

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016886.D
 Acq On : 12 Jun 2020 18:11
 Operator : SY/MD
 Sample : L2913-07 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D93

Quant Time: Jun 13 03:09:36 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	363585	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	339568	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	173131	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93266	36.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.70%
7) Chloroethane-d5	1.56	69	70273	45.65	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.30%
11) 1,1-Dichloroethene-d2	2.12	63	135726	31.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.00%
21) 2-Butanone-d5	3.89	46	170178	89.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.62%
24) Chloroform-d	4.37	84	223710	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	5.05	65	163556	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
32) Benzene-d6	5.07	84	430273	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.92%
36) 1,2-Dichloropropane-d6	6.09	67	133208	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.32%
41) Toluene-d8	7.34	98	391611	43.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.64	79	67245	42.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.64%
47) 2-Hexanone-d5	8.11	63	100463	75.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	175165	43.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	172506	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%

Target Compounds

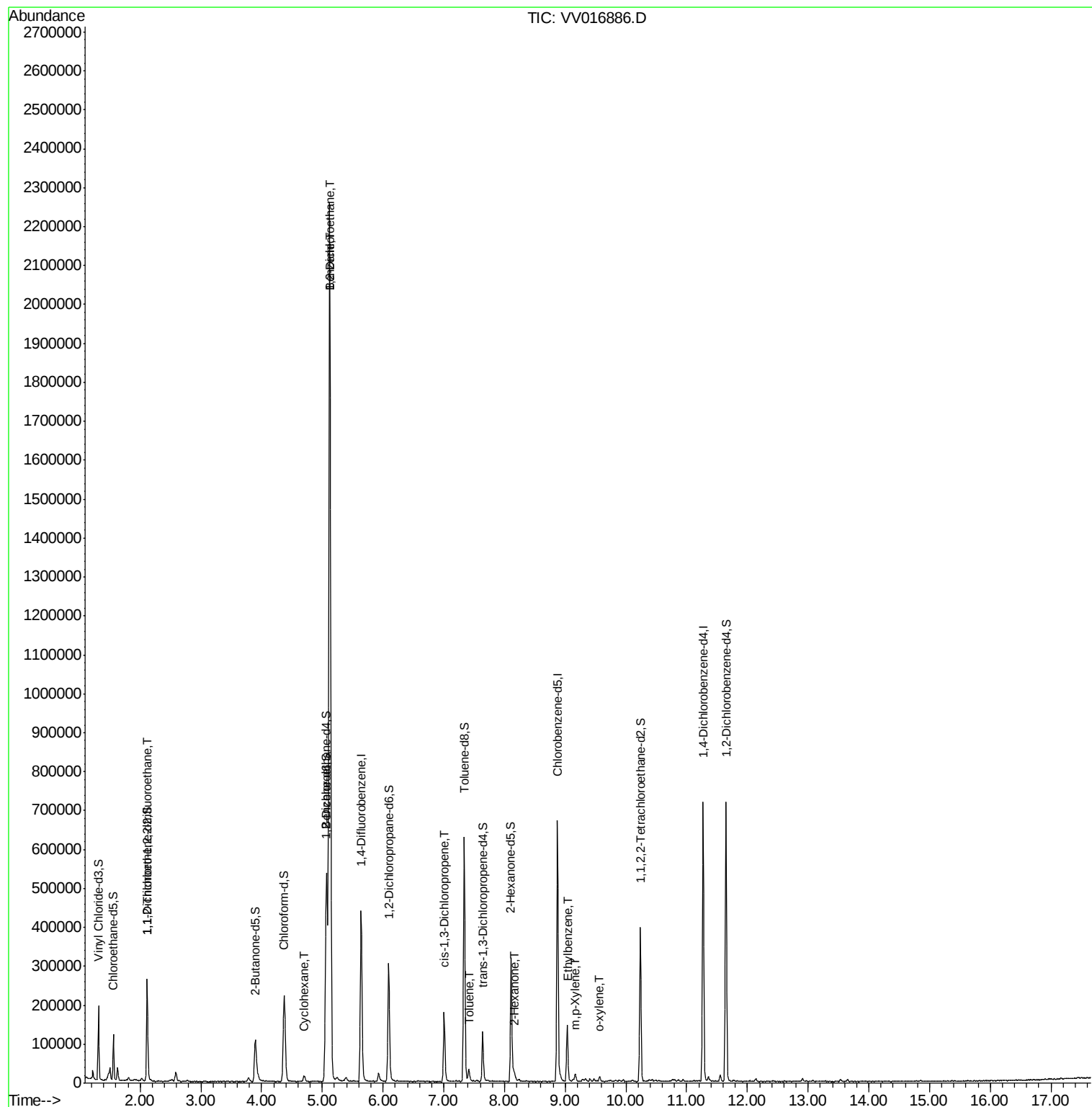
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1377	0.712 ug/L #	22
27) 1,2-Dichloroethane	5.12	62	23085	5.786 ug/L #	74
29) Cyclohexane	4.70	56	6857	1.625 ug/L #	83
33) Benzene	5.12	78	2156359	214.631 ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	5183	1.277 ug/L	85
42) Toluene	7.41	91	22634	2.137 ug/L	97
48) 2-Hexanone	8.16	43	12937	4.507 ug/L #	91
52) Ethylbenzene	9.04	91	96160	8.197 ug/L	99
53) m,p-Xylene	9.16	106	5476	1.254 ug/L	94
54) o-xylene	9.57	106	3312	0.769 ug/L	90

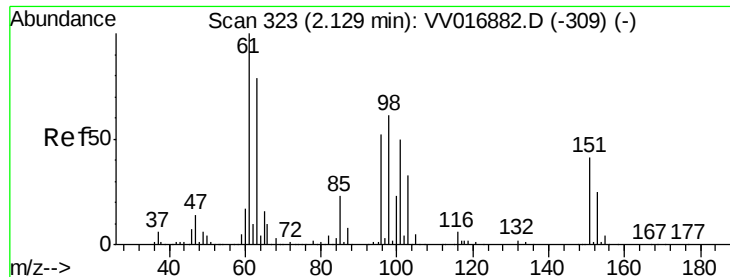
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 13 03:02:20 2020
Response via : Initial Calibration





#10

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

Concen: 0.712 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.02 min

Lab File: VV016886.D

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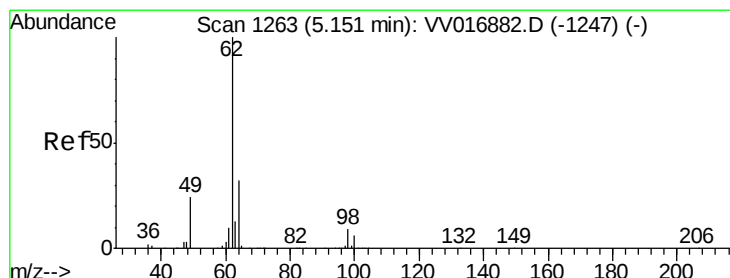
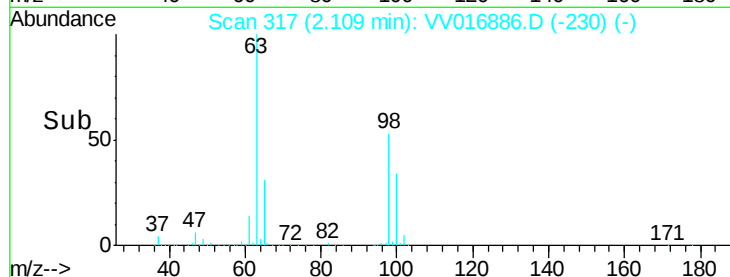
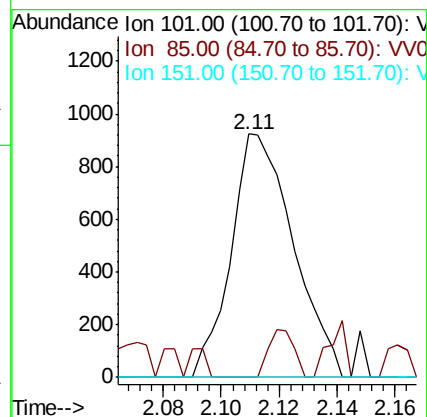
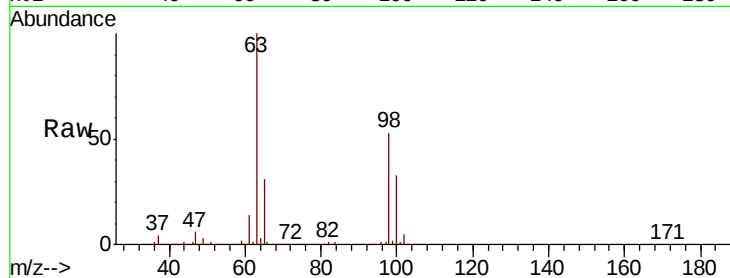
Tot Ion:101 Resp: 1377

Ion Ratio Lower Upper

101 100

85 8.0 35.5 53.3#

151 0.0 63.9 95.9#



#27

1,2-Dichloroethane

Concen: 5.786 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.03 min

Lab File: VV016886.D

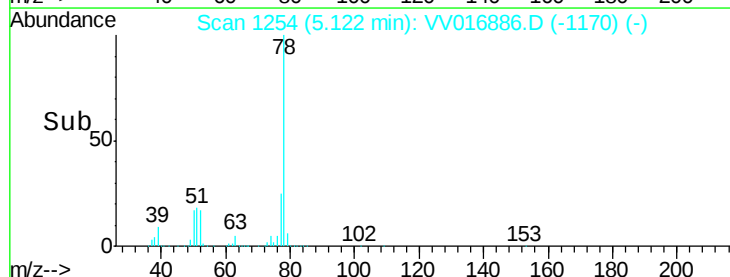
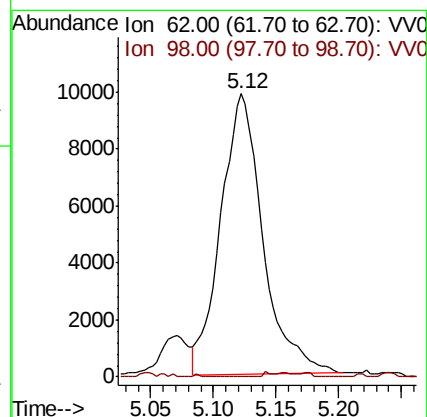
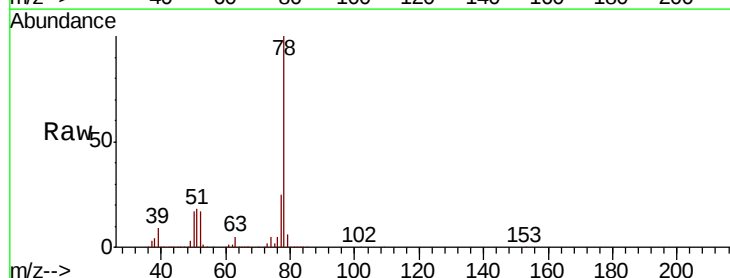
Acq: 12 Jun 2020 18:11

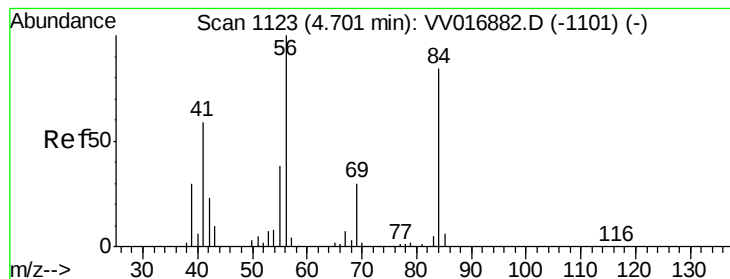
Tgt Ion: 62 Resp: 23085

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#





#29

Cyclohexane

Concen: 1.625 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VV016886.D

Acq: 12 Jun 2020 18:11

Instrument :

MSVOA_V

ClientSampleId :

F9D93

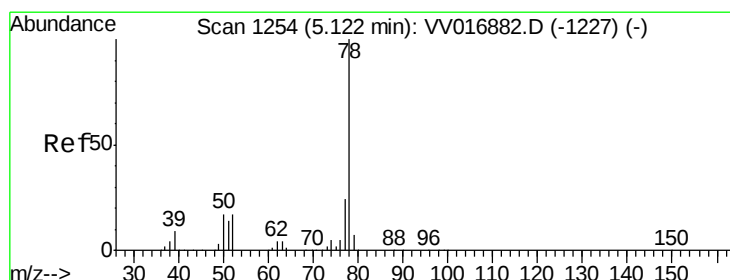
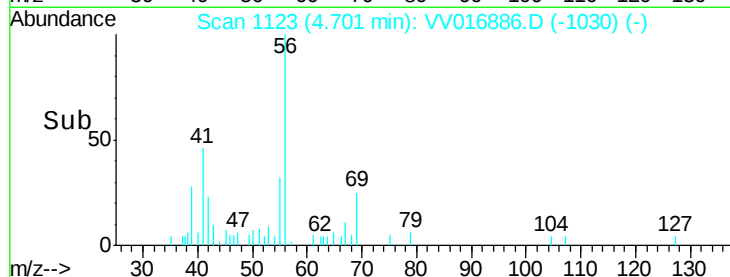
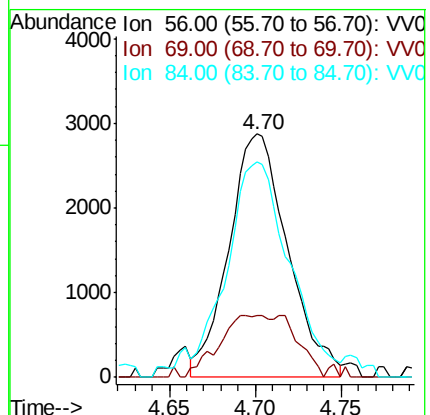
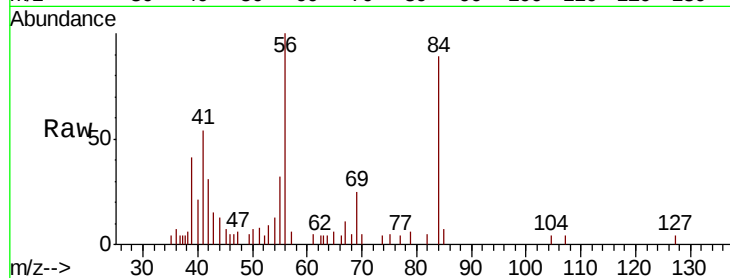
Tot Ion: 56 Resp: 6857

Ion Ratio Lower Upper

56 100

69 6.8 25.0 37.4#

84 93.2 69.5 104.3



#33

Benzene

Concen: 214.631 ug/L

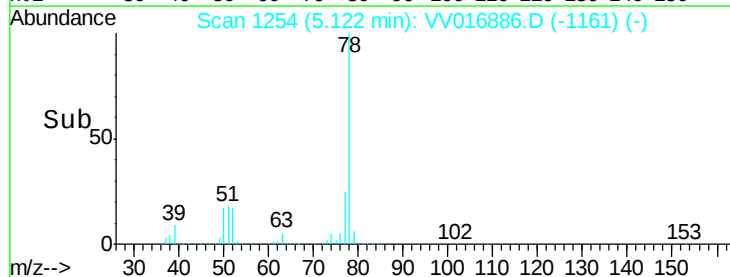
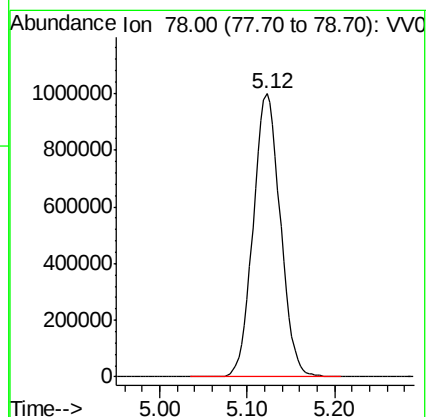
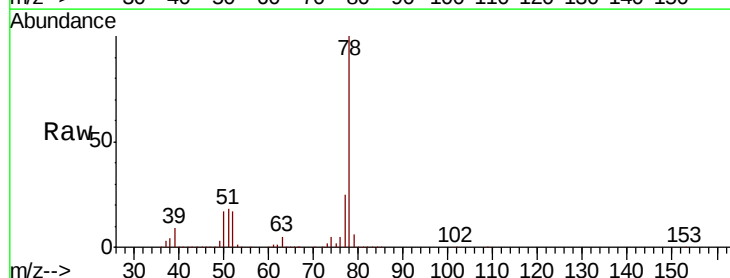
RT: 5.12 min Scan# 1254

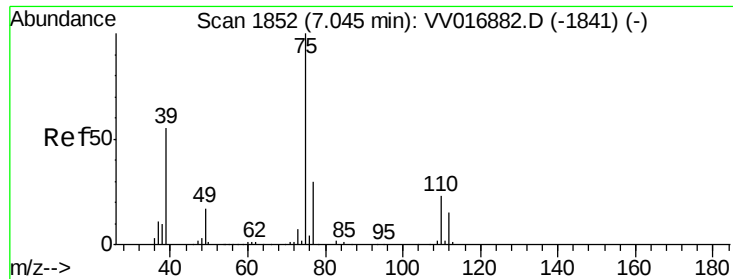
Delta R.T. -0.00 min

Lab File: VV016886.D

Acq: 12 Jun 2020 18:11

Tgt Ion: 78 Resp: 2156359

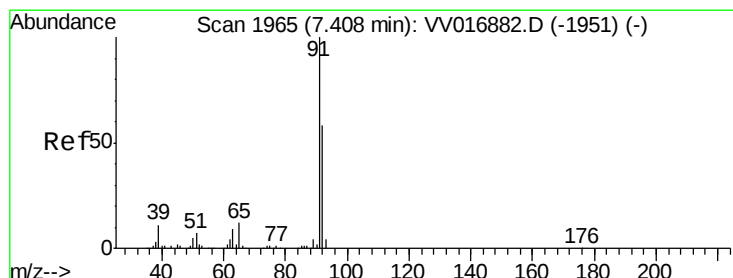
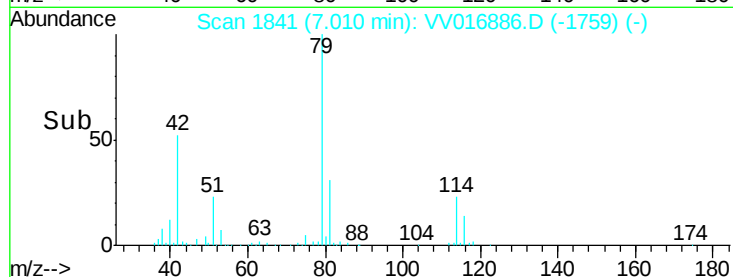
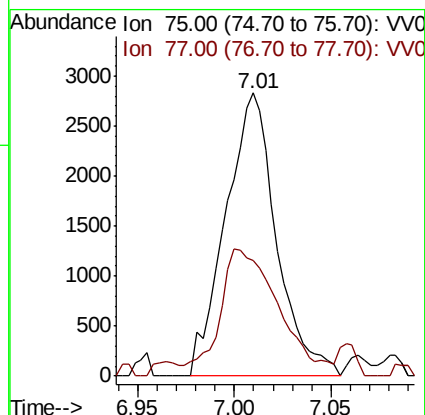
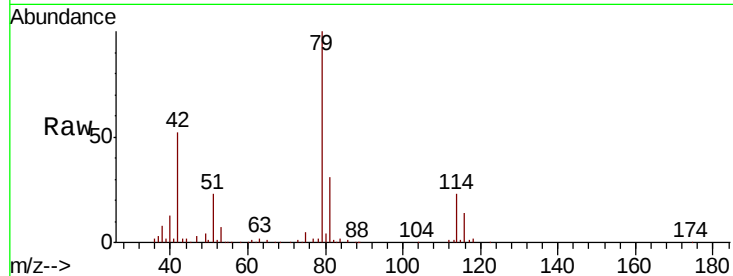




#39
 cis-1,3-Dichloropropene
 Concen: 1.277 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016886.D
 Acq: 12 Jun 2020 18:11

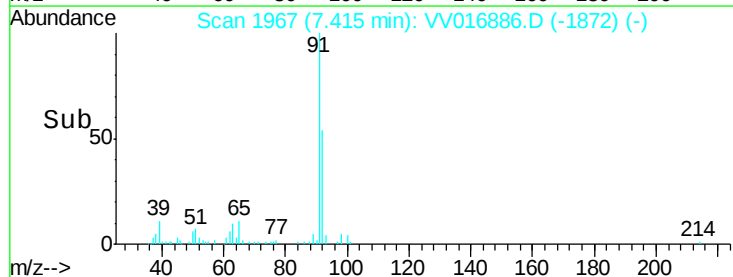
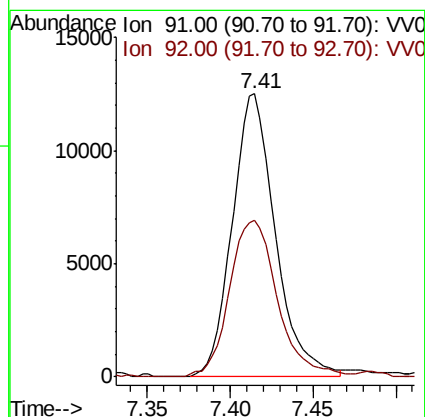
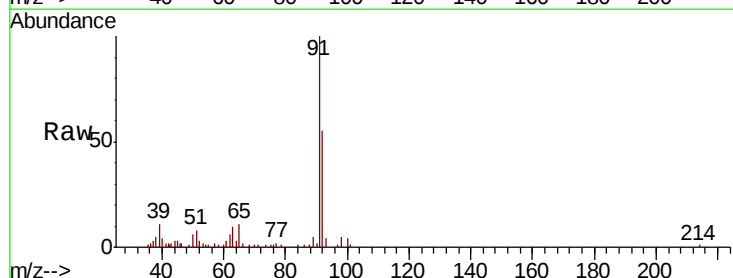
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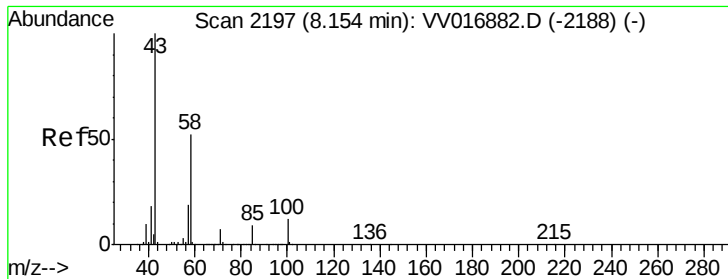
Tot Ion: 75 Resp: 5183
 Ion Ratio Lower Upper
 75 100
 77 40.9 22.7 42.1



#42
 Toluene
 Concen: 2.137 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV016886.D
 Acq: 12 Jun 2020 18:11

Tgt Ion: 91 Resp: 22634
 Ion Ratio Lower Upper
 91 100
 92 55.1 40.4 75.0

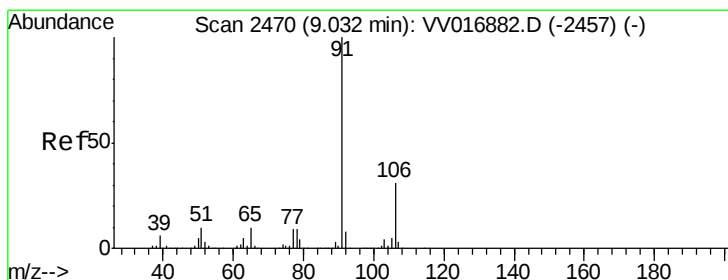
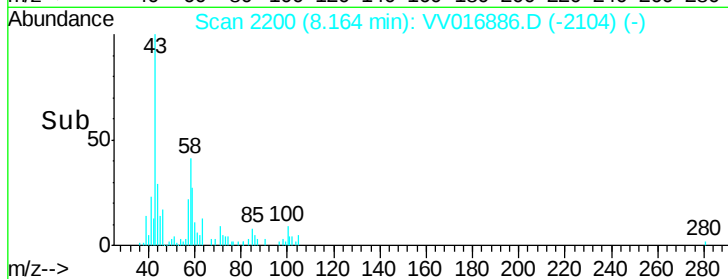
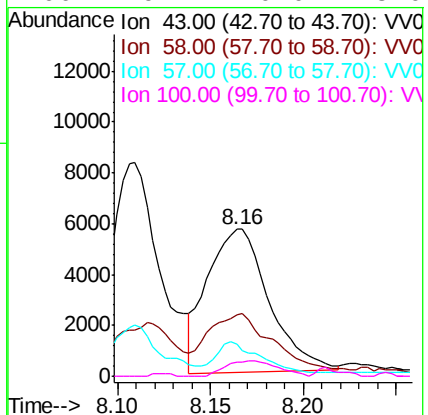
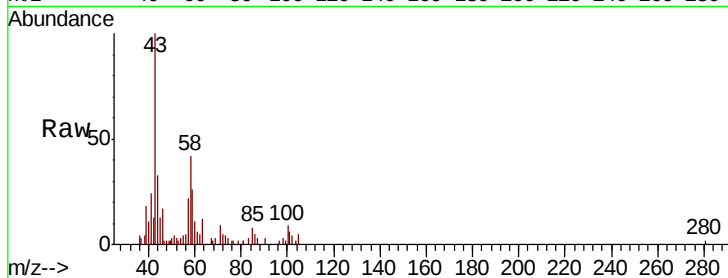




#48
2-Hexanone
Concen: 4.507 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016886.D
Acq: 12 Jun 2020 18:11

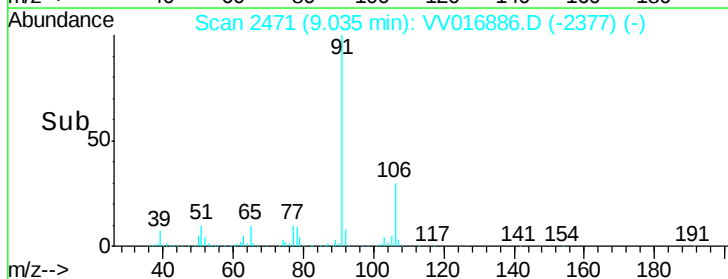
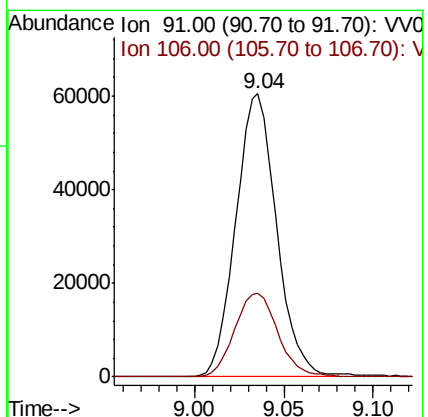
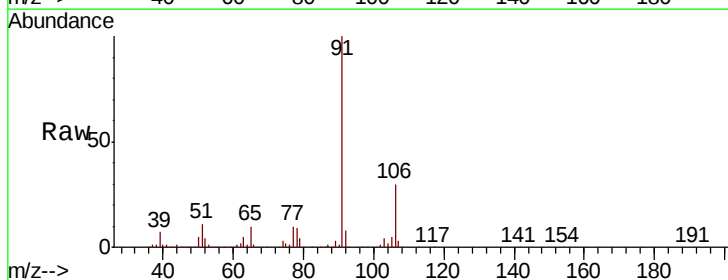
Instrument :
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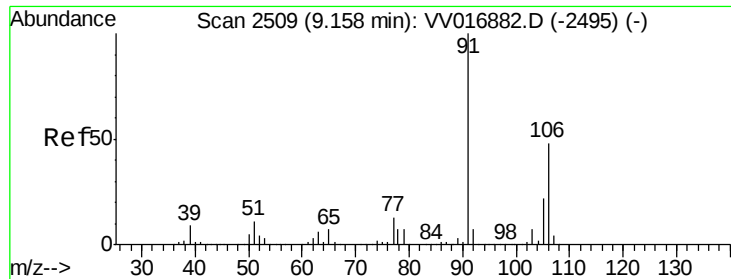
Tot Ion: 43 Resp: 12937
Ion Ratio Lower Upper
43 100
58 47.0 43.1 64.7
57 15.3 15.3 22.9#
100 9.2 10.0 15.0#



#52
Ethylbenzene
Concen: 8.197 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016886.D
Acq: 12 Jun 2020 18:11

Tgt Ion: 91 Resp: 96160
Ion Ratio Lower Upper
91 100
106 29.6 21.1 39.1

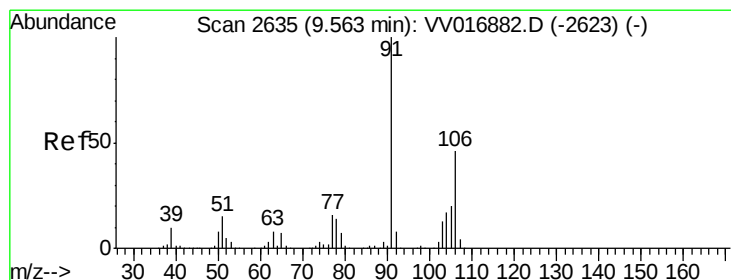
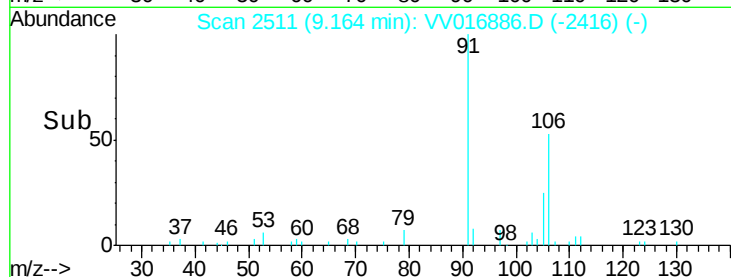
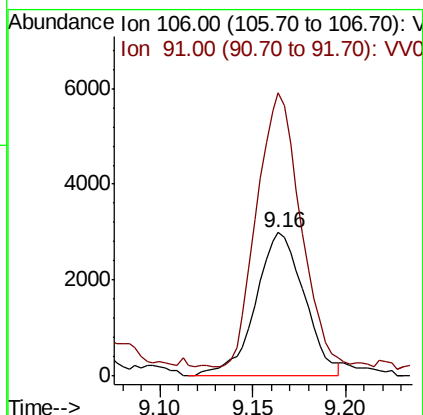
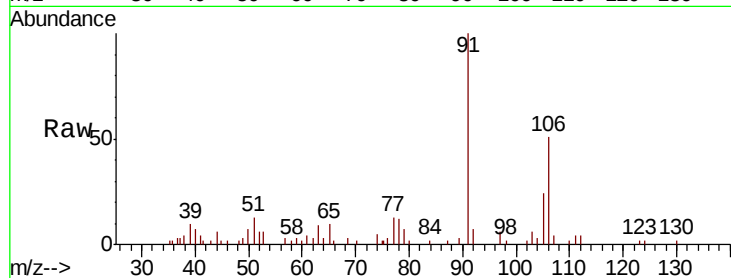




#53
m,p-Xylene
Concen: 1.254 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
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Tot Ion:106 Resp: 5476
Ion Ratio Lower Upper
106 100
91 197.0 144.6 268.6



#54
o-xylene
Concen: 0.769 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016886.D
Acq: 12 Jun 2020 18:11

Tgt Ion:106 Resp: 3312
Ion Ratio Lower Upper
106 100
91 207.1 155.9 289.5

