

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042020\
 Data File : VU037810.D
 Acq On : 20 Apr 2020 13:44
 Operator : JC/MD
 Sample : L2319-09
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE1

Quant Time: Apr 21 09:45:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 01:10:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	266877	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	258204	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	129825	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	72442	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.93	69	68429	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.59	63	100194	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.66	46	311407	56.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.30%
24) Chloroform-d	5.10	84	148579	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.74	65	90834	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.76	84	301251	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.72	67	106567	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.92	98	273735	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.20	79	43755	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.65	63	264454	50.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	86701	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	106002	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

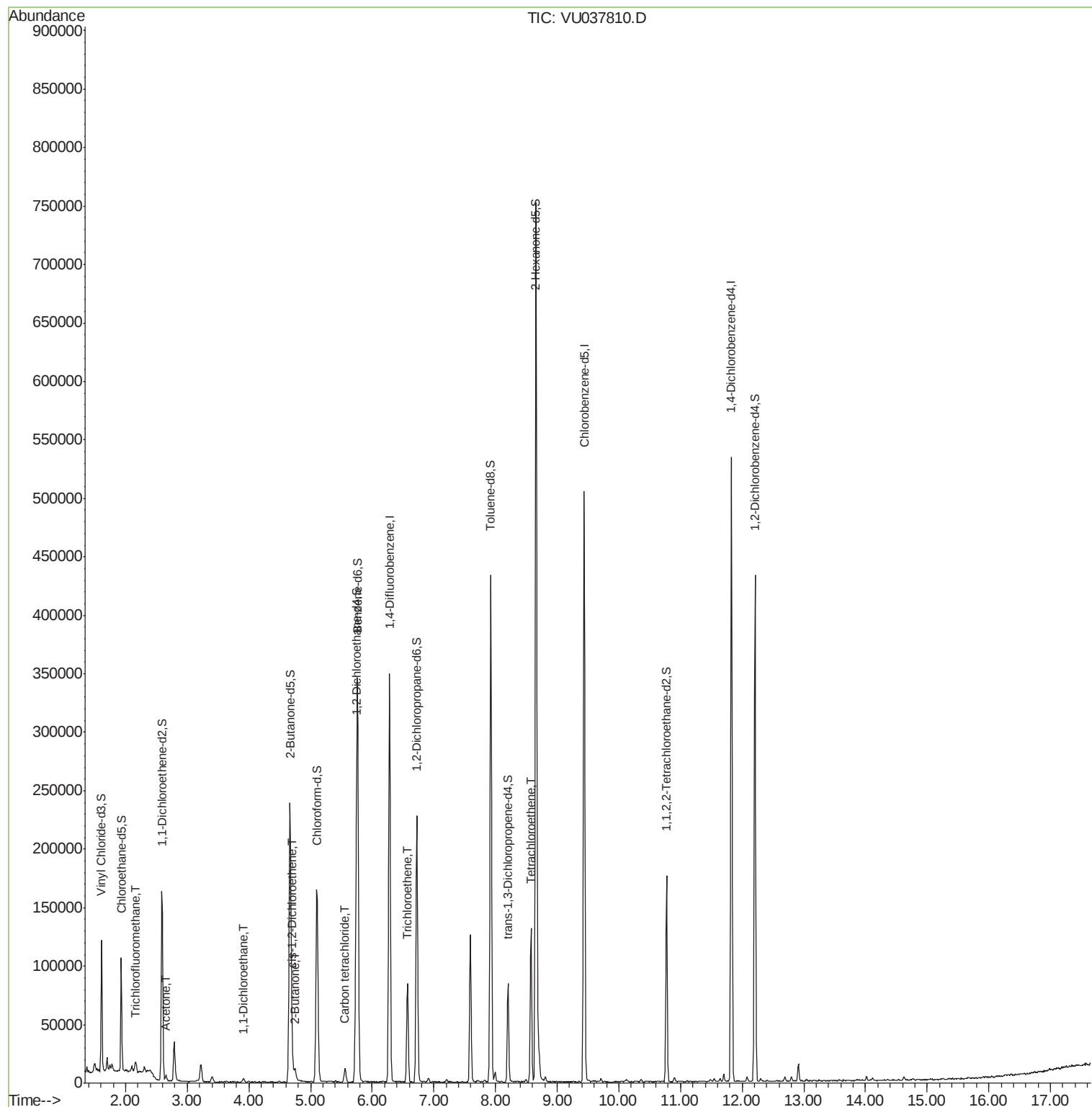
					Ovalue
9) Trichlorofluoromethane	2.16	101	3375	0.112 ug/L	92
13) Acetone	2.65	43	5254	1.437 ug/L	99
19) 1,1-Dichloroethane	3.92	63	3531	0.091 ug/L #	82
21) 2-Butanone	4.75	43	11618	1.749 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	2511	0.116 ug/L	91
31) Carbon tetrachloride	5.56	117	8061	0.323 ug/L	94
34) Trichloroethene	6.57	95	27424	1.308 ug/L	97
47) Tetrachloroethene	8.57	164	27015	1.793 ug/L	97

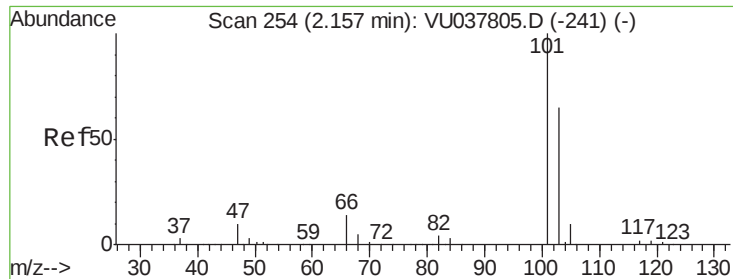
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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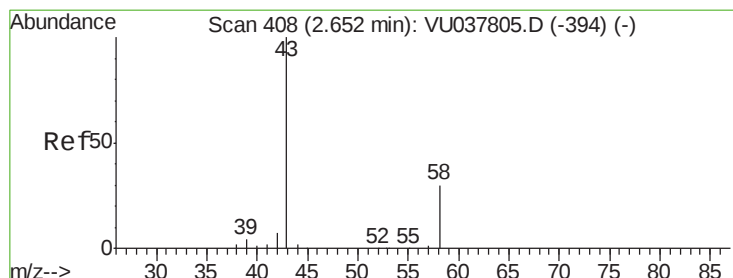
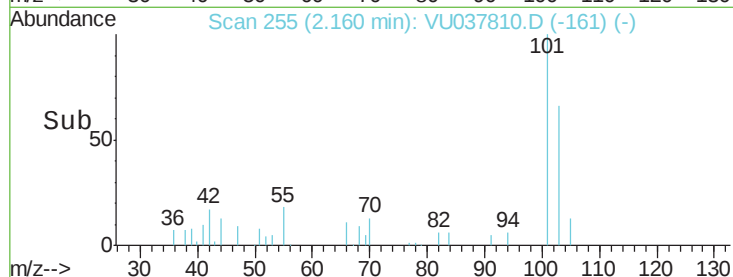
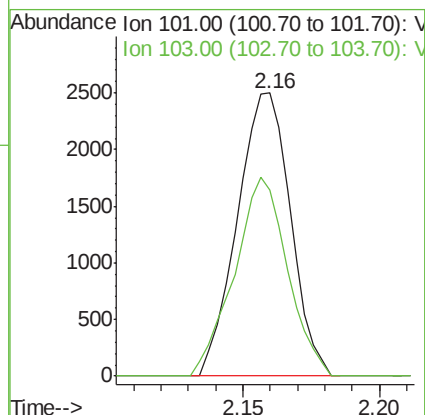
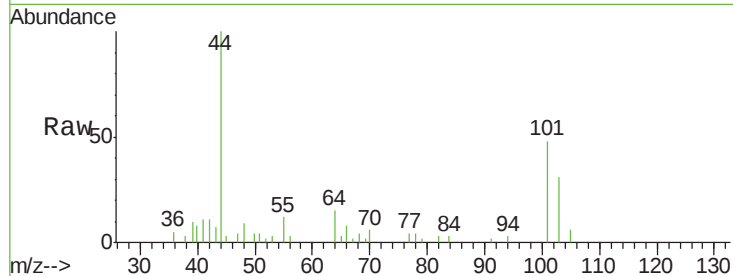


#9

Trichlorofluoromethane
 Concen: 0.112 ug/L
 RT: 2.16 min Scan# 255
 Delta R.T. 0.00 min
 Lab File: VU037810.D
 Acq: 20 Apr 2020 13:44

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 ClientSampleId :
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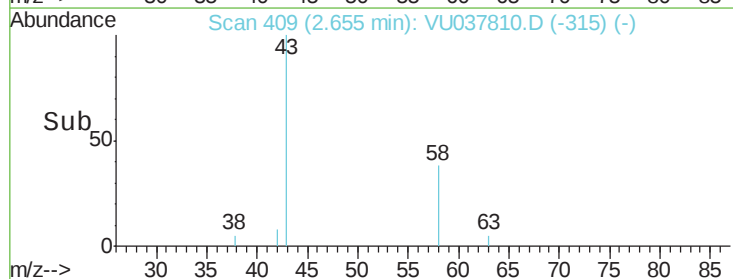
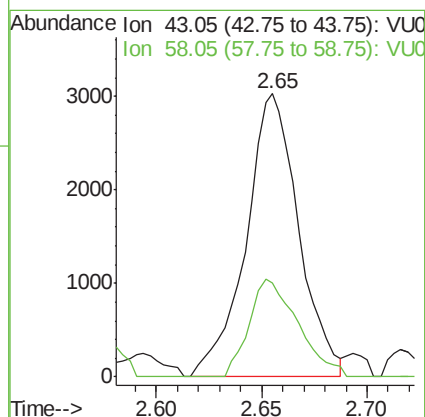
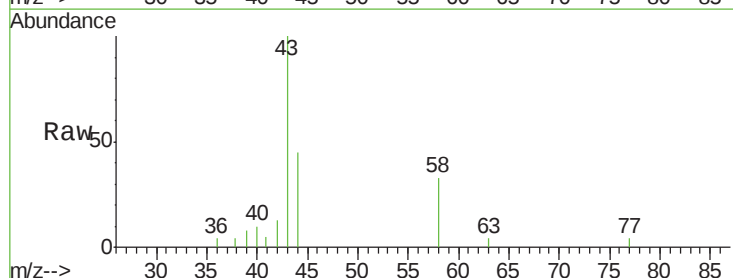
Tot Ion:101 Resp: 3375
 Ion Ratio Lower Upper
 101 100
 103 70.3 51.0 76.6

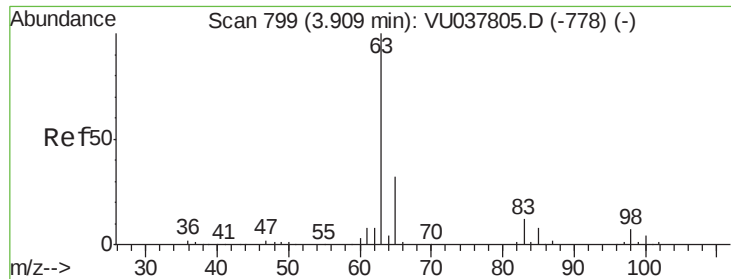


#13

Acetone
 Concen: 1.437 ug/L
 RT: 2.65 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VU037810.D
 Acq: 20 Apr 2020 13:44

Tgt Ion: 43 Resp: 5254
 Ion Ratio Lower Upper
 43 100
 58 31.9 0.0 64.8

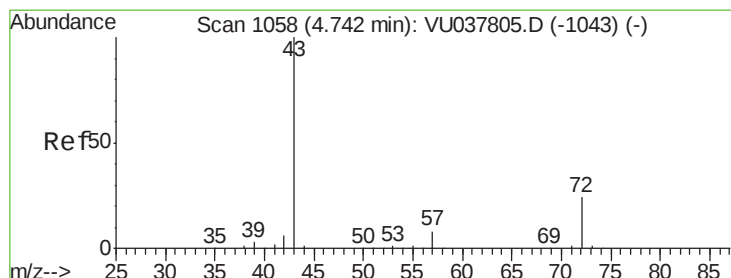
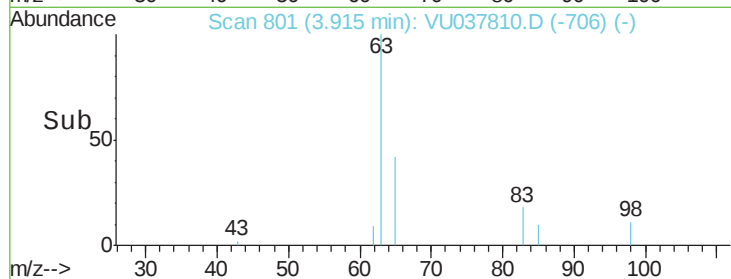
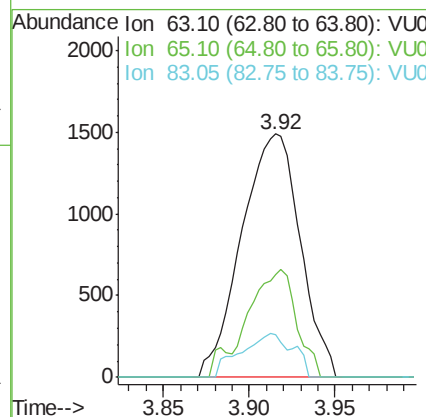
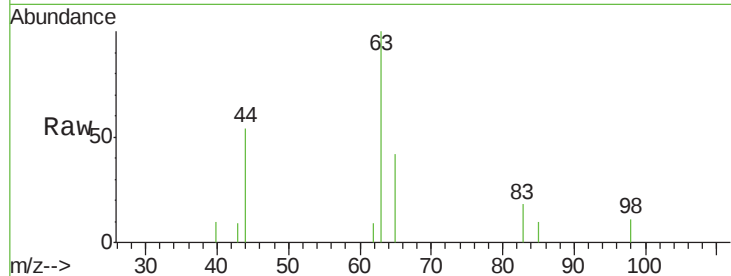




#19
 1,1-Dichloroethane
 Concen: 0.091 ug/L
 RT: 3.92 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: VU037810.D
 Acq: 20 Apr 2020 13:44

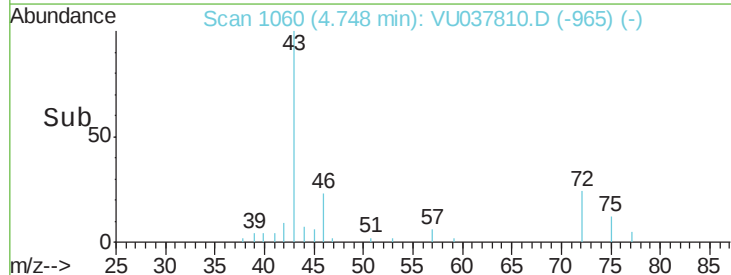
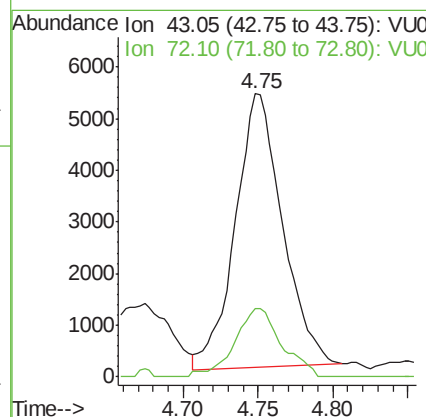
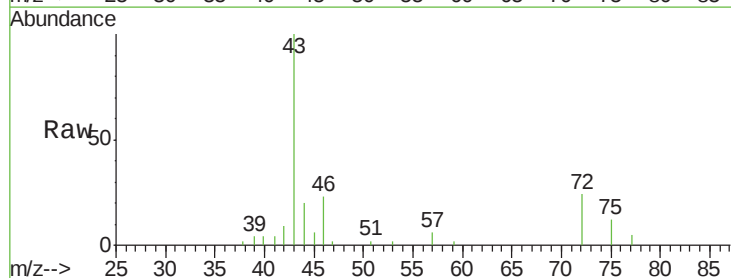
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE1

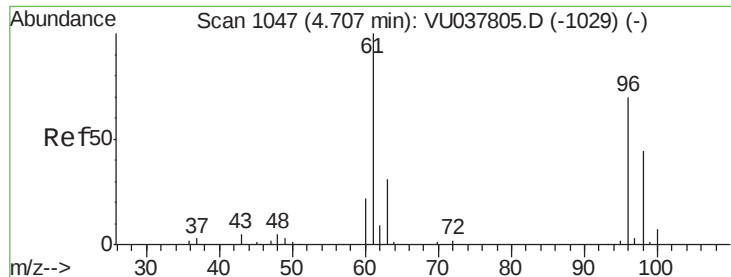
Tot Ion: 63 Resp: 3531
 Ion Ratio Lower Upper
 63 100
 65 42.1 21.6 40.2#
 83 17.6 8.6 16.0#



#21
 2-Butanone
 Concen: 1.749 ug/L
 RT: 4.75 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: VU037810.D
 Acq: 20 Apr 2020 13:44

Tgt Ion: 43 Resp: 11618
 Ion Ratio Lower Upper
 43 100
 72 24.8 12.6 37.6

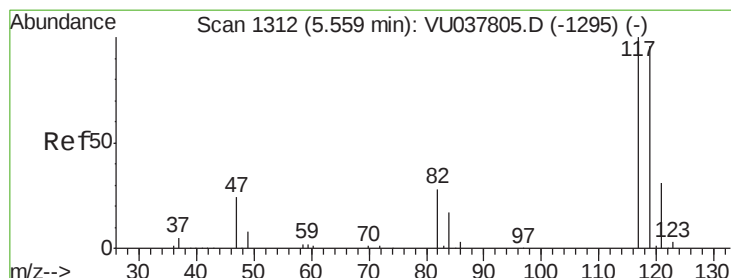
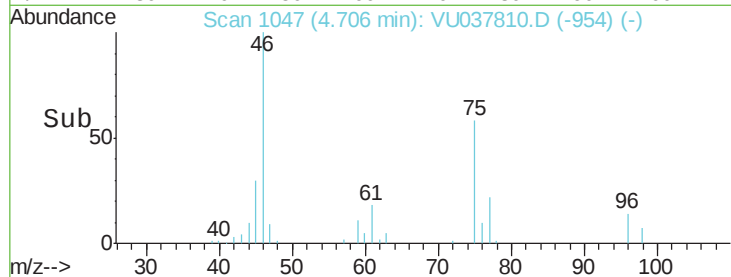
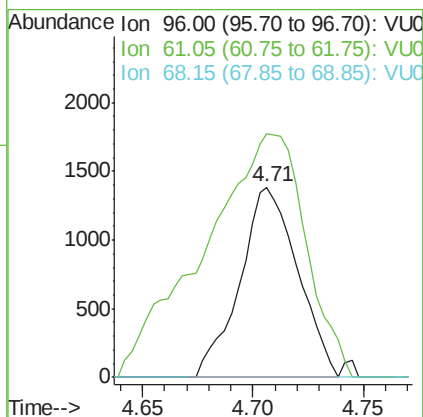
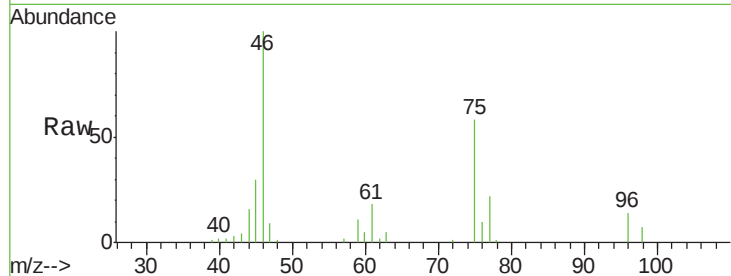




#22
 cis-1,2-Dichloroethene
 Concen: 0.116 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU037810.D
 Acq: 20 Apr 2020 13:44

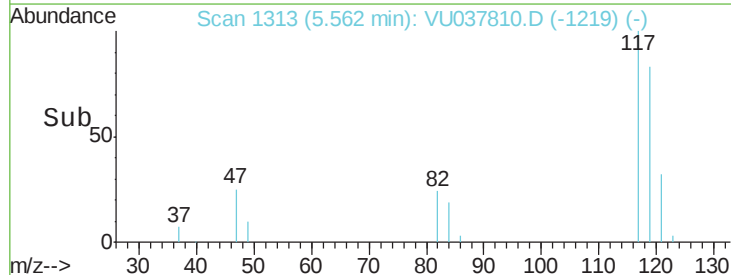
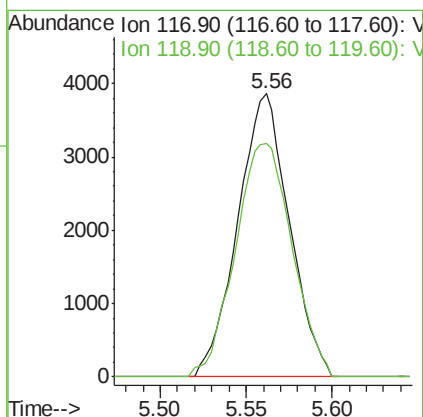
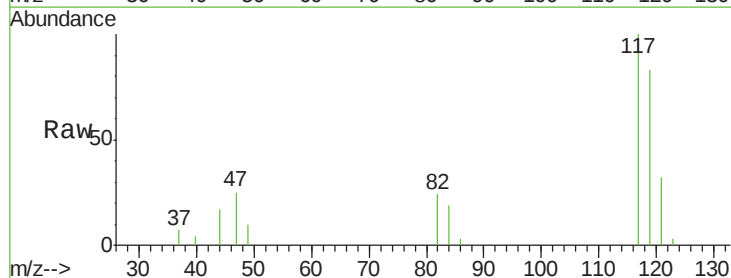
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE1

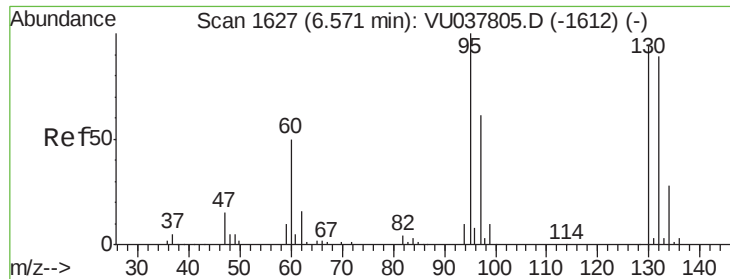
Tot Ion: 96 Resp: 2511
 Ion Ratio Lower Upper
 96 100
 61 127.9 97.0 180.2
 68 0.0 0.0 0.0



#31
 Carbon tetrachloride
 Concen: 0.323 ug/L
 RT: 5.56 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: VU037810.D
 Acq: 20 Apr 2020 13:44

Tgt Ion: 117 Resp: 8061
 Ion Ratio Lower Upper
 117 100
 119 90.5 77.4 116.0

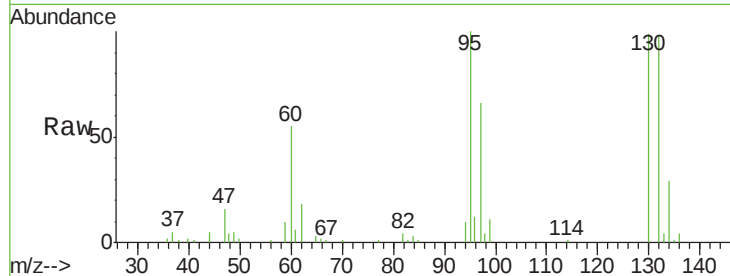




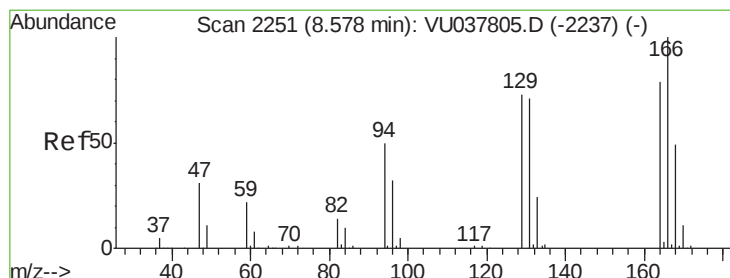
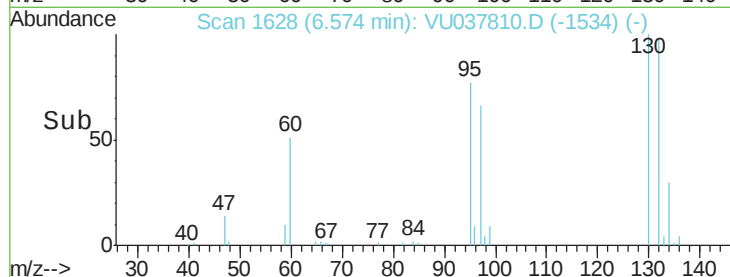
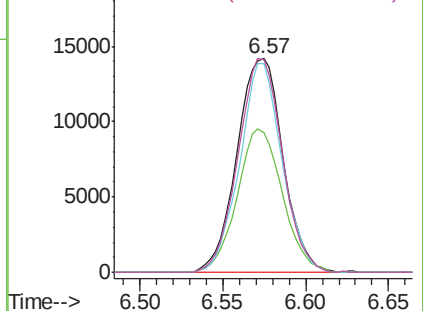
#34
 Trichloroethene
 Concen: 1.308 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037810.D
 Acq: 20 Apr 2020 13:44

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE1

Tot Ion: 95 Resp: 27424
 Ion Ratio Lower Upper
 95 100
 97 65.6 45.4 84.2
 132 97.5 63.7 118.3
 130 99.3 68.7 127.5

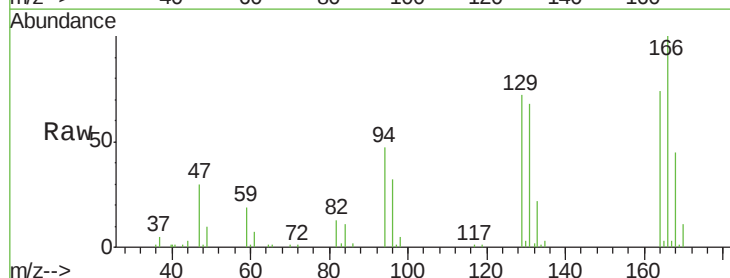


Abundance Ion 95.00 (94.70 to 95.70): VU037810.D (-1534) (-)
 Ion 96.95 (96.65 to 97.65): VU037810.D (-1534) (-)
 Ion 131.95 (131.65 to 132.65): VU037810.D (-1534) (-)
 Ion 129.95 (129.65 to 130.65): VU037810.D (-1534) (-)



#47
 Tetrachloroethene
 Concen: 1.793 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU037810.D
 Acq: 20 Apr 2020 13:44

Tgt Ion: 164 Resp: 27015
 Ion Ratio Lower Upper
 164 100
 129 96.5 68.1 126.5
 131 92.1 65.9 122.5
 166 134.6 89.7 166.7



Abundance Ion 163.90 (163.60 to 164.60): VU037810.D (-2158) (-)
 Ion 128.95 (128.65 to 129.65): VU037810.D (-2158) (-)
 Ion 130.95 (130.65 to 131.65): VU037810.D (-2158) (-)
 Ion 165.90 (165.60 to 166.60): VU037810.D (-2158) (-)

