

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016665.D
 Acq On : 08 Jun 2020 17:25
 Operator : SY/MD
 Sample : L2861-07DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E39DL

Quant Time: Jun 09 01:09:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 01:02:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	367180	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342050	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169244	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	114504	44.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.38%
7) Chloroethane-d5	1.56	69	83181	53.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.02%
11) 1,1-Dichloroethene-d2	2.12	63	156547	35.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.96%
21) 2-Butanone-d5	3.89	46	196734	102.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.59%
24) Chloroform-d	4.37	84	247621	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.05	65	178357	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
32) Benzene-d6	5.07	84	502345	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
36) 1,2-Dichloropropane-d6	6.09	67	157394	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.42%
41) Toluene-d8	7.34	98	456427	50.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.88%
43) trans-1,3-Dichloropropene-	7.64	79	76993	48.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.20%
47) 2-Hexanone-d5	8.11	63	136896	102.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	212191	52.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	192035	53.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.34%

Target Compounds

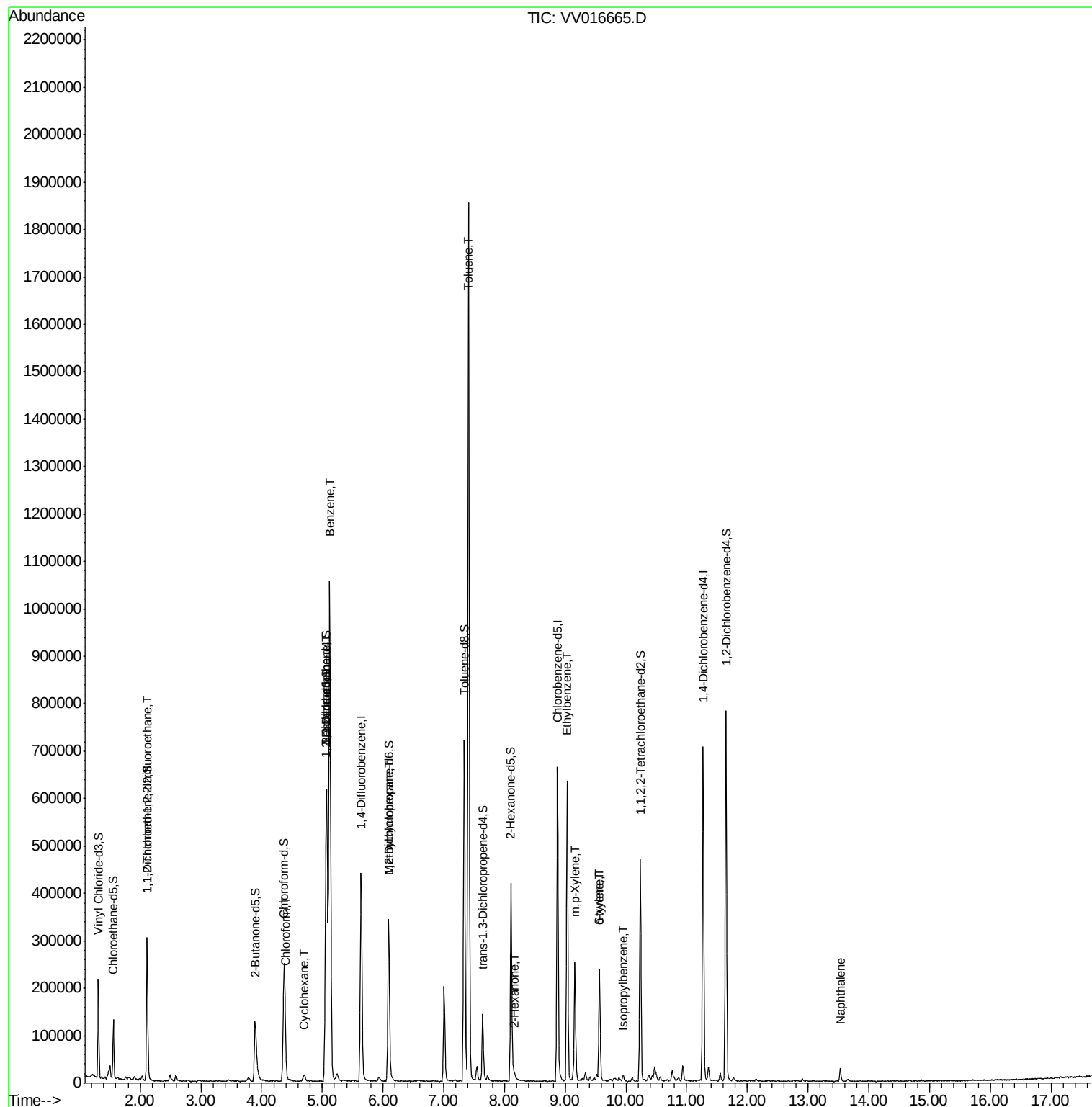
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1390	0.712	ug/L #	20
25) Chloroform	4.40	83	4734	0.985	ug/L	83
27) 1,2-Dichloroethane	5.07	62	3447	0.855	ug/L	95
29) Cyclohexane	4.70	56	7795	1.834	ug/L	94
33) Benzene	5.12	78	1011998	99.997	ug/L	100
35) Methylcyclohexane	6.09	83	38681	9.084	ug/L #	16
42) Toluene	7.41	91	1285102	120.456	ug/L	100
48) 2-Hexanone	8.17	43	7493	2.591	ug/L #	89
52) Ethylbenzene	9.03	91	425787	36.032	ug/L	98
53) m,p-Xylene	9.16	106	68074	15.472	ug/L	99
54) o-xylene	9.57	106	61596	14.195	ug/L	92
55) Styrene	9.57	104	5082	0.693	ug/L #	1
56) Isopropylbenzene	9.96	105	8111	0.696	ug/L #	94
69) Naphthalene	13.53	128	19251	1.825	ug/L	97

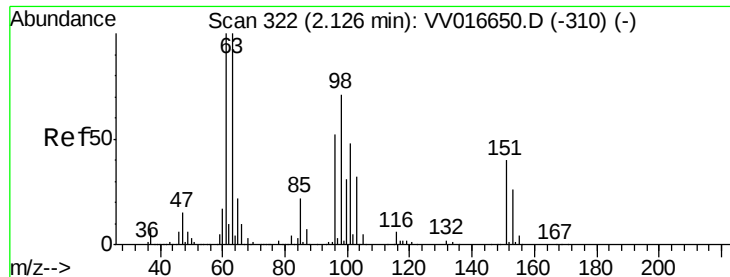
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060820\
Data File : VV016665.D
Acq On : 08 Jun 2020 17:25
Operator : SY/MD
Sample : L2861-07DL 100X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E39DL

Quant Time: Jun 09 01:09:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 09 01:02:25 2020
Response via : Initial Calibration





#10

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

Concen: 0.712 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016665.D

Acq: 08 Jun 2020 17:25

Instrument :

MSVOA_V

ClientSampleId :

F9E39DL

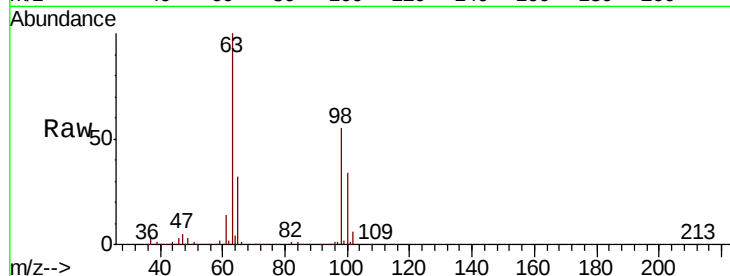
Tot Ion:101 Resp: 1390

Ion Ratio Lower Upper

101 100

85 5.5 35.5 53.3#

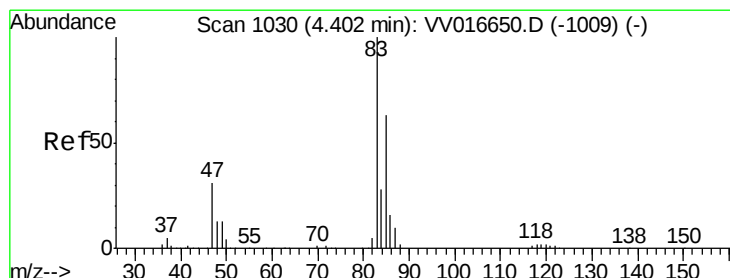
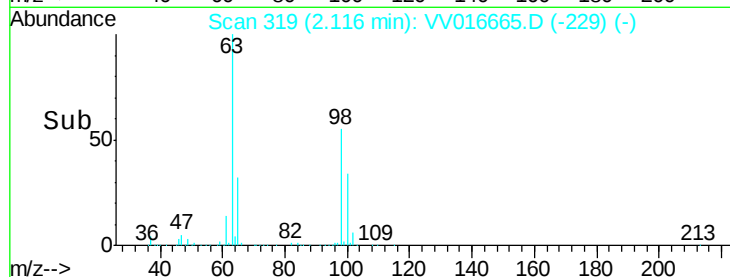
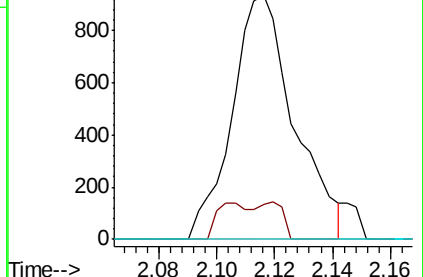
151 0.0 63.9 95.9#



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



#25

Chloroform

Concen: 0.985 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV016665.D

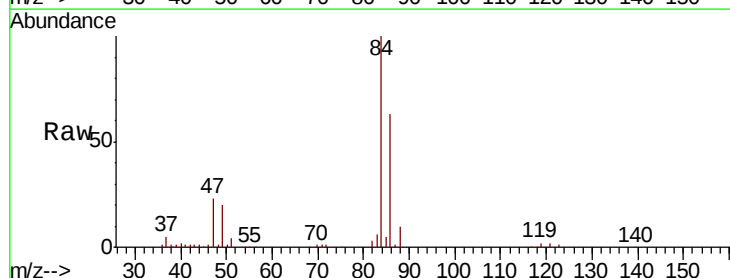
Acq: 08 Jun 2020 17:25

Tgt Ion: 83 Resp: 4734

Ion Ratio Lower Upper

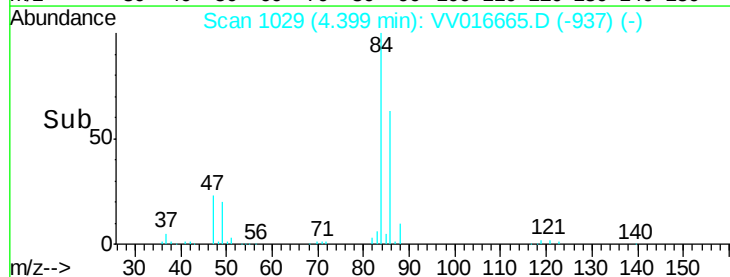
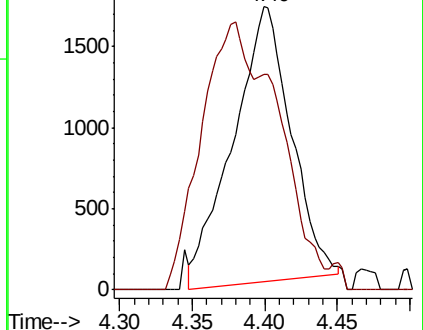
83 100

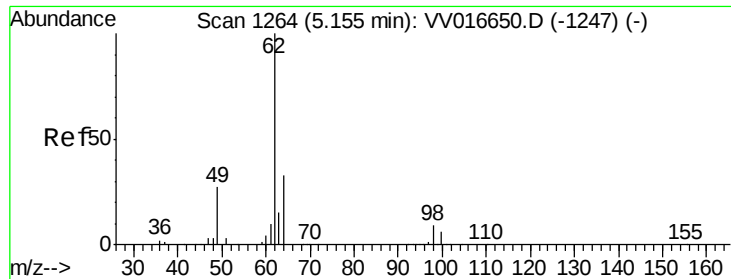
85 76.3 44.1 81.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

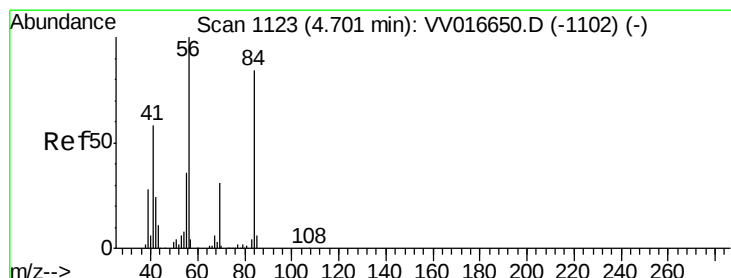
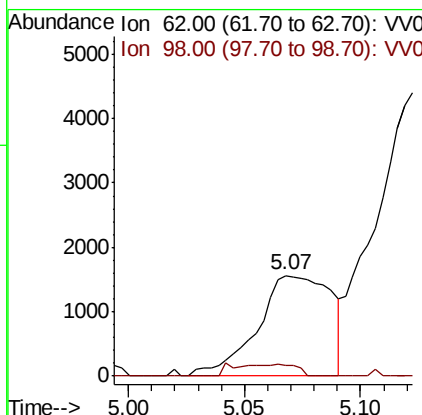
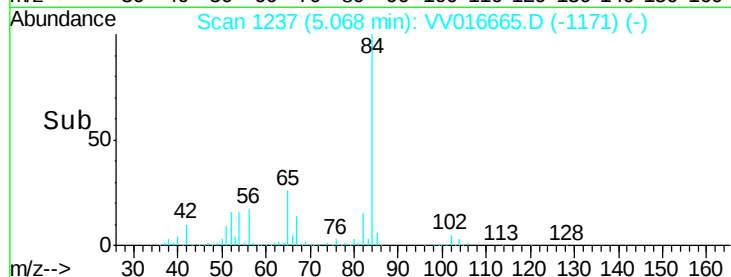
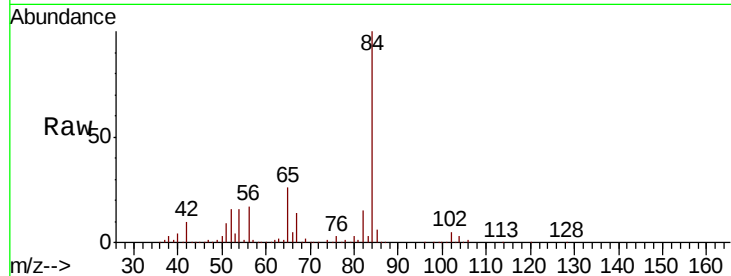




#27
 1,2-Dichloroethane
 Concen: 0.855 ug/L
 RT: 5.07 min Scan# 1237
 Delta R.T. -0.09 min
 Lab File: VV016665.D
 Acq: 08 Jun 2020 17:25

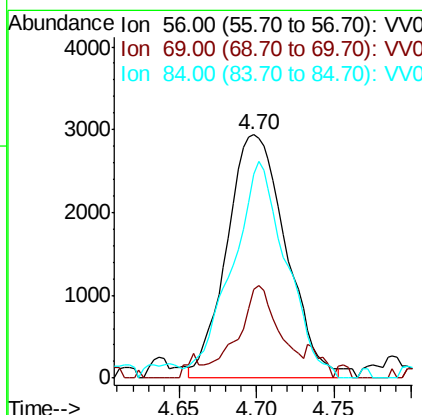
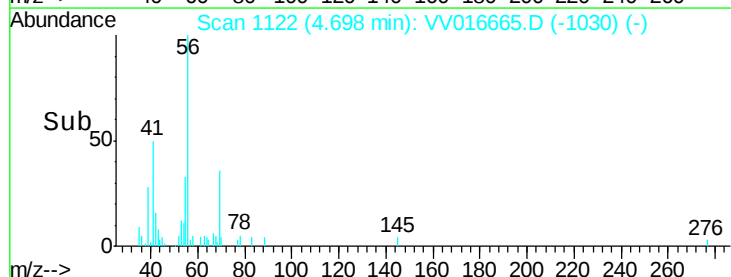
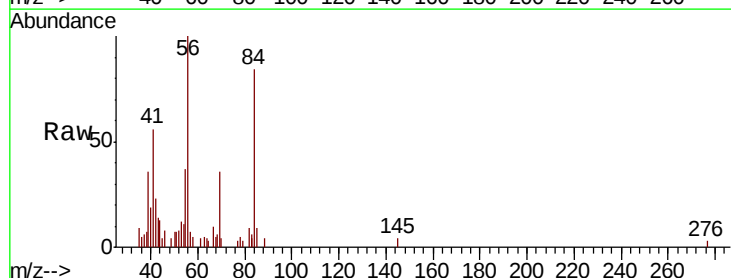
Instrument :
 MSVOA_V
 ClientSampleID :
 F9E39DL

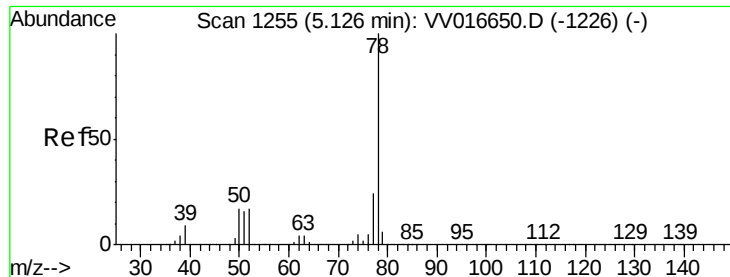
Tot Ion: 62 Resp: 3447
 Ion Ratio Lower Upper
 62 100
 98 11.0 7.4 11.2



#29
 Cyclohexane
 Concen: 1.834 ug/L
 RT: 4.70 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: VV016665.D
 Acq: 08 Jun 2020 17:25

Tgt Ion: 56 Resp: 7795
 Ion Ratio Lower Upper
 56 100
 69 27.3 25.0 37.4
 84 82.3 69.5 104.3





#33

Benzene

Concen: 99.997 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016665.D

Acq: 08 Jun 2020 17:25

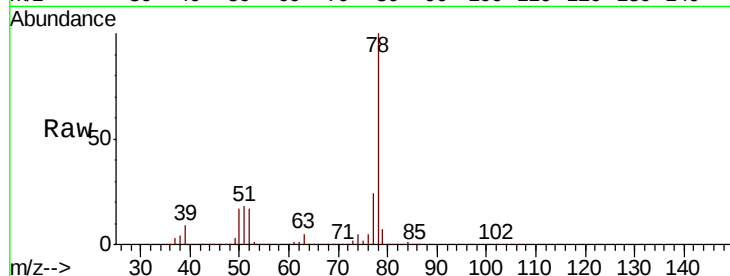
Instrument :

MSVOA_V

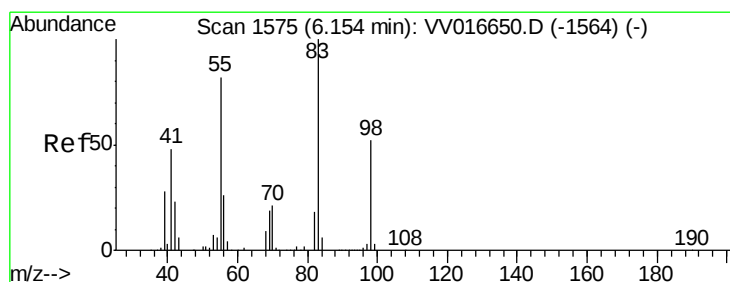
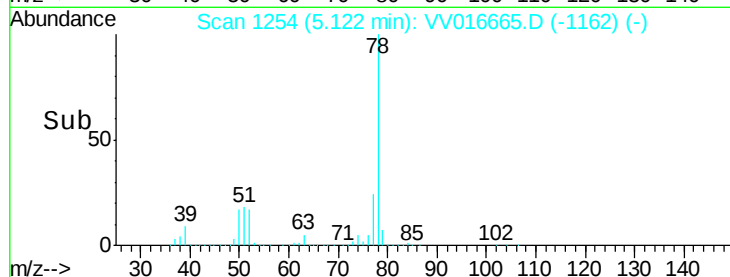
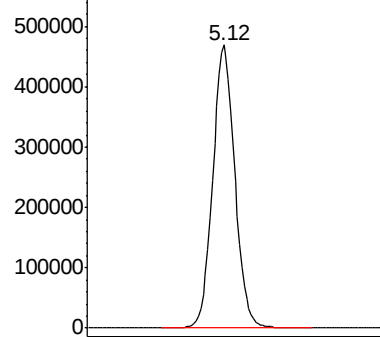
ClientSampleId :

F9E39DL

Tgt Ion: 78 Resp: 1011998



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Methylcyclohexane

Concen: 9.084 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV016665.D

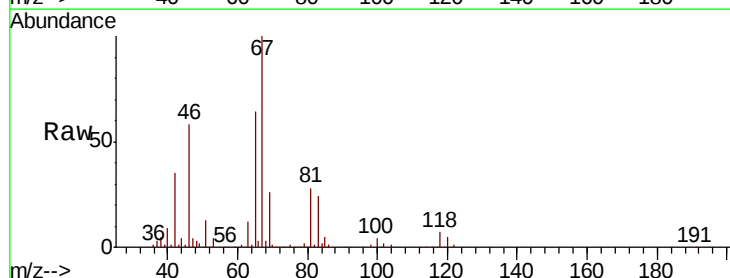
Acq: 08 Jun 2020 17:25

Tgt Ion: 83 Resp: 38681

Ion	Ratio	Lower	Upper
83	100		

55	0.0	64.2	96.2#
----	-----	------	-------

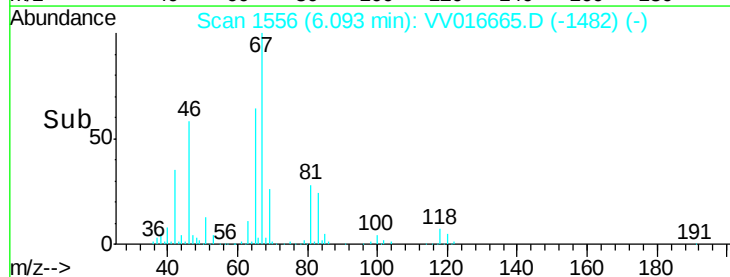
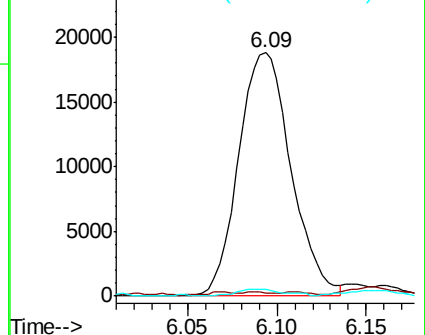
98	0.0	40.3	60.5#
----	-----	------	-------

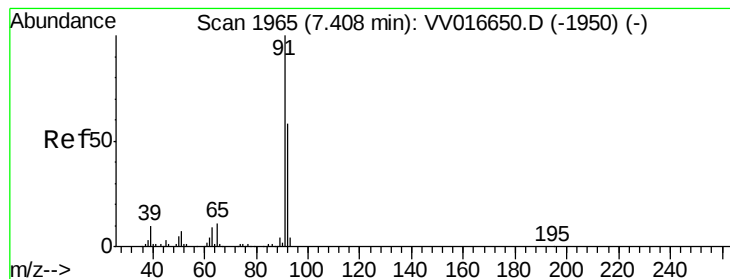


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#42

Toluene

Concen: 120.456 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV016665.D

Acq: 08 Jun 2020 17:25

Instrument :

MSVOA_V

ClientSampleId :

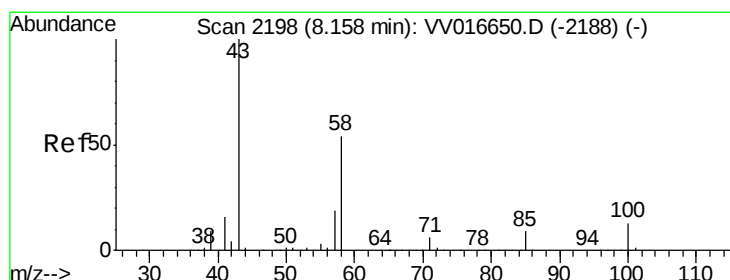
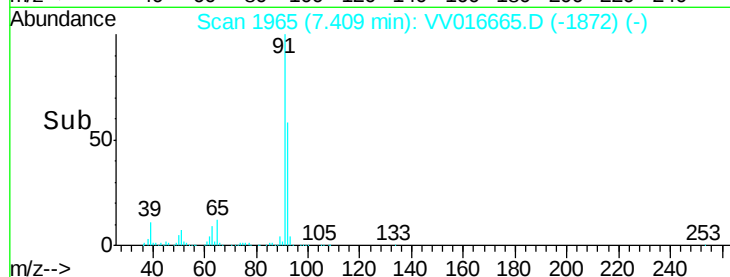
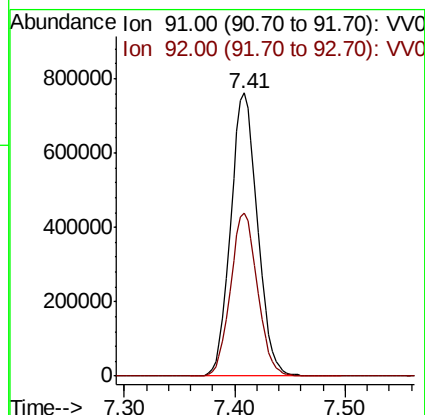
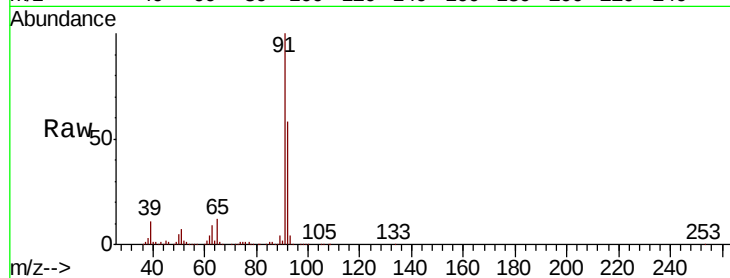
F9E39DL

Tot Ion: 91 Resp: 1285102

Ion Ratio Lower Upper

91 100

92 57.8 40.4 75.0



#48

2-Hexanone

Concen: 2.591 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV016665.D

Acq: 08 Jun 2020 17:25

Tgt Ion: 43 Resp: 7493

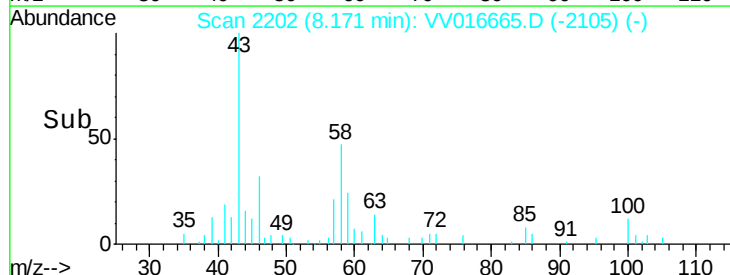
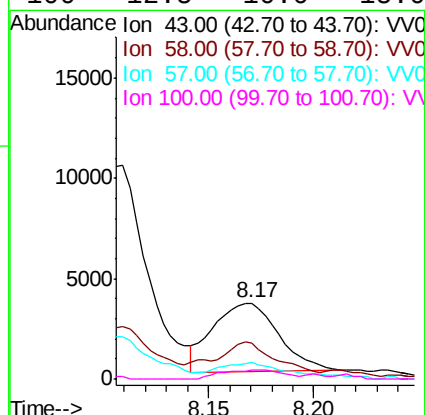
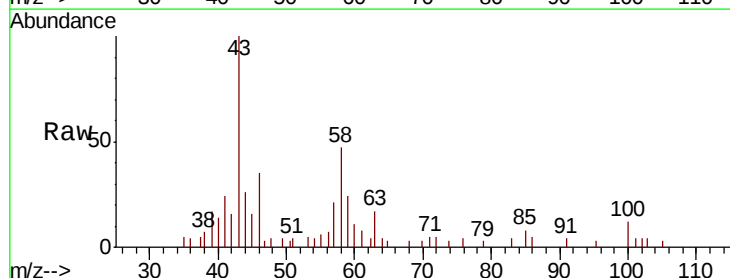
Ion Ratio Lower Upper

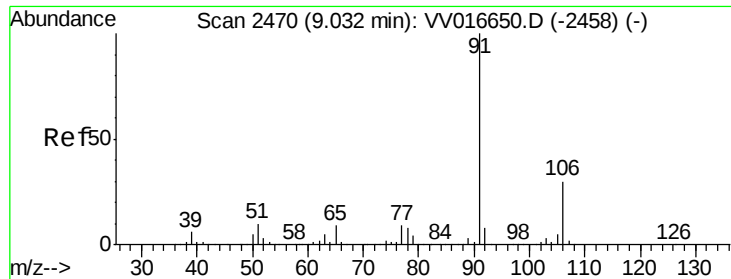
43 100

58 44.1 43.1 64.7

57 14.5 15.3 22.9#

100 12.5 10.0 15.0

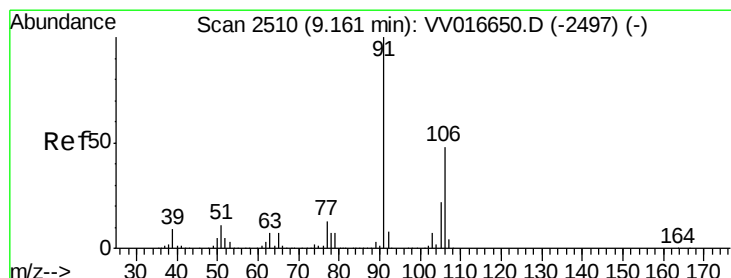
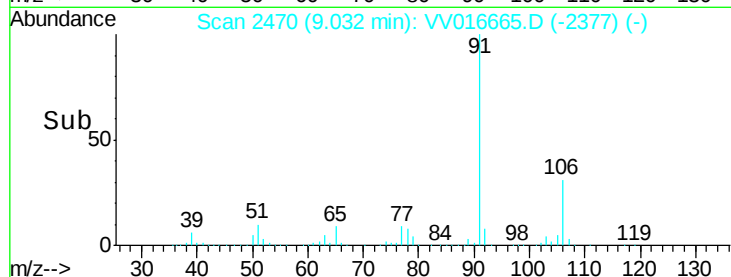
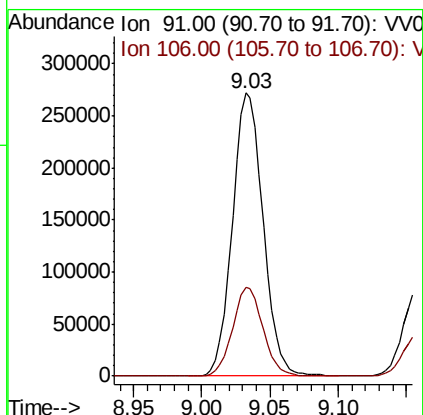
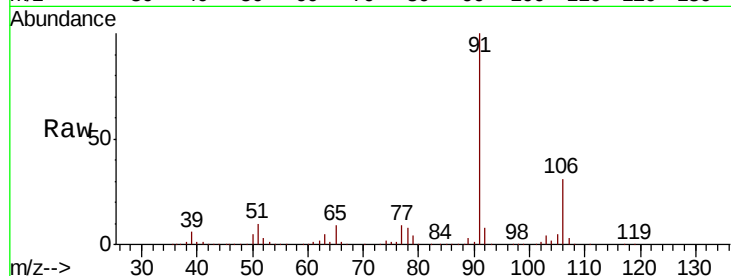




#52
Ethylbenzene
Concen: 36.032 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV016665.D
Acq: 08 Jun 2020 17:25

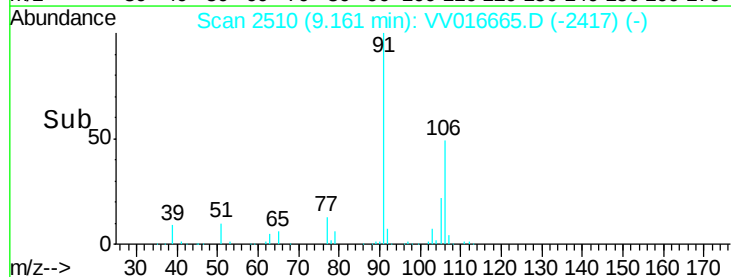
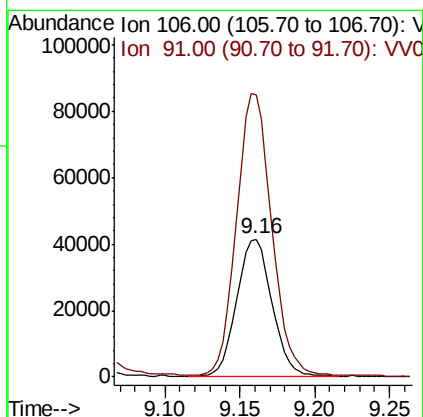
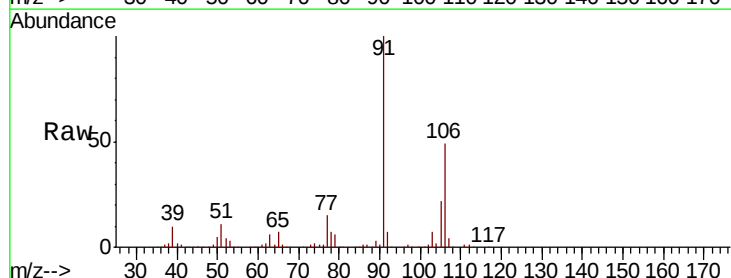
Instrument :
MSVOA_V
ClientSampleId :
F9E39DL

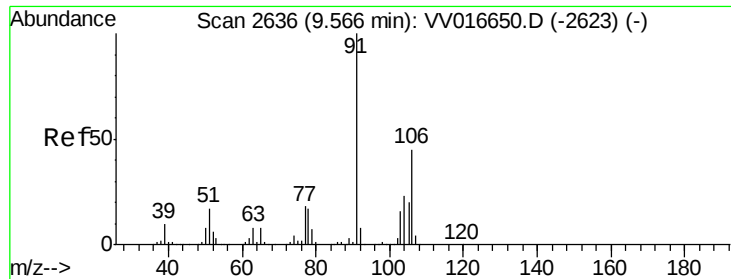
Tot Ion: 91 Resp: 425787
Ion Ratio Lower Upper
91 100
106 31.4 21.1 39.1



#53
m,p-Xylene
Concen: 15.472 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016665.D
Acq: 08 Jun 2020 17:25

Tgt Ion: 106 Resp: 68074
Ion Ratio Lower Upper
106 100
91 205.5 144.6 268.6





#54

o-xylene

Concen: 14.195 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016665.D

Acq: 08 Jun 2020 17:25

Instrument :

MSVOA_V

ClientSampled :

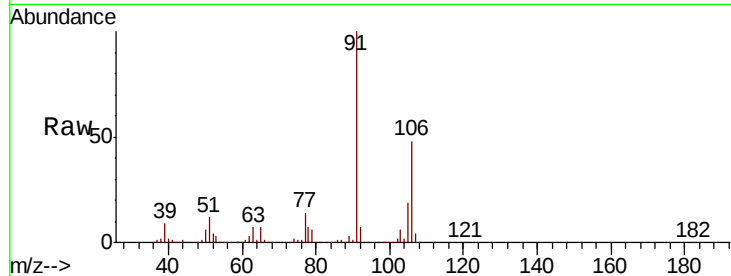
F9E39DL

Tot Ion:106 Resp: 61596

Ion Ratio Lower Upper

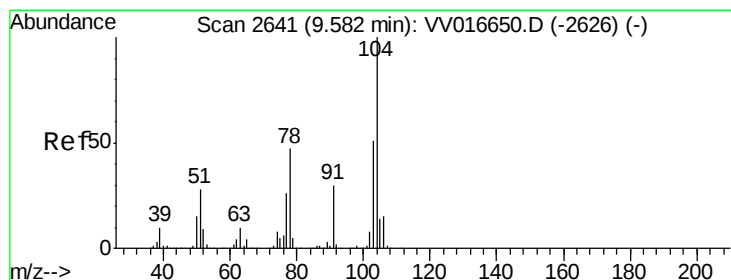
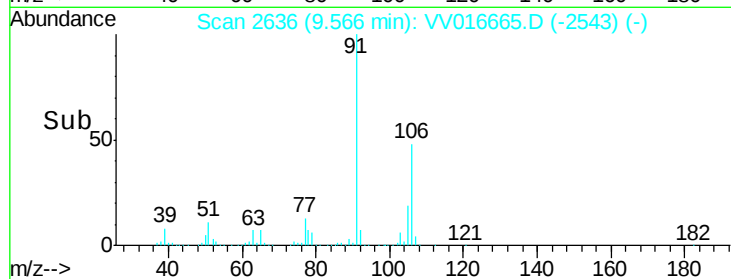
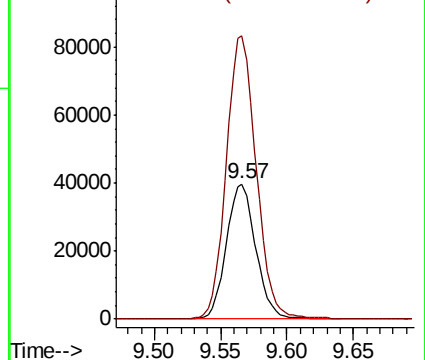
106 100

91 209.0 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 0.693 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. -0.01 min

Lab File: VV016665.D

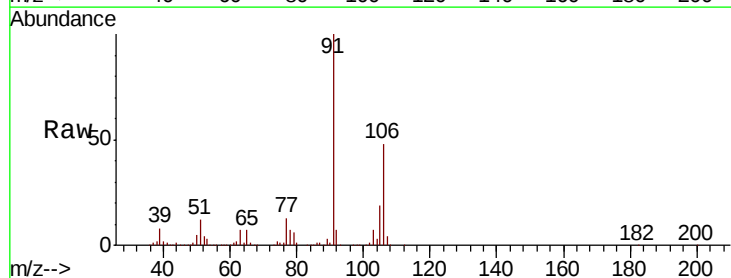
Acq: 08 Jun 2020 17:25

Tgt Ion:104 Resp: 5082

Ion Ratio Lower Upper

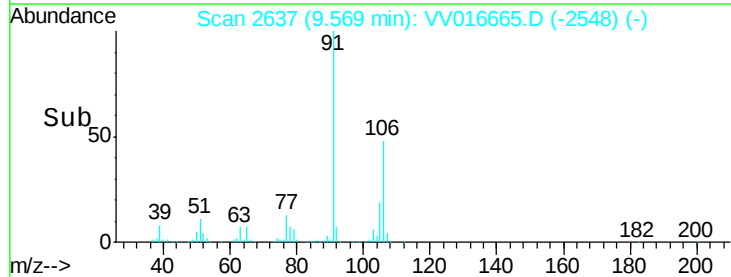
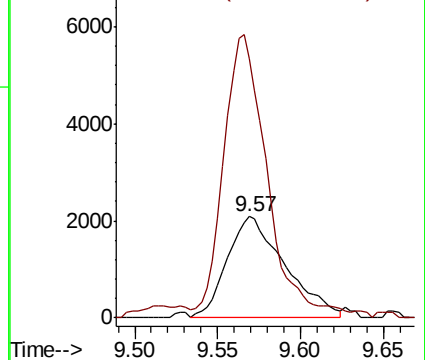
104 100

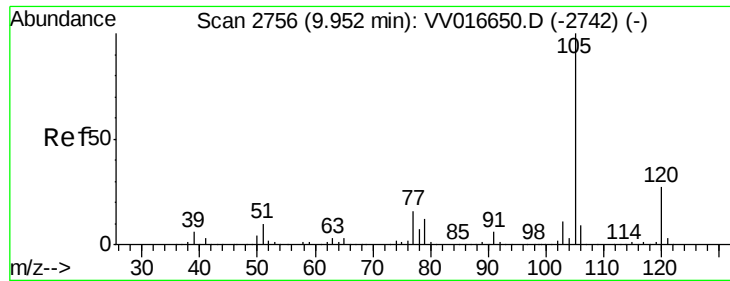
78 255.5 32.6 60.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 0.696 ug/L

RT: 9.96 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV016665.D

Acq: 08 Jun 2020 17:25

Instrument :

MSVOA_V

ClientSampleId :

F9E39DL

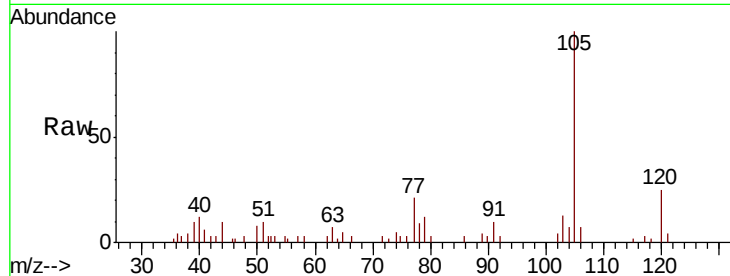
Tot Ion:105 Resp: 8111

Ion Ratio Lower Upper

105 100

120 28.5 21.2 31.8

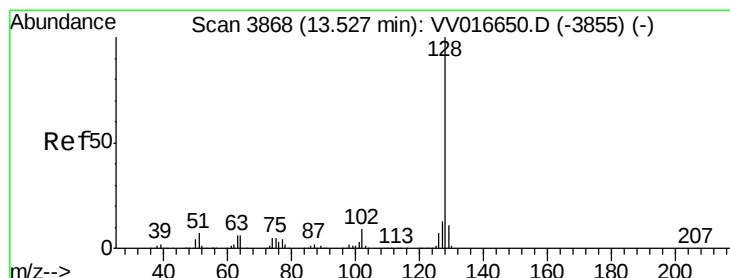
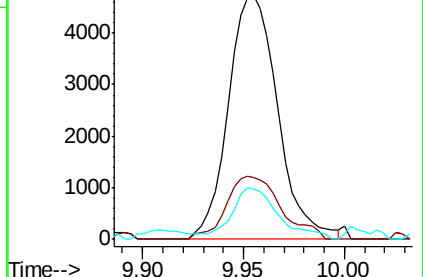
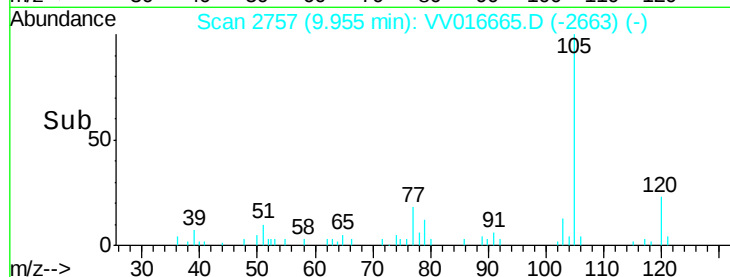
77 20.0 13.0 19.4#



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: 1.825 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016665.D

Acq: 08 Jun 2020 17:25

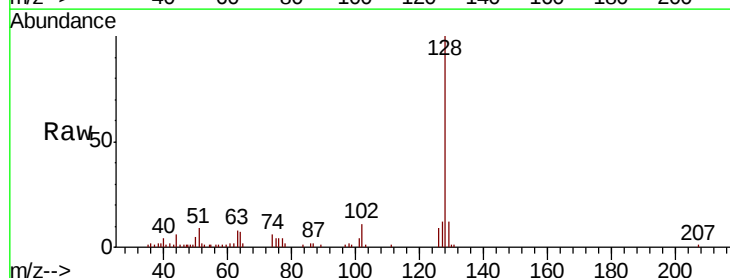
Tgt Ion:128 Resp: 19251

Ion Ratio Lower Upper

128 100

127 12.0 10.5 15.7

129 12.2 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

