

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016849.D
 Acq On : 12 Jun 2020 00:23
 Operator : SY/MD
 Sample : L2915-10 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 05:59:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:55:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	355877	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332949	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160325	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	107702	42.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.78%
7) Chloroethane-d5	1.56	69	73103	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.04%
11) 1,1-Dichloroethene-d2	2.12	63	144633	34.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.60%
21) 2-Butanone-d5	3.90	46	164184	88.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.34%
24) Chloroform-d	4.37	84	219700	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.06%
26) 1,2-Dichloroethane-d4	5.05	65	159540	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.88%
32) Benzene-d6	5.07	84	434185	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.48%
36) 1,2-Dichloropropane-d6	6.09	67	134270	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.76%
41) Toluene-d8	7.34	98	391280	44.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.86%
43) trans-1,3-Dichloropropene-	7.64	79	64146	41.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.34%
47) 2-Hexanone-d5	8.11	63	98163	75.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167394	42.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	161595	47.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.46%

Target Compounds

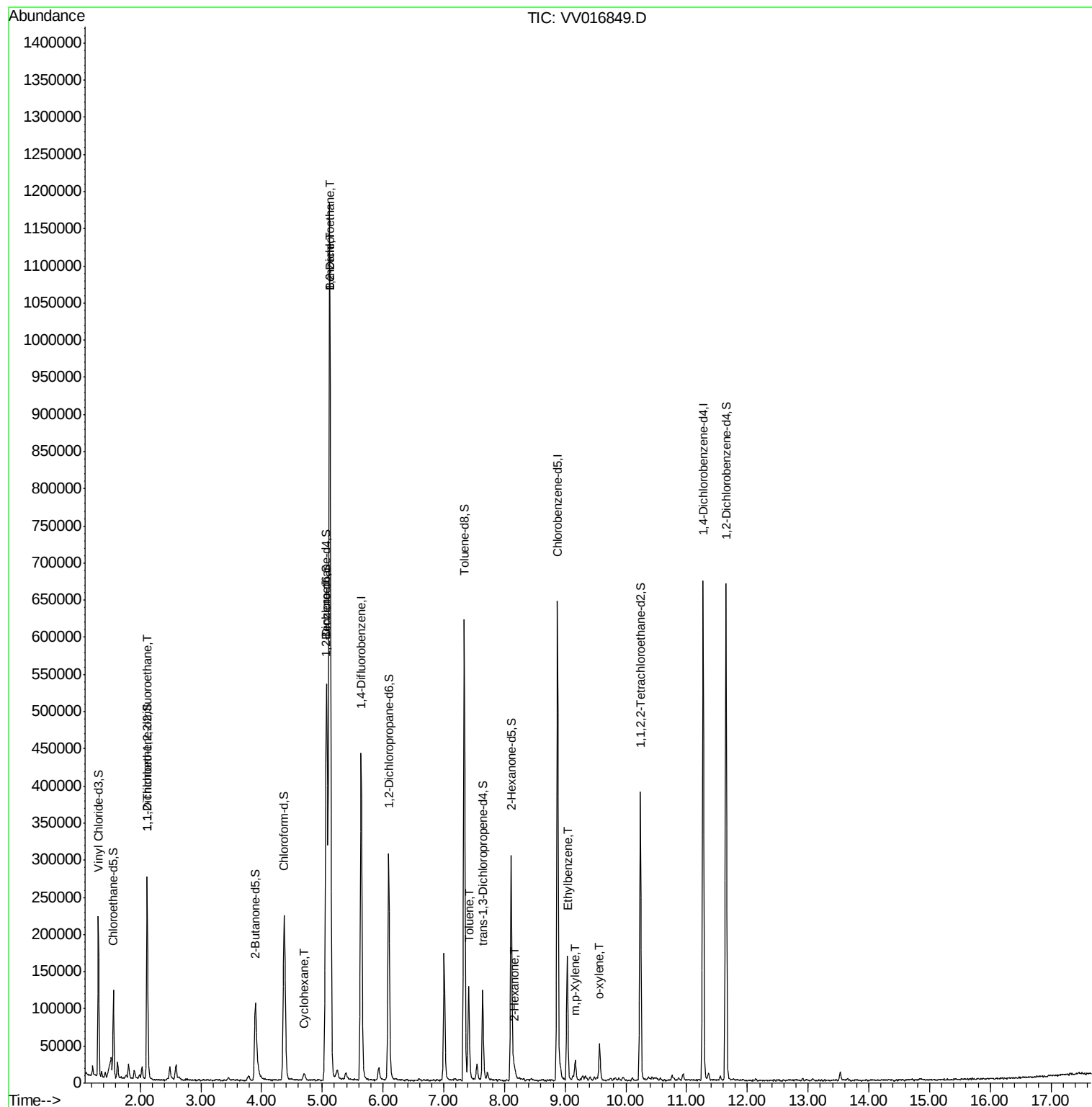
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1343	0.710	ug/L #	21
27) 1,2-Dichloroethane	5.12	62	11066	2.834	ug/L #	74
29) Cyclohexane	4.70	56	5141	1.243	ug/L #	50
33) Benzene	5.12	78	1126777	114.382	ug/L	100
42) Toluene	7.41	91	87613	8.437	ug/L	99
48) 2-Hexanone	8.17	43	9567	3.399	ug/L #	75
52) Ethylbenzene	9.04	91	112204	9.755	ug/L	100
53) m,p-Xylene	9.16	106	6772	1.581	ug/L	100
54) o-xylene	9.57	106	11661	2.761	ug/L	91

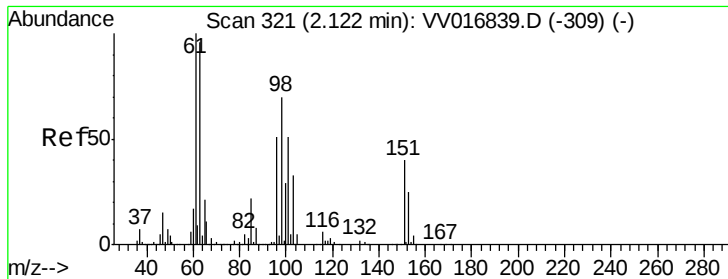
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061120\
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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 12 05:59:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 12 05:55:11 2020
Response via : Initial Calibration





#10

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

Concen: 0.710 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV016849.D

Acq: 12 Jun 2020 00:23

Instrument :

MSVOA_V

ClientSampleId :

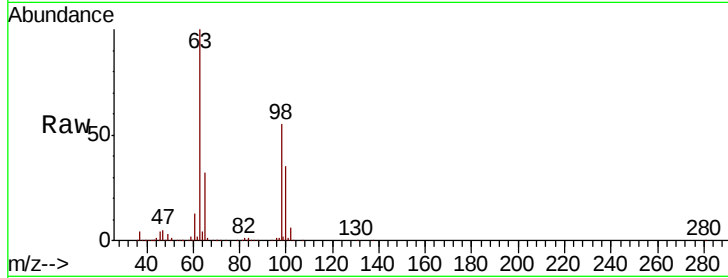
Tot Ion:101 Resp: 1343

Ion Ratio Lower Upper

101 100

85 7.1 35.5 53.3#

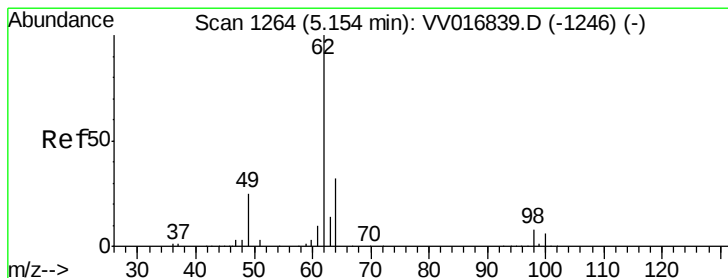
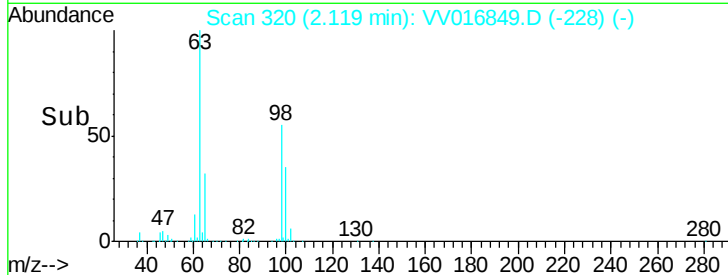
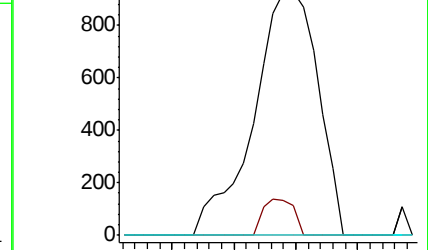
151 0.0 63.9 95.9#



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



#27

1,2-Dichloroethane

Concen: 2.834 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.03 min

Lab File: VV016849.D

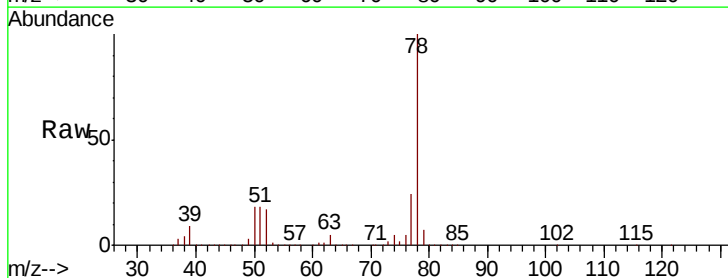
Acq: 12 Jun 2020 00:23

Tgt Ion: 62 Resp: 11066

Ion Ratio Lower Upper

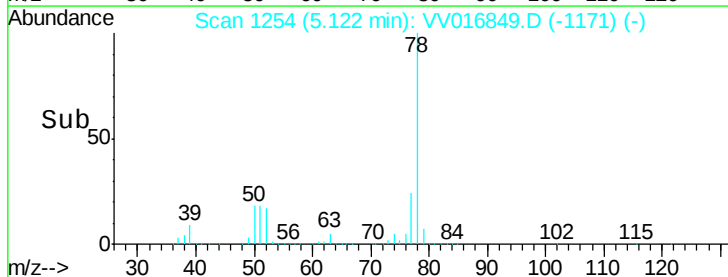
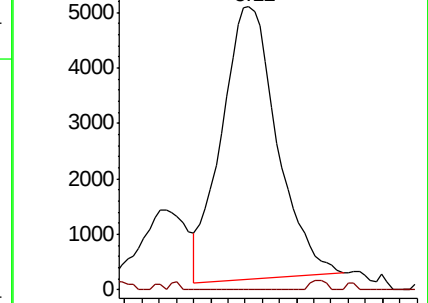
62 100

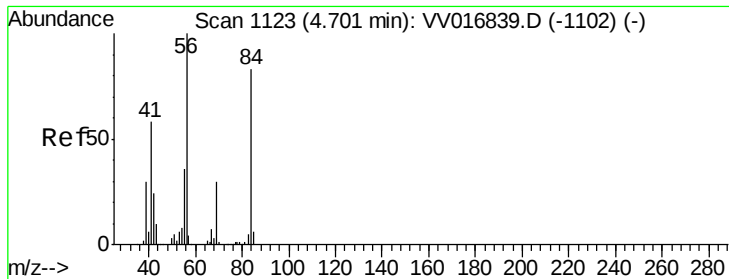
98 0.0 7.4 11.2#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

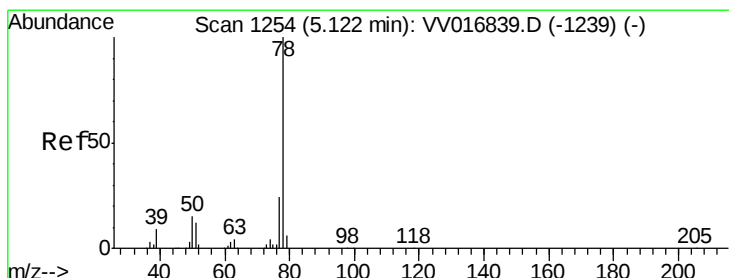
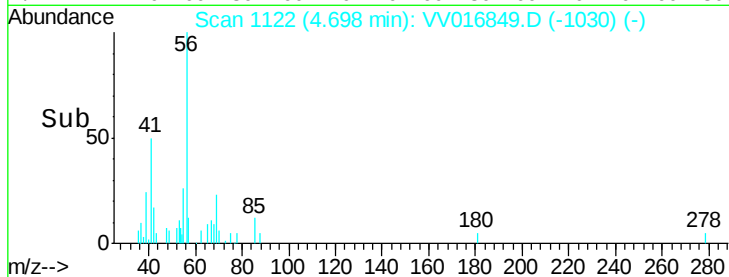
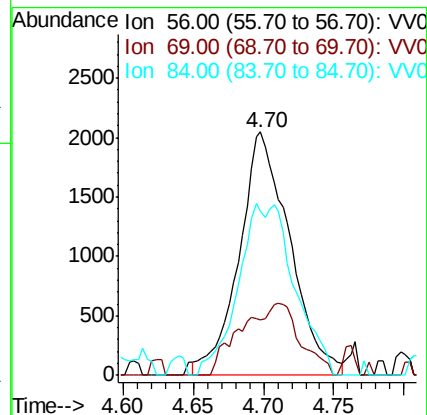
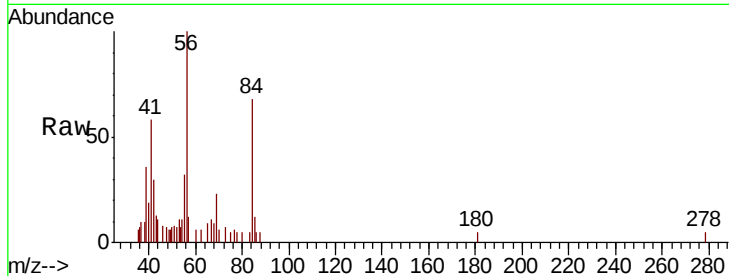




#29
Cyclohexane
Concen: 1.243 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VV016849.D
Acq: 12 Jun 2020 00:23

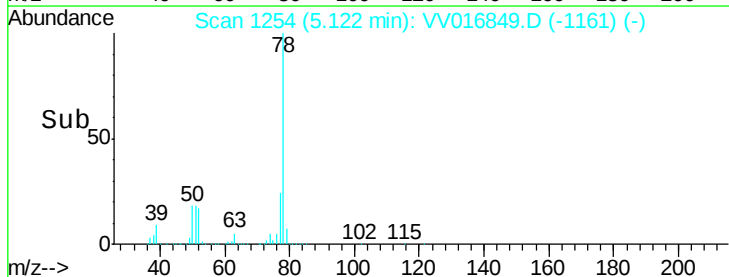
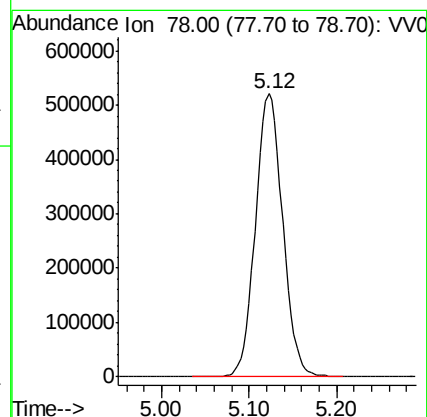
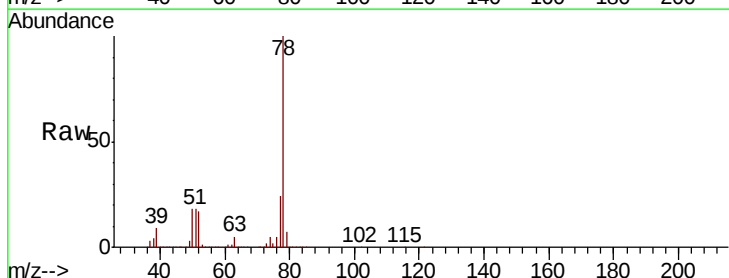
Instrument :
MSVOA_V
ClientSampleId :

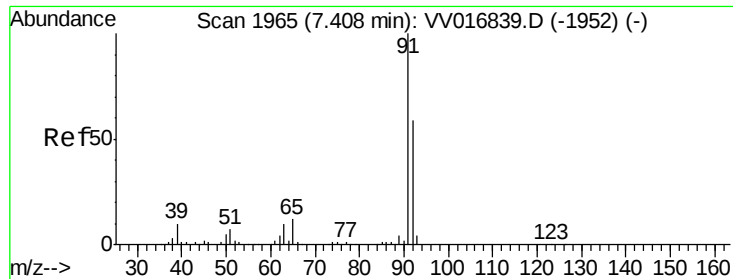
Tot Ion: 56 Resp: 5141
Ion Ratio Lower Upper
56 100
69 7.1 25.0 37.4#
84 39.3 69.5 104.3#



#33
Benzene
Concen: 114.382 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016849.D
Acq: 12 Jun 2020 00:23

Tgt Ion: 78 Resp: 1126777





#42

Toluene

Concen: 8.437 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016849.D

Acq: 12 Jun 2020 00:23

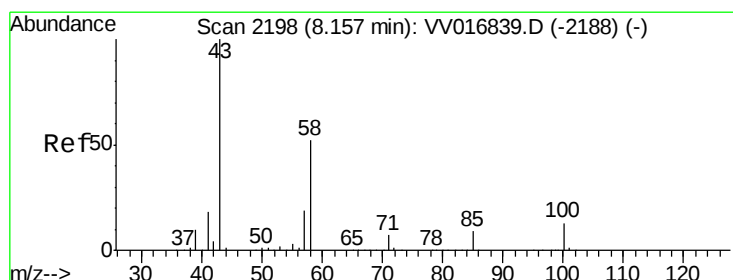
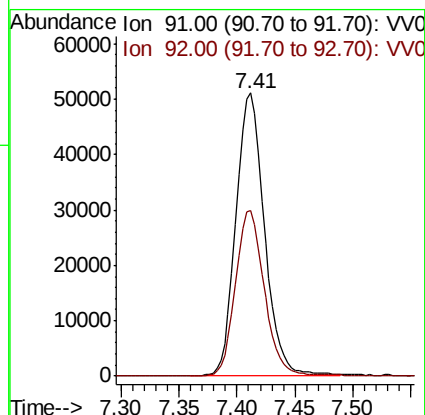
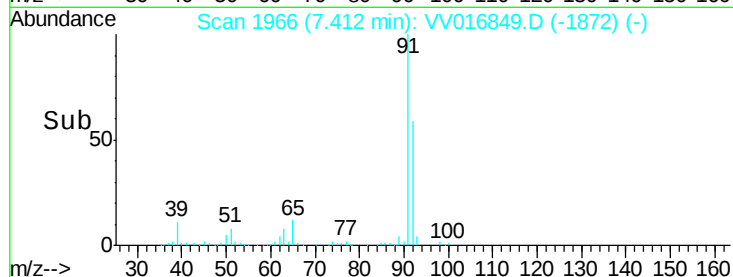
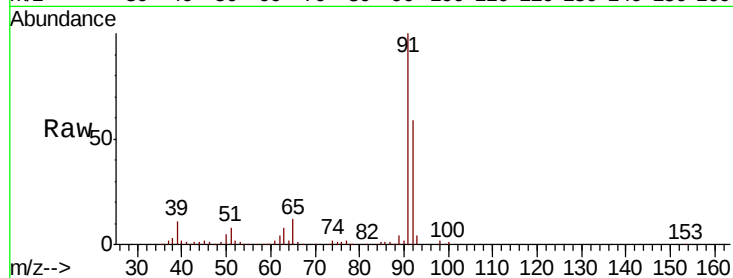
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 87613

Ion Ratio Lower Upper

91 100

92 58.5 40.4 75.0



#48

2-Hexanone

Concen: 3.399 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV016849.D

Acq: 12 Jun 2020 00:23

Tgt Ion: 43 Resp: 9567

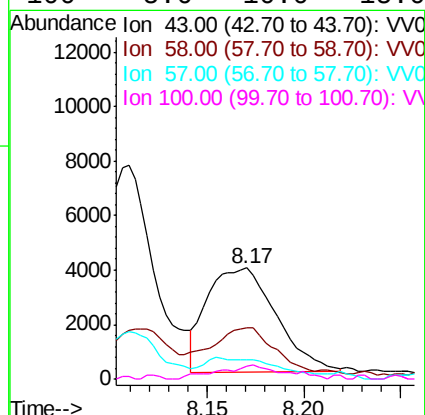
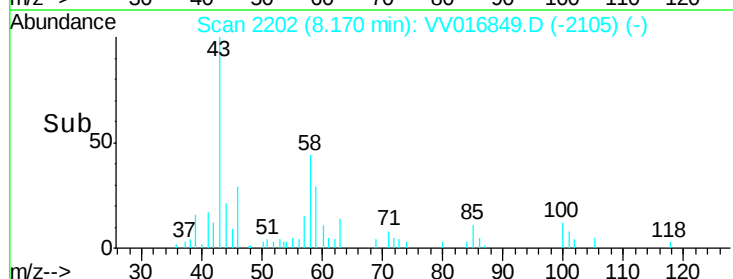
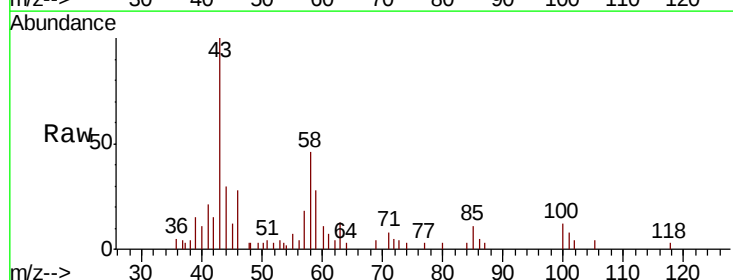
Ion Ratio Lower Upper

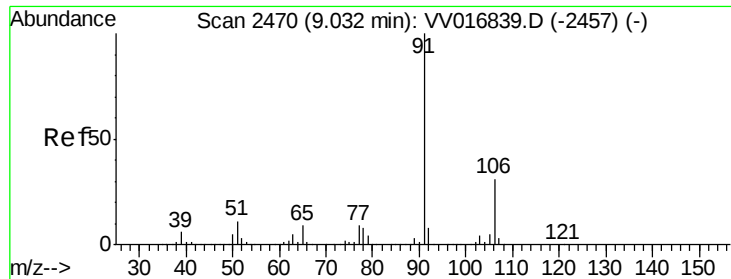
43 100

58 38.9 43.1 64.7#

57 0.0 15.3 22.9#

100 5.6 10.0 15.0#

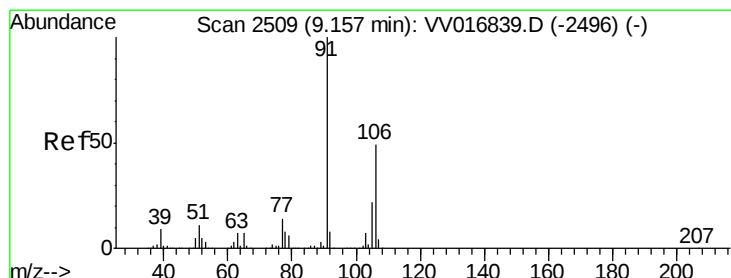
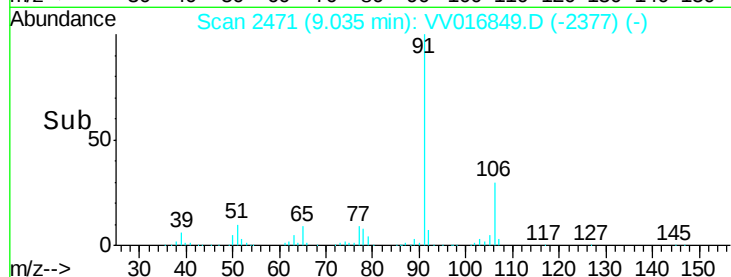
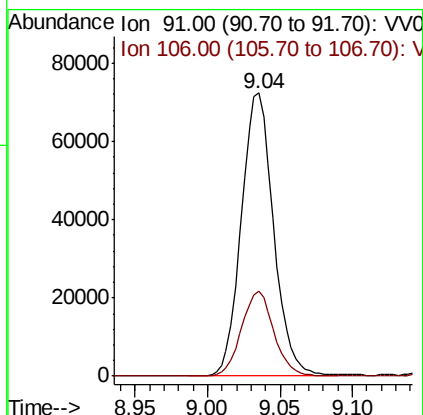
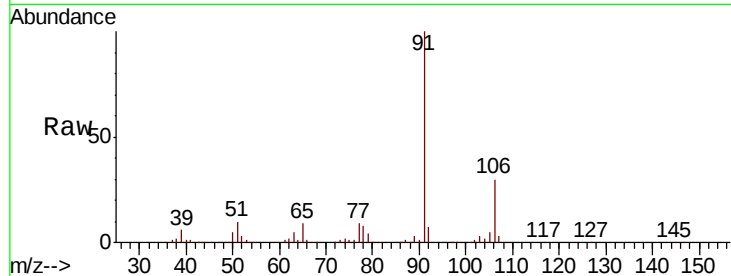




#52
Ethylbenzene
Concen: 9.755 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016849.D
Acq: 12 Jun 2020 00:23

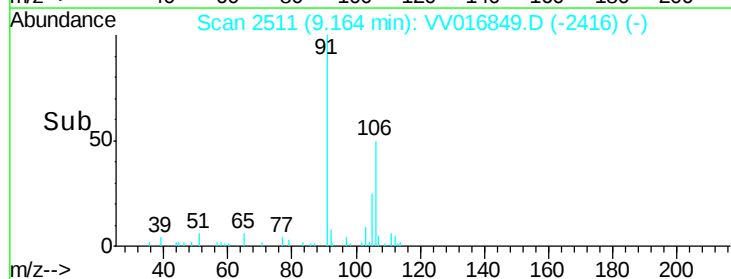
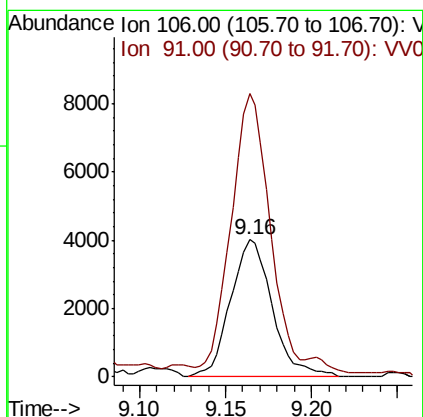
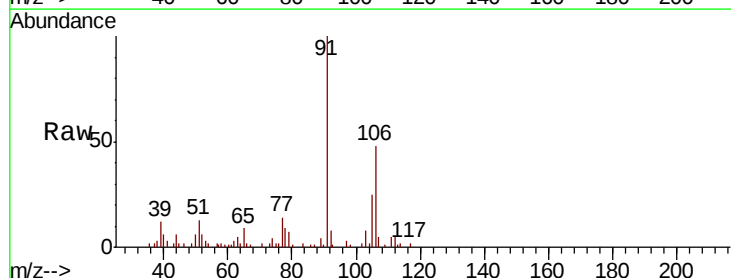
Instrument :
MSVOA_V
ClientSampled :

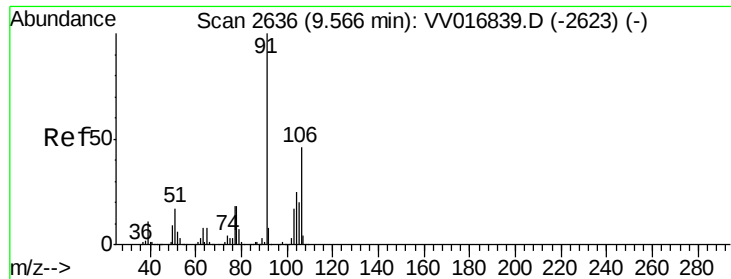
Tot Ion: 91 Resp: 112204
Ion Ratio Lower Upper
91 100
106 29.8 21.1 39.1



#53
m,p-Xylene
Concen: 1.581 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV016849.D
Acq: 12 Jun 2020 00:23

Tgt Ion: 106 Resp: 6772
Ion Ratio Lower Upper
106 100
91 206.3 144.6 268.6





#54
 o-xylene
 Concen: 2.761 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV016849.D
 Acq: 12 Jun 2020 00:23

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:106 Resp: 11661
 Ion Ratio Lower Upper
 106 100
 91 236.8 155.9 289.5

