

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015482.D
 Acq On : 14 Apr 2020 23:50
 Operator : SY/MD
 Sample : L2274-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAAQ0

Quant Time: Apr 15 05:34:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 05:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	107798	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	102209	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50735	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33025	5.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.00%
7) Chloroethane-d5	1.58	69	28517	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.12	63	45747	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.93	46	77789	49.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.06%
24) Chloroform-d	4.38	84	59394	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.06	65	33803	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.08	84	122510	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.10	67	37223	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.34	98	112354	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	7.65	79	14802	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.11	63	62942	42.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.98%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25761	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	41468	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

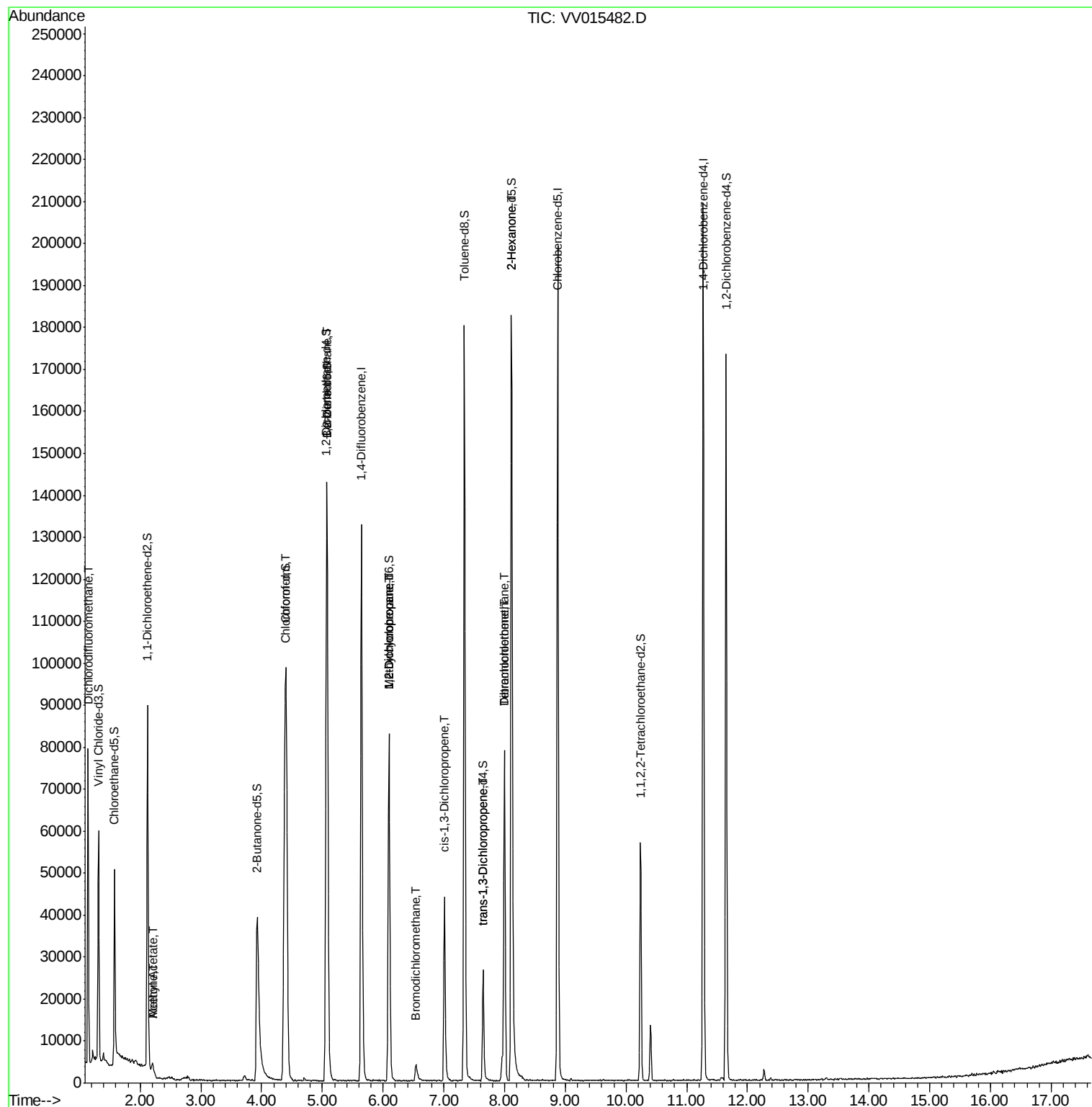
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	888	0.083	ug/L #	87
13) Acetone	2.21	43	5357	4.828	ug/L	82
15) Methyl Acetate	2.21	43	5222	1.591	ug/L #	57
25) Chloroform	4.41	83	73870	5.022	ug/L	99
27) 1,2-Dichloroethane	5.08	62	781	0.082	ug/L #	77
35) Methylcyclohexane	6.10	83	9627	0.694	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4521	0.596	ug/L #	86
38) Bromodichloromethane	6.54	83	2449	0.242	ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	1102	0.095	ug/L #	76
44) trans-1,3-Dichloropropene	7.65	75	636	0.065	ug/L #	59
47) Tetrachloroethene	8.00	164	16101	2.639	ug/L	99
48) 2-Hexanone	8.11	43	9740	2.798	ug/L #	74
49) Dibromochloromethane	8.00	129	15899	2.602	ug/L #	10

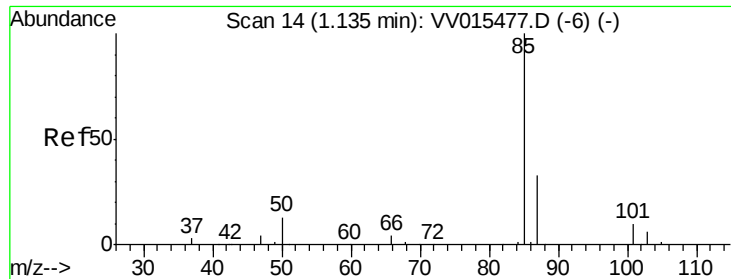
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 15 05:34:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 15 05:31:01 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.083 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV015482.D

Acq: 14 Apr 2020 23:50

Instrument :

MSVOA_V

ClientSampleId :

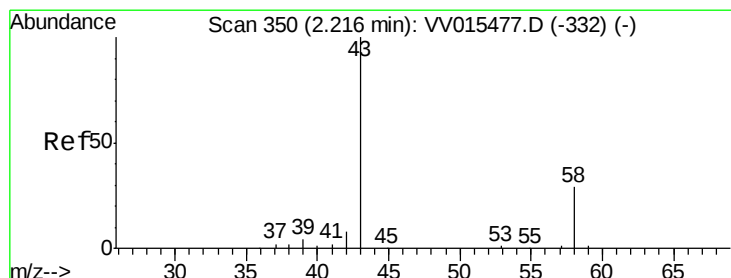
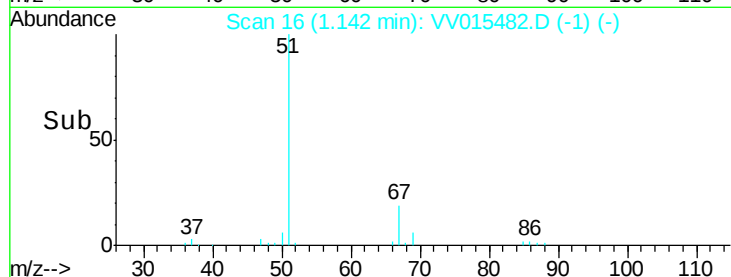
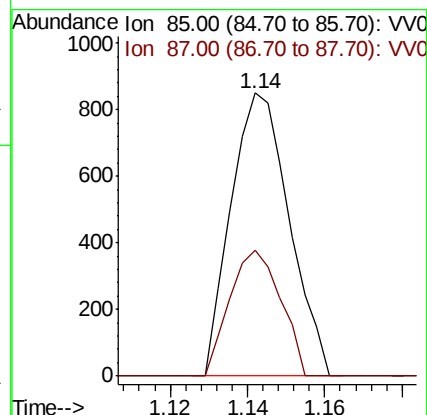
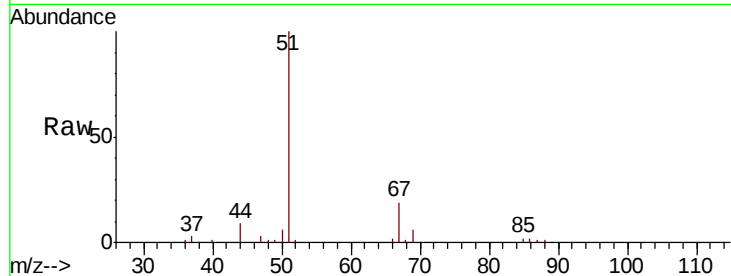
YQAQ0

Tot Ion: 85 Resp: 888

Ion Ratio Lower Upper

85 100

87 38.7 25.3 37.9#



#13

Acetone

Concen: 4.828 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV015482.D

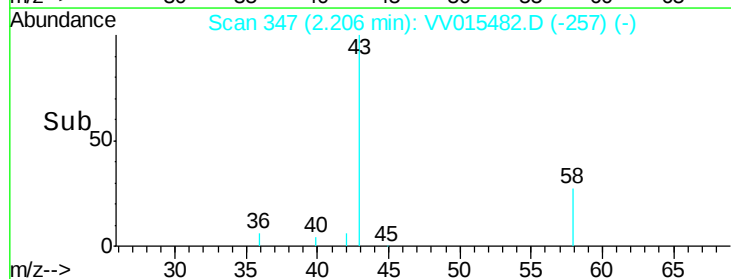
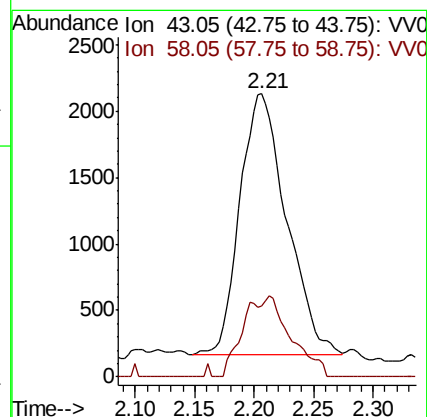
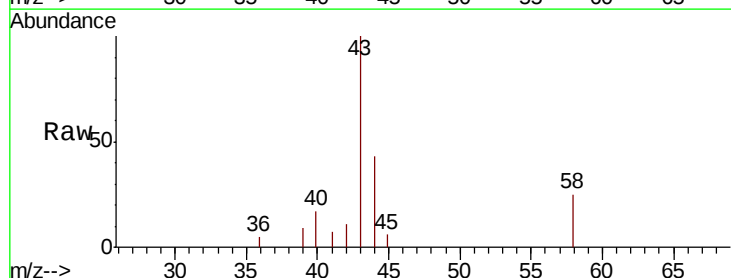
Acq: 14 Apr 2020 23:50

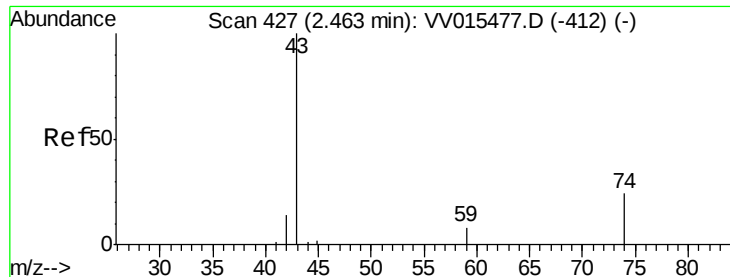
Tgt Ion: 43 Resp: 5357

Ion Ratio Lower Upper

43 100

58 17.8 0.0 22.2

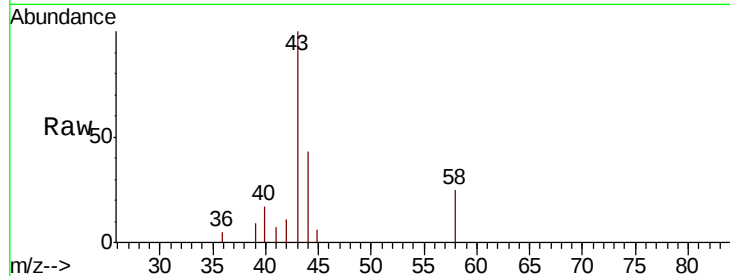




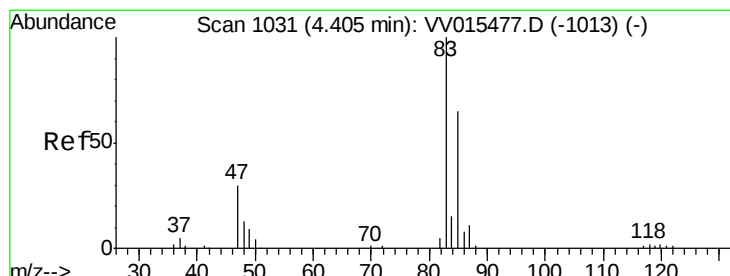
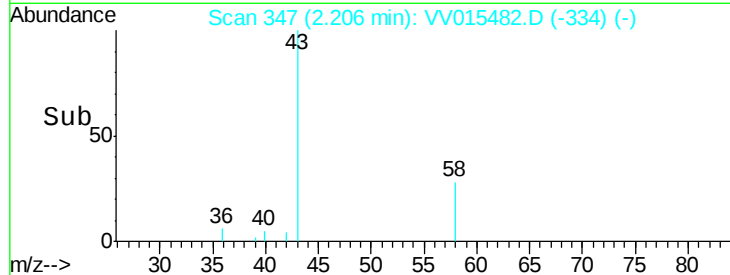
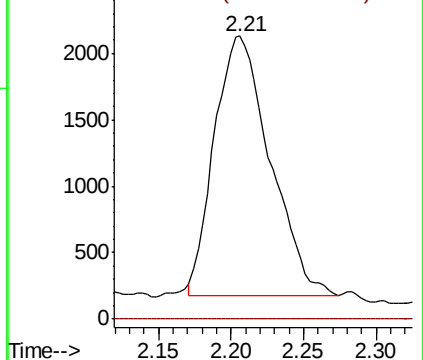
#15
Methvl Acetate
Concen: 1.591 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.26 min
Lab File: VV015482.D
Acq: 14 Apr 2020 23:50

Instrument :
MSVOA_V
ClientSampleId :
YAQA0

Tot Ion: 43 Resp: 5222
Ion Ratio Lower Upper
43 100
74 0.0 15.4 23.2#

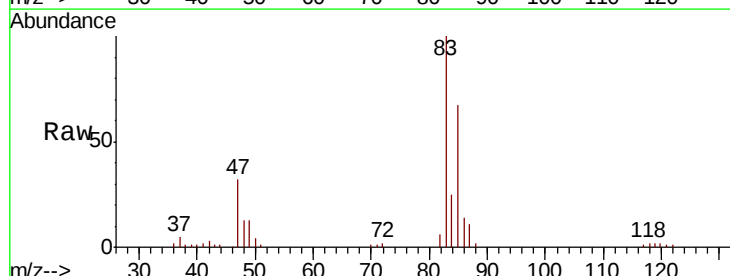


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 74.05 (73.75 to 74.75): VV0

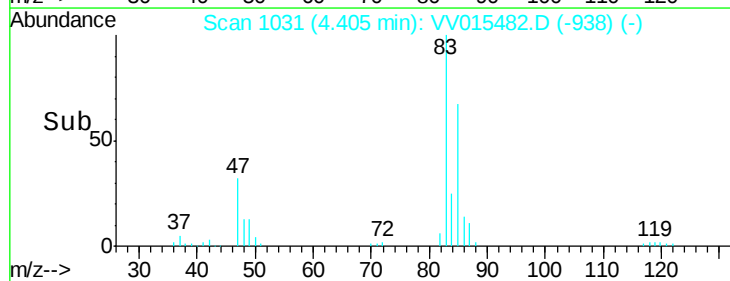
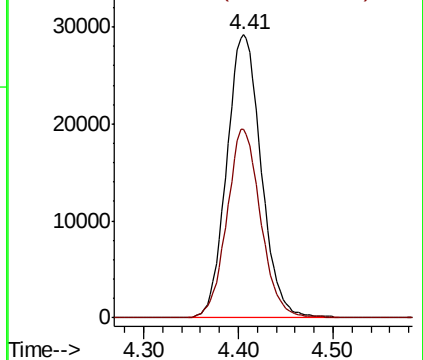


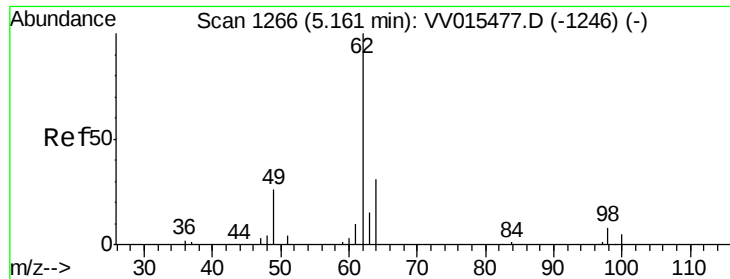
#25
Chloroform
Concen: 5.022 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015482.D
Acq: 14 Apr 2020 23:50

Tgt Ion: 83 Resp: 73870
Ion Ratio Lower Upper
83 100
85 66.7 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0





#27

1,2-Dichloroethane

Concen: 0.082 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

Lab File: VV015482.D

Acq: 14 Apr 2020 23:50

Instrument :

MSVOA_V

ClientSampleId :

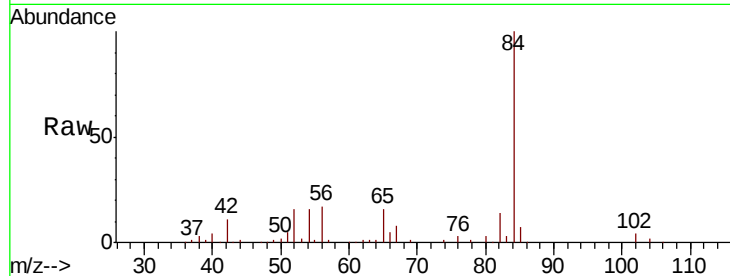
YQAQ0

Tot Ion: 62 Resp: 781

Ion Ratio Lower Upper

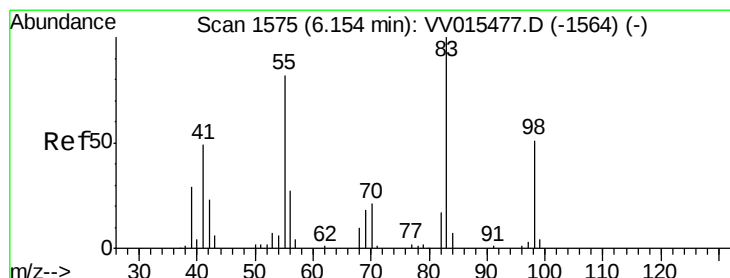
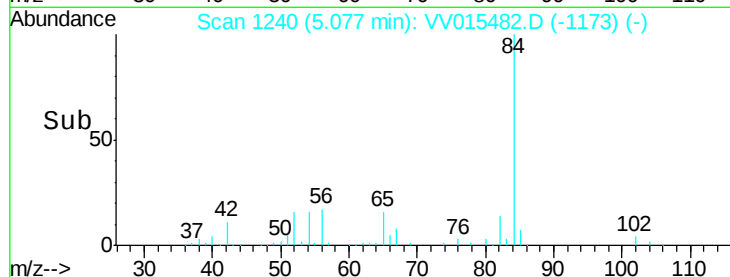
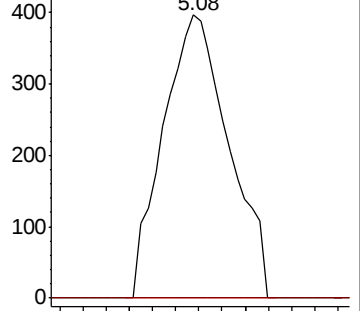
62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#35

Methylcyclohexane

Concen: 0.694 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV015482.D

Acq: 14 Apr 2020 23:50

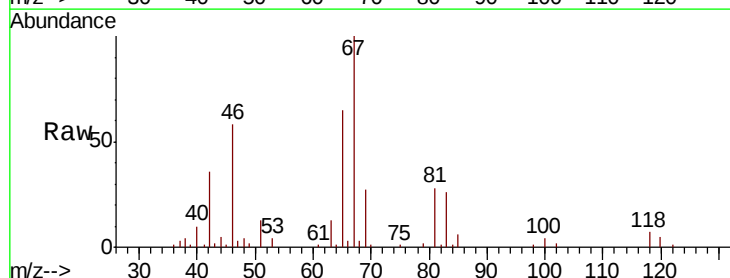
Tgt Ion: 83 Resp: 9627

Ion Ratio Lower Upper

83 100

55 0.0 66.6 99.8#

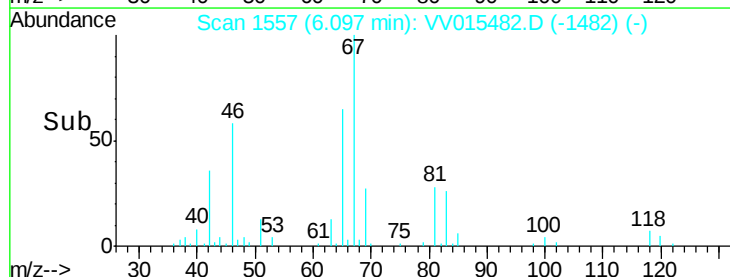
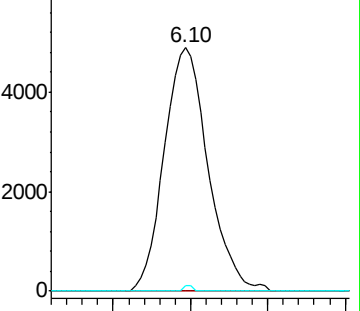
98 0.4 38.7 58.1#

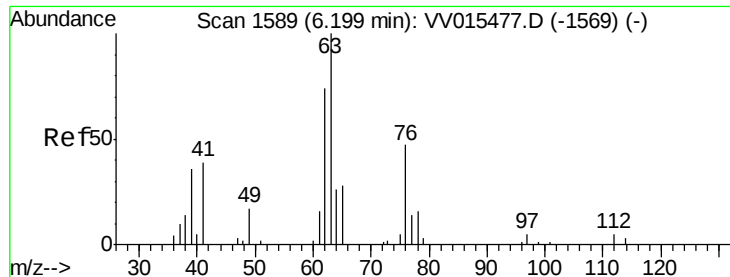


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

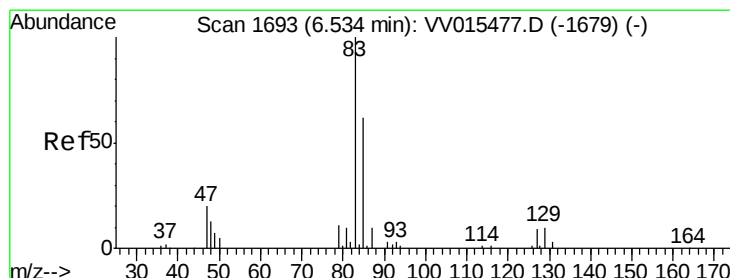
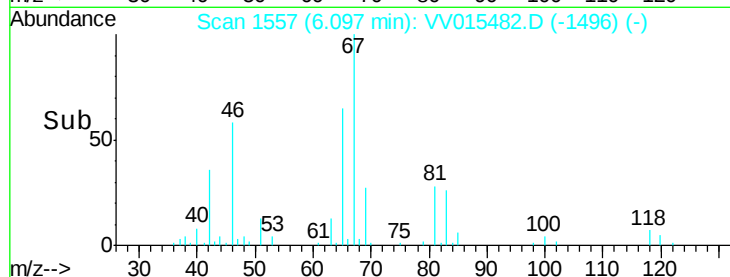
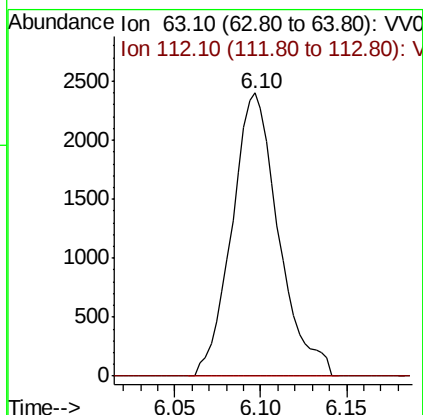
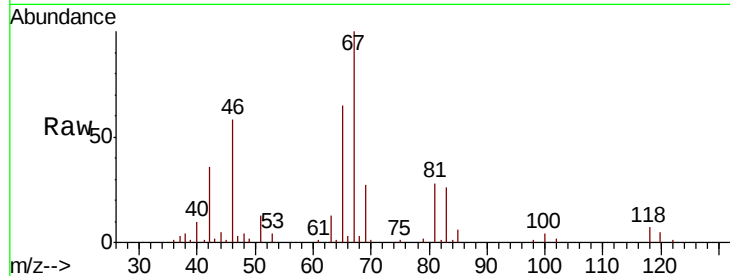




#37
 1,2-Dichloropropane
 Concen: 0.596 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015482.D
 Acq: 14 Apr 2020 23:50

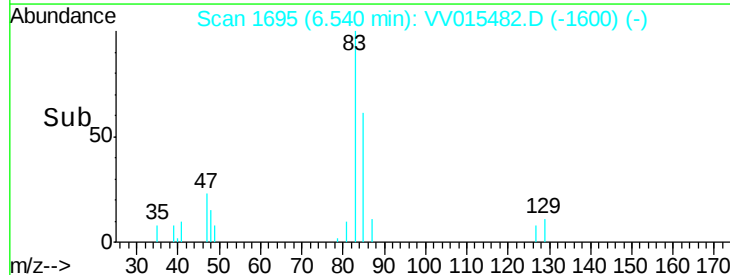
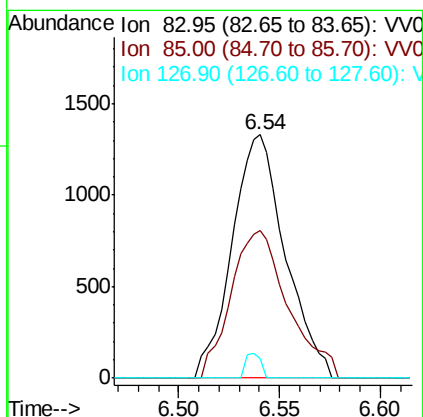
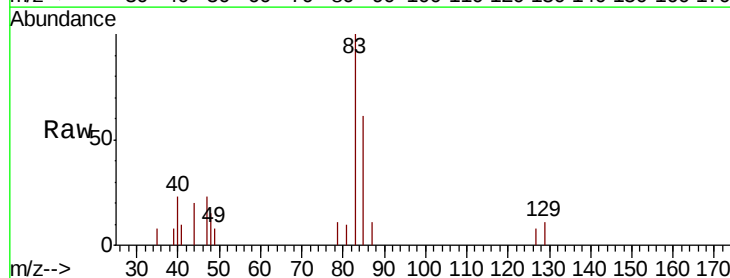
Instrument :
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 YQAQ0

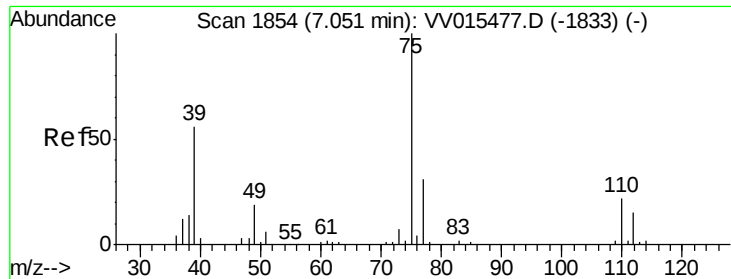
Tot Ion: 63 Resp: 4521
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#38
 Bromodichloromethane
 Concen: 0.242 ug/L
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: VV015482.D
 Acq: 14 Apr 2020 23:50

Tgt Ion: 83 Resp: 2449
 Ion Ratio Lower Upper
 83 100
 85 60.9 42.6 79.2
 127 8.1 6.6 9.8

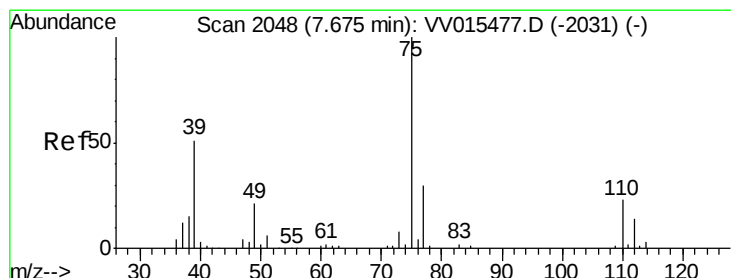
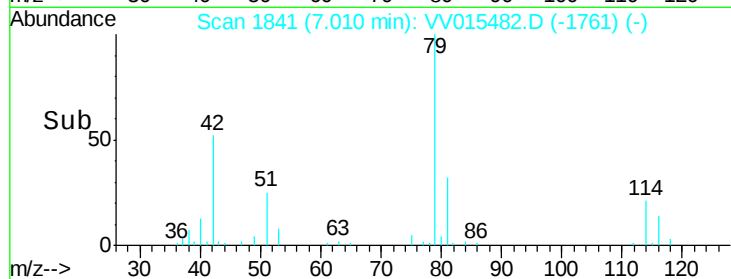
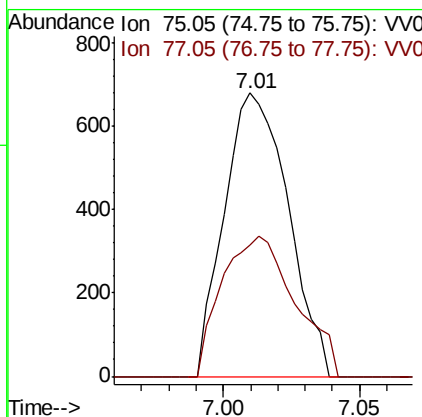
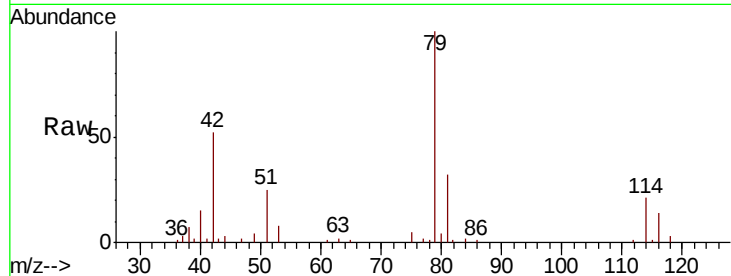




#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015482.D
 Acq: 14 Apr 2020 23:50

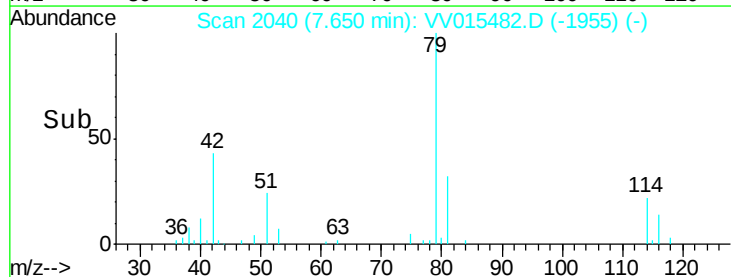
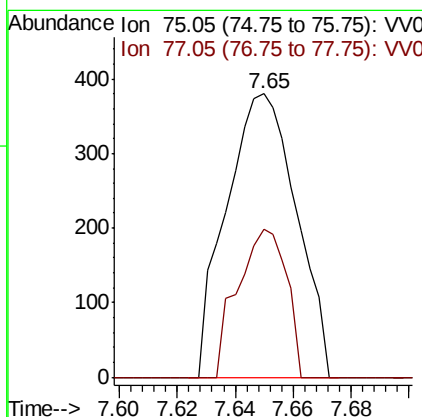
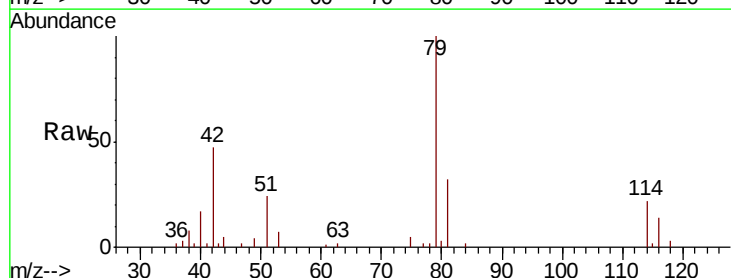
Instrument :
 MSVOA_V
 ClientSampleId :
 YQAQ0

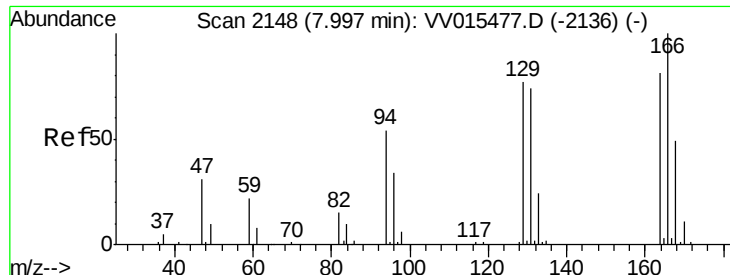
Tot Ion: 75 Resp: 1102
 Ion Ratio Lower Upper
 75 100
 77 46.2 23.0 42.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.065 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.03 min
 Lab File: VV015482.D
 Acq: 14 Apr 2020 23:50

Tgt Ion: 75 Resp: 636
 Ion Ratio Lower Upper
 75 100
 77 52.1 21.0 39.0#





#47

Tetrachloroethene

Concen: 2.639 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015482.D

Acq: 14 Apr 2020 23:50

Instrument :
MSVOA_V
ClientSampleId :
YQA0

Tot Ion:164 Resp: 16101

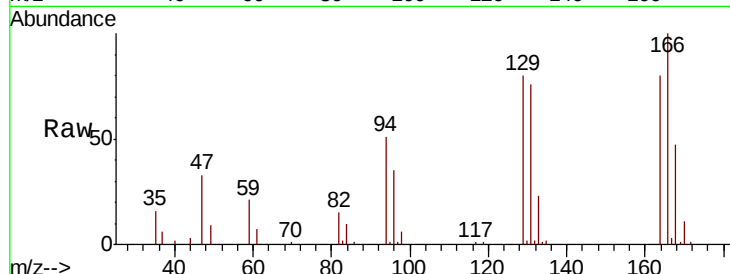
Ion Ratio Lower Upper

164 100

129 100.4 70.6 131.0

131 95.9 68.3 126.8

166 125.5 88.3 163.9

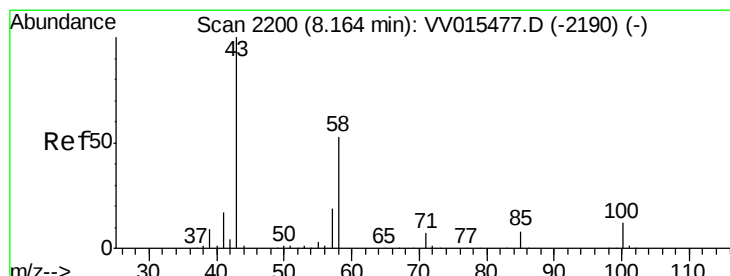
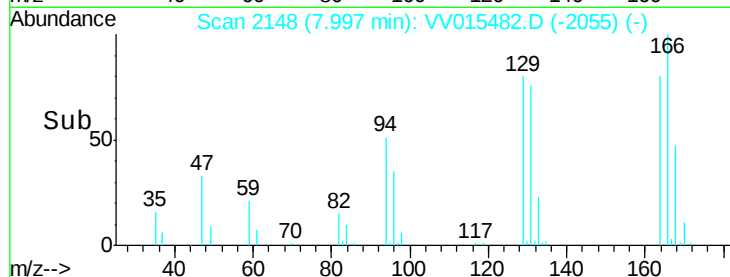
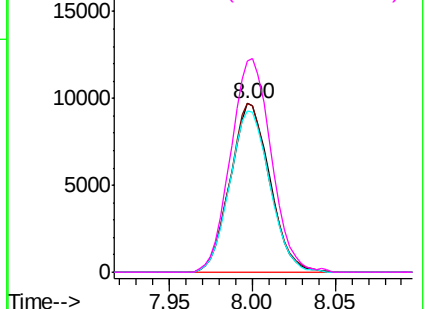


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 2.798 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015482.D

Acq: 14 Apr 2020 23:50

Tgt Ion: 43 Resp: 9740

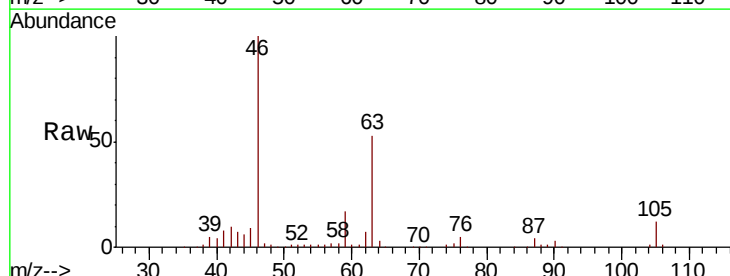
Ion Ratio Lower Upper

43 100

58 29.0 41.4 62.0#

57 21.3 15.0 22.4

100 0.0 9.4 14.2#

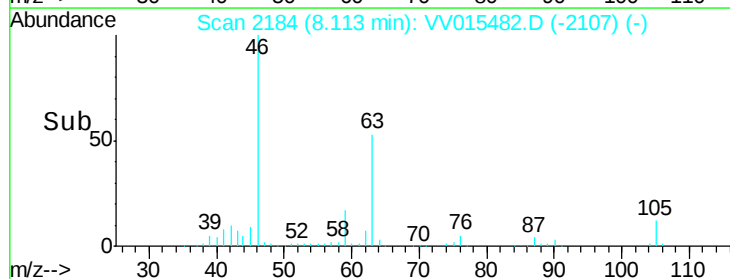
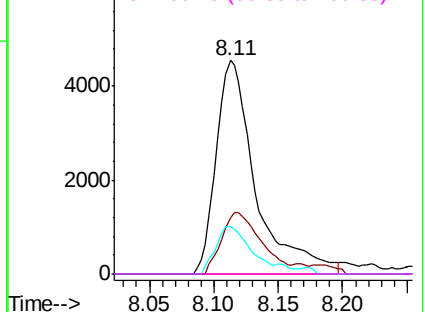


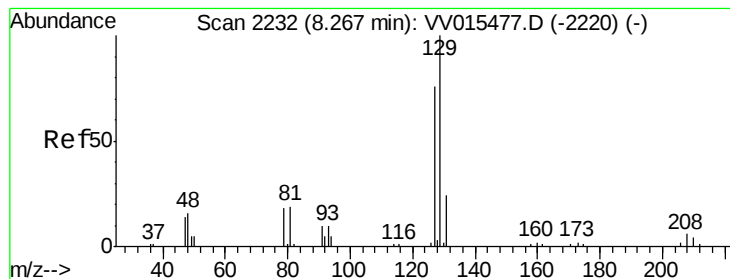
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 2.602 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015482.D

Acq: 14 Apr 2020 23:50

Instrument :

MSVOA_V

ClientSampleId :

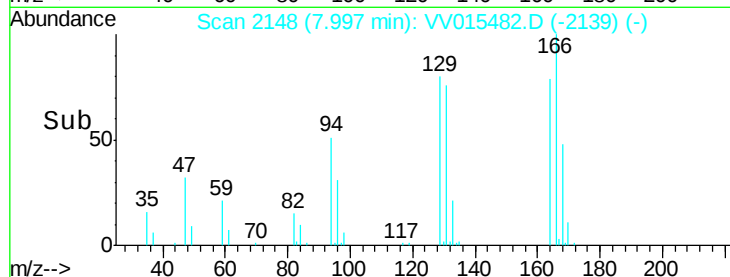
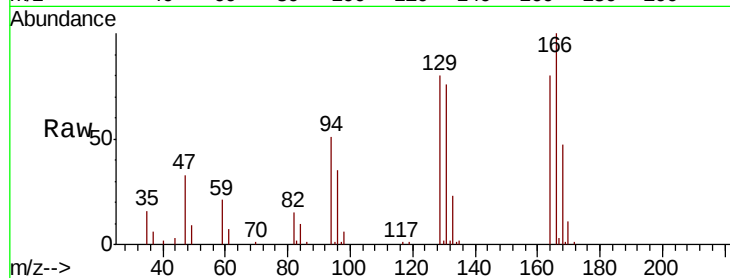
YQAQ0

Tot Ion:129 Resp: 15899

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

