

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016674.D
 Acq On : 08 Jun 2020 21:22
 Operator : SY/MD
 Sample : L2861-15DL2 250X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E48DL2

Quant Time: Jun 09 03:31:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:29:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	320070	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	296216	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146653	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	105468	46.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.40%
7) Chloroethane-d5	1.56	69	74737	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.30%
11) 1,1-Dichloroethene-d2	2.12	63	143312	37.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.58%
21) 2-Butanone-d5	3.89	46	185776	111.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.14%
24) Chloroform-d	4.37	84	232254	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.14%
26) 1,2-Dichloroethane-d4	5.05	65	163340	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.58%
32) Benzene-d6	5.07	84	456890	53.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.02%
36) 1,2-Dichloropropane-d6	6.09	67	143263	53.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.64%
41) Toluene-d8	7.34	98	410028	52.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.66%
43) trans-1,3-Dichloropropene-	7.64	79	66767	48.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.32%
47) 2-Hexanone-d5	8.11	63	125742	108.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	191655	54.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	172442	55.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

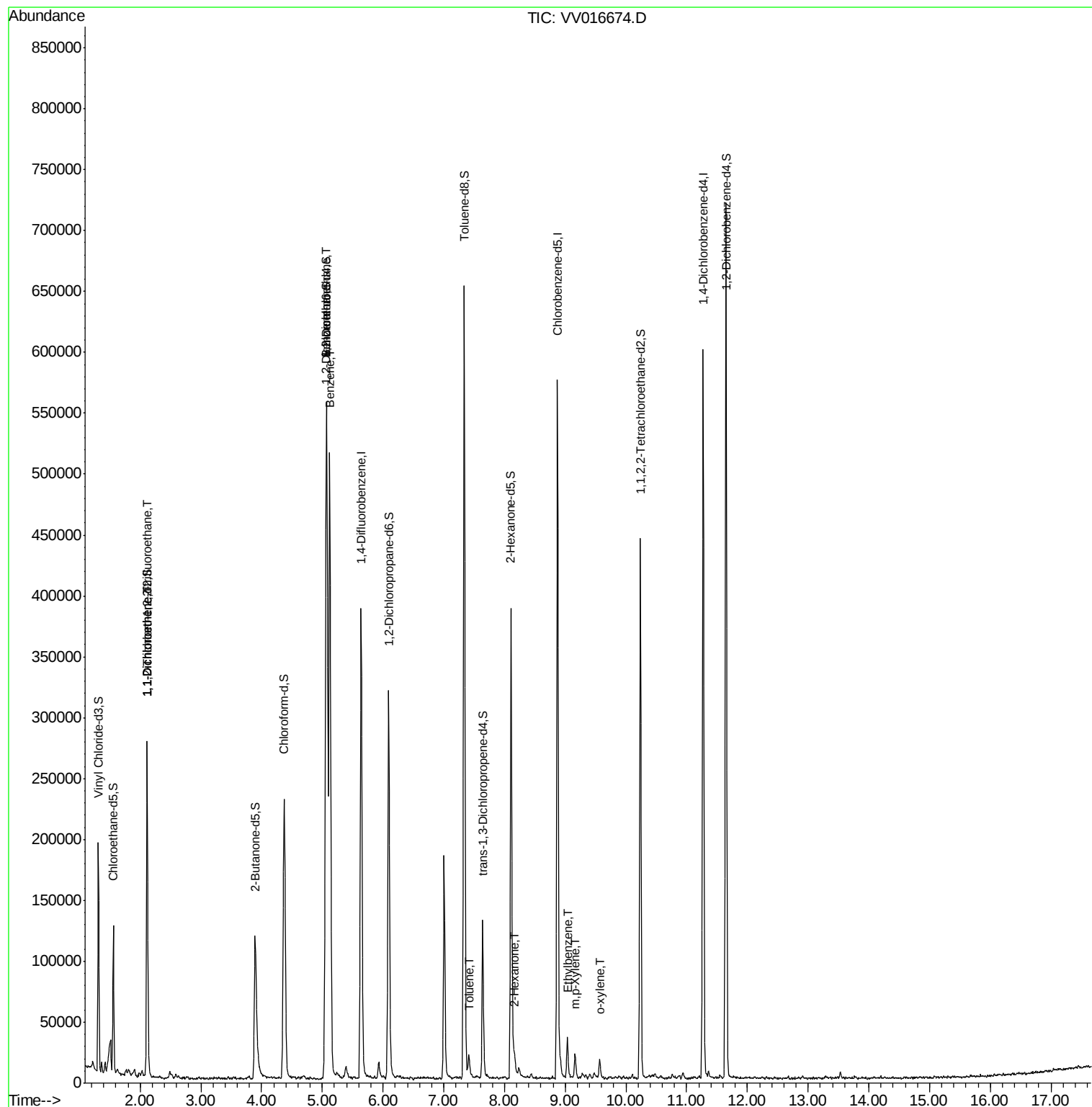
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1383	0.813 ug/L #	25
12) 1,1-Dichloroethene	2.12	96	1334	0.840 ug/L #	1
27) 1,2-Dichloroethane	5.08	62	2905	0.827 ug/L	99
33) Benzene	5.12	78	502660	57.354 ug/L	100
42) Toluene	7.41	91	12633	1.367 ug/L	94
48) 2-Hexanone	8.17	43	8510	3.398 ug/L #	86
52) Ethylbenzene	9.04	91	22497	2.198 ug/L	97
53) m,p-Xylene	9.16	106	5064	1.329 ug/L	96
54) o-xylene	9.57	106	3847	1.024 ug/L	99

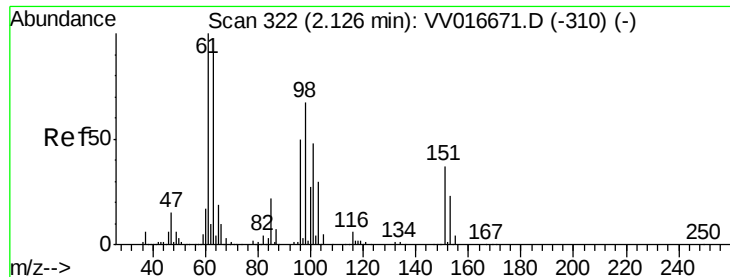
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 03:29:34 2020
Response via : Initial Calibration





#10

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

Concen: 0.813 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.02 min

Lab File: VV016674.D

Acq: 08 Jun 2020 21:22

Instrument :

MSVOA_V

ClientSampleId :

F9E48DL2

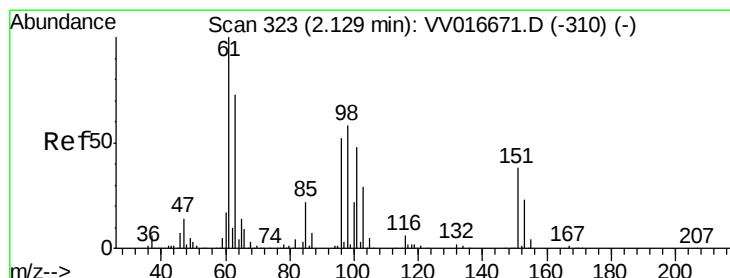
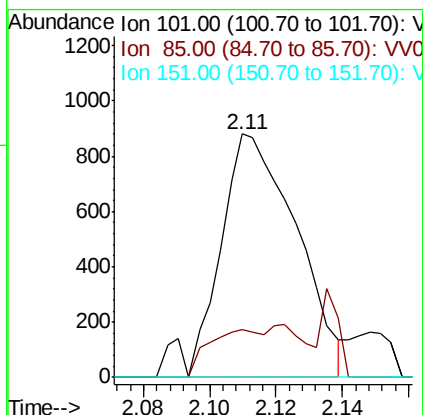
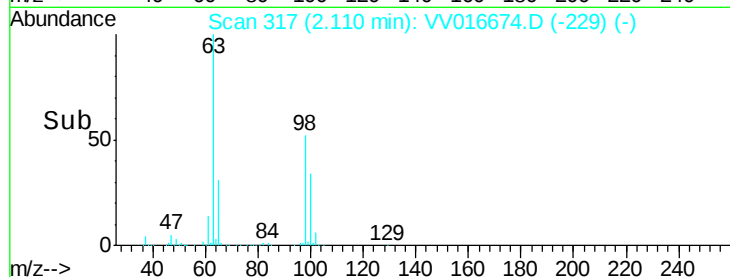
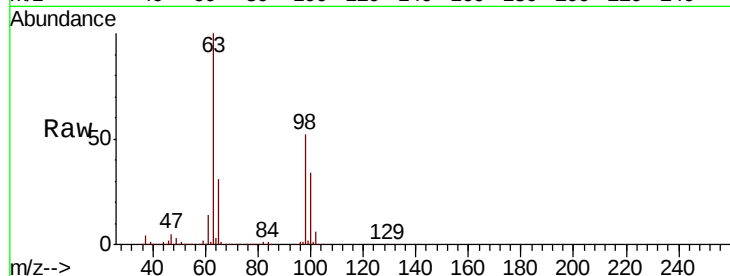
Tot Ion:101 Resp: 1383

Ion Ratio Lower Upper

101 100

85 14.5 35.5 53.3#

151 0.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.840 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016674.D

Acq: 08 Jun 2020 21:22

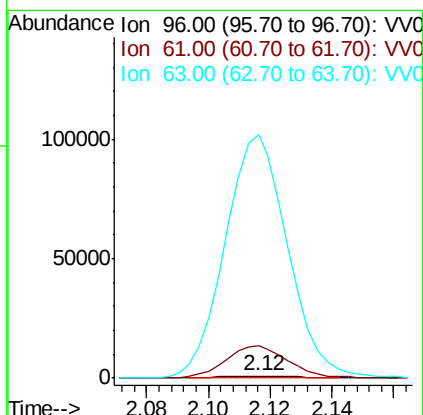
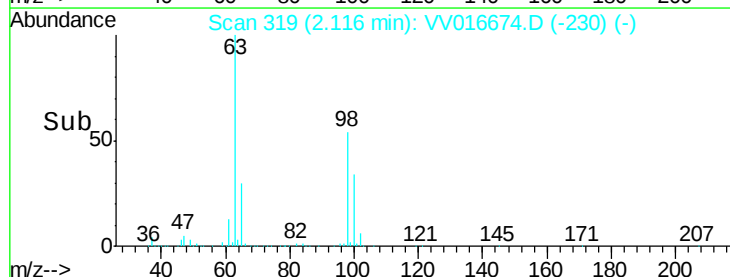
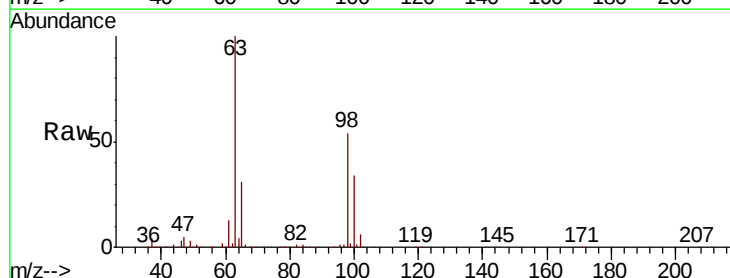
Tgt Ion: 96 Resp: 1334

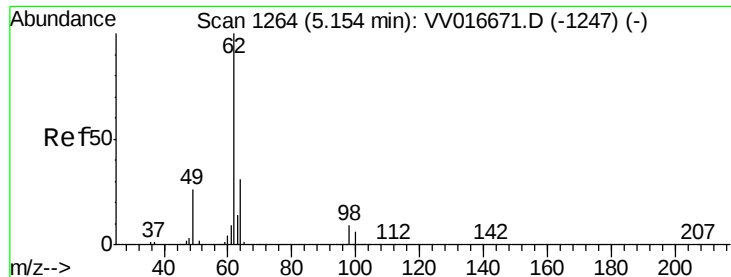
Ion Ratio Lower Upper

96 100

61 1595.5 130.4 242.2#

63 12171.1 103.3 191.9#





#27

1,2-Dichloroethane

Concen: 0.827 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

Lab File: VV016674.D

Acq: 08 Jun 2020 21:22

Instrument :

MSVOA_V

ClientSampleId :

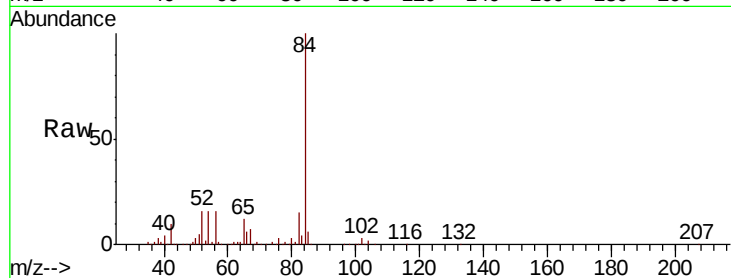
F9E48DL2

Tot Ion: 62 Resp: 2905

Ion Ratio Lower Upper

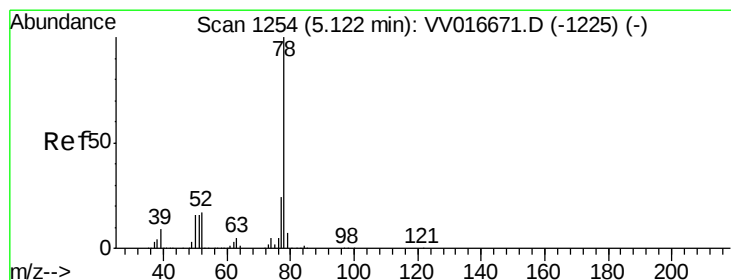
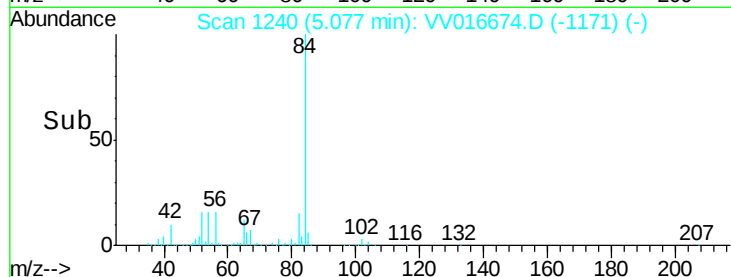
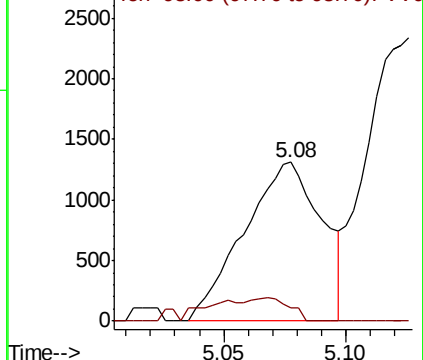
62 100

98 8.8 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#33

Benzene

Concen: 57.354 ug/L

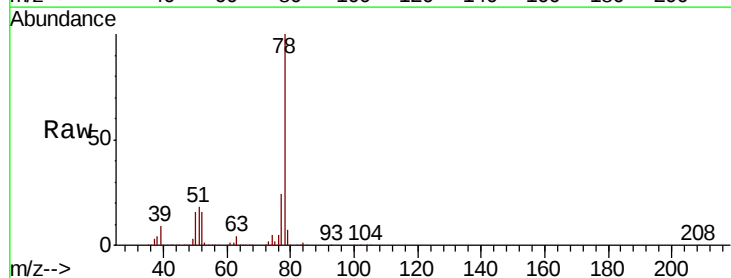
RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

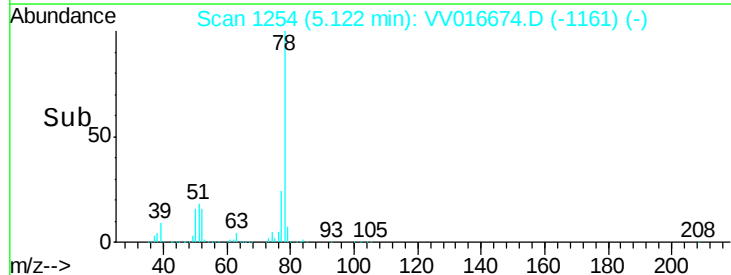
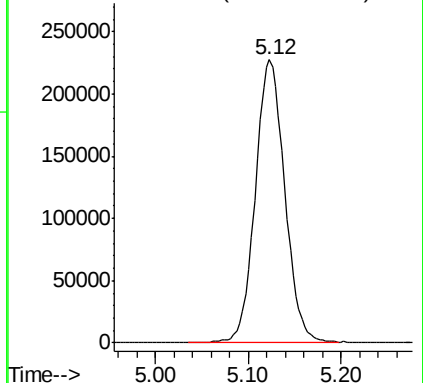
Lab File: VV016674.D

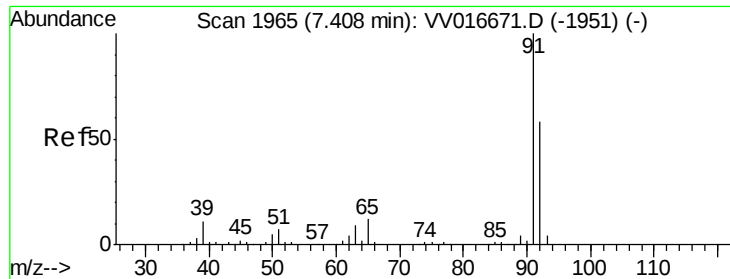
Acq: 08 Jun 2020 21:22

Tgt Ion: 78 Resp: 502660



Abundance Ion 78.00 (77.70 to 78.70): VV0





#42

Toluene

Concen: 1.367 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016674.D

Acq: 08 Jun 2020 21:22

Instrument :

MSVOA_V

ClientSampleId :

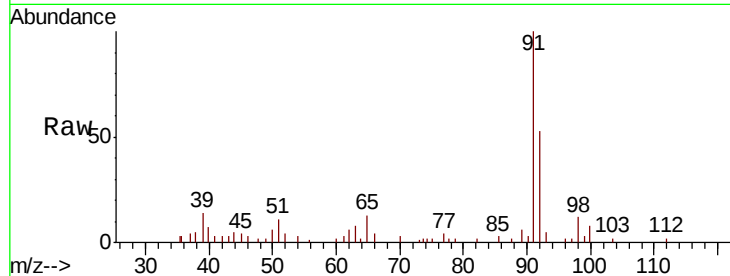
F9E48DL2

Tot Ion: 91 Resp: 12633

Ion Ratio Lower Upper

91 100

92 53.0 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV016674.D (-1951) (-)

Ion 92.00 (91.70 to 92.70): VV016674.D (-1951) (-)

7.41

6000

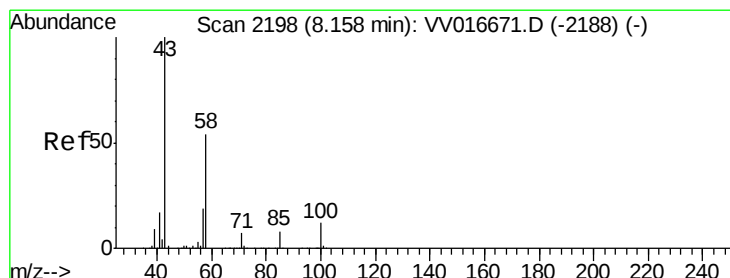
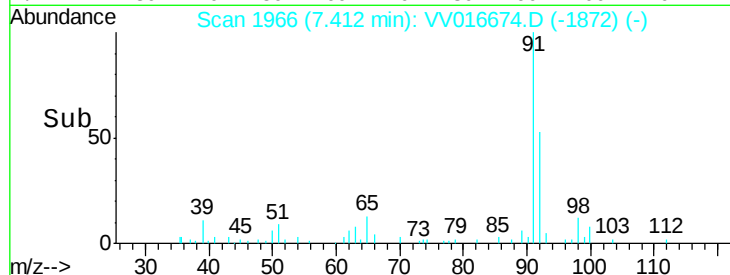
4000

2000

0

7.35 7.40 7.45

Time-->



#48

2-Hexanone

Concen: 3.398 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016674.D

Acq: 08 Jun 2020 21:22

Tgt Ion: 43 Resp: 8510

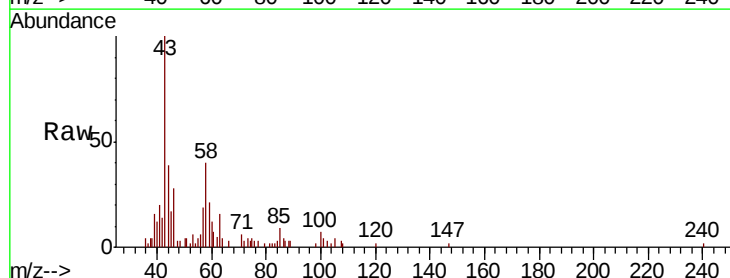
Ion Ratio Lower Upper

43 100

58 42.0 43.1 64.7#

57 14.9 15.3 22.9#

100 8.3 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VV016674.D (-2188) (-)

Ion 58.00 (57.70 to 58.70): VV016674.D (-2188) (-)

Ion 57.00 (56.70 to 57.70): VV016674.D (-2188) (-)

Ion 100.00 (99.70 to 100.70): VV016674.D (-2188) (-)

8.17

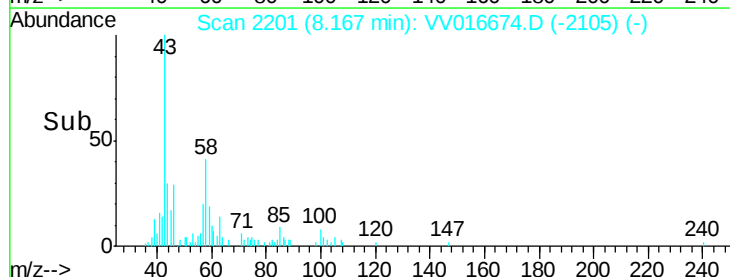
10000

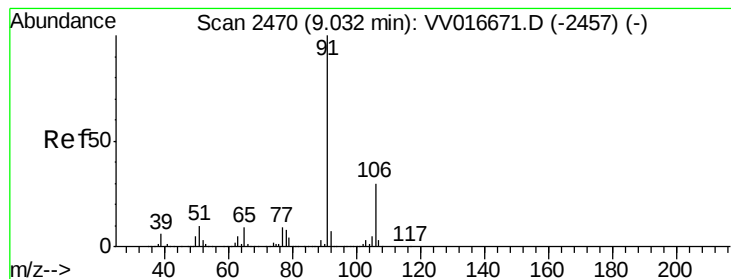
5000

0

8.15 8.20

Time-->





#52

Ethylbenzene

Concen: 2.198 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016674.D

Acq: 08 Jun 2020 21:22

Instrument :

MSVOA_V

ClientSampleId :

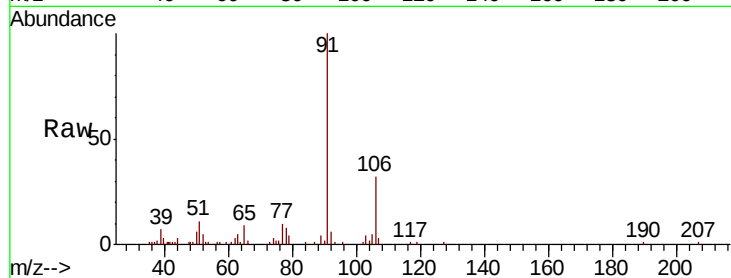
F9E48DL2

Tot Ion: 91 Resp: 22497

Ion Ratio Lower Upper

91 100

106 31.6 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VV016674.D (-2377) (-)

Ion 106.00 (105.70 to 106.70): VV016674.D (-2377) (-)

15000

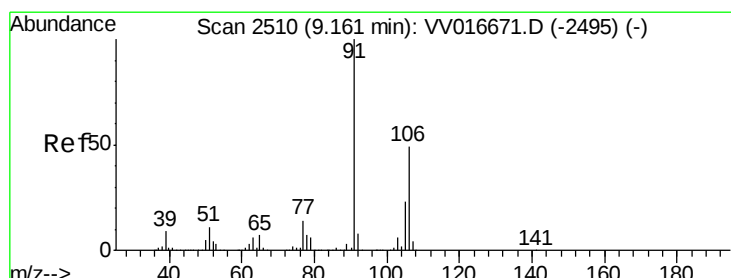
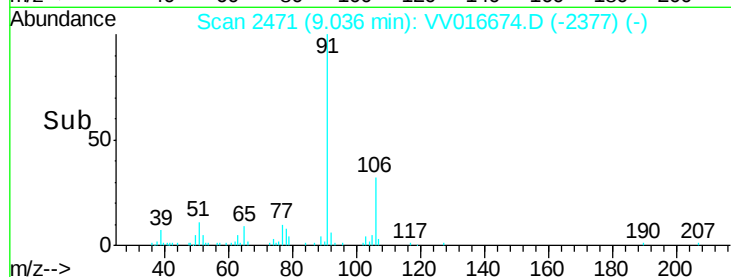
10000

5000

0

9.00 9.05 9.10

Time-->



#53

m,p-Xylene

Concen: 1.329 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016674.D

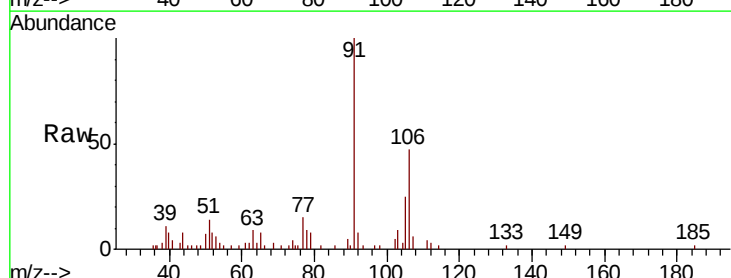
Acq: 08 Jun 2020 21:22

Tgt Ion: 106 Resp: 5064

Ion Ratio Lower Upper

106 100

91 212.3 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): VV016674.D (-2417) (-)

Ion 91.00 (90.70 to 91.70): VV016674.D (-2417) (-)

6000

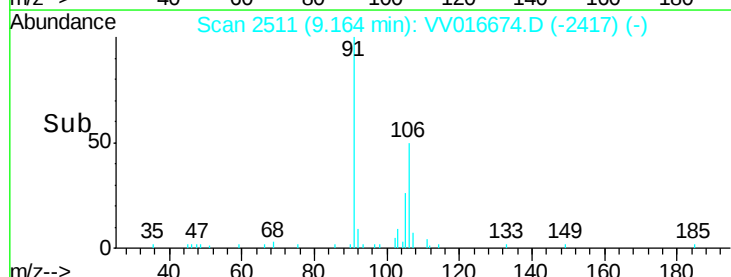
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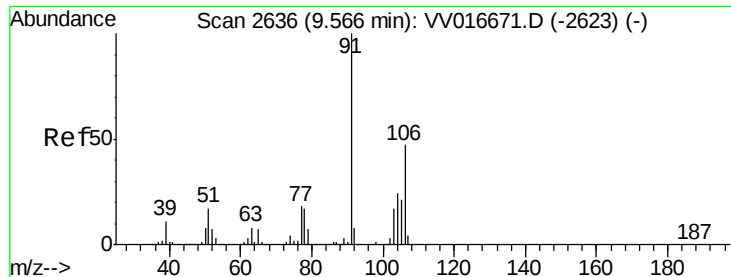
2000

0

9.15 9.20

Time-->





#54
 o-xylene
 Concen: 1.024 ug/L
 RT: 9.57 min Scan# 2637
 Delta R.T. 0.00 min
 Lab File: VV016674.D
 Acq: 08 Jun 2020 21:22

Instrument :
 MSVOA_V
 ClientSampleID :
 F9E48DL2

Tot Ion:106 Resp: 3847
 Ion Ratio Lower Upper
 106 100
 91 221.8 155.9 289.5

