

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037802.D
 Acq On : 18 Apr 2020 03:58
 Operator : JC/MD
 Sample : L2319-14
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE6

Quant Time: Apr 20 11:45:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 05:19:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	265069	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	256788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	123845	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82272	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.93	69	75046	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.59	63	111851	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.66	46	324130	58.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.68%
24) Chloroform-d	5.10	84	159565	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.74	65	93782	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.76	84	329190	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.72	67	113502	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.92	98	291609	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	8.20	79	45847	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.66	63	261213	50.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.62%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	88961	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	107349	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

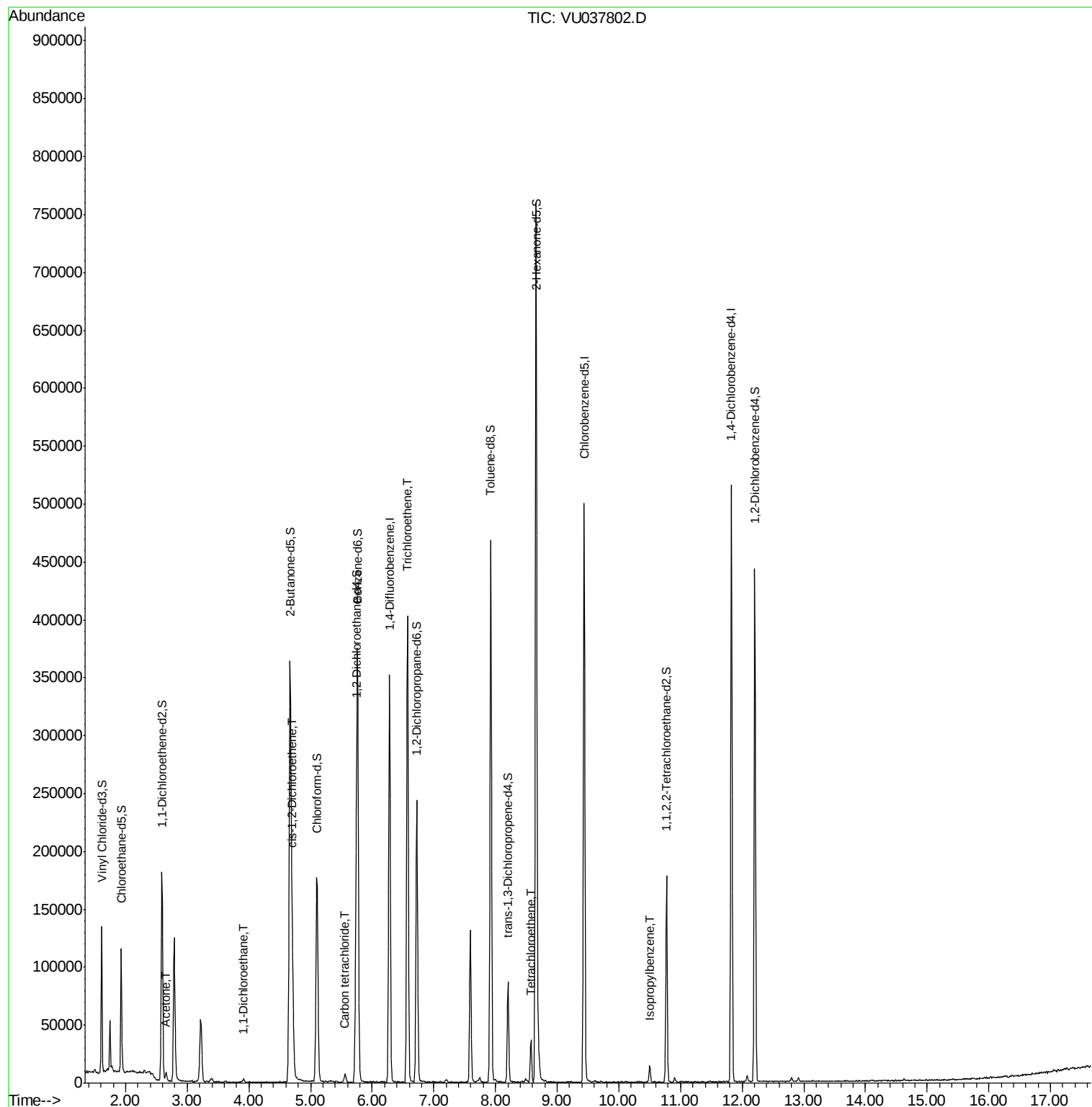
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	9242	2.545	ug/L	96
19) 1,1-Dichloroethane	3.92	63	3300	0.086	ug/L	# 85
22) cis-1,2-Dichloroethene	4.71	96	38812	1.811	ug/L	94
31) Carbon tetrachloride	5.56	117	4612	0.186	ug/L	97
34) Trichloroethene	6.57	95	136561	6.549	ug/L	99
47) Tetrachloroethene	8.57	164	7572	0.505	ug/L	94
56) Isopropylbenzene	10.50	105	8707	0.090	ug/L	98

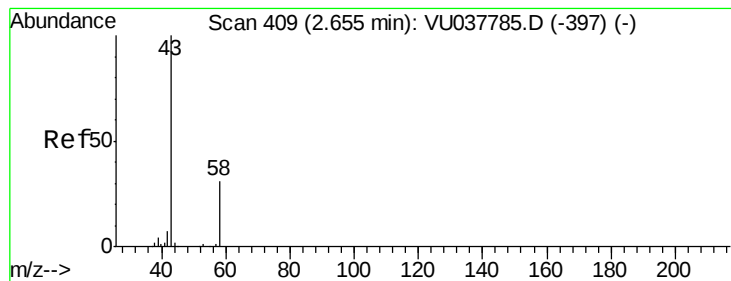
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.545 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037802.D

Acq: 18 Apr 2020 03:58

Instrument :

MSVOA_U

ClientSampleId :

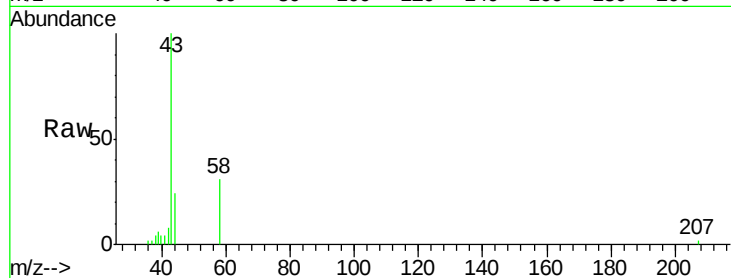
C0AE6

Tot Ion: 43 Resp: 9242

Ion Ratio Lower Upper

43 100

58 30.2 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037785.D (-397) (-)

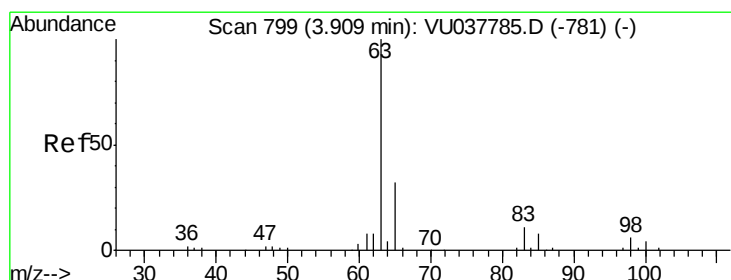
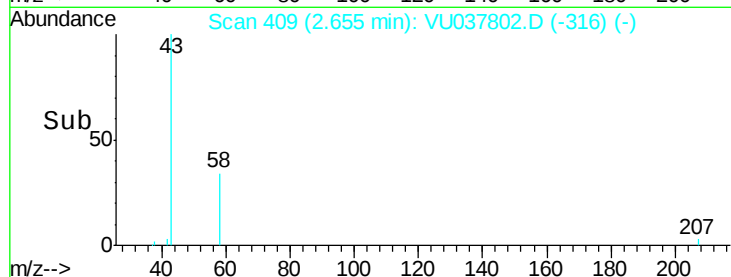
Ion 58.05 (57.75 to 58.75): VU037785.D (-397) (-)

2.66

2.65

2.70

Time-->



#19

1,1-Dichloroethane

Concen: 0.086 ug/L

RT: 3.92 min Scan# 801

Delta R.T. 0.01 min

Lab File: VU037802.D

Acq: 18 Apr 2020 03:58

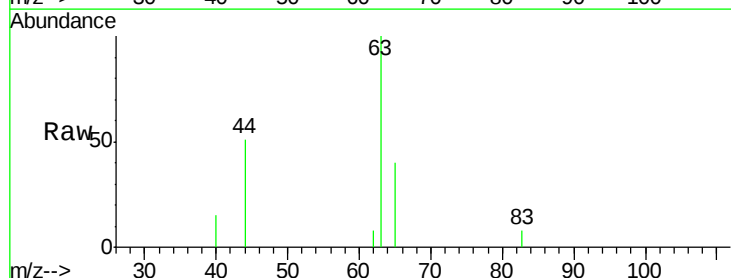
Tgt Ion: 63 Resp: 3300

Ion Ratio Lower Upper

63 100

65 39.9 21.6 40.2

83 8.2 8.6 16.0#



Abundance Ion 63.10 (62.80 to 63.80): VU037785.D (-781) (-)

Ion 65.10 (64.80 to 65.80): VU037785.D (-781) (-)

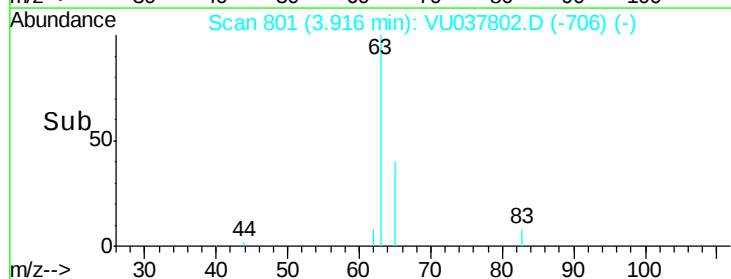
Ion 83.05 (82.75 to 83.75): VU037785.D (-781) (-)

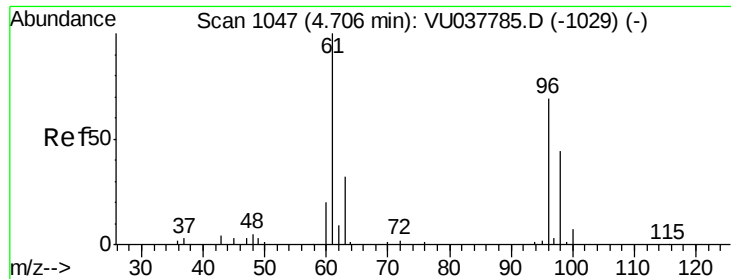
3.92

3.85

3.95

Time-->

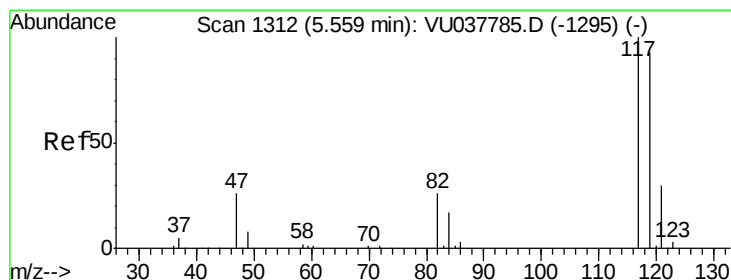
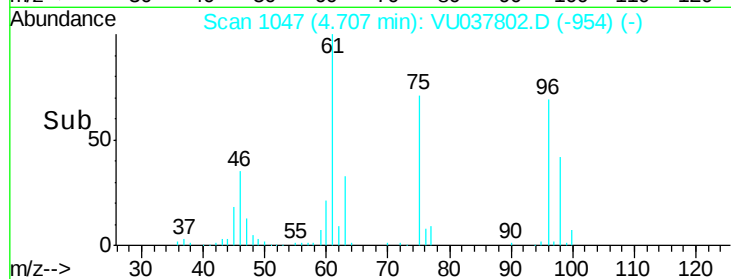
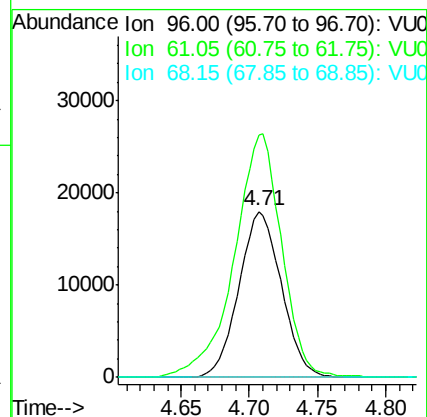
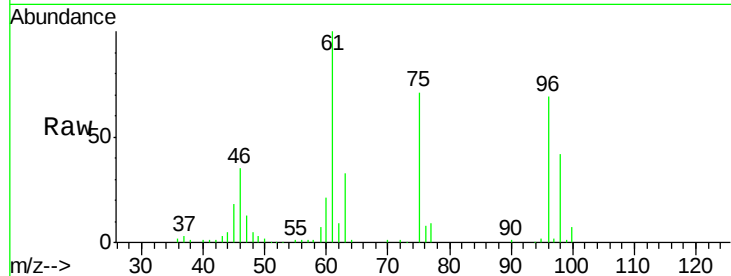




#22
 cis-1,2-Dichloroethene
 Concen: 1.811 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037802.D
 Acq: 18 Apr 2020 03:58

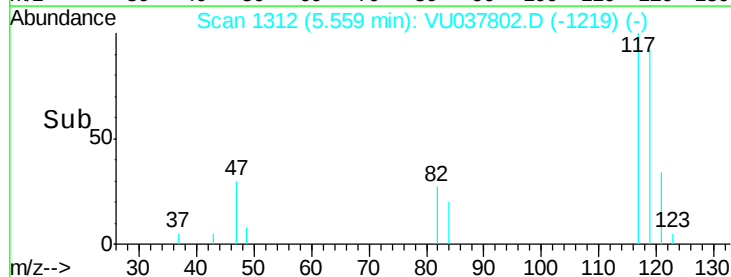
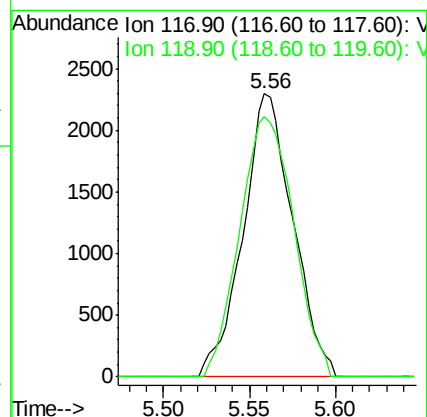
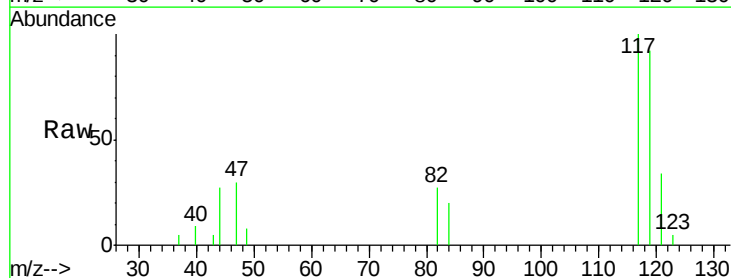
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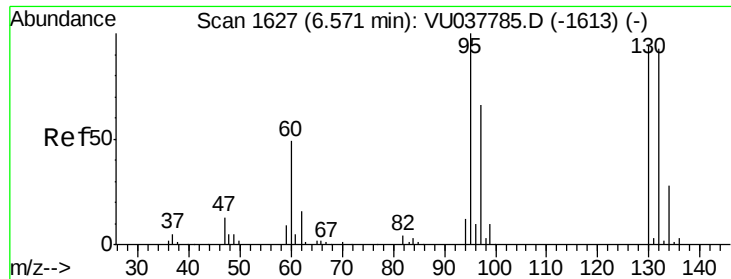
Tot Ion: 96 Resp: 38812
 Ion Ratio Lower Upper
 96 100
 61 146.0 97.0 180.2
 68 0.0 0.0 0.0



#31
 Carbon tetrachloride
 Concen: 0.186 ug/L
 RT: 5.56 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: VU037802.D
 Acq: 18 Apr 2020 03:58

Tgt Ion: 117 Resp: 4612
 Ion Ratio Lower Upper
 117 100
 119 99.9 77.4 116.0

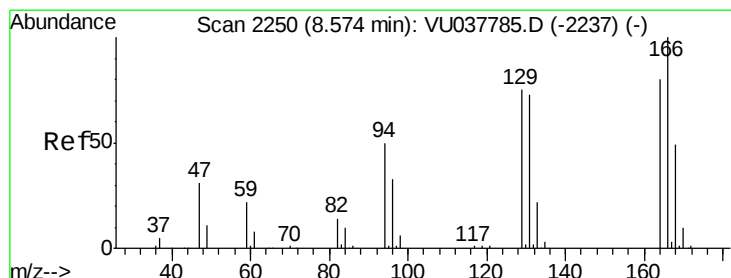
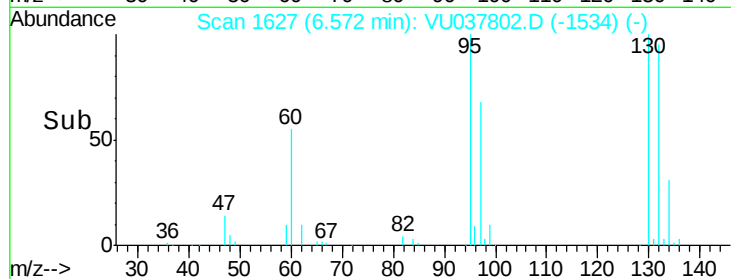
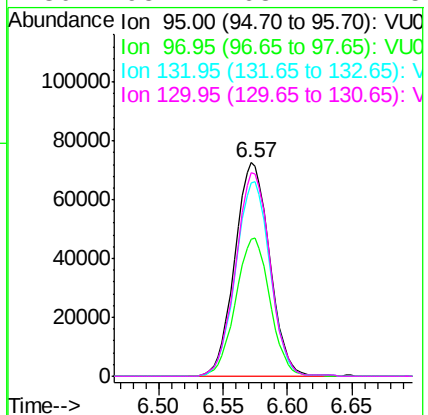
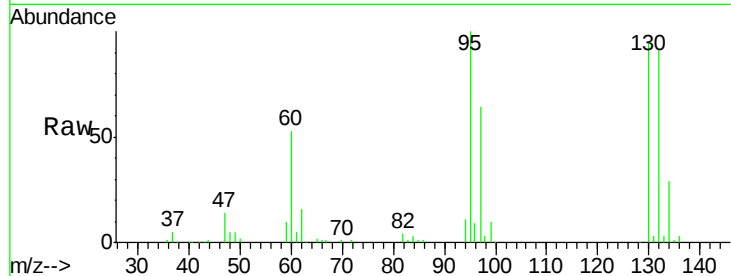




#34
 Trichloroethene
 Concen: 6.549 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037802.D
 Acq: 18 Apr 2020 03:58

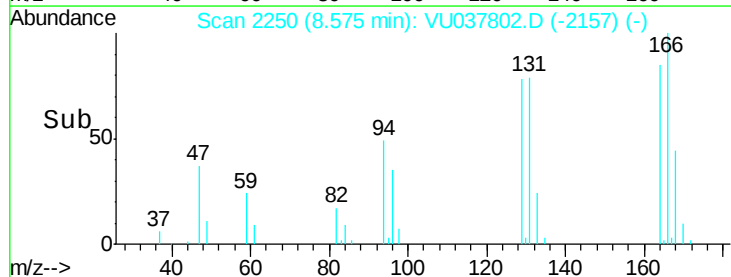
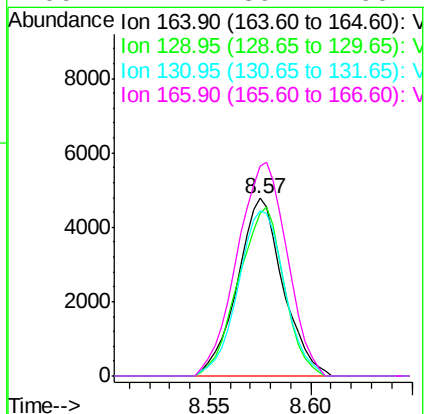
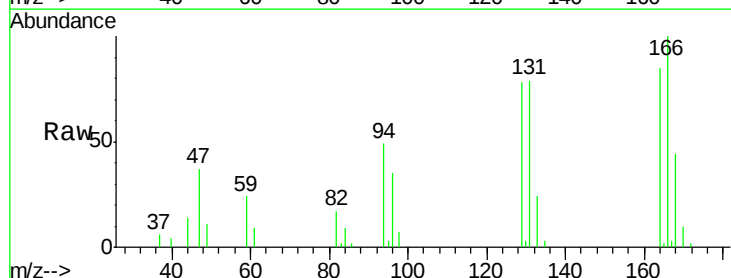
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE6

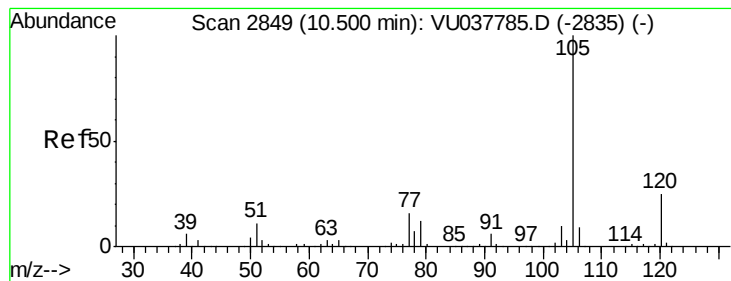
Tot Ion: 95 Resp: 136561
 Ion Ratio Lower Upper
 95 100
 97 64.4 45.4 84.2
 132 90.5 63.7 118.3
 130 95.1 68.7 127.5



#47
 Tetrachloroethene
 Concen: 0.505 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU037802.D
 Acq: 18 Apr 2020 03:58

Tgt Ion: 164 Resp: 7572
 Ion Ratio Lower Upper
 164 100
 129 91.5 68.1 126.5
 131 93.2 65.9 122.5
 166 117.7 89.7 166.7





#56

Isopropylbenzene

Concen: 0.090 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VU037802.D

Acq: 18 Apr 2020 03:58

Instrument :

MSVOA_U

ClientSampleId :

C0AE6

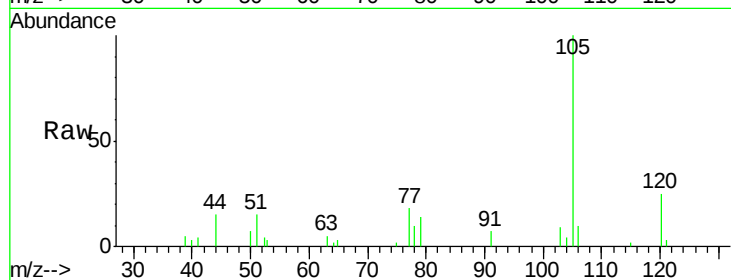
Tot Ion:105 Resp: 8707

Ion Ratio Lower Upper

105 100

120 26.5 20.6 31.0

77 18.1 13.2 19.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU

