

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016559.D
 Acq On : 06 Jun 2020 01:17
 Operator : SY/MD
 Sample : L2862-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 06 06:31:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 06:28:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	384510	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	358484	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	177874	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	119763	43.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.94%
7) Chloroethane-d5	1.56	69	85454	43.46	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.92%
11) 1,1-Dichloroethene-d2	2.12	63	164249	34.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.04%
21) 2-Butanone-d5	3.89	46	193759	111.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.27%
24) Chloroform-d	4.37	84	243368	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.24%
26) 1,2-Dichloroethane-d4	5.05	65	171906	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
32) Benzene-d6	5.07	84	496124	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.32%
36) 1,2-Dichloropropane-d6	6.09	67	155078	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.66%
41) Toluene-d8	7.34	98	443138	50.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.62%
43) trans-1,3-Dichloropropene-	7.64	79	68815	47.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.38%
47) 2-Hexanone-d5	8.11	63	146124	114.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.03%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	208092	51.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	189881	56.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.62%

Target Compounds

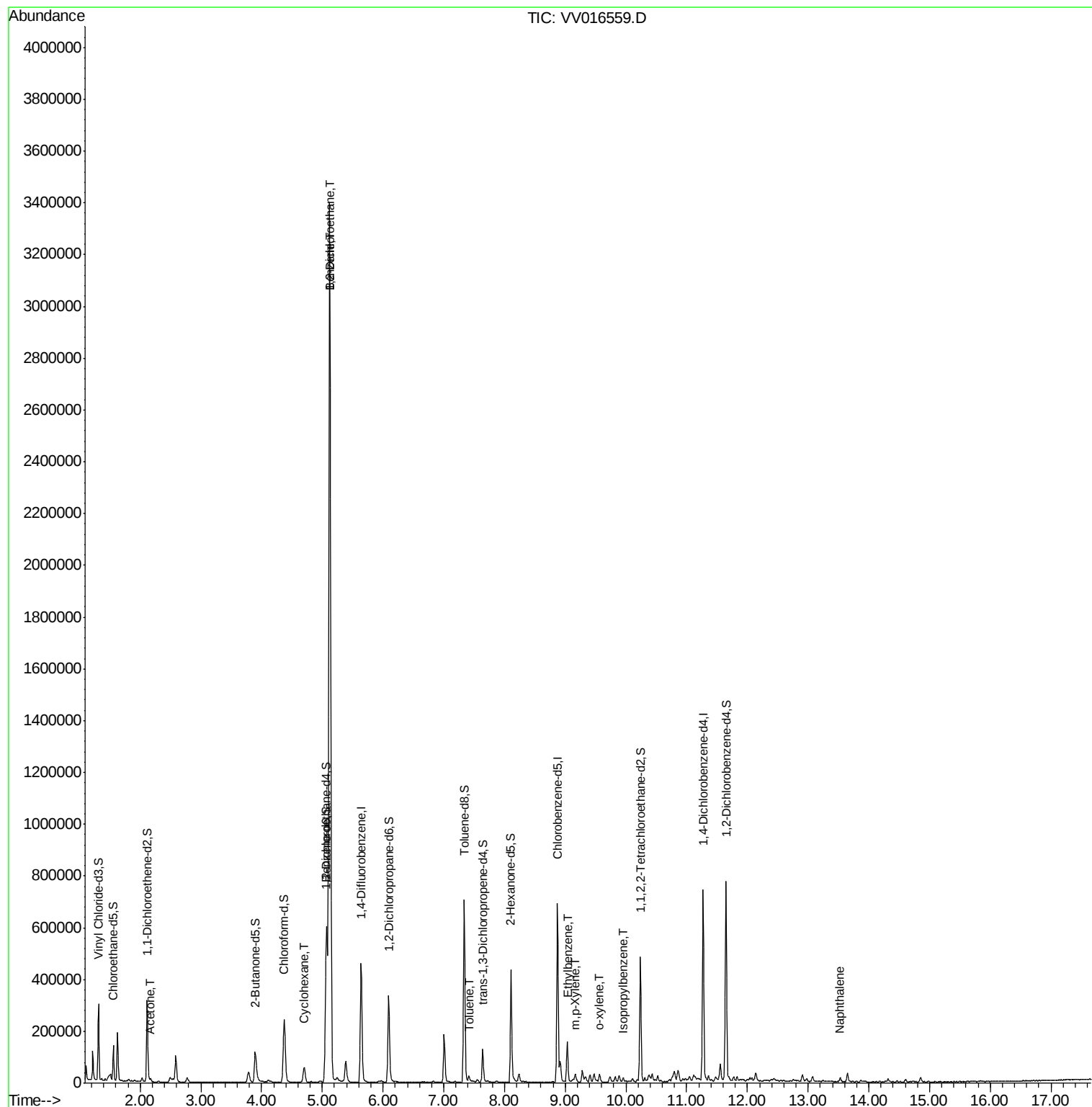
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.17	43	11719	7.200	ug/L	96
27) 1,2-Dichloroethane	5.12	62	32425	7.643	ug/L	# 76
29) Cyclohexane	4.70	56	30186	7.095	ug/L	95
33) Benzene	5.12	78	3271931	310.343	ug/L	100
42) Toluene	7.41	91	16187	1.449	ug/L	90
52) Ethylbenzene	9.04	91	103575	8.518	ug/L	99
53) m,p-Xylene	9.16	106	7754	1.691	ug/L	94
54) o-xylene	9.57	106	7669	1.727	ug/L	95
56) Isopropylbenzene	9.95	105	9041	0.784	ug/L	98
69) Naphthalene	13.53	128	11415	1.083	ug/L	97

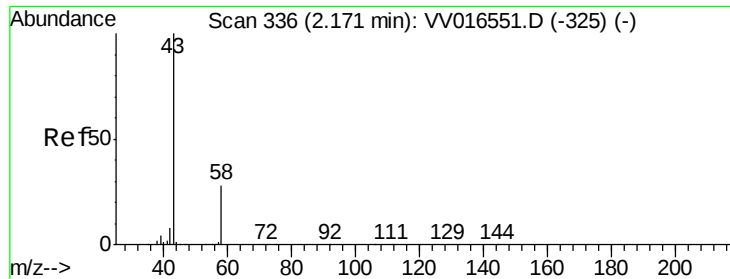
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.200 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016559.D

Acq: 06 Jun 2020 01:17

Instrument :

MSVOA_V

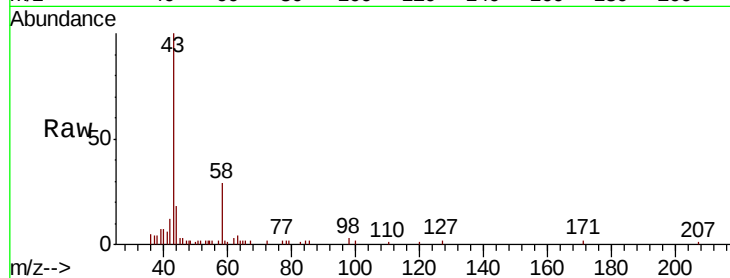
ClientSampleId :

Tot Ion: 43 Resp: 11719

Ion Ratio Lower Upper

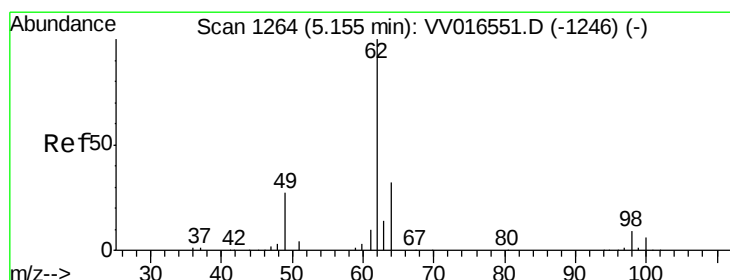
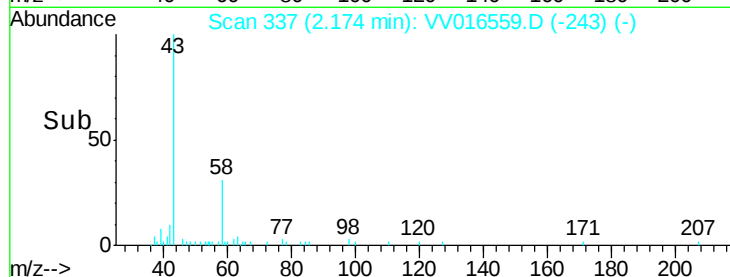
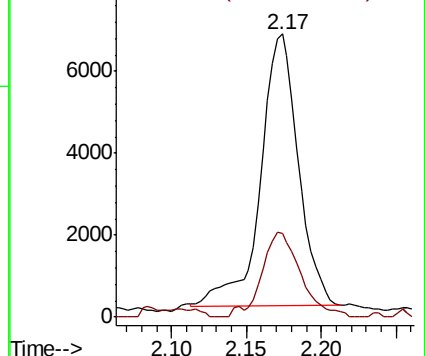
43 100

58 30.8 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#27

1,2-Dichloroethane

Concen: 7.643 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.03 min

Lab File: VV016559.D

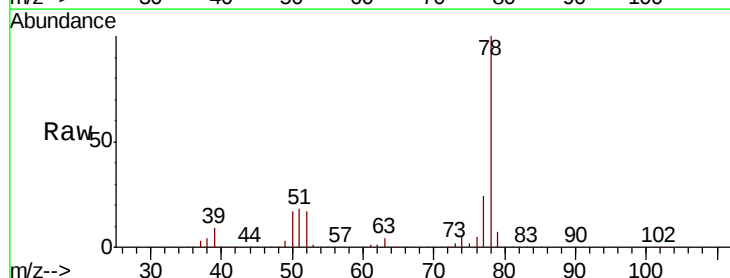
Acq: 06 Jun 2020 01:17

Tgt Ion: 62 Resp: 32425

Ion Ratio Lower Upper

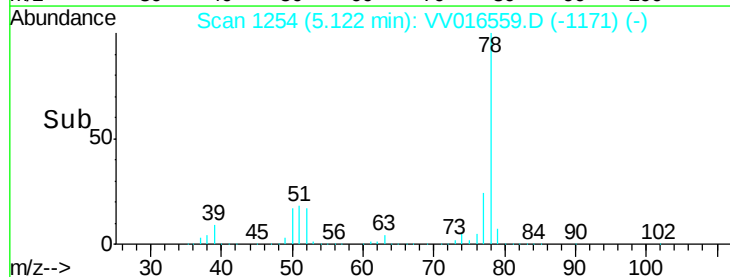
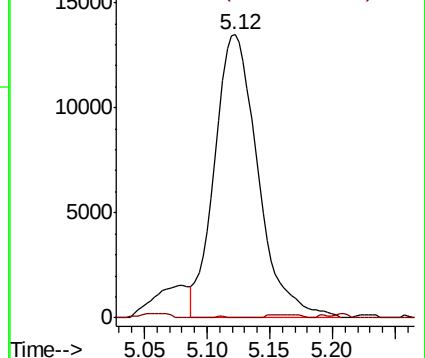
62 100

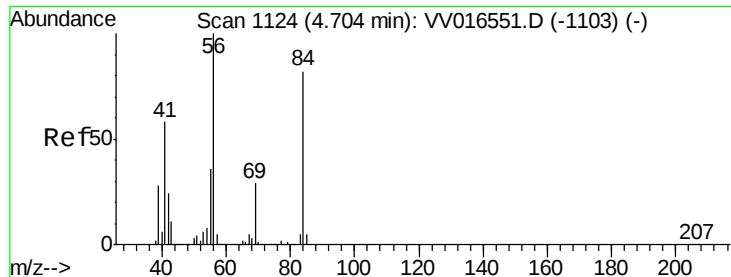
98 0.0 6.9 10.3#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

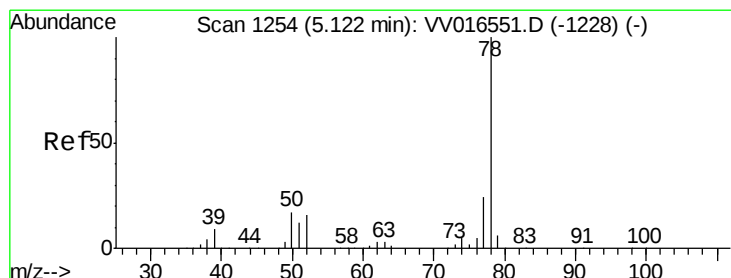
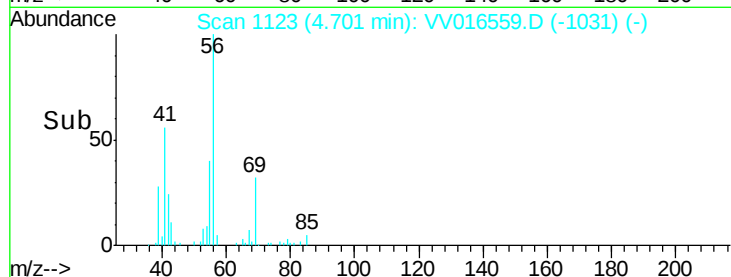
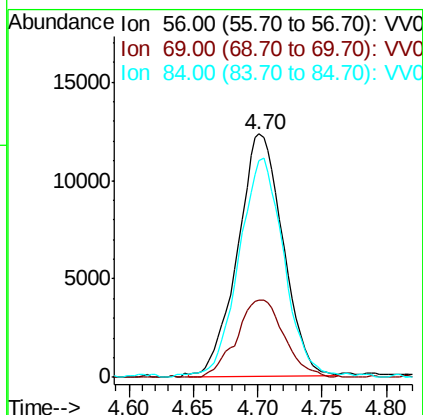
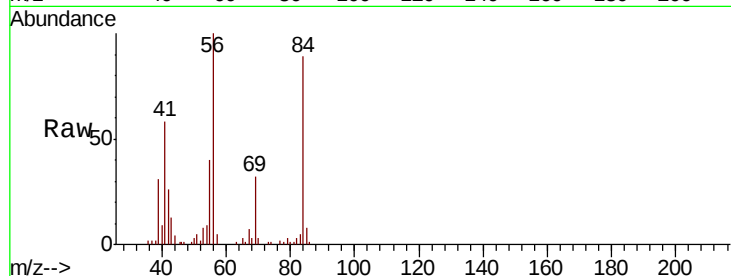




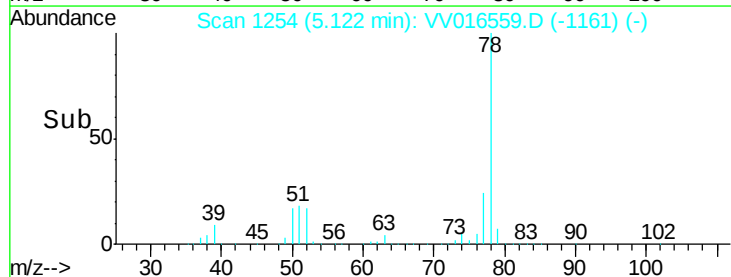
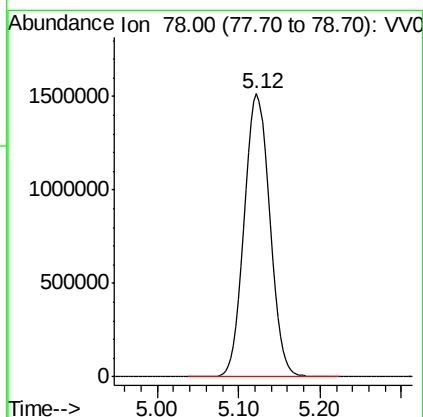
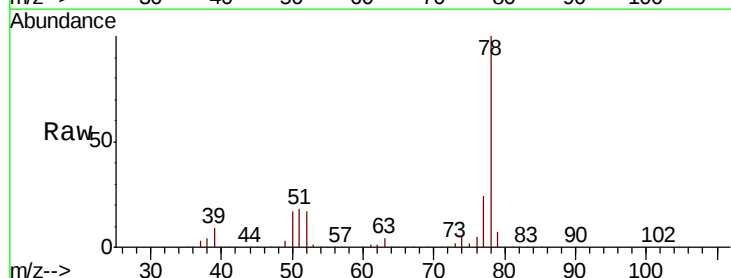
#29
Cyclohexane
Concen: 7.095 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV016559.D
Acq: 06 Jun 2020 01:17

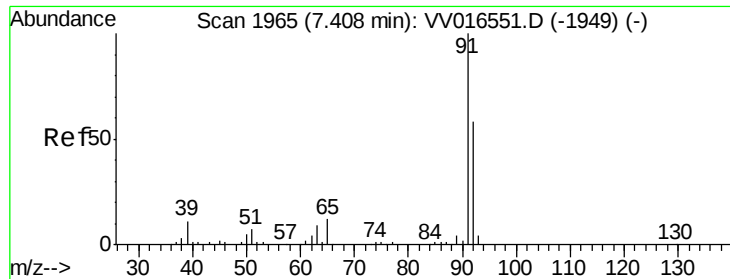
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 56 Resp: 30186
Ion Ratio Lower Upper
56 100
69 33.4 23.9 35.9
84 89.0 68.2 102.2



#33
Benzene
Concen: 310.343 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016559.D
Acq: 06 Jun 2020 01:17
Tgt Ion: 78 Resp: 3271931





#42

Toluene

Concen: 1.449 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016559.D

Acq: 06 Jun 2020 01:17

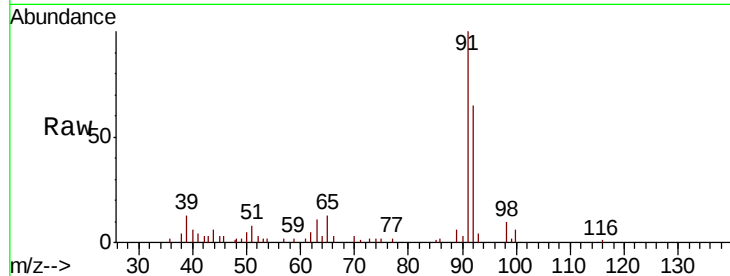
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 16187

Ion Ratio Lower Upper

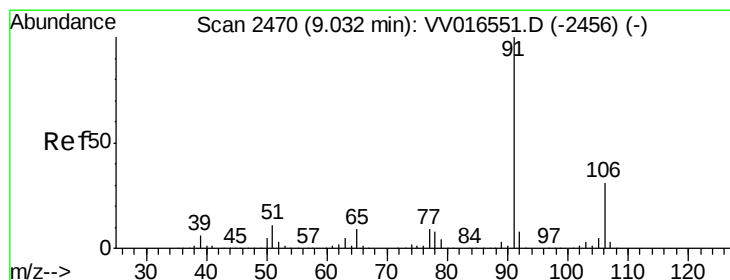
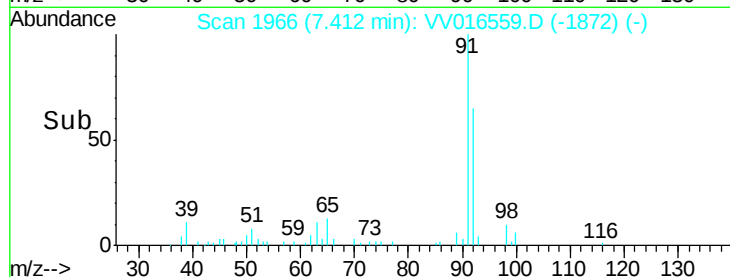
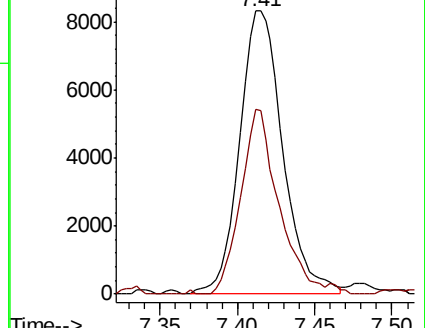
91 100

92 65.5 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016551.D (-1949) (-)

Ion 92.00 (91.70 to 92.70): VV016559.D (-1872) (-)



#52

Ethylbenzene

Concen: 8.518 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016559.D

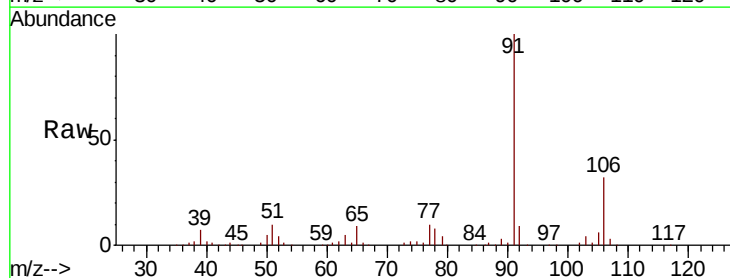
Acq: 06 Jun 2020 01:17

Tgt Ion: 91 Resp: 103575

Ion Ratio Lower Upper

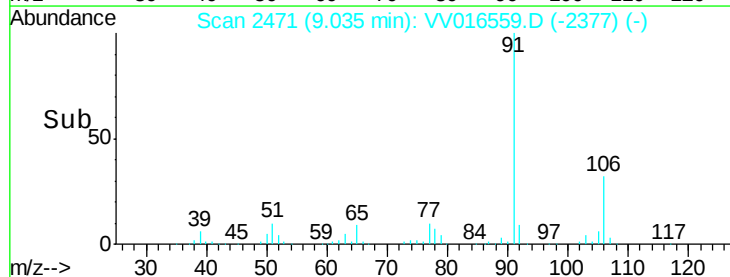
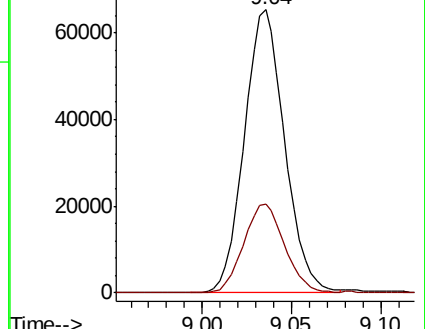
91 100

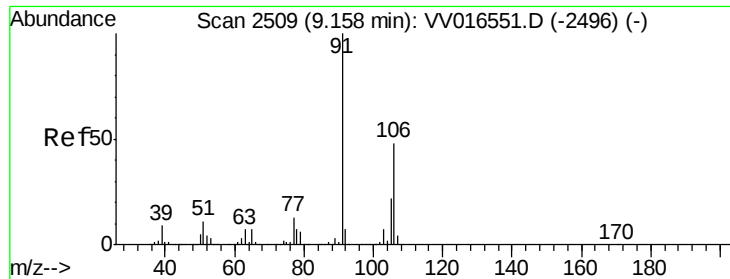
106 31.6 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VV016551.D (-2456) (-)

Ion 106.00 (105.70 to 106.70): VV016559.D (-2377) (-)

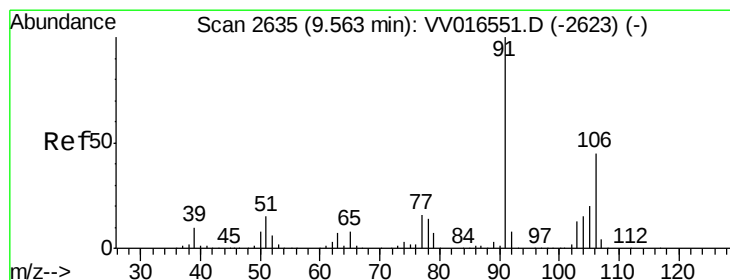
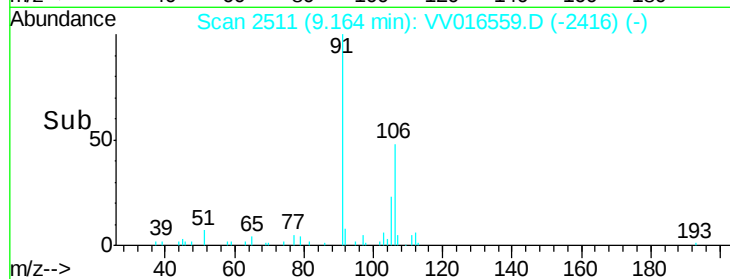
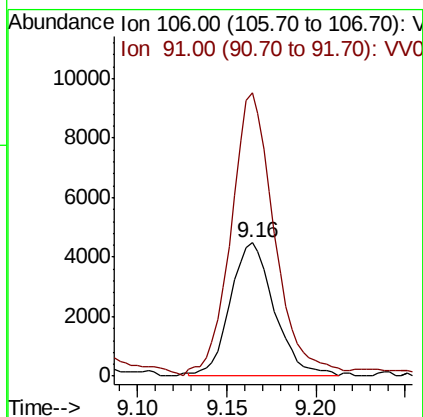
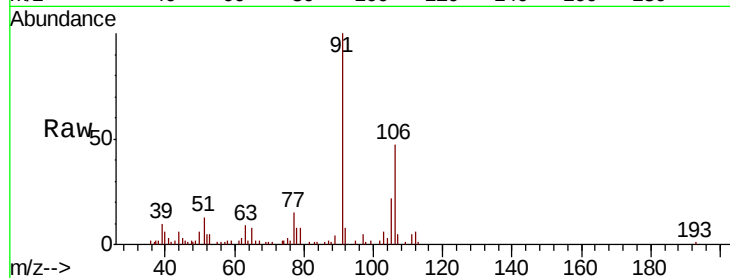




#53
m,p-Xylene
Concen: 1.691 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV016559.D
Acq: 06 Jun 2020 01:17

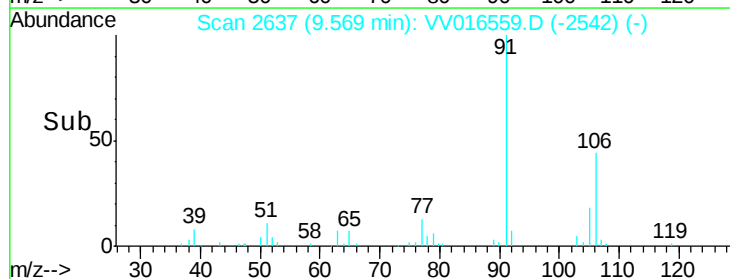
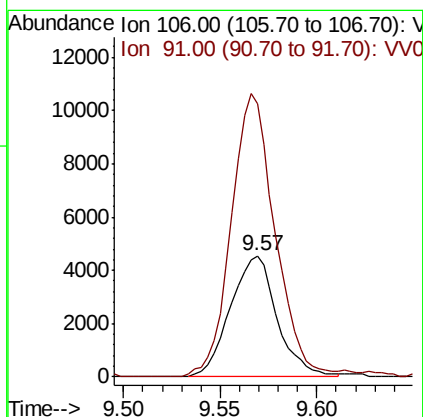
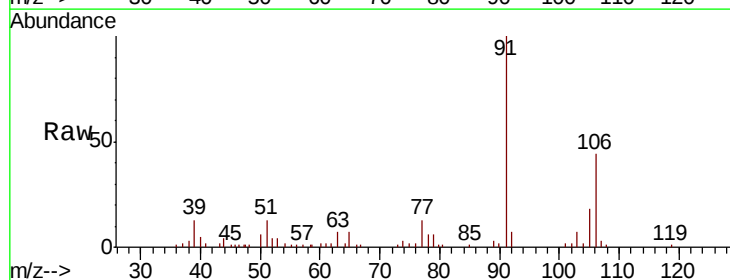
Instrument :
MSVOA_V
ClientSampled :

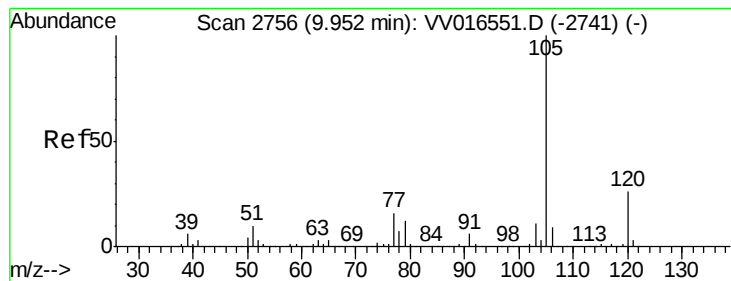
Tot Ion:106 Resp: 7754
Ion Ratio Lower Upper
106 100
91 212.1 142.5 264.6



#54
o-xylene
Concen: 1.727 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.01 min
Lab File: VV016559.D
Acq: 06 Jun 2020 01:17

Tgt Ion:106 Resp: 7669
Ion Ratio Lower Upper
106 100
91 225.4 152.5 283.1





#56

Isopropylbenzene

Concen: 0.784 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV016559.D

Acq: 06 Jun 2020 01:17

Instrument :
MSVOA_V
ClientSampleId :

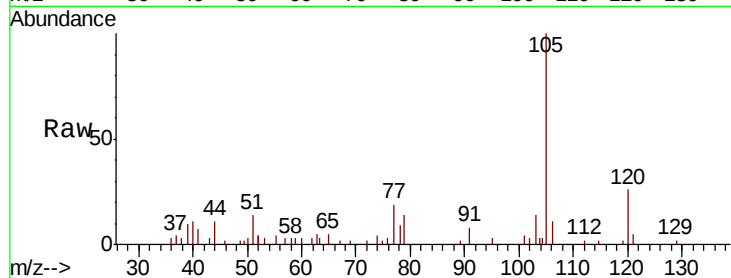
Tot Ion:105 Resp: 9041

Ion Ratio Lower Upper

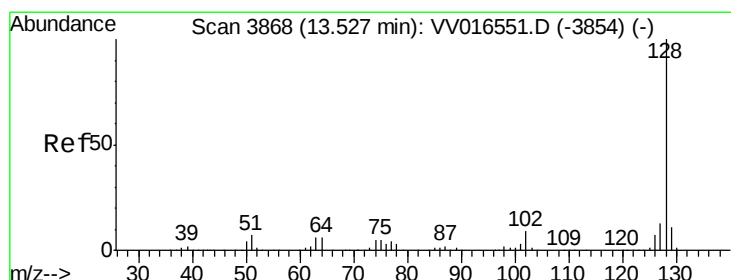
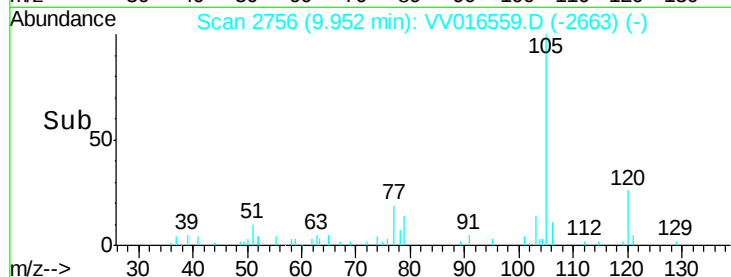
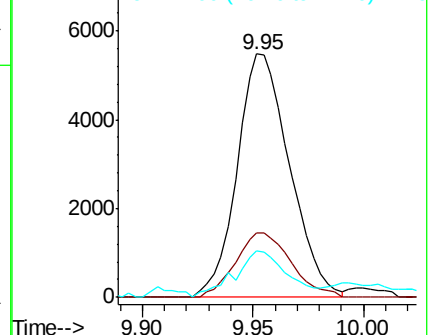
105 100

120 27.8 21.0 31.6

77 15.4 13.0 19.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): V



#69

Naphthalene

Concen: 1.083 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016559.D

Acq: 06 Jun 2020 01:17

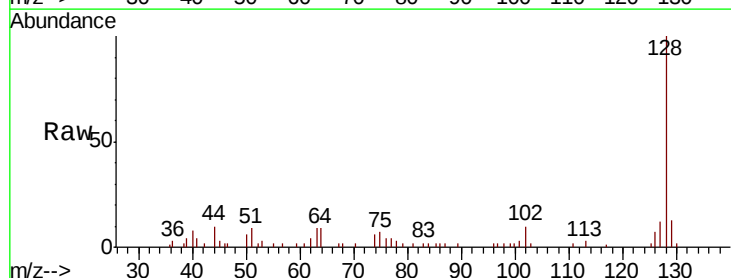
Tgt Ion:128 Resp: 11415

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.4

129 12.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

