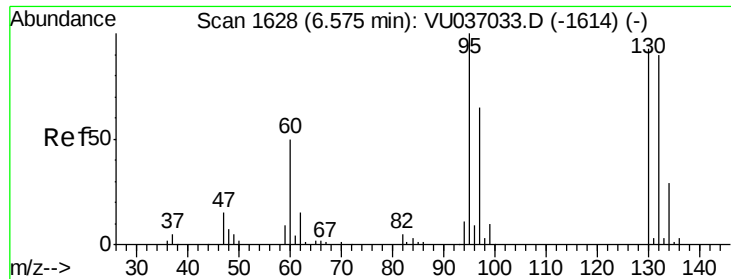
Tgt Ion: 43 Resp: 4046

Ion Ratio Lower Upper

43 100

58 31.4 0.0 64.6

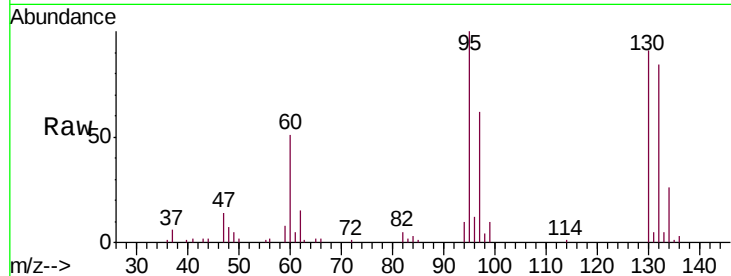




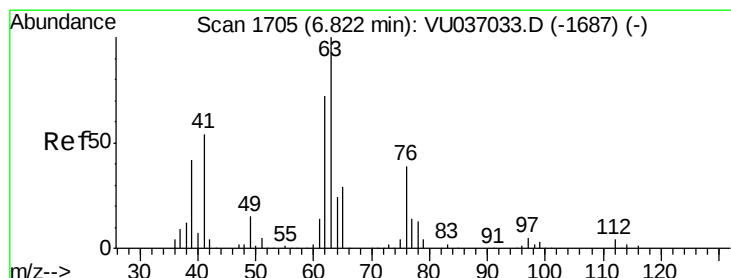
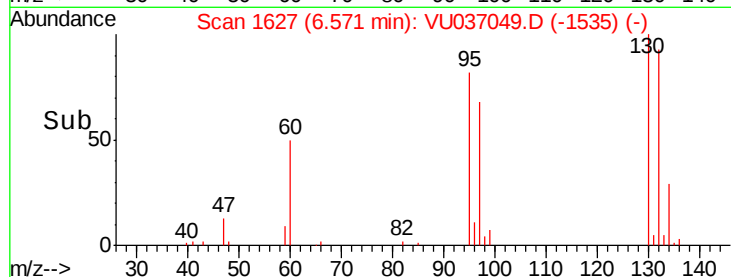
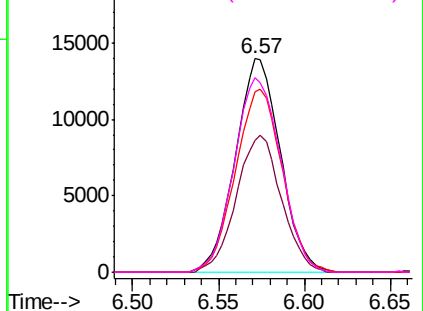
#34
 Trichloroethene
 Concen: 13.722 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
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Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ5

Tgt Ion: 95 Resp: 25388
 Ion Ratio Lower Upper
 95 100
 97 61.8 44.1 81.9
 132 84.4 60.6 112.6
 130 90.9 64.9 120.5

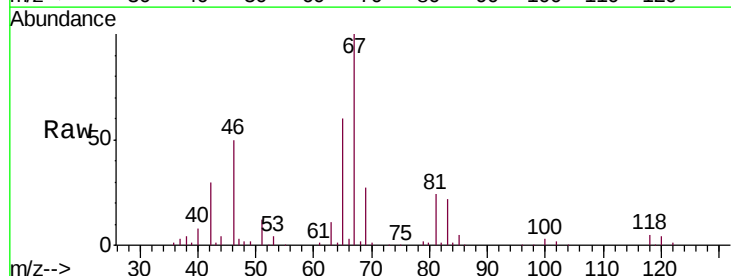


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

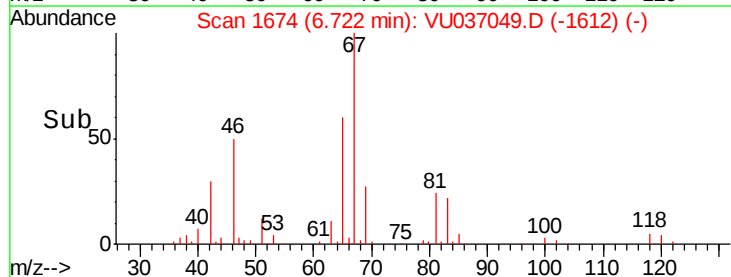
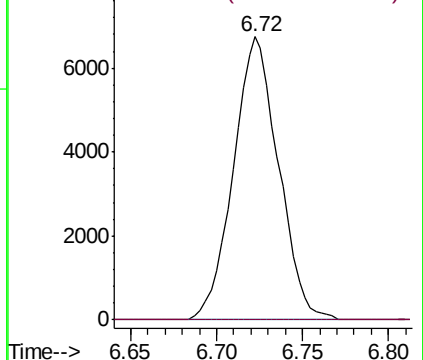


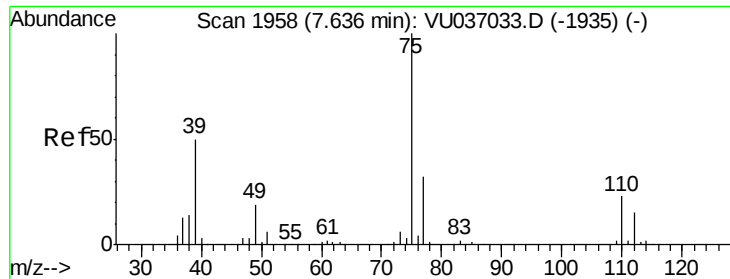
#37
 1,2-Dichloropropane
 Concen: 6.081 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037049.D
 Acq: 04 Mar 2020 19:20

Tgt Ion: 63 Resp: 12325
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V

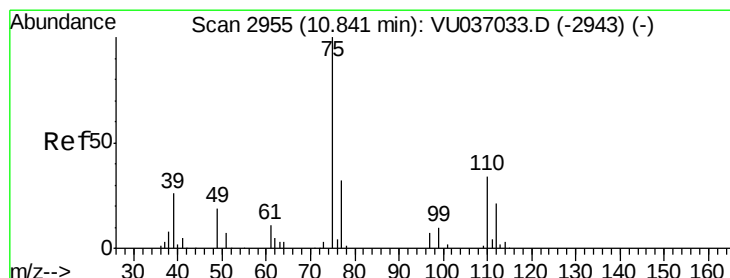
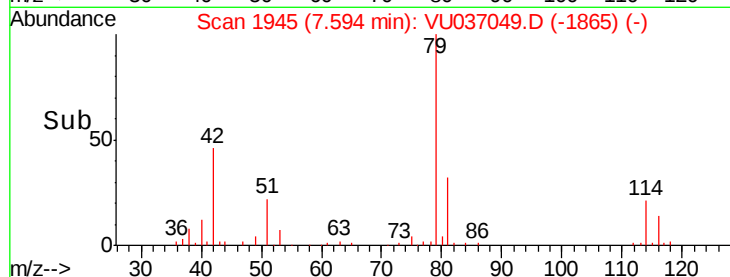
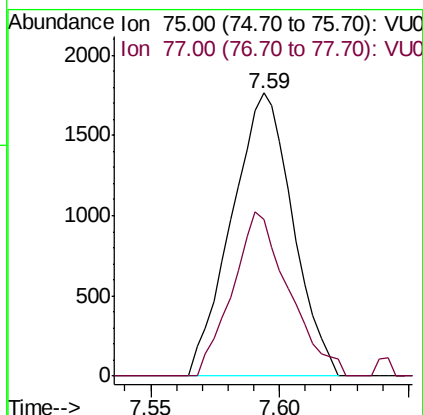
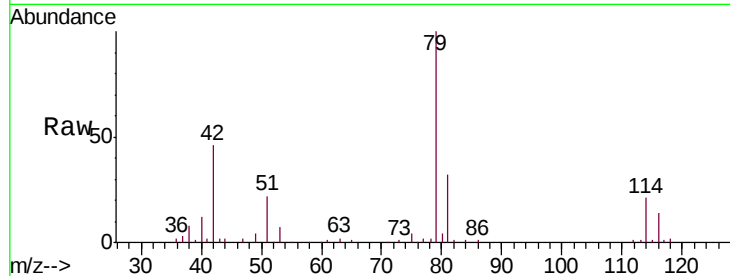




#39
 cis-1,3-Dichloropropene
 Concen: 0.934 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
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 C0AZ5

Tgt Ion: 75 Resp: 2915
 Ion Ratio Lower Upper
 75 100
 77 55.2 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.061 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037049.D
 Acq: 04 Mar 2020 19:20

Tgt Ion: 75 Resp: 13195
 Ion Ratio Lower Upper
 75 100
 77 34.0 26.2 39.2

