

Data File : VV012576.D
Acq On : 04 Sep 2019 19:17
Operator : SY/MD
Sample : K4685-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD80

Quant Time: Sep 05 01:32:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 05 01:26:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	73946	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	76817	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	23614	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29998	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	36191	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.13	63	55019	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	3.93	46	102091	74.60	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	149.20%#
24) Chloroform-d	4.40	84	51800	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.08	65	38608	6.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	134.80%#
32) Benzene-d6	5.10	84	98146	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.12	67	35267	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.36	98	73322	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	7.66	79	11542	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.13	63	59272	63.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	32077	6.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	133.40%#
64) 1,2-Dichlorobenzene-d4	11.67	152	24656	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

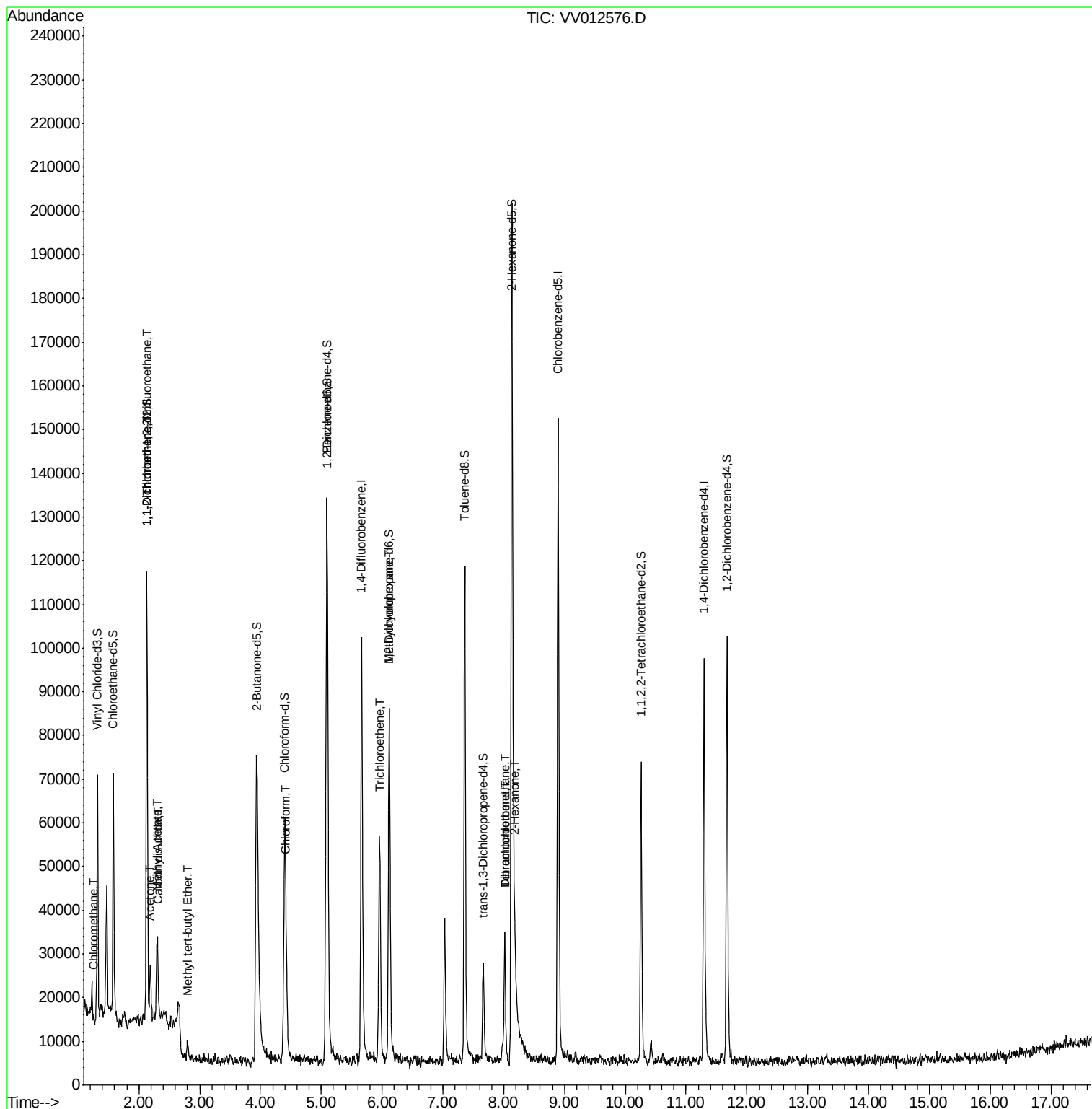
						Qvalue
3) Chloromethane	1.26	50	1134	0.101	ug/L	88
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	880	0.085	ug/L #	28
12) 1,1-Dichloroethene	2.13	96	971	0.102	ug/L #	1
13) Acetone	2.19	43	10948	5.638	ug/L	89
14) Carbon disulfide	2.32	76	1325	0.043	ug/L #	50
15) Methyl Acetate	2.30	43	4883	1.037	ug/L #	59
17) Methyl tert-butyl Ether	2.80	73	2831	0.174	ug/L #	87
25) Chloroform	4.43	83	10205	0.662	ug/L	90
34) Trichloroethene	5.96	95	16104	1.843	ug/L	96
35) Methylcyclohexane	6.12	83	9117	0.686	ug/L #	17
47) Tetrachloroethene	8.02	164	6331	1.003	ug/L	96
48) 2-Hexanone	8.18	43	9215	2.682	ug/L #	77
49) Dibromochloromethane	8.02	129	5423	0.873	ug/L #	15

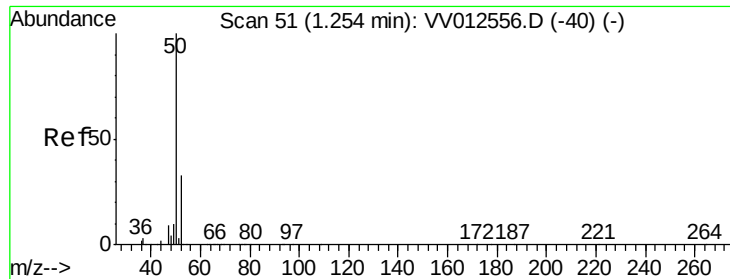
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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#3

Chloromethane

Concen: 0.101 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV012576.D

Acq: 04 Sep 2019 19:17

Instrument :

MSVOA_V

ClientSampleId :

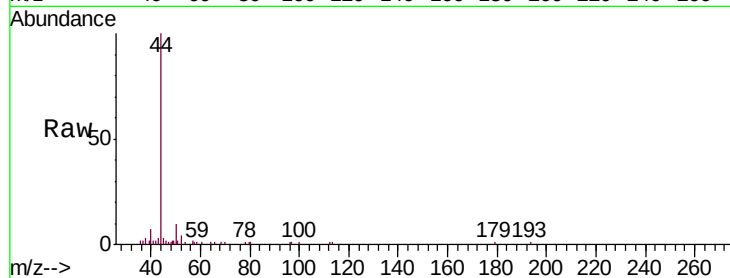
BFD80

Tgt Ion: 50 Resp: 1134

Ion Ratio Lower Upper

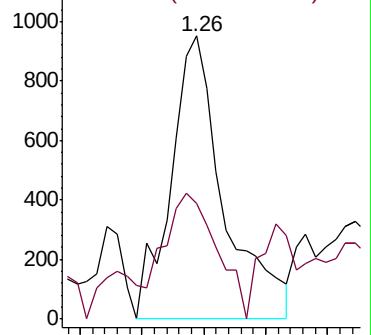
50 100

52 40.7 23.5 43.7

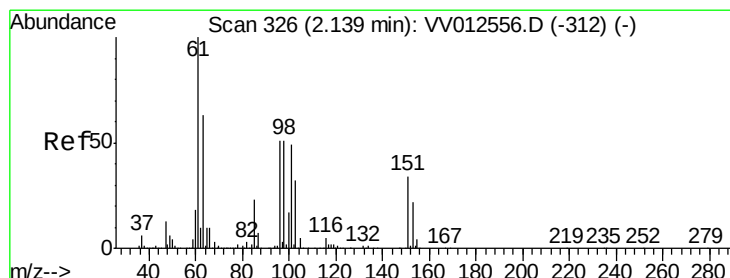
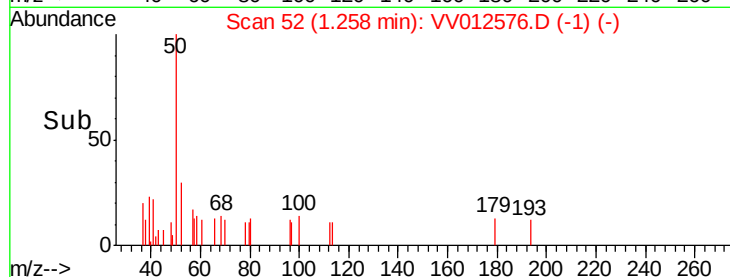


Abundance Ion 50.05 (49.75 to 50.75): VV012556.D (-40) (-)

Ion 52.05 (51.75 to 52.75): VV012556.D (-40) (-)



Time-->



#10

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

Concen: 0.085 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012576.D

Acq: 04 Sep 2019 19:17

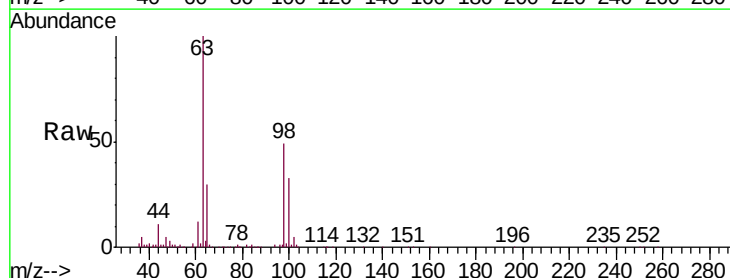
Tgt Ion: 101 Resp: 880

Ion Ratio Lower Upper

101 100

85 0.0 37.4 56.0#

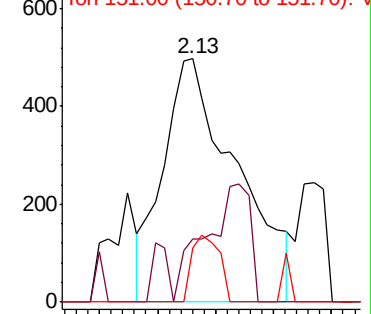
151 10.3 56.7 85.1#



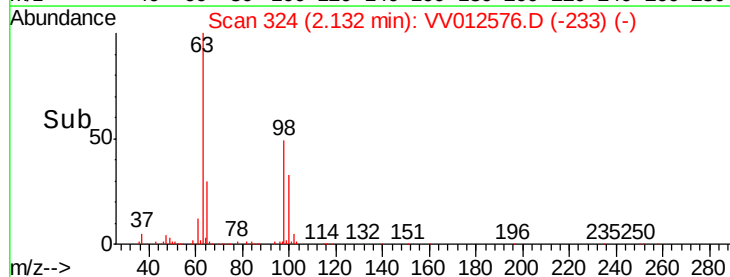
Abundance Ion 101.00 (100.70 to 101.70): VV012556.D (-312) (-)

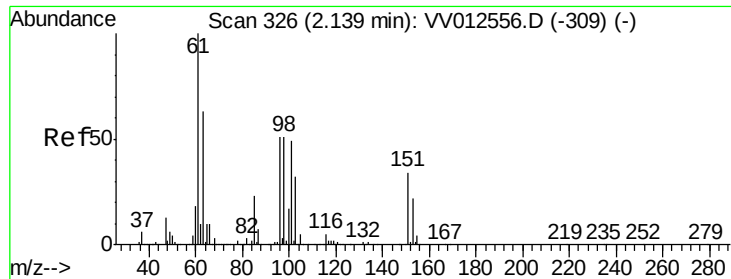
Ion 85.00 (84.70 to 85.70): VV012556.D (-312) (-)

Ion 151.00 (150.70 to 151.70): VV012556.D (-312) (-)



Time-->

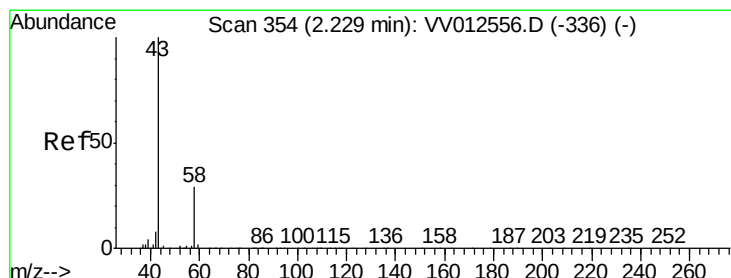
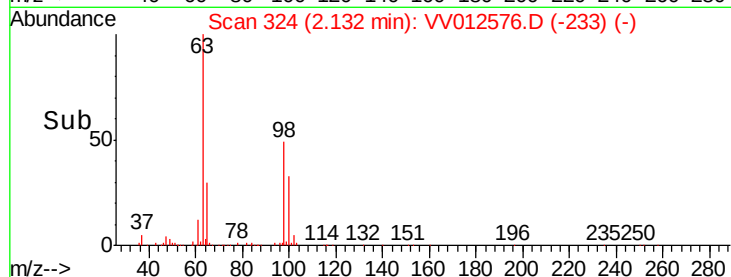
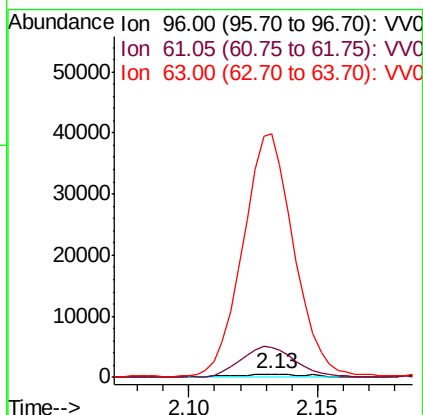
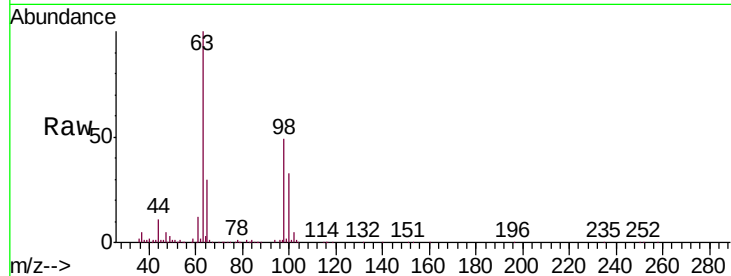




#12
 1,1-Dichloroethene
 Concen: 0.102 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV012576.D
 Acq: 04 Sep 2019 19:17

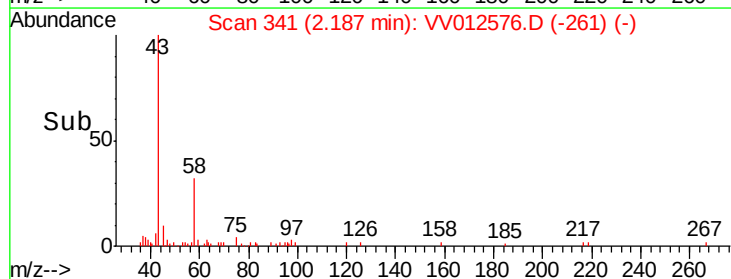
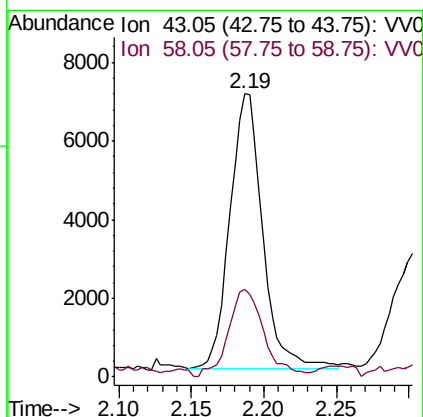
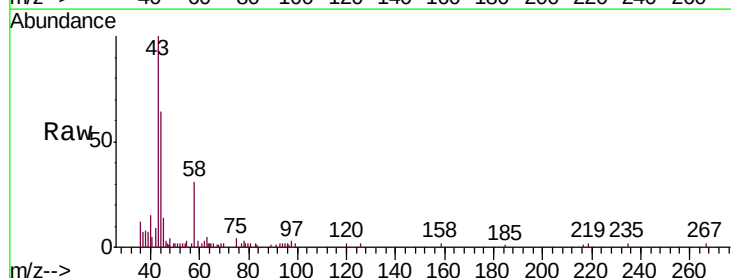
Instrument :
 MSVOA_V
 ClientSampleId :
 BFD80

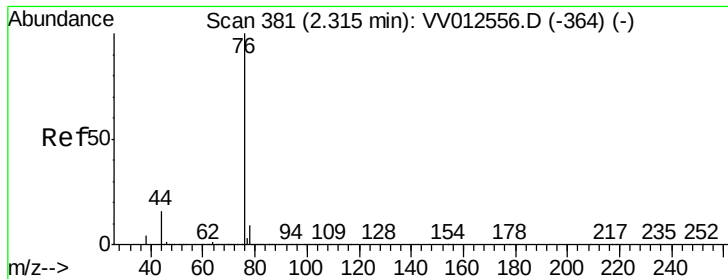
Tgt Ion: 96 Resp: 971
 Ion Ratio Lower Upper
 96 100
 61 964.5 133.7 248.3#
 63 7767.6 83.2 154.6#



#13
 Acetone
 Concen: 5.638 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. -0.04 min
 Lab File: VV012576.D
 Acq: 04 Sep 2019 19:17

Tgt Ion: 43 Resp: 10948
 Ion Ratio Lower Upper
 43 100
 58 34.7 0.0 58.2





#14

Carbon disulfide

Concen: 0.043 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV012576.D

Acq: 04 Sep 2019 19:17

Instrument :

MSVOA_V

ClientSampleId :

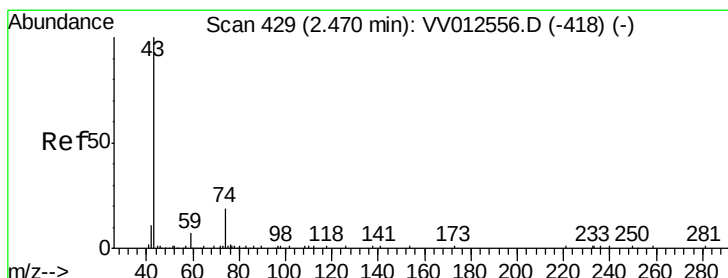
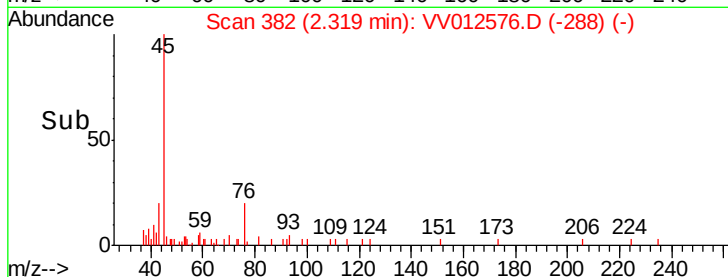
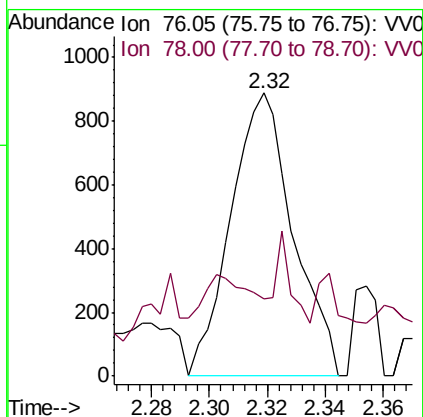
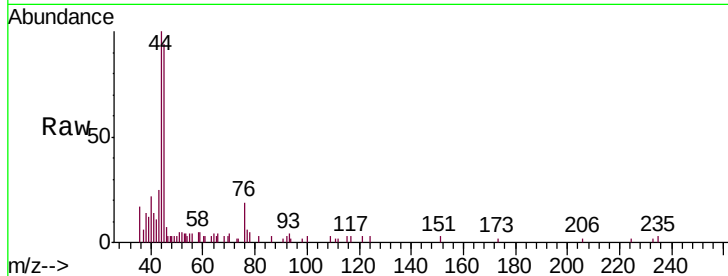
BFD80

Tgt Ion: 76 Resp: 1325

Ion Ratio Lower Upper

76 100

78 27.4 7.4 11.0#



#15

Methyl Acetate

Concen: 1.037 ug/L

RT: 2.30 min Scan# 377

Delta R.T. -0.17 min

Lab File: VV012576.D

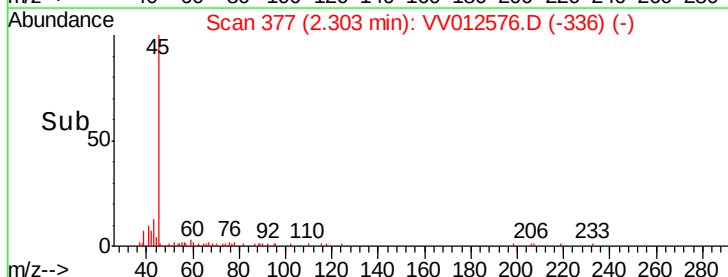
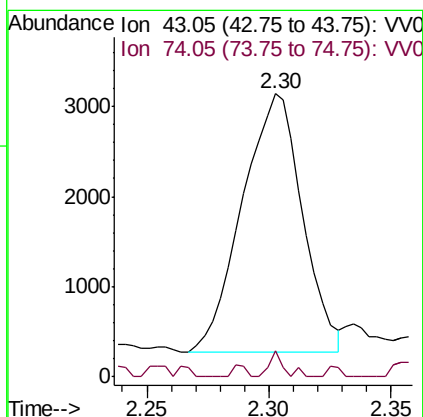
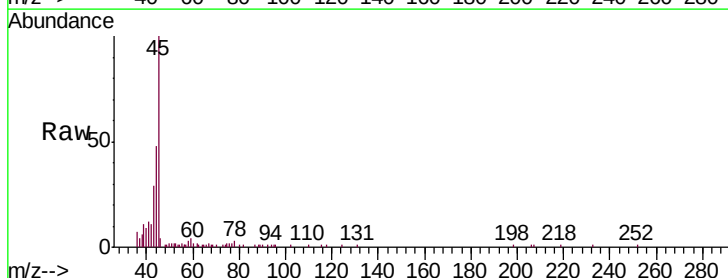
Acq: 04 Sep 2019 19:17

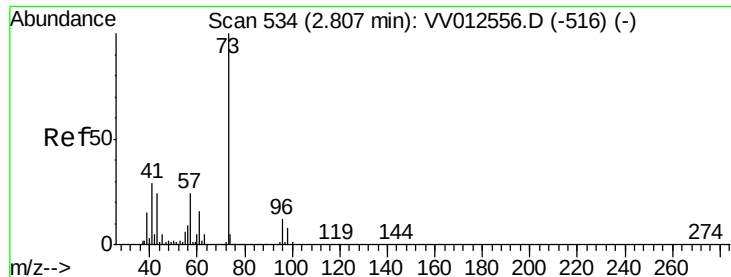
Tgt Ion: 43 Resp: 4883

Ion Ratio Lower Upper

43 100

74 2.4 17.3 25.9#

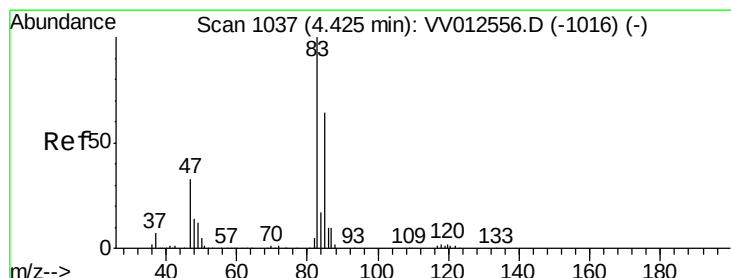
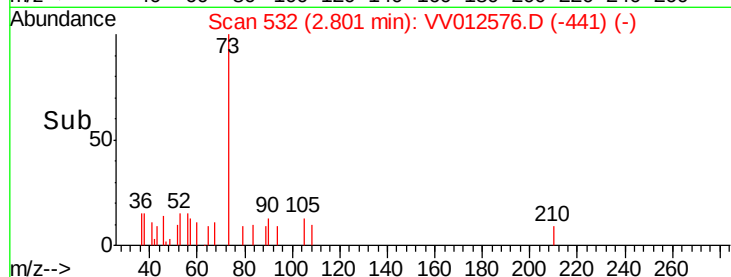
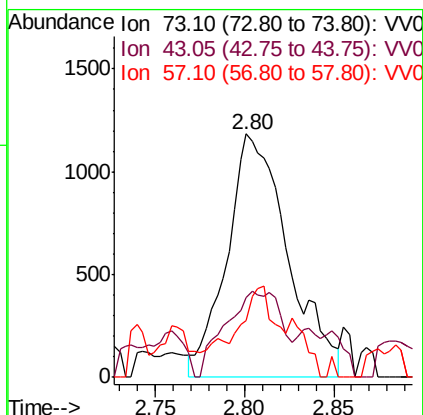
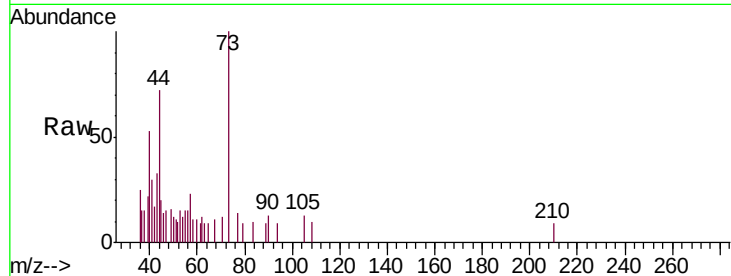




#17
Methyl tert-butyl Ether
Concen: 0.174 ug/L
RT: 2.80 min Scan# 532
Delta R.T. -0.01 min
Lab File: VV012576.D
Acq: 04 Sep 2019 19:17

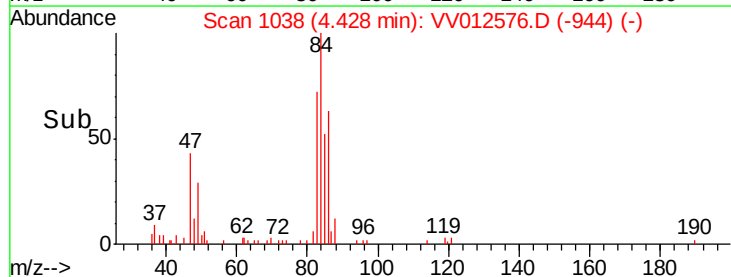
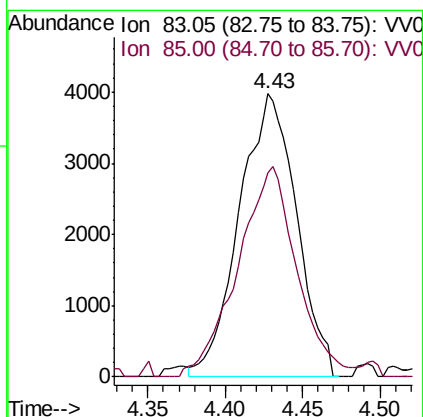
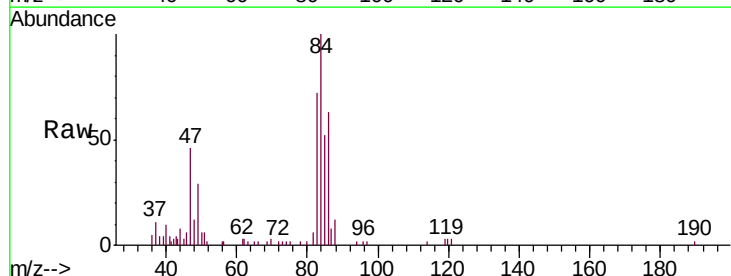
Instrument :
MSVOA_V
ClientSampleId :
BFD80

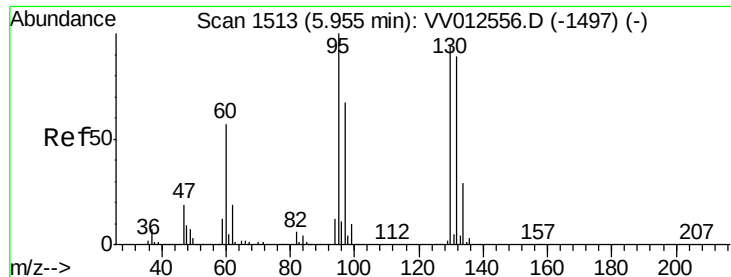
Tgt Ion: 73 Resp: 2831
Ion Ratio Lower Upper
73 100
43 32.5 18.9 28.3#
57 19.4 18.3 27.5



#25
Chloroform
Concen: 0.662 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012576.D
Acq: 04 Sep 2019 19:17

Tgt Ion: 83 Resp: 10205
Ion Ratio Lower Upper
83 100
85 72.2 45.1 83.9

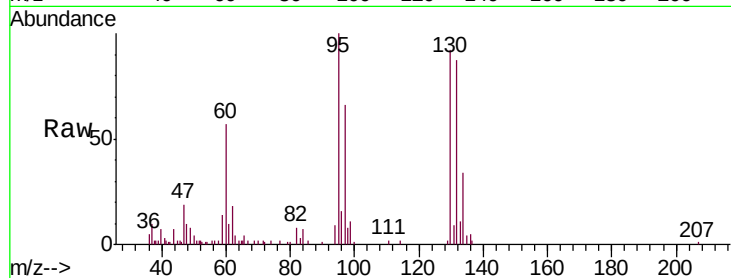




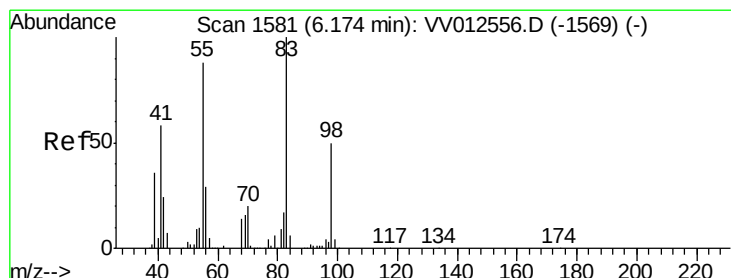
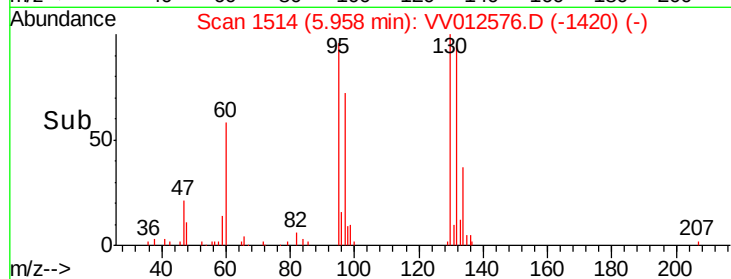
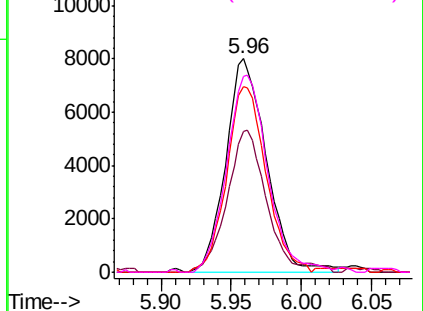
#34
 Trichloroethene
 Concen: 1.843 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV012576.D
 Acq: 04 Sep 2019 19:17

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD80

Tgt Ion: 95 Resp: 16104
 Ion Ratio Lower Upper
 95 100
 97 65.9 44.7 83.1
 132 86.6 63.8 118.4
 130 91.6 66.6 123.6

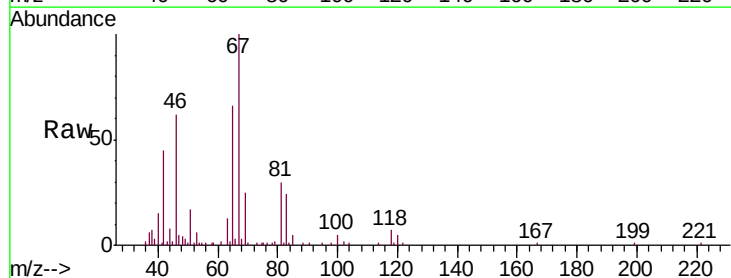


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

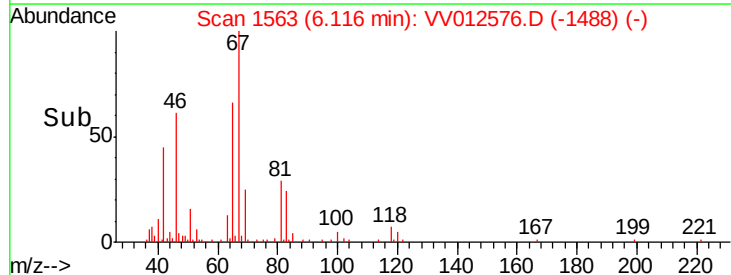
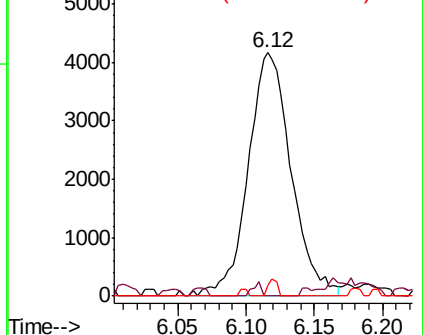


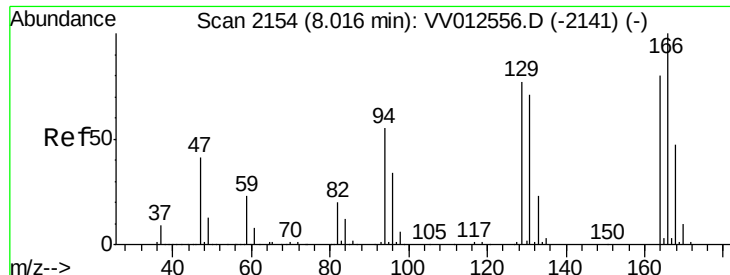
#35
 Methylcyclohexane
 Concen: 0.686 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV012576.D
 Acq: 04 Sep 2019 19:17

Tgt Ion: 83 Resp: 9117
 Ion Ratio Lower Upper
 83 100
 55 1.1 67.3 100.9#
 98 1.5 37.4 56.2#



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

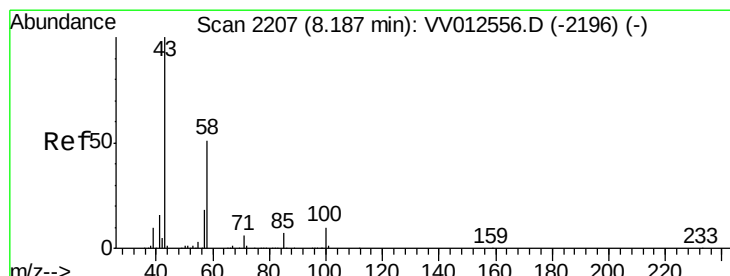
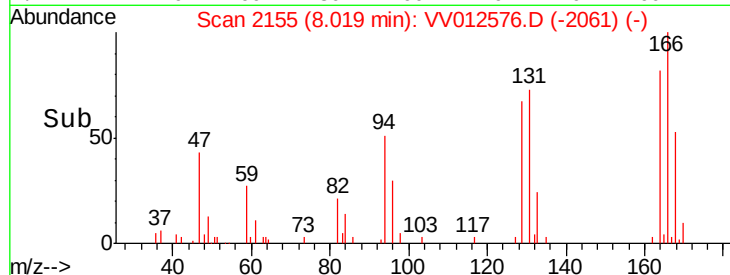
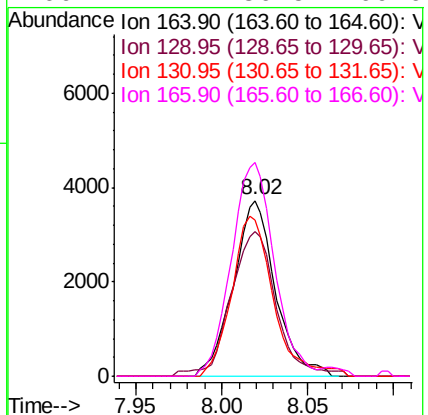
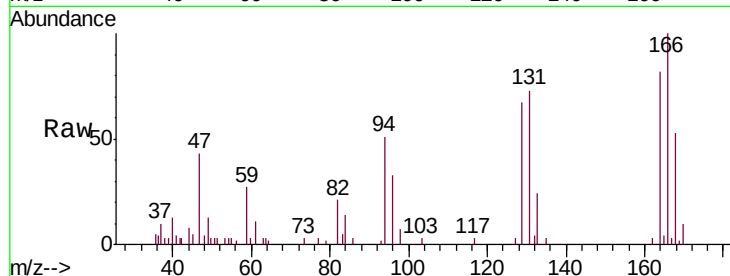




#47
Tetrachloroethene
Concen: 1.003 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV012576.D
Acq: 04 Sep 2019 19:17

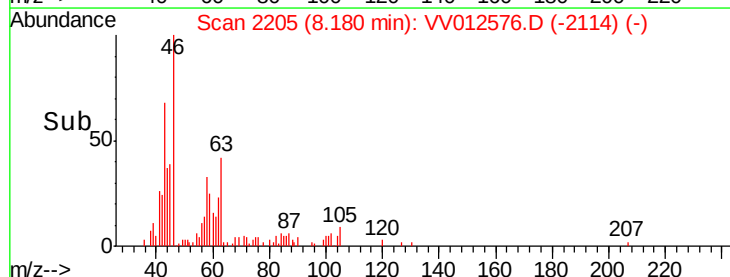
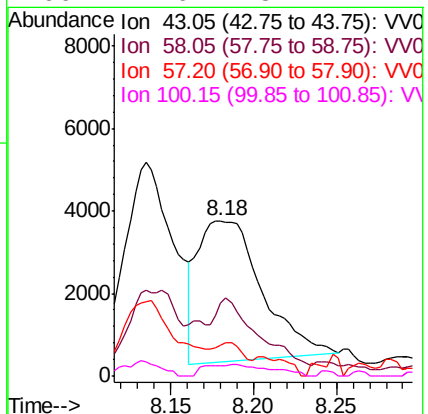
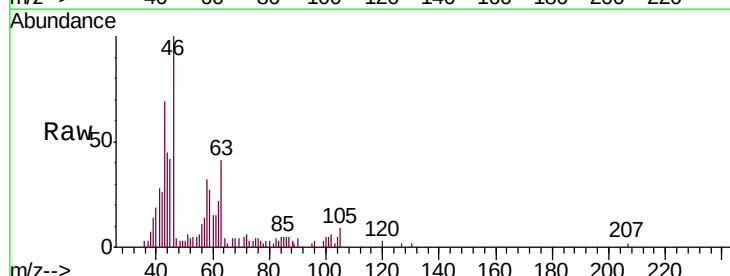
Instrument :
MSVOA_V
ClientSampleId :
BFD80

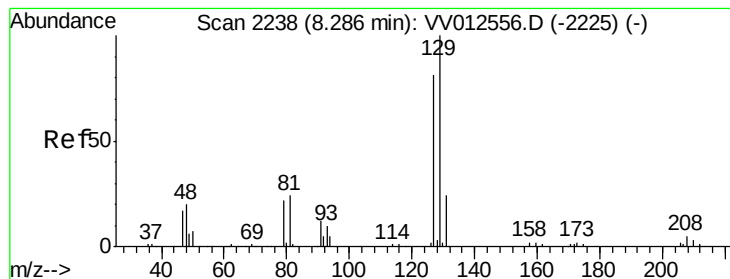
Tgt Ion:164 Resp: 6331
Ion Ratio Lower Upper
164 100
129 82.1 64.5 119.9
131 89.4 62.3 115.7
166 121.7 86.5 160.6



#48
2-Hexanone
Concen: 2.682 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.01 min
Lab File: VV012576.D
Acq: 04 Sep 2019 19:17

Tgt Ion: 43 Resp: 9215
Ion Ratio Lower Upper
43 100
58 32.5 40.0 60.0#
57 9.2 13.4 20.2#
100 2.6 8.2 12.2#





#49

Dibromochloromethane

Concen: 0.873 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV012576.D

Acq: 04 Sep 2019 19:17

Instrument :

MSVOA_V

ClientSampleId :

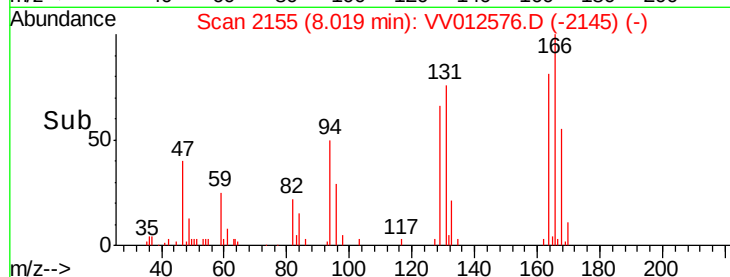
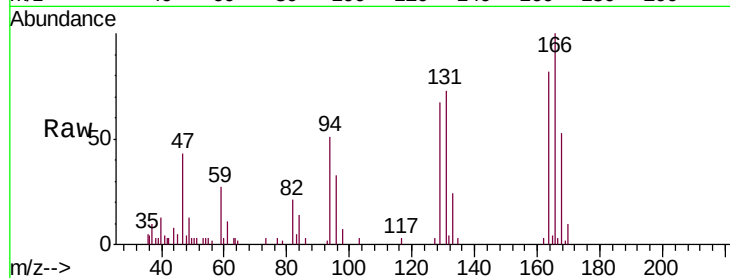
BFD80

Tgt Ion:129 Resp: 5423

Ion Ratio Lower Upper

129 100

127 4.1 54.9 102.1#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

