

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021820\
 Data File : VU036832.D
 Acq On : 18 Feb 2020 13:37
 Operator : JC/MD
 Sample : L1540-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 19 04:56:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 19 04:53:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	114953	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	107098	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	44875	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36140	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.93	69	35645	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.59	63	50448	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.67	46	106653	51.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.90%
24) Chloroform-d	5.11	84	68385	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.74	65	40978	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.77	84	149538	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.73	67	50707	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.92	98	134216	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.21	79	16522	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.66	63	90234	49.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.38%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	39399	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	44070	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

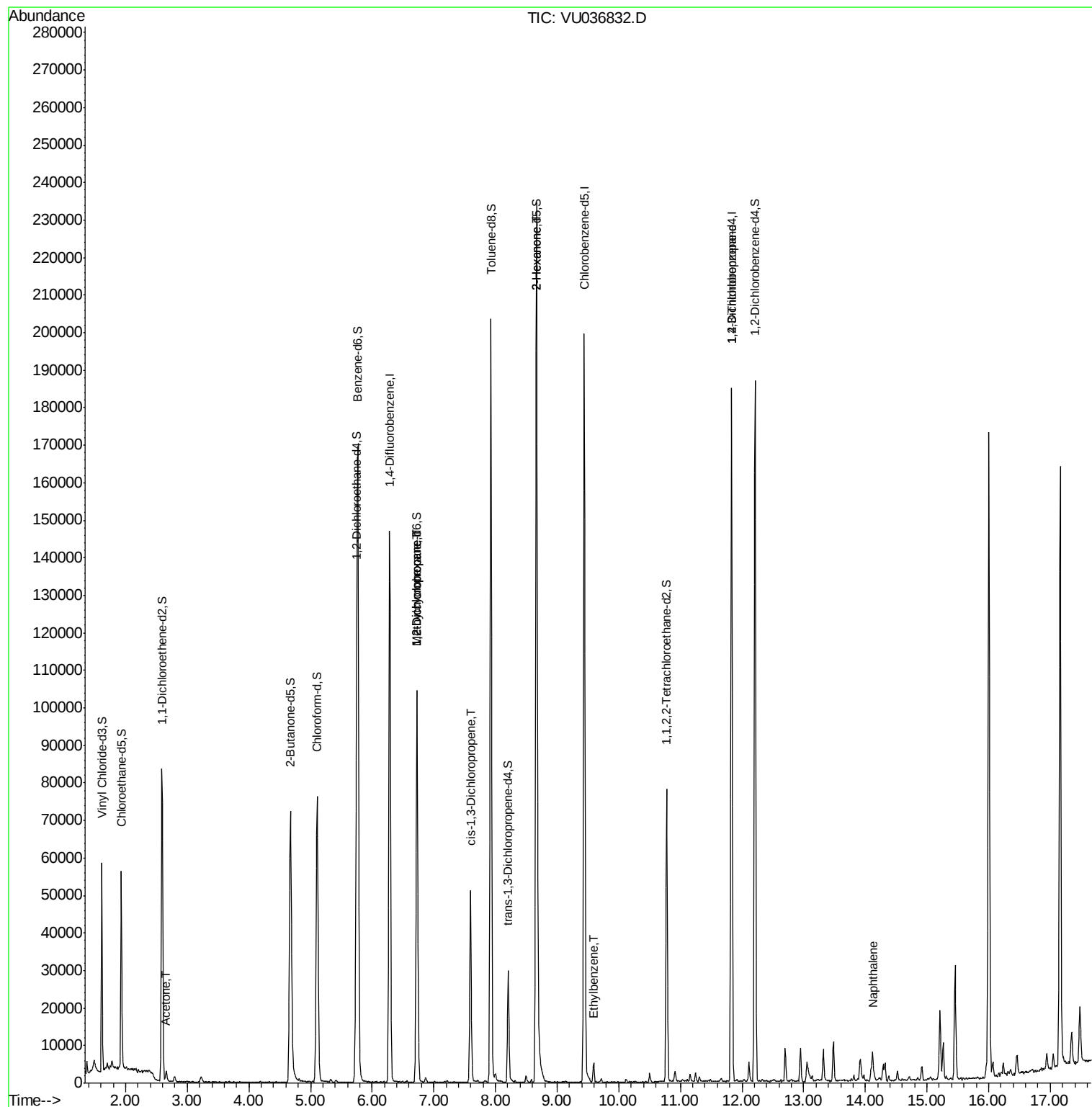
					Ovalue
13) Acetone	2.66	43	3194	1.205	ug/L 100
35) Methylcyclohexane	6.73	83	10763	0.806	ug/L # 19
37) 1,2-Dichloropropane	6.73	63	5575	0.618	ug/L # 89
39) cis-1,3-Dichloropropene	7.59	75	1110	0.085	ug/L # 63
48) 2-Hexanone	8.66	43	10479	2.104	ug/L # 68
52) Ethylbenzene	9.59	91	3786	0.096	ug/L 95
59) 1,2,3-Trichloropropane	11.83	75	6677	1.121	ug/L 91
69) Naphthalene	14.12	128	5550	0.373	ug/L 99

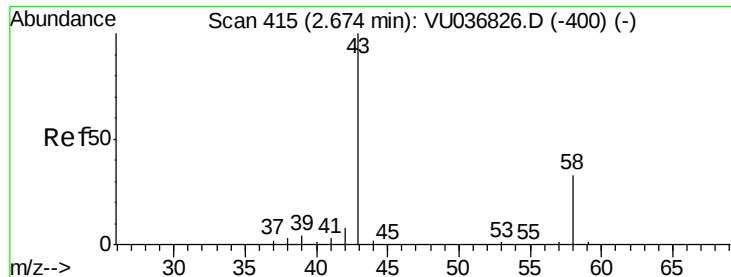
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 19 04:53:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.205 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.02 min

Lab File: VU036832.D

Acq: 18 Feb 2020 13:37

Instrument :

MSVOA_U

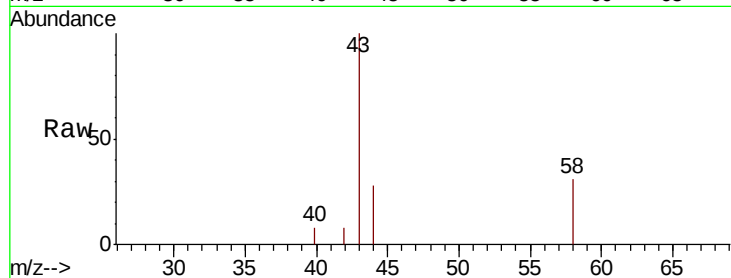
ClientSampleId :

Tot Ion: 43 Resp: 3194

Ion Ratio Lower Upper

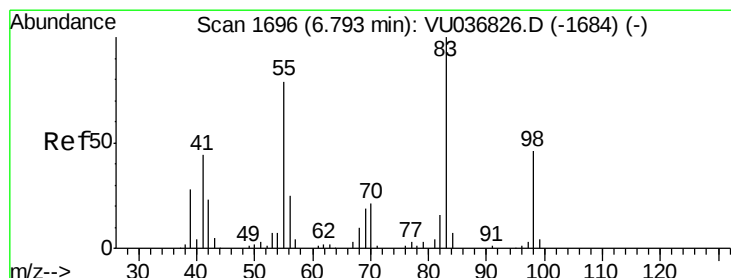
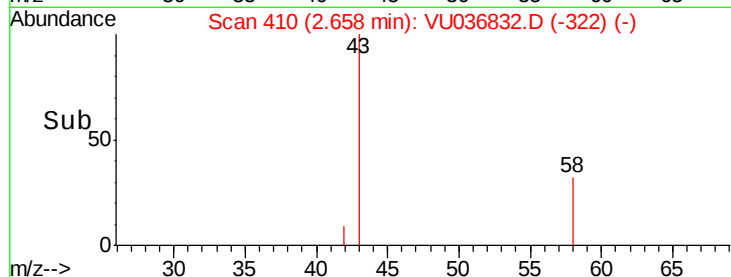
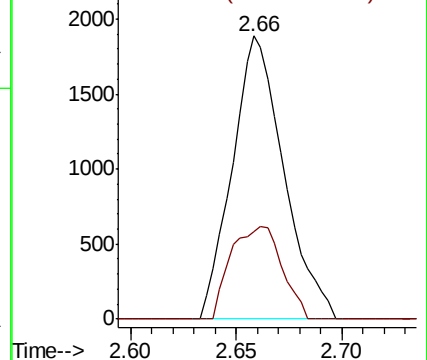
43 100

58 32.4 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036832.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU036832.D (-322) (-)



#35

Methylcyclohexane

Concen: 0.806 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036832.D

Acq: 18 Feb 2020 13:37

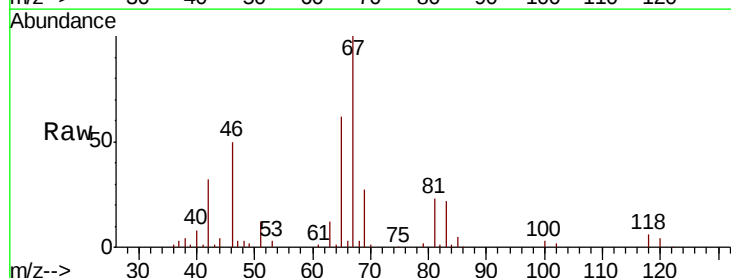
Tgt Ion: 83 Resp: 10763

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.4#

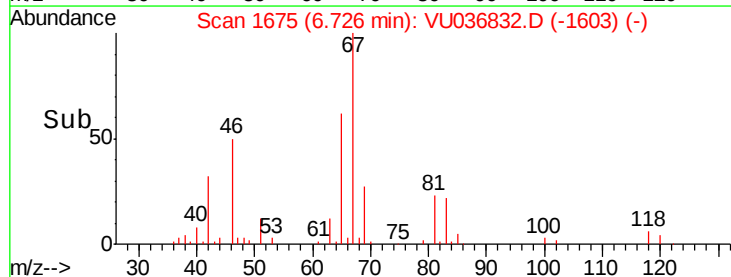
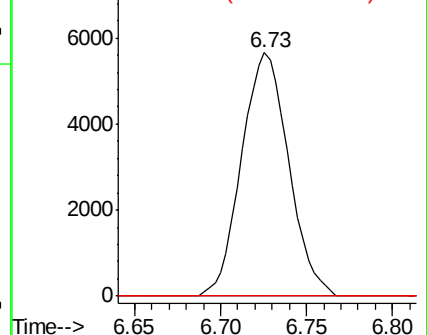
98 0.0 34.2 51.4#

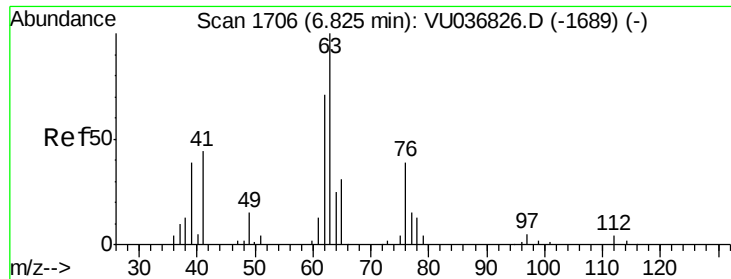


Abundance Ion 83.15 (82.85 to 83.85): VU036832.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU036832.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU036832.D (-1603) (-)

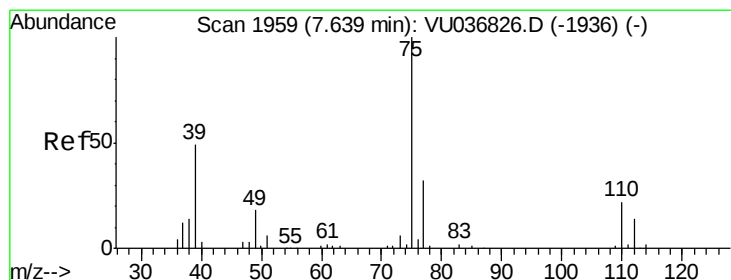
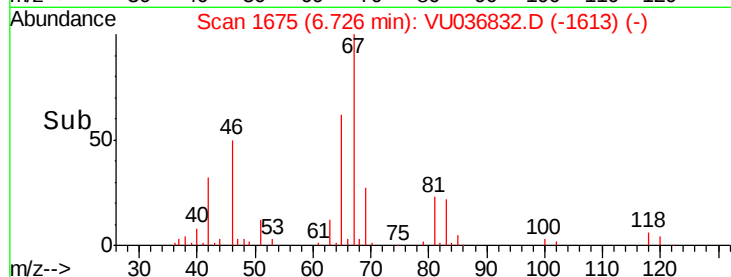
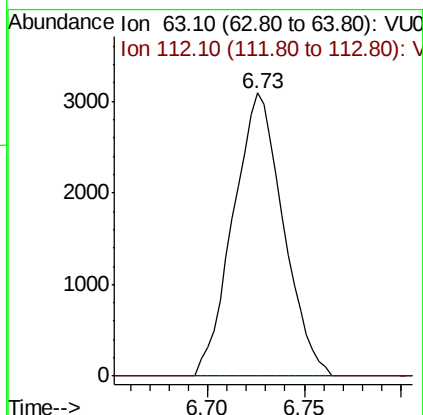
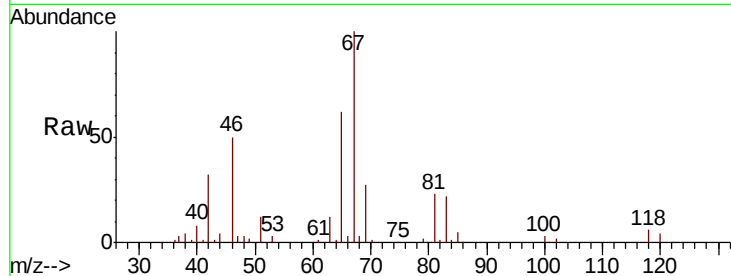




#37
 1,2-Dichloropropane
 Concen: 0.618 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036832.D
 Acq: 18 Feb 2020 13:37

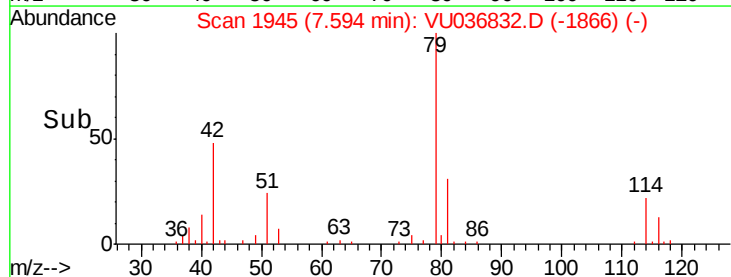
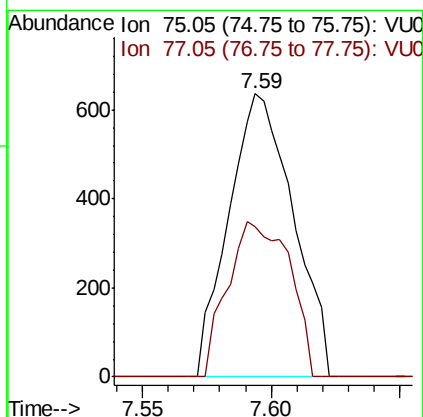
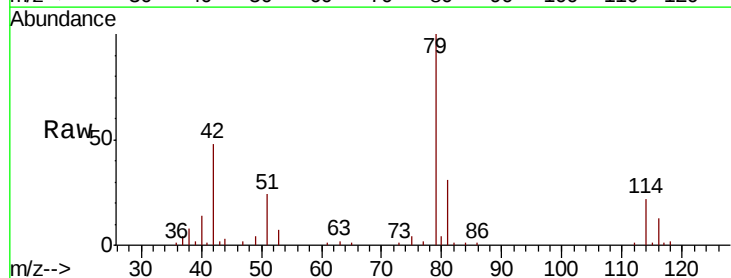
Instrument :
 MSVOA_U
 ClientSampleId :

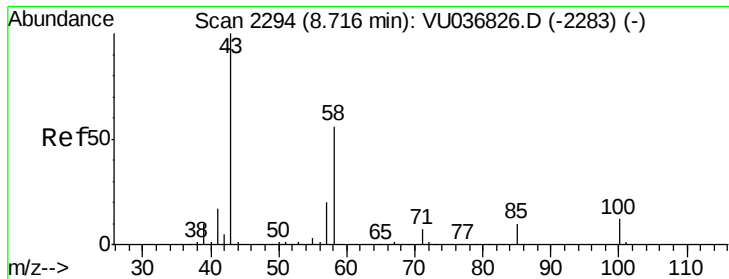
Tot Ion: 63 Resp: 5575
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.05 min
 Lab File: VU036832.D
 Acq: 18 Feb 2020 13:37

Tgt Ion: 75 Resp: 1110
 Ion Ratio Lower Upper
 75 100
 77 53.1 22.5 41.9#

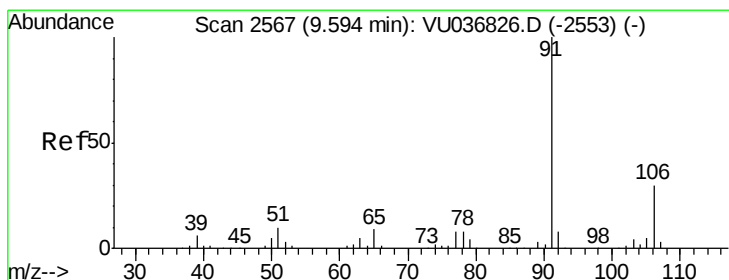
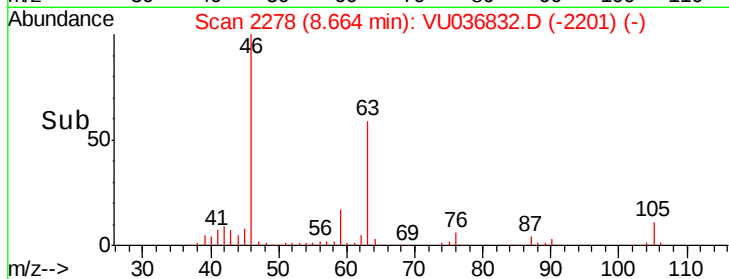
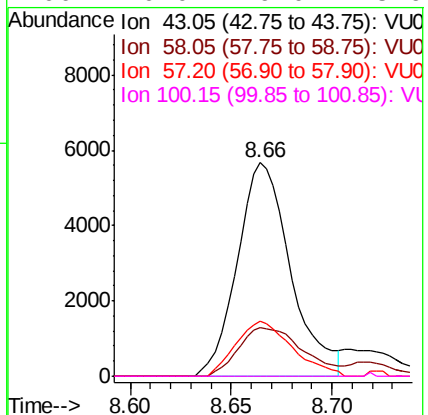
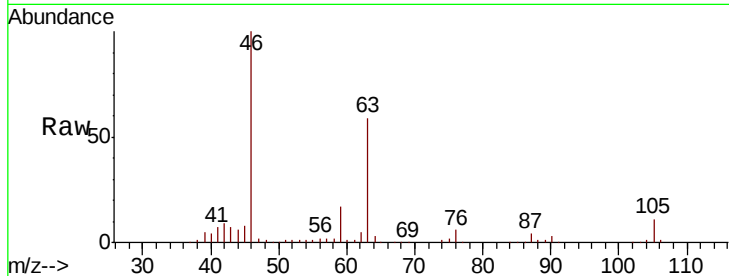




#48
2-Hexanone
Concen: 2.104 ug/L
RT: 8.66 min Scan# 2278
Delta R.T. -0.05 min
Lab File: VU036832.D
Acq: 18 Feb 2020 13:37

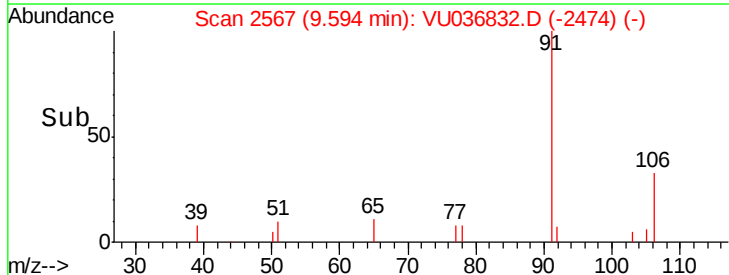
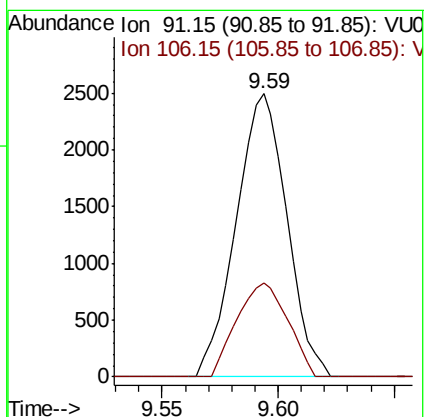
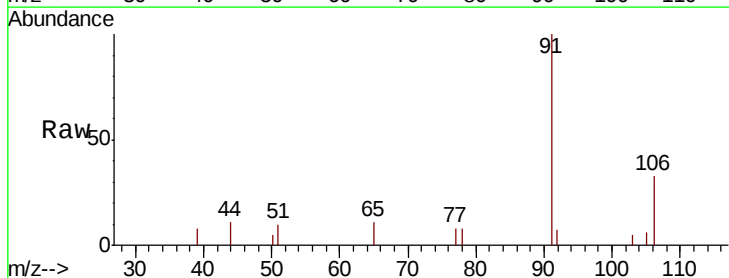
Instrument :
MSVOA_U
ClientSampleId :

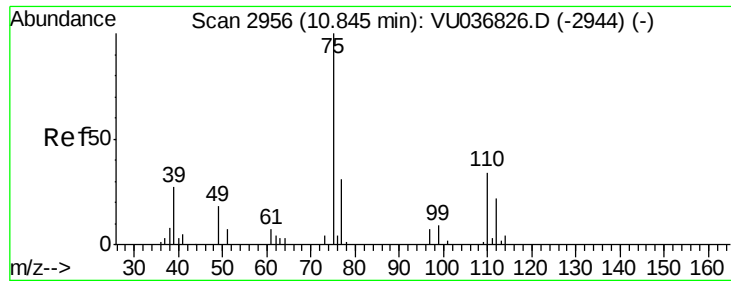
Tot Ion: 43 Resp: 10479
Ion Ratio Lower Upper
43 100
58 27.7 43.6 65.4#
57 27.2 15.0 22.4#
100 0.0 9.0 13.6#



#52
Ethylbenzene
Concen: 0.096 ug/L
RT: 9.59 min Scan# 2567
Delta R.T. -0.00 min
Lab File: VU036832.D
Acq: 18 Feb 2020 13:37

Tgt Ion: 91 Resp: 3786
Ion Ratio Lower Upper
91 100
106 33.2 21.5 39.9

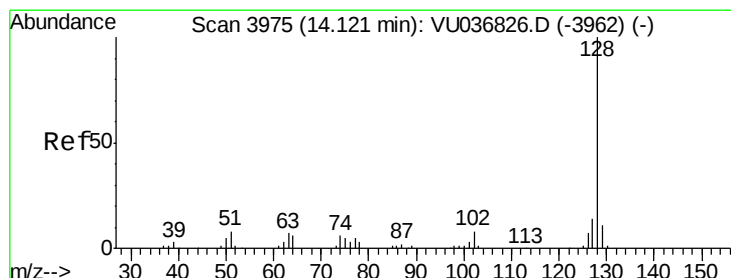
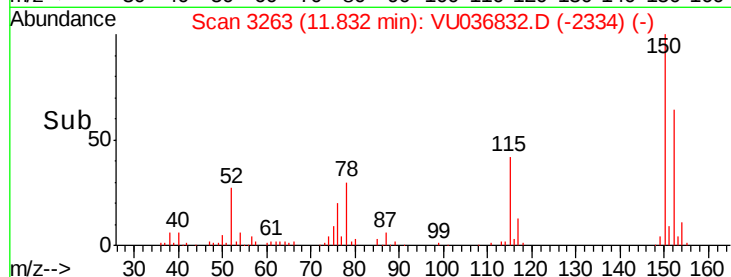
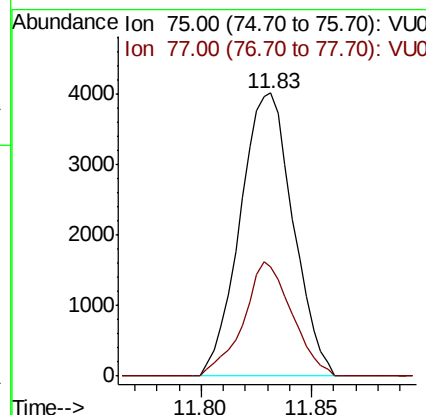
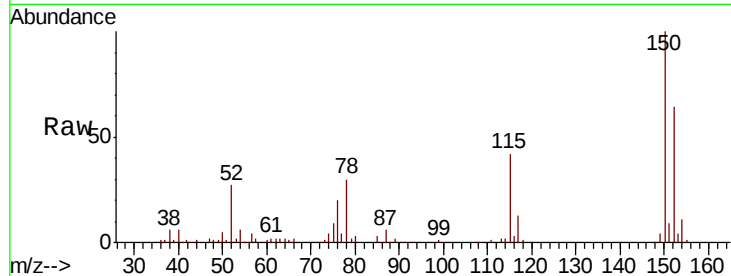




#59
 1,2,3-Trichloropropane
 Concen: 1.121 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.99 min
 Lab File: VU036832.D
 Acq: 18 Feb 2020 13:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 6677
 Ion Ratio Lower Upper
 75 100
 77 37.1 25.6 38.4



#69
 Naphthalene
 Concen: 0.373 ug/L
 RT: 14.12 min Scan# 3974
 Delta R.T. -0.00 min
 Lab File: VU036832.D
 Acq: 18 Feb 2020 13:37

Tgt Ion: 128 Resp: 5550
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.0 13.4
 127 14.0 10.8 16.2

