

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016892.D
 Acq On : 12 Jun 2020 20:34
 Operator : SY/MD
 Sample : L2914-04 25X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D98

Quant Time: Jun 13 03:10:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 03:02:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	356139	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	338165	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167581	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	92572	36.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.68%
7) Chloroethane-d5	1.56	69	69004	45.76	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.52%
11) 1,1-Dichloroethene-d2	2.12	63	133131	31.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.10%
21) 2-Butanone-d5	3.89	46	169044	90.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.89%
24) Chloroform-d	4.37	84	223521	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.48%
26) 1,2-Dichloroethane-d4	5.05	65	162475	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.50%
32) Benzene-d6	5.07	84	429517	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.12%
36) 1,2-Dichloropropane-d6	6.09	67	132103	43.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.94%
41) Toluene-d8	7.34	98	389466	43.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.08%
43) trans-1,3-Dichloropropene-	7.64	79	67197	42.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.92%
47) 2-Hexanone-d5	8.11	63	101700	76.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	173644	43.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	173447	48.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

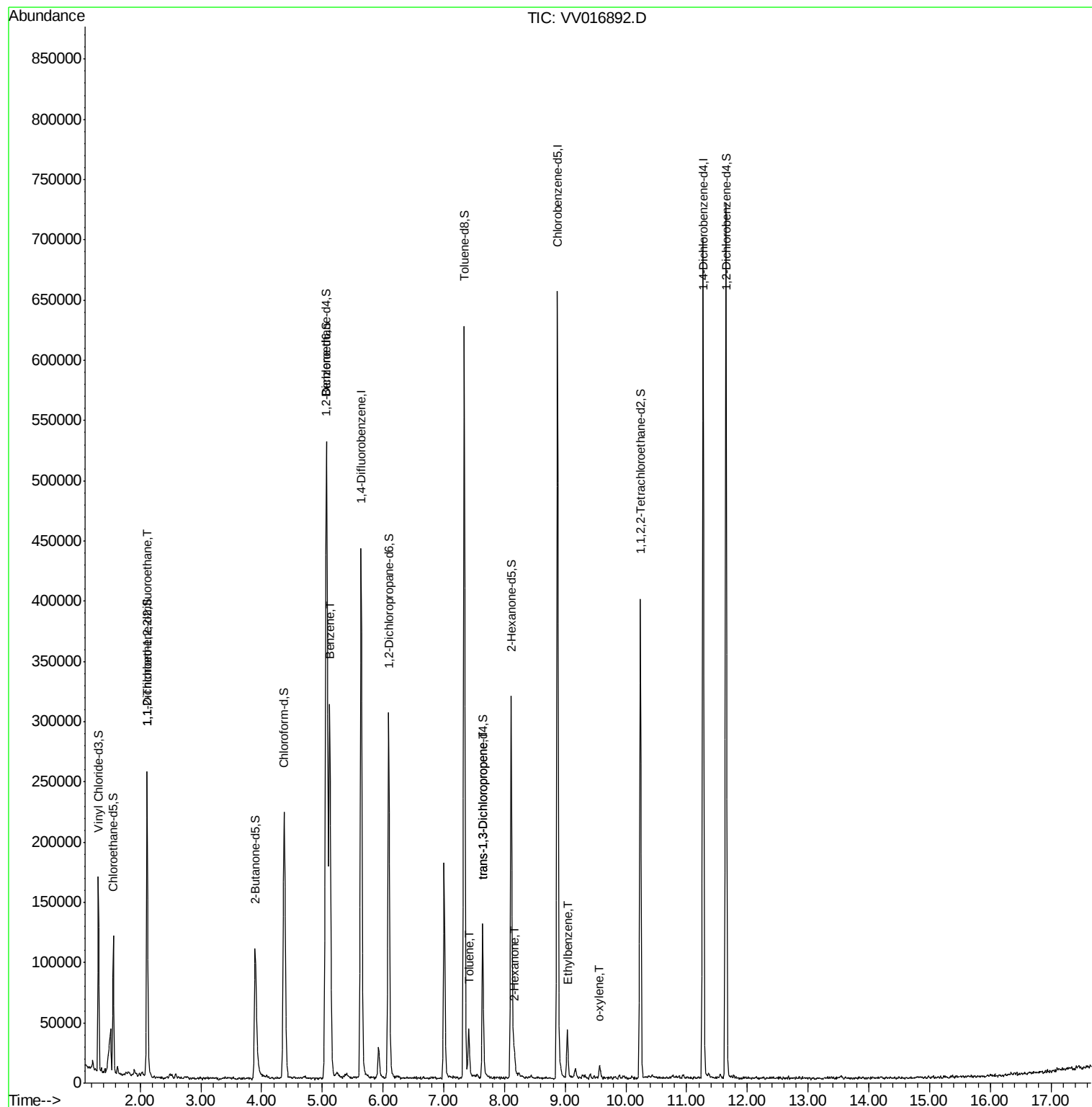
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1446	0.764	ug/L # 20
33) Benzene	5.12	78	300389	30.023	ug/L 100
42) Toluene	7.41	91	27421	2.600	ug/L 96
44) trans-1,3-Dichloropropene	7.65	75	3761	0.957	ug/L 95
48) 2-Hexanone	8.16	43	12178	4.260	ug/L # 79
52) Ethylbenzene	9.04	91	25991	2.225	ug/L 95
54) o-xylene	9.57	106	2548	0.594	ug/L 87

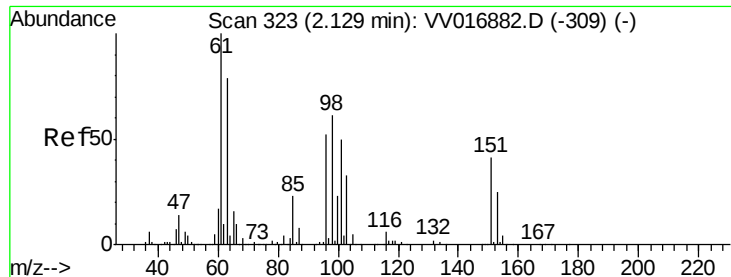
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 13 03:02:20 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.764 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016892.D

Acq: 12 Jun 2020 20:34

Instrument :

MSVOA_V

ClientSampleId :

F9D98

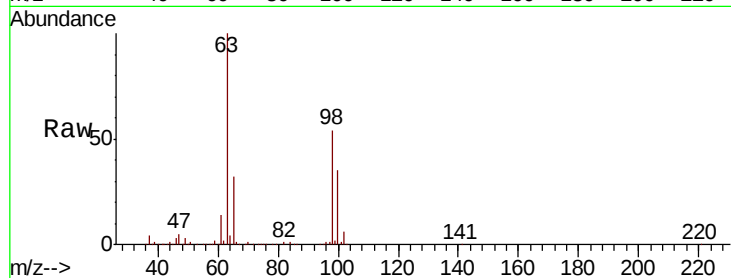
Tot Ion:101 Resp: 1446

Ion Ratio Lower Upper

101 100

85 5.1 35.5 53.3#

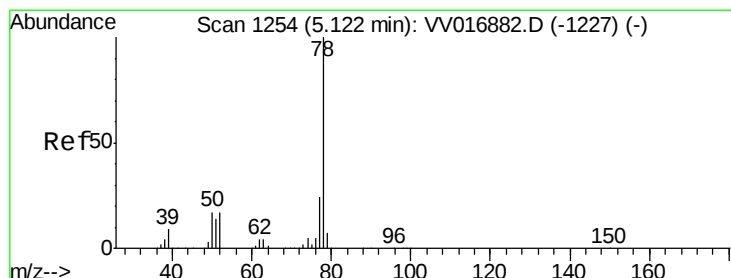
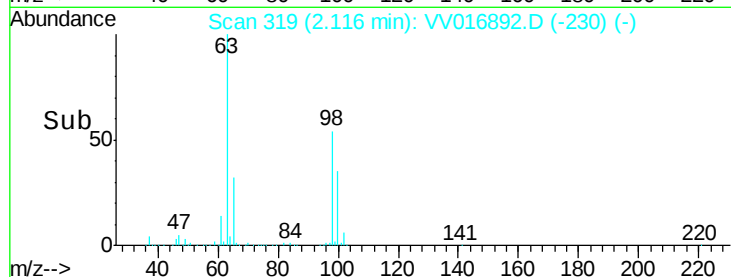
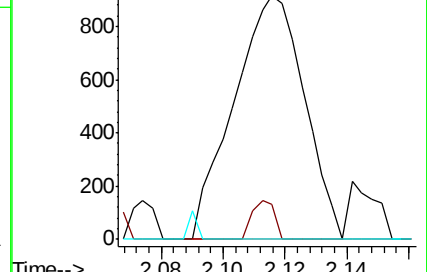
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#33

Benzene

Concen: 30.023 ug/L

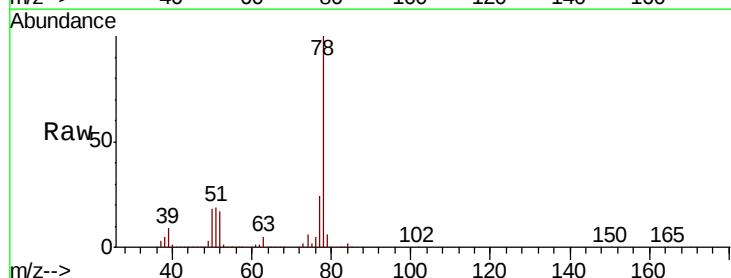
RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016892.D

Acq: 12 Jun 2020 20:34

Tgt Ion: 78 Resp: 300389



Abundance Ion 78.00 (77.70 to 78.70): VV0

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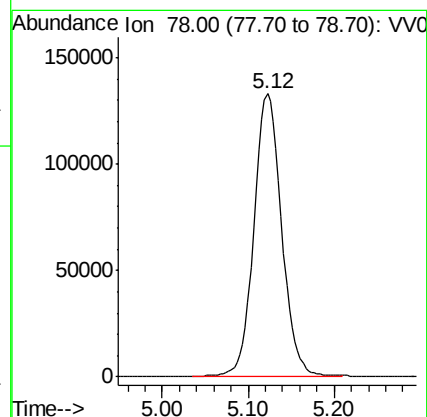
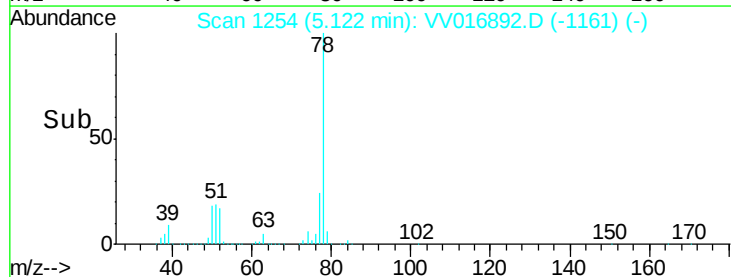
Ion 78.00 (77.70 to 78.70): VV0

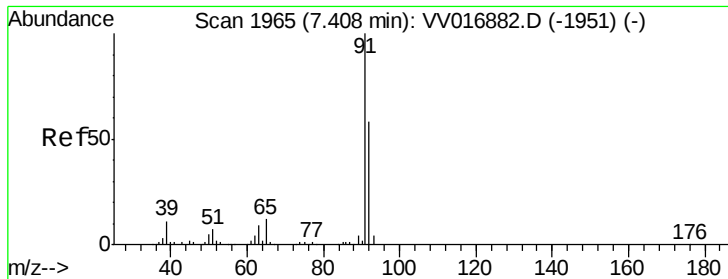
Ion 78.00 (77.70 to 78.70): VV0

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Ion 78.00 (77.70 to 78.70): VV0





#42

Toluene

Concen: 2.600 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016892.D

Acq: 12 Jun 2020 20:34

Instrument :

MSVOA_V

ClientSampleId :

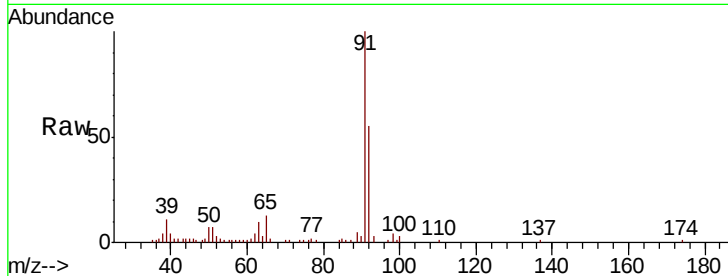
F9D98

Tot Ion: 91 Resp: 27421

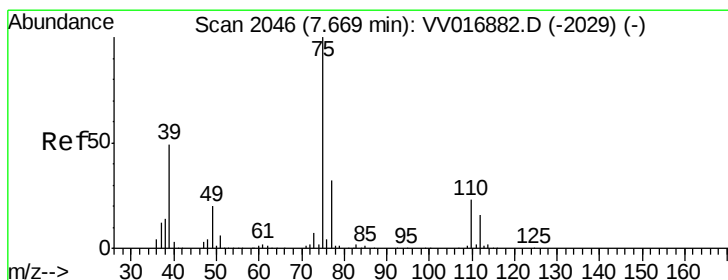
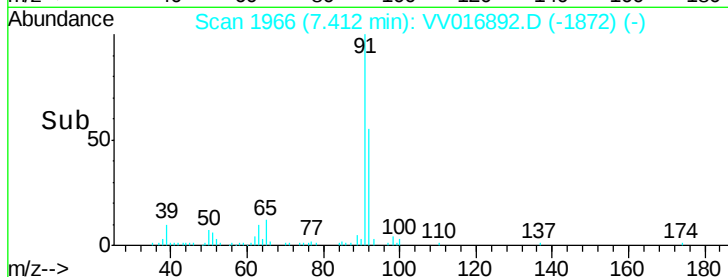
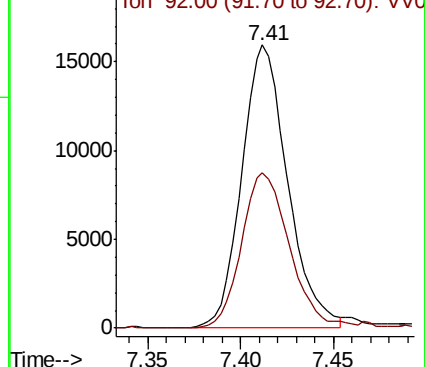
Ion Ratio Lower Upper

91 100

92 55.1 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV016892.D (-1872) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.957 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.02 min

Lab File: VV016892.D

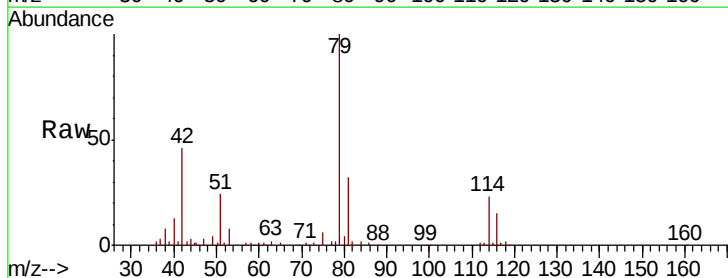
Acq: 12 Jun 2020 20:34

Tgt Ion: 75 Resp: 3761

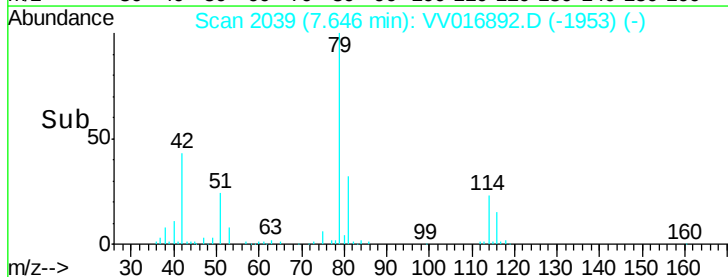
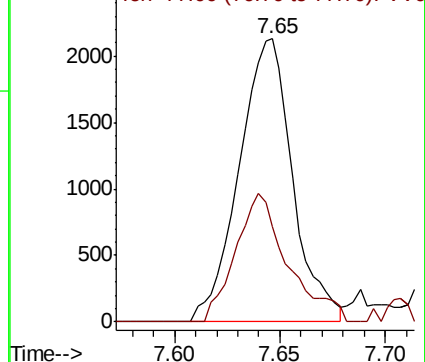
Ion Ratio Lower Upper

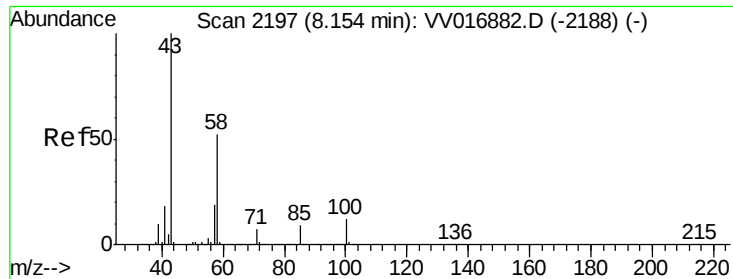
75 100

77 33.8 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV016892.D (-1953) (-)

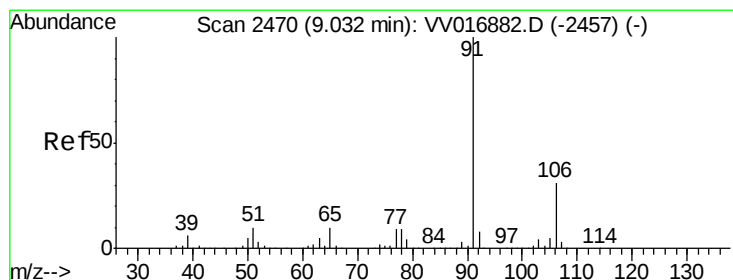
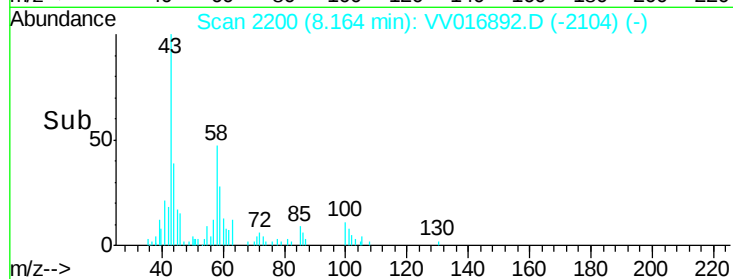
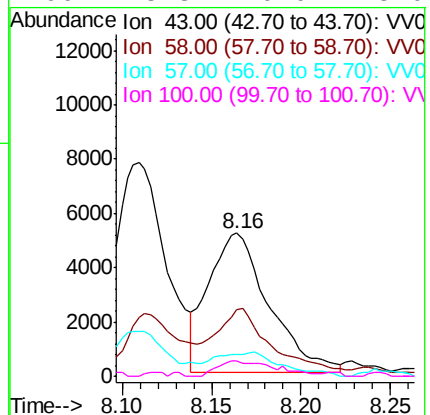
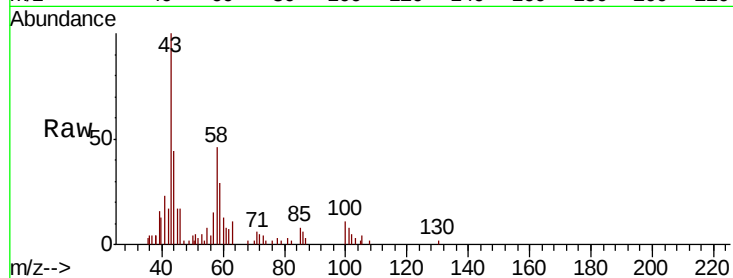




#48
2-Hexanone
Concen: 4.260 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016892.D
Acq: 12 Jun 2020 20:34

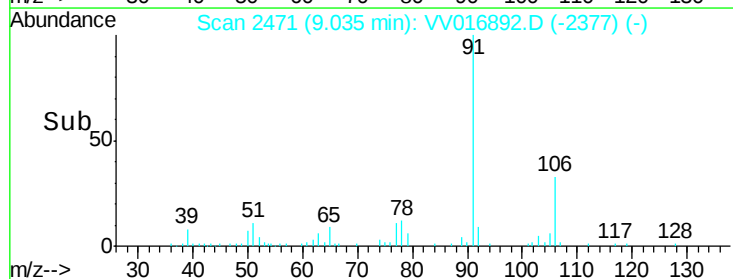
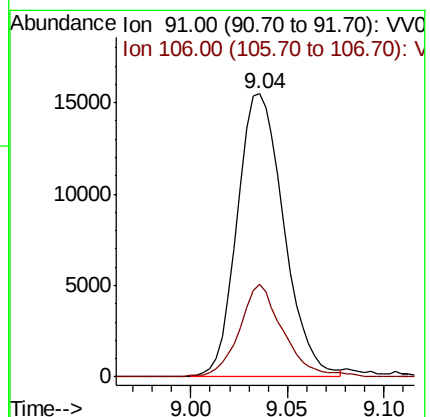
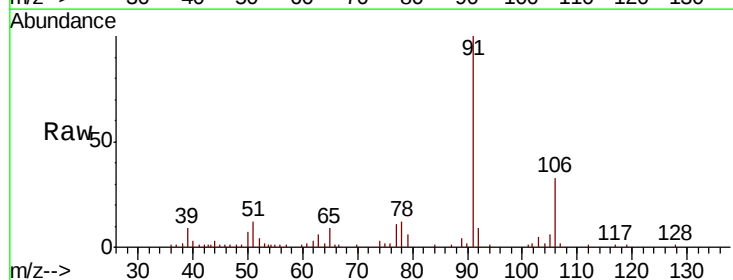
Instrument :
MSVOA_V
ClientSampleId :
F9D98

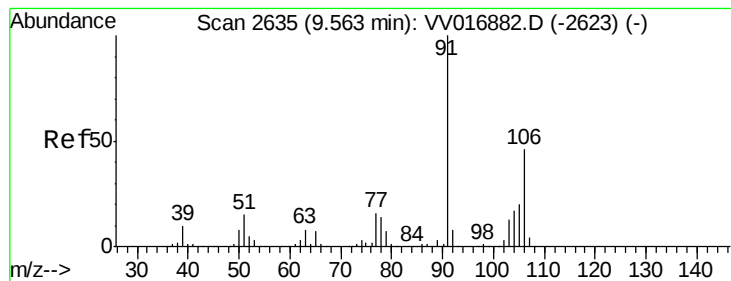
Tot Ion: 43 Resp: 12178
Ion Ratio Lower Upper
43 100
58 41.3 43.1 64.7#
57 3.1 15.3 22.9#
100 8.3 10.0 15.0#



#52
Ethylbenzene
Concen: 2.225 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016892.D
Acq: 12 Jun 2020 20:34

Tgt Ion: 91 Resp: 25991
Ion Ratio Lower Upper
91 100
106 32.6 21.1 39.1





#54

o-xylene

Concen: 0.594 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.01 min

Lab File: VV016892.D

Acq: 12 Jun 2020 20:34

Instrument :
MSVOA_V
ClientSampleId :
F9D98

Tot Ion:106 Resp: 2548

Ion Ratio Lower Upper

106 100

91 243.3 155.9 289.5

