

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017749.D
 Acq On : 30 Jul 2020 14:27
 Operator : SY/MD
 Sample : L3395-05ME
 Misc : 5.56µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAY15ME

Quant Time: Jul 31 02:38:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 02:37:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	374489	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	370956	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	190988	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	77727	42.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.12%
7) Chloroethane-d5	1.58	69	63442	40.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.38%
11) 1,1-Dichloroethene-d2	2.10	63	145273	33.10	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.20%
21) 2-Butanone-d5	3.93	46	100534	73.21	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.21%
24) Chloroform-d	4.37	84	220035	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.18%
26) 1,2-Dichloroethane-d4	5.05	65	171142	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
32) Benzene-d6	5.07	84	395952	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
36) 1,2-Dichloropropane-d6	6.09	67	124852	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.02%
41) Toluene-d8	7.34	98	398285	46.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.56%
43) trans-1,3-Dichloropropene-	7.64	79	70042	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.44%
47) 2-Hexanone-d5	8.14	63	91821	88.14	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.14%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	150330	41.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	177862	47.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.88%

Target Compounds

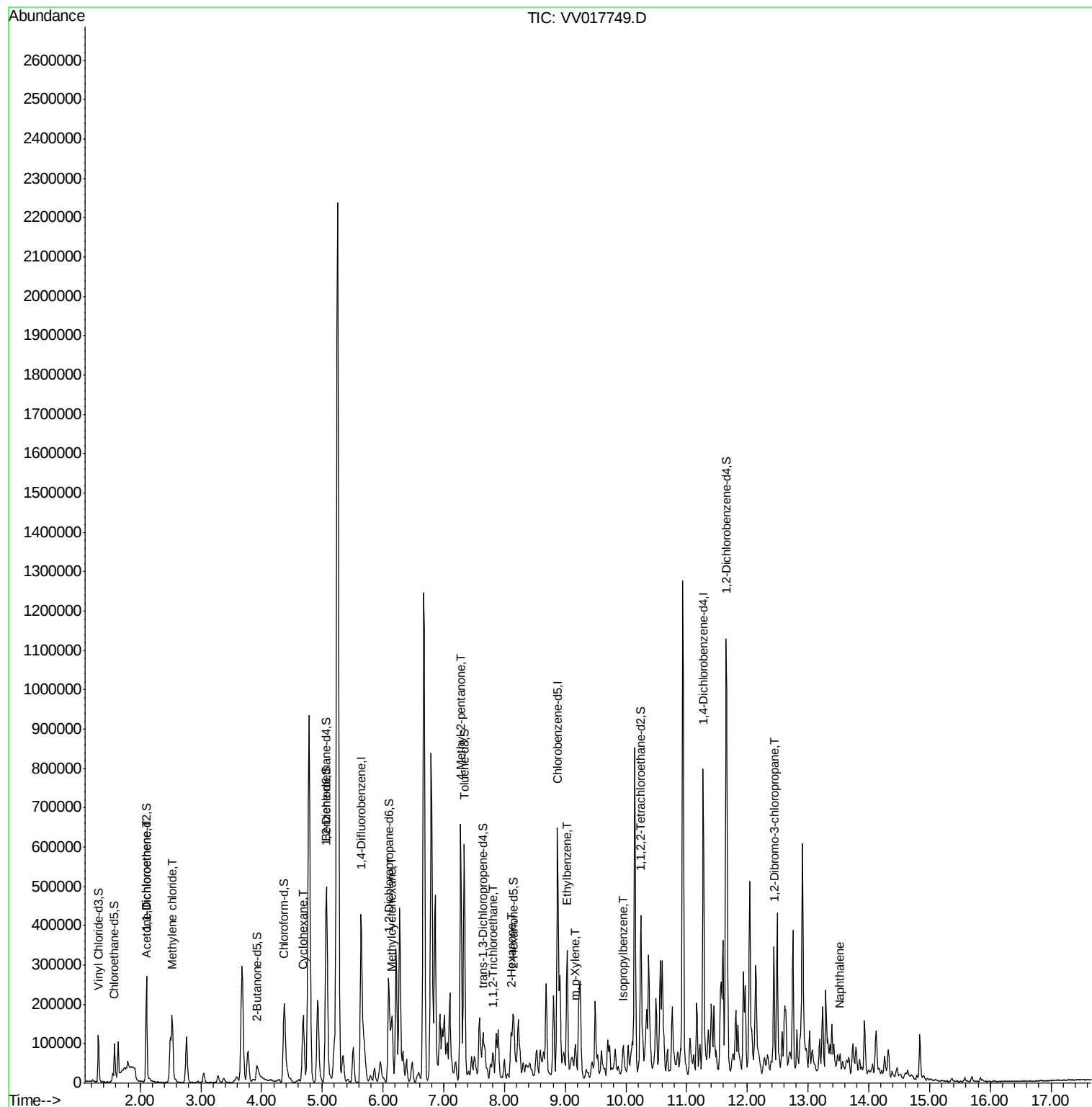
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.11	96	1560	0.692	ug/L #	1
13) Acetone	2.12	43	1853	1.063	ug/L	66
16) Methylene chloride	2.52	84	4894	1.841	ug/L #	75
29) Cyclohexane	4.68	56	37819	10.064	ug/L #	55
35) Methylcyclohexane	6.15	83	62631	14.931	ug/L #	79
40) 4-Methyl-2-pentanone	7.28	43	67024	21.325	ug/L #	71
45) 1,1,2-Trichloroethane	7.81	97	21044	8.012	ug/L #	22
48) 2-Hexanone	8.10	43	24853	9.719	ug/L #	23
52) Ethylbenzene	9.04	91	33215	2.594	ug/L	100
53) m,p-Xylene	9.16	106	16615	3.385	ug/L	85
56) Isopropylbenzene	9.95	105	36365	2.797	ug/L #	93
66) 1,2-Dibromo-3-chloropropan	12.43	75	1502	1.566	ug/L #	1
69) Naphthalene	13.53	128	27155	2.485	ug/L	99

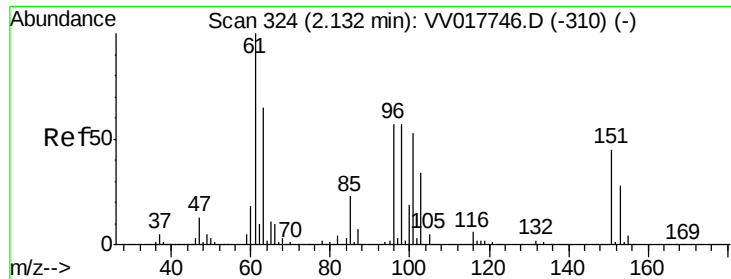
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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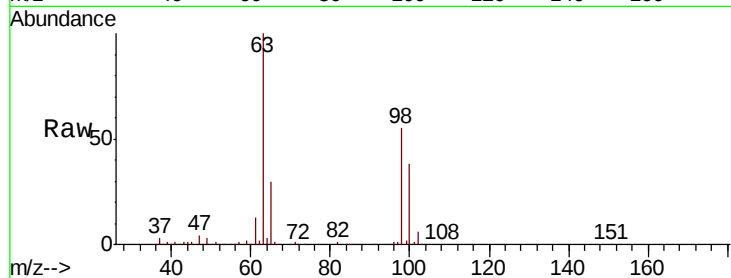




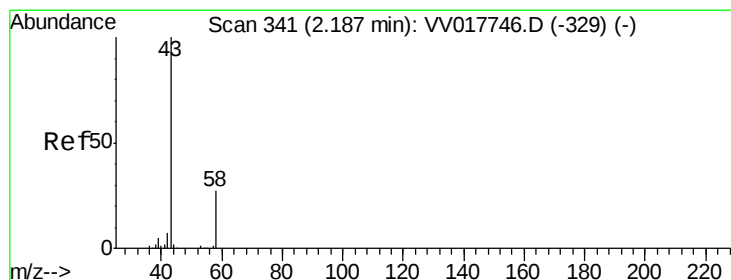
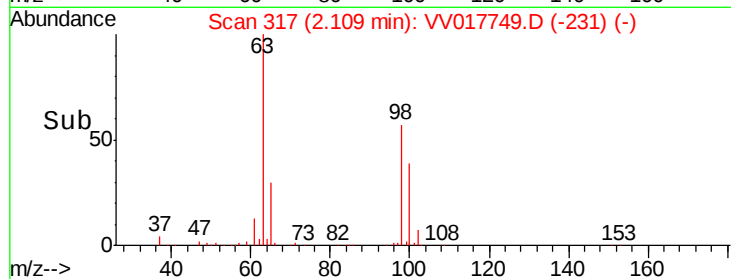
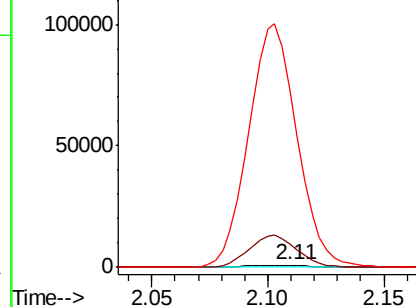
#12
 1,1-Dichloroethene
 Concen: 0.692 ug/L
 RT: 2.11 min Scan# 317
 Delta R.T. -0.02 min
 Lab File: VV017749.D
 Acq: 30 Jul 2020 14:27

Instrument :
 MSVOA_V
 ClientSampled :
 GAY15ME

Tot Ion: 96 Resp: 1560
 Ion Ratio Lower Upper
 96 100
 61 1169.6 131.0 243.2#
 63 9023.4 88.5 164.3#

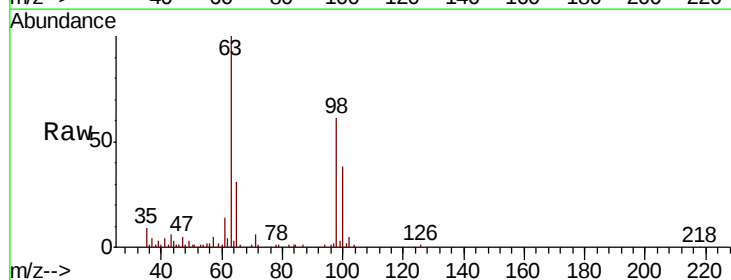


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 63.00 (62.70 to 63.70): VV0

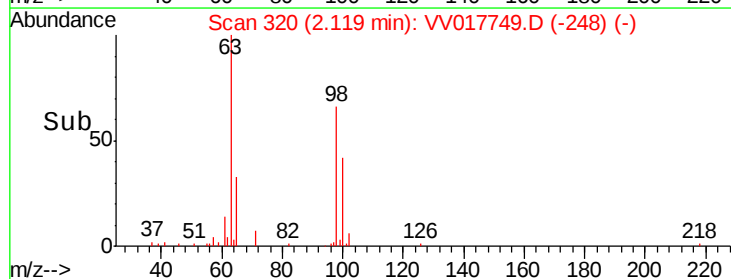
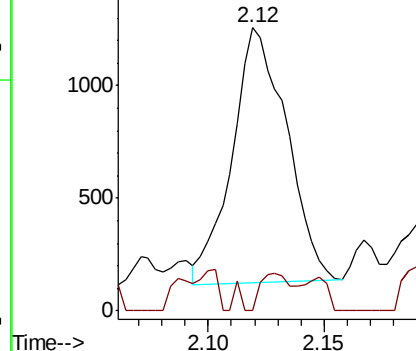


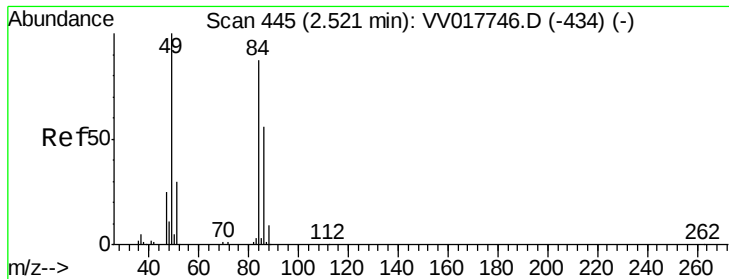
#13
 Acetone
 Concen: 1.063 ug/L
 RT: 2.12 min Scan# 320
 Delta R.T. -0.07 min
 Lab File: VV017749.D
 Acq: 30 Jul 2020 14:27

Tgt Ion: 43 Resp: 1853
 Ion Ratio Lower Upper
 43 100
 58 8.6 0.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VV0
 Ion 58.00 (57.70 to 58.70): VV0

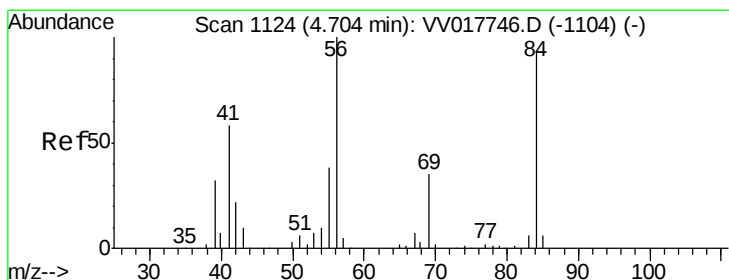
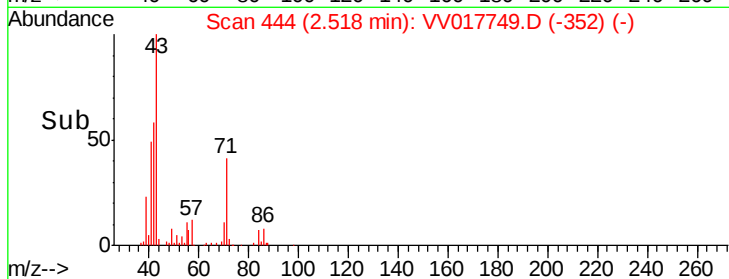
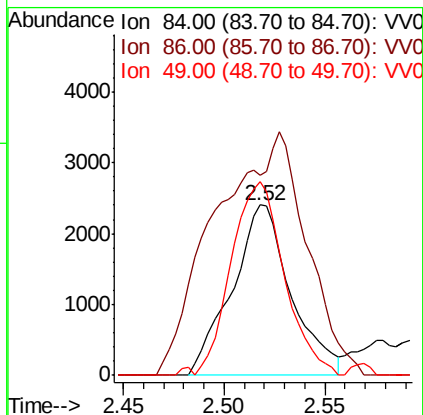
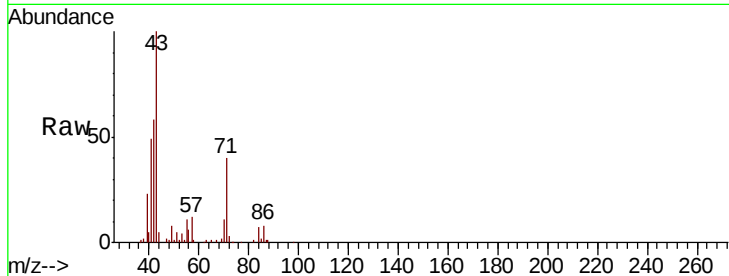




#16
Methvlene chloride
Concen: 1.841 ug/L
RT: 2.52 min Scan# 444
Delta R.T. -0.00 min
Lab File: VV017749.D
Acq: 30 Jul 2020 14:27

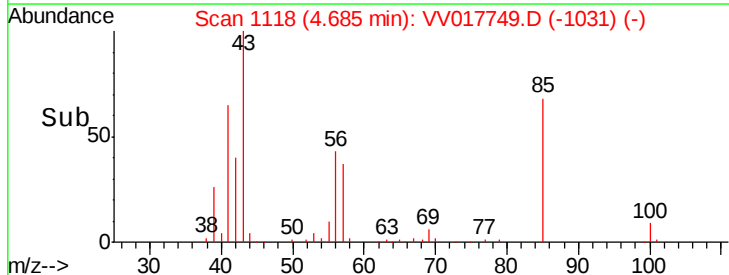
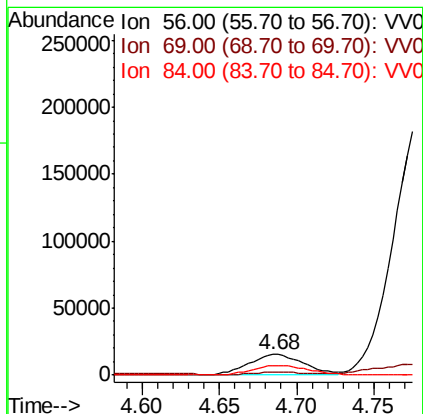
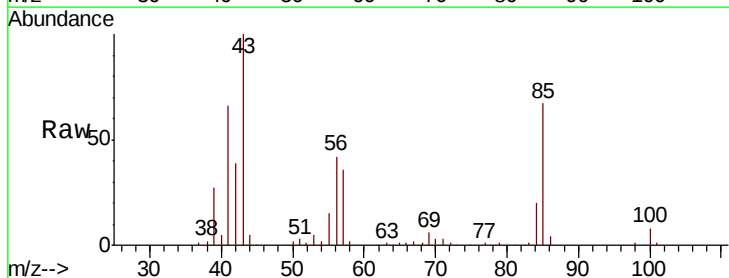
Instrument :
MSVOA_V
ClientSampleId :
GAY15ME

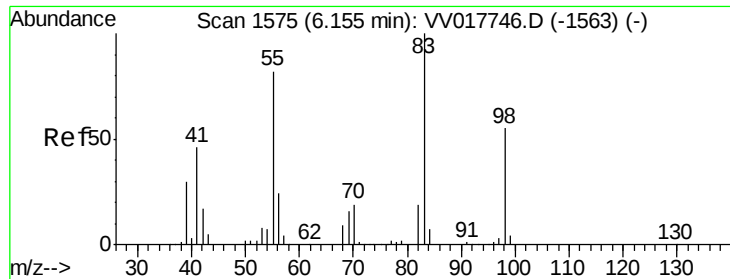
Tot Ion: 84 Resp: 4894
Ion Ratio Lower Upper
84 100
86 117.8 45.4 84.4#
49 113.8 79.2 147.2



#29
Cyclohexane
Concen: 10.064 ug/L
RT: 4.68 min Scan# 1118
Delta R.T. -0.02 min
Lab File: VV017749.D
Acq: 30 Jul 2020 14:27

Tgt Ion: 56 Resp: 37819
Ion Ratio Lower Upper
56 100
69 11.3 26.1 39.1#
84 49.8 76.6 114.8#

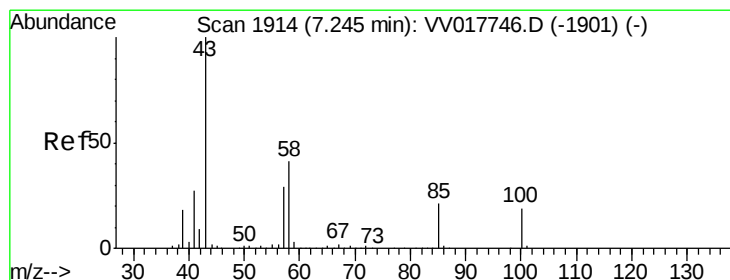
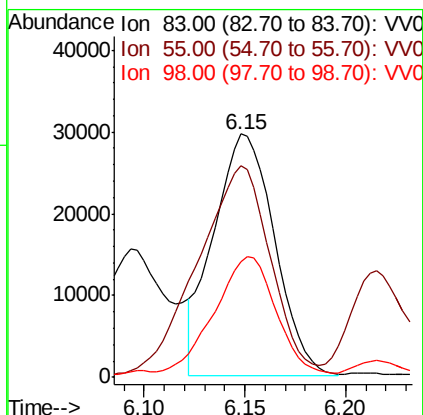
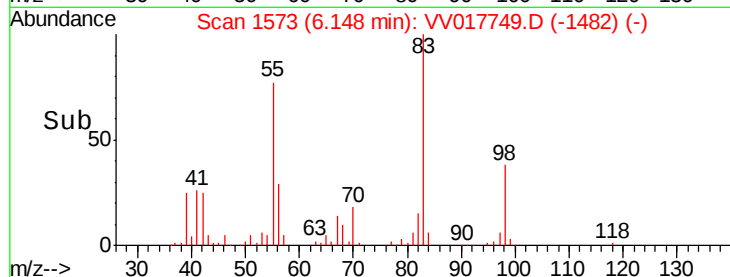
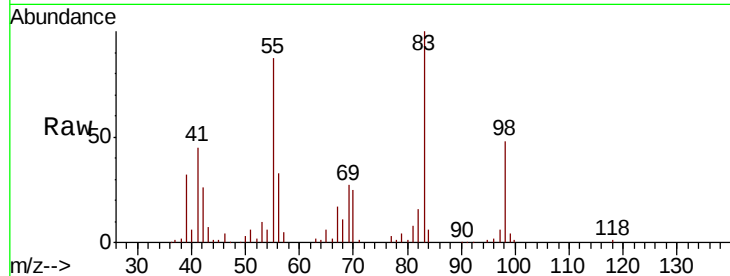




#35
Methylcyclohexane
Concen: 14.931 ug/L
RT: 6.15 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VV017749.D
Acq: 30 Jul 2020 14:27

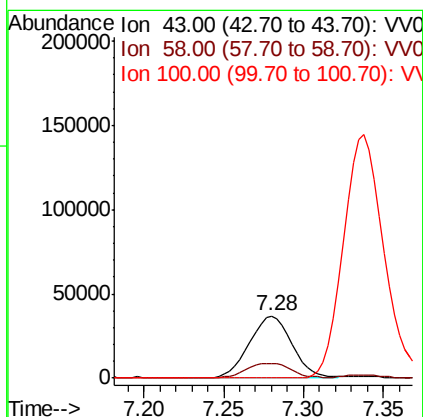
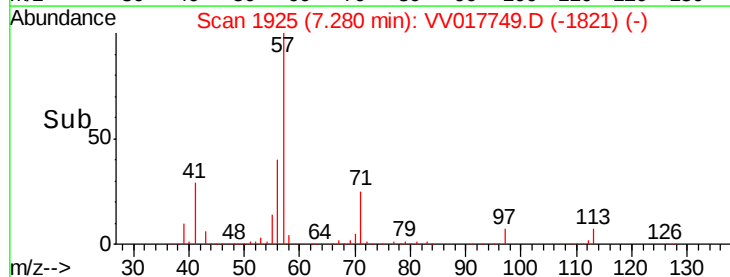
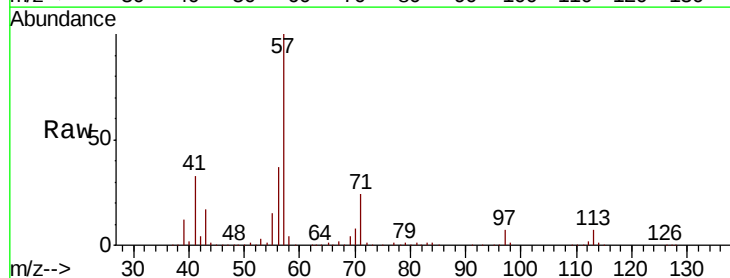
Instrument :
MSVOA_V
ClientSampleId :
GAY15ME

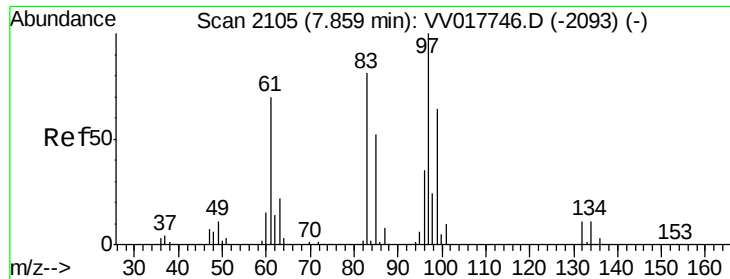
Tot Ion: 83 Resp: 62631
Ion Ratio Lower Upper
83 100
55 103.7 59.4 89.2#
98 51.7 41.2 61.8



#40
4-Methyl-2-pentanone
Concen: 21.325 ug/L
RT: 7.28 min Scan# 1925
Delta R.T. 0.04 min
Lab File: VV017749.D
Acq: 30 Jul 2020 14:27

Tgt Ion: 43 Resp: 67024
Ion Ratio Lower Upper
43 100
58 26.1 32.4 48.6#
100 0.0 14.9 22.3#

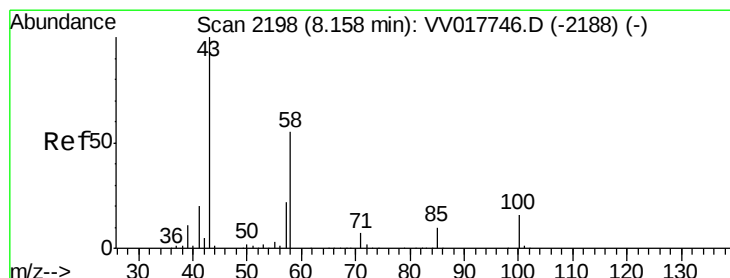
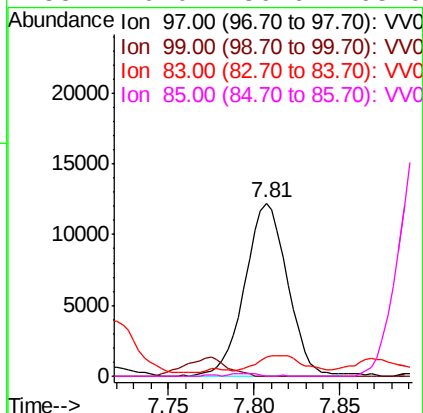
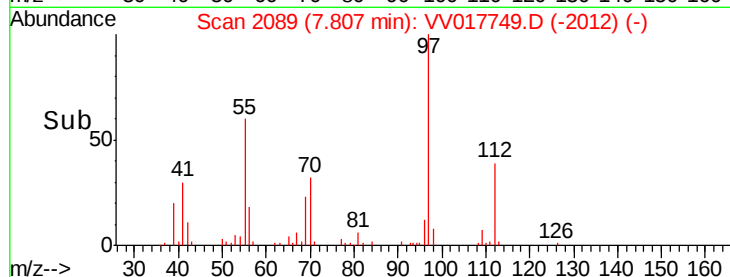
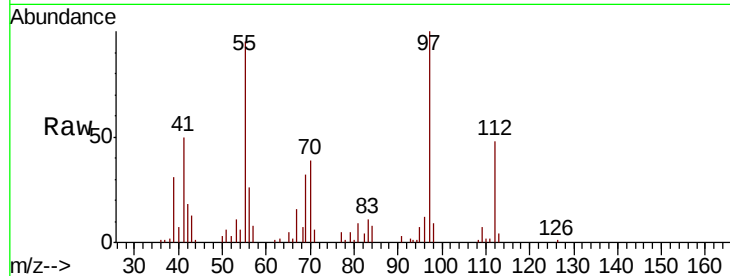




#45
 1,1,2-Trichloroethane
 Concen: 8.012 ug/L
 RT: 7.81 min Scan# 2089
 Delta R.T. -0.05 min
 Lab File: VV017749.D
 Acq: 30 Jul 2020 14:27

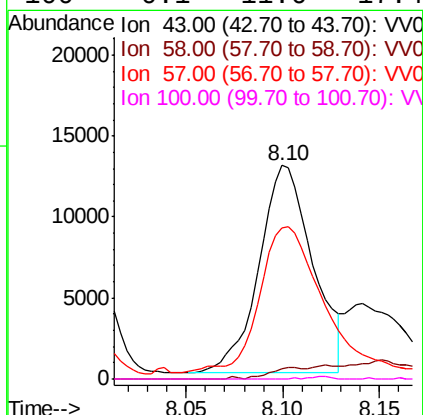
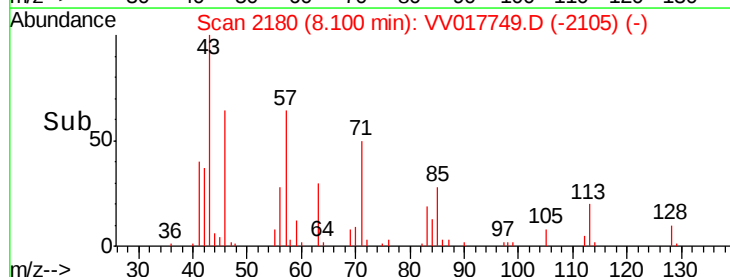
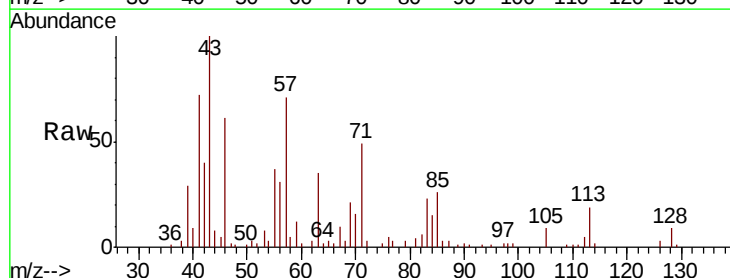
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 ClientSampleId :
 GAY15ME

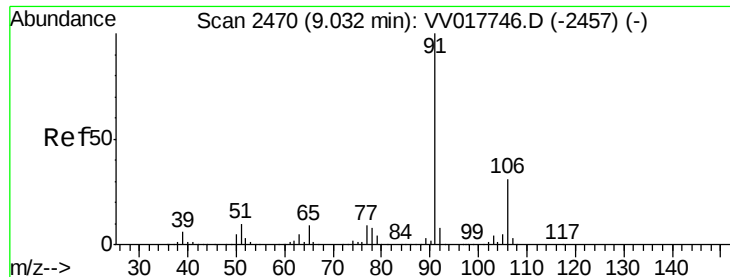
Tot Ion: 97 Resp: 21044
 Ion Ratio Lower Upper
 97 100
 99 0.0 43.0 80.0#
 83 10.7 57.3 106.5#
 85 0.0 36.6 68.0#



#48
 2-Hexanone
 Concen: 9.719 ug/L
 RT: 8.10 min Scan# 2180
 Delta R.T. -0.06 min
 Lab File: VV017749.D
 Acq: 30 Jul 2020 14:27

Tgt Ion: 43 Resp: 24853
 Ion Ratio Lower Upper
 43 100
 58 3.7 42.8 64.2#
 57 79.2 16.6 24.8#
 100 0.1 11.6 17.4#

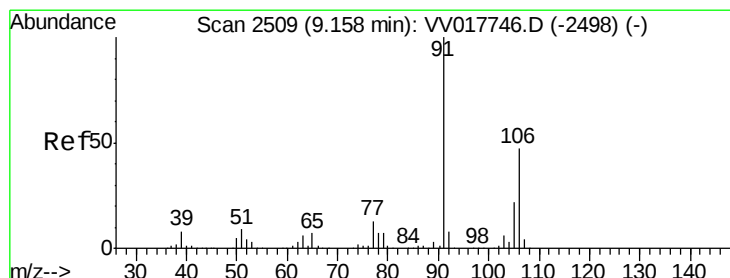
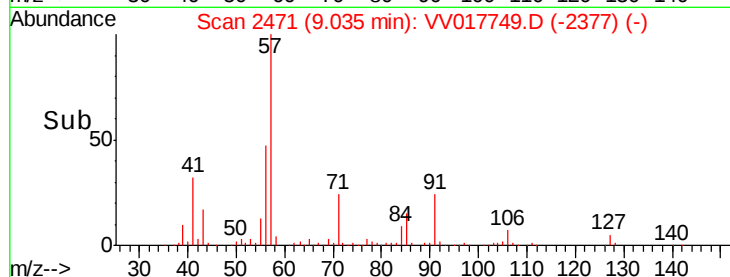
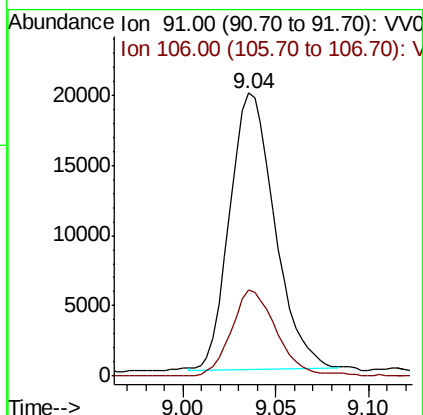
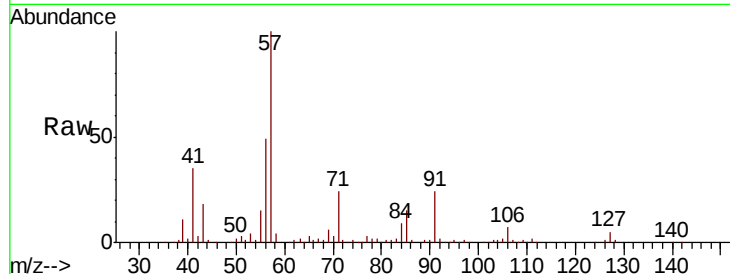




#52
Ethylbenzene
Concen: 2.594 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV017749.D
Acq: 30 Jul 2020 14:27

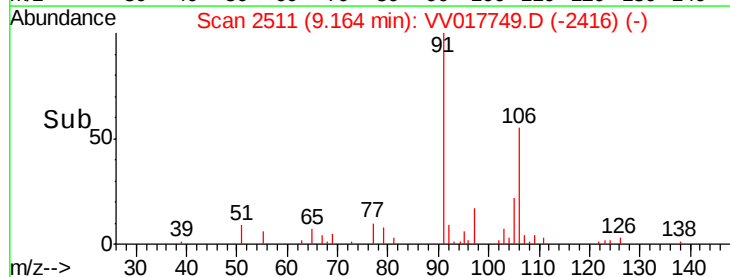
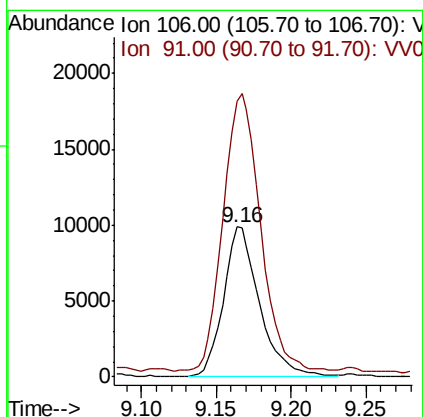
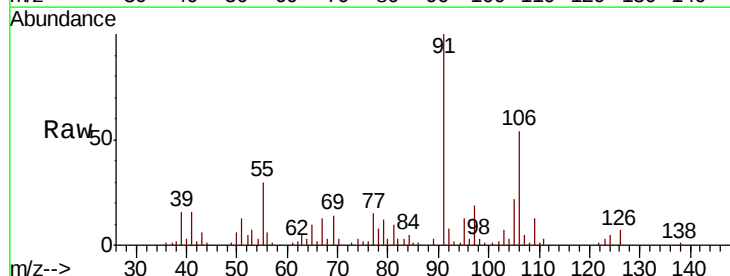
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ClientSampleId :
GAY15ME

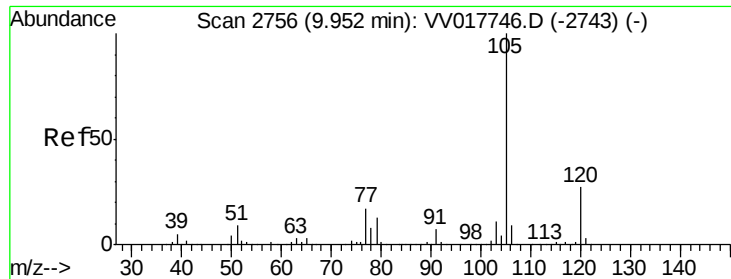
Tot Ion: 91 Resp: 33215
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9



#53
m,p-Xylene
Concen: 3.385 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV017749.D
Acq: 30 Jul 2020 14:27

Tgt Ion: 106 Resp: 16615
Ion Ratio Lower Upper
106 100
91 184.4 145.8 270.8





#56

Isopropylbenzene

Concen: 2.797 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV017749.D

Acq: 30 Jul 2020 14:27

Instrument :

MSVOA_V

ClientSampleId :

GAY15ME

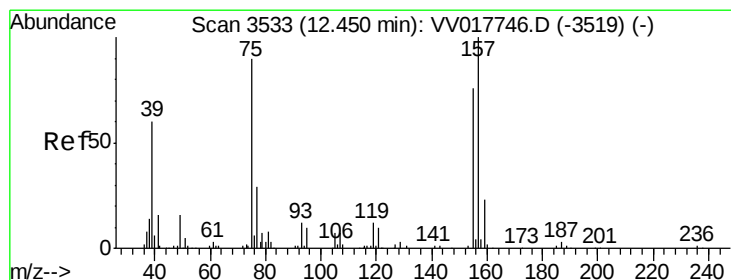
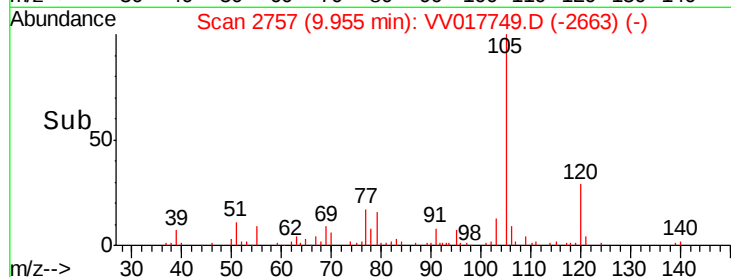
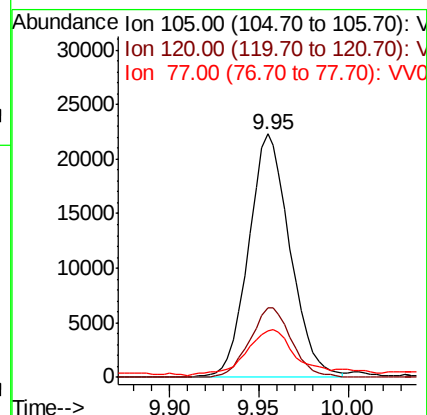
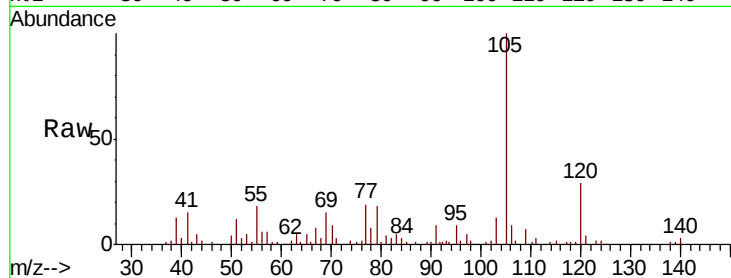
Tot Ion:105 Resp: 36365

Ion Ratio Lower Upper

105 100

120 28.9 21.0 31.6

77 21.1 13.2 19.8#



#66

1,2-Dibromo-3-chloropropane

Concen: 1.566 ug/L

RT: 12.43 min Scan# 3528

Delta R.T. -0.02 min

Lab File: VV017749.D

Acq: 30 Jul 2020 14:27

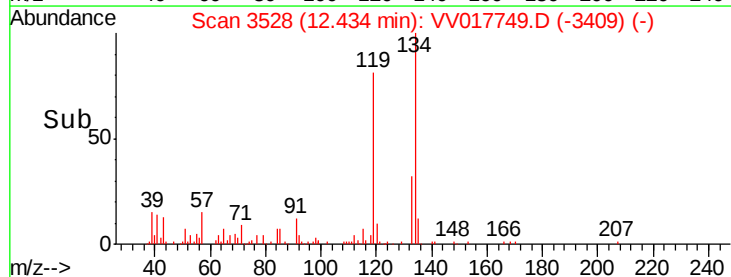
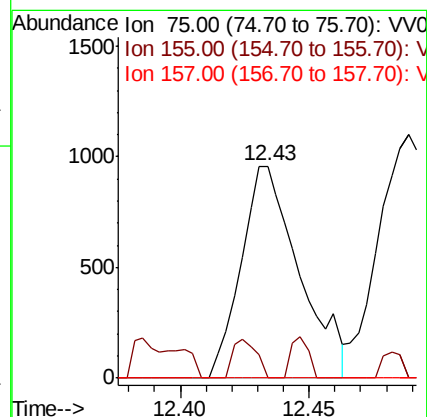
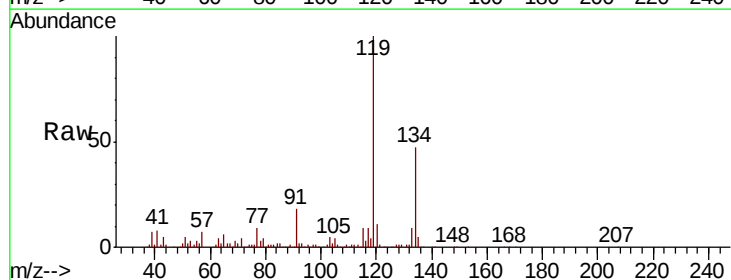
Tgt Ion: 75 Resp: 1502

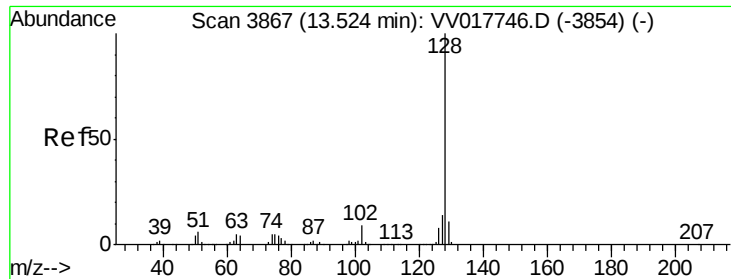
Ion Ratio Lower Upper

75 100

155 0.0 70.2 105.2#

157 0.0 88.9 133.3#





#69

Naphthalene

Concen: 2.485 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV017749.D

Acq: 30 Jul 2020 14:27

Instrument :

MSVOA_V

ClientSampleId :

GAY15ME

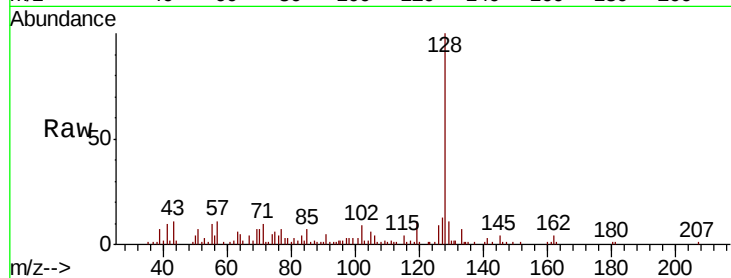
Tot Ion:128 Resp: 27155

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 11.2 8.4 12.6



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

