

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056427.D
 Acq On : 21 Jun 2019 15:39
 Operator : JC/SP
 Sample : K3482-05
 Misc : 5.19µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Jun 22 01:46:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	314447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	541050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	524053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	283011	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	176251	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
35) Dibromofluoromethane	7.59	113	146245	43.33	ug/l	0.00
Spiked Amount			Recovery	=	86.66%	
50) Toluene-d8	10.09	98	721255	54.92	ug/l	0.00
Spiked Amount			Recovery	=	109.84%	
62) 4-Bromofluorobenzene	12.40	95	338080	77.22	ug/l	0.00
Spiked Amount			Recovery	=	154.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.51	94	580	0.283	ug/l	88
16) Acetone	3.84	43	966	0.553	ug/l #	42
18) Methyl Acetate	4.34	43	6930	1.179	ug/l #	84
20) Methylene Chloride	4.53	84	827	Below Cal		97
25) 2-Butanone	6.87	43	4851	2.099	ug/l #	79
31) Cyclohexane	7.66	56	6229	1.157	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	20700	4.347	ug/l #	49
37) Ethyl Acetate	6.87	43	4851	1.037	ug/l #	69
38) Carbon Tetrachloride	7.66	117	27102	6.508	ug/l #	14
39) Methylcyclohexane	9.04	83	27085	4.609	ug/l #	32
43) Isopropyl Acetate	8.14	43	11874	1.645	ug/l #	54
46) Dibromomethane	9.36	93	556	0.227	ug/l #	1
47) Bromodichloromethane	9.36	83	8468	1.948	ug/l #	49
48) Methyl methacrylate	9.14	41	32204	8.905	ug/l #	38
51) 4-Methyl-2-Pentanone	10.08	43	47464	10.190	ug/l #	56
53) t-1,3-Dichloropropene	10.38	75	103	2.911	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	222862	61.908	ug/l #	20
56) Ethyl methacrylate	10.43	69	97899	18.609	ug/l #	3
59) 2-Hexanone	10.72	43	1114641	325.604	ug/l #	28
60) Dibromochloromethane	10.82	129	1809	2.847	ug/l #	49
61) 1,2-Dibromoethane	11.00	107	1367	0.372	ug/l #	3
65) Chlorobenzene	11.44	112	3520	0.334	ug/l #	43
67) Ethyl Benzene	11.54	91	7524	0.407	ug/l #	53
68) m/p-Xylenes	11.62	106	1429	0.211	ug/l #	1
71) Bromoform	12.39	173	1849	3.746	ug/l #	1
73) Isopropylbenzene	12.25	105	19796	Below Cal		91
74) N-amyl acetate	12.04	43	1186146	131.690	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.47	83	111288	14.743	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	110807	18.882	ug/l #	100
77) Bromobenzene	12.50	156	1512	0.239	ug/l #	1
78) n-propylbenzene	12.59	91	27828	1.074	ug/l	92
79) 2-Chlorotoluene	12.65	91	16573	Below Cal		90
80) 1,3,5-Trimethylbenzene	12.65	105	1391	Below Cal		70
81) trans-1,4-Dichloro-2-buten	12.40	75	110807	67.111	ug/l #	25

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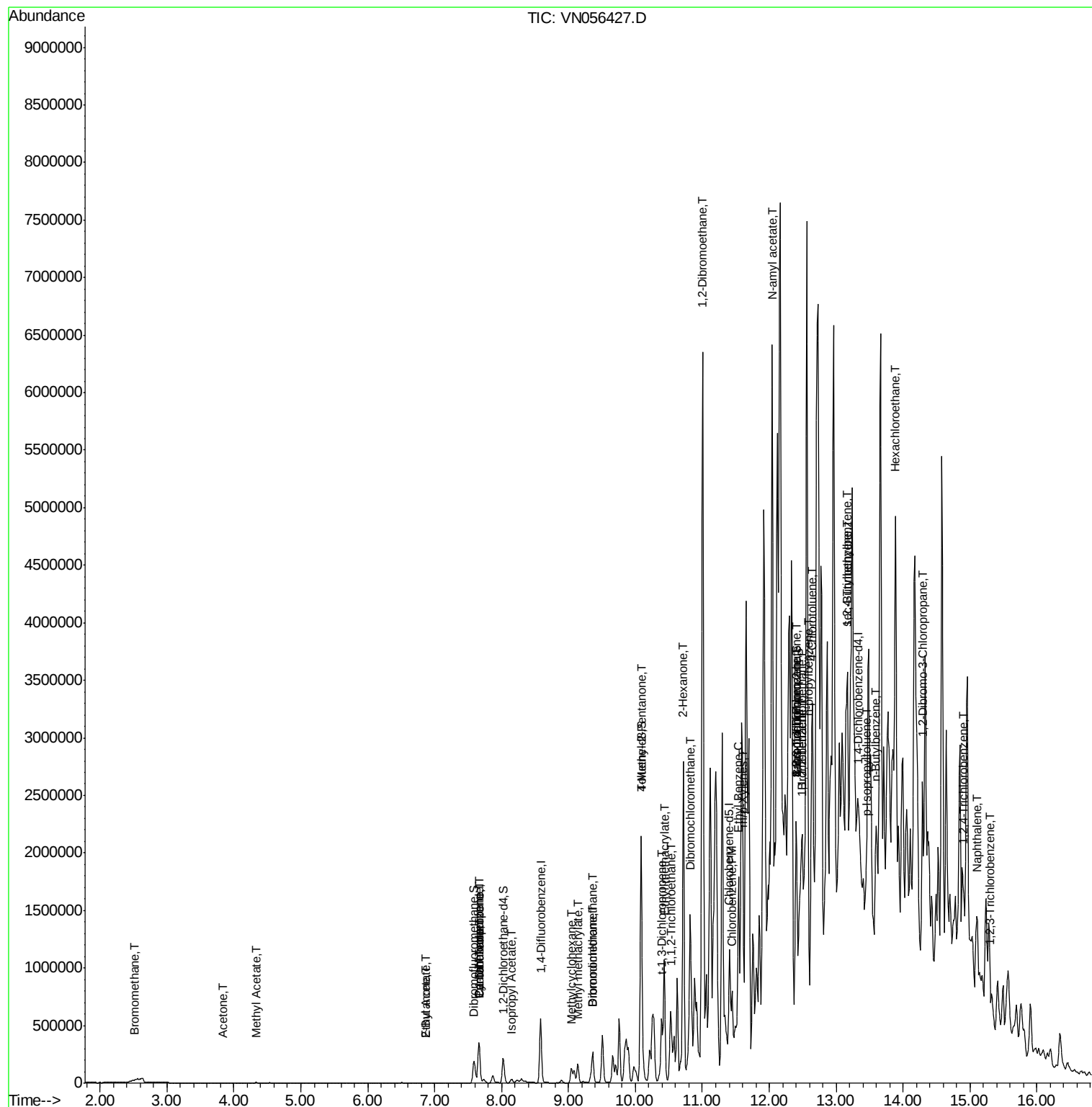
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.65	91	17011	1.112	ug/l	90
83) tert-Butylbenzene	12.99	119	21696	Below Cal	#	5
84) 1,2,4-Trimethylbenzene	13.17	105	408751	21.454	ug/l #	31
85) sec-Butylbenzene	13.17	105	408751	17.944	ug/l #	77
86) p-Isopropyltoluene	13.44	119	88695	4.537	ug/l #	78
89) n-Butylbenzene	13.59	91	80111	5.413	ug/l #	9
90) Hexachloroethane	13.89	117	135708	44.526	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.29	75	4229	4.038	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	5193	6.544	ug/l #	1
94) Hexachlorobutadiene	15.01	225	880	Below Cal		95
95) Naphthalene	15.10	128	23118	6.843	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.31	180	5577	5.470	ug/l #	82

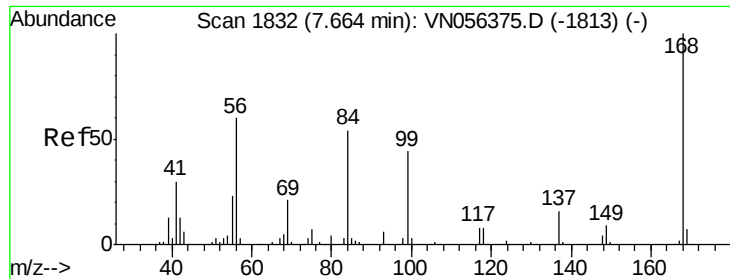
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampled :

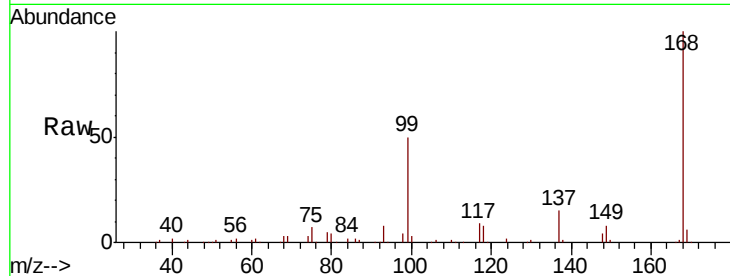
TP-3

Tot Ion:168 Resp: 314447

Ion Ratio Lower Upper

168 100

99 49.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

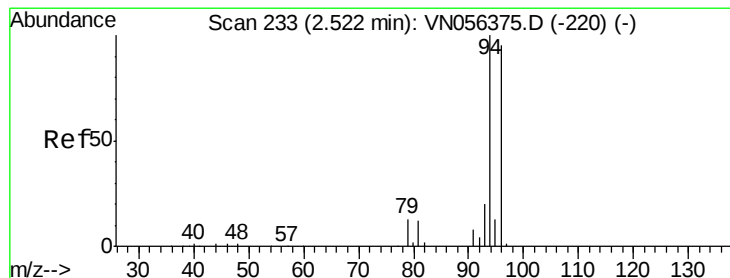
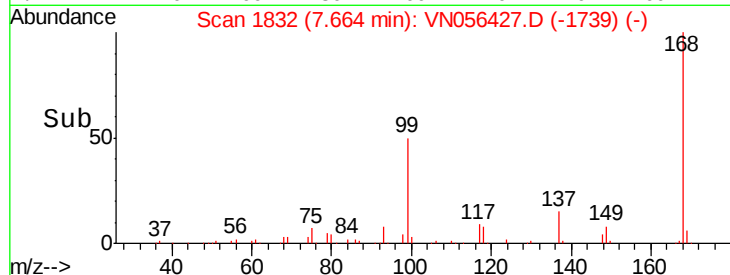
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#5

Bromomethane

Concen: 0.283 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.01 min

Lab File: VN056427.D

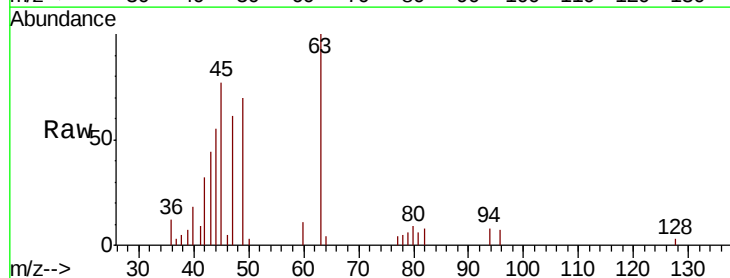
Acq: 21 Jun 2019 15:39

Tgt Ion: 94 Resp: 580

Ion Ratio Lower Upper

94 100

96 82.9 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.51

400

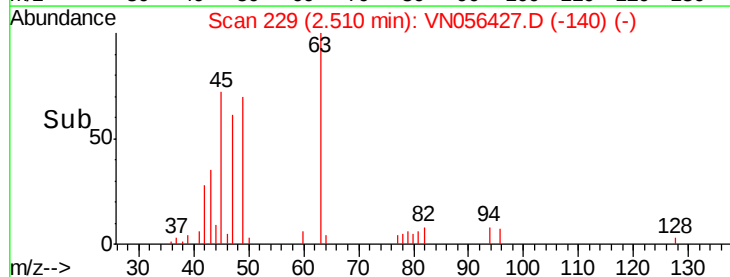
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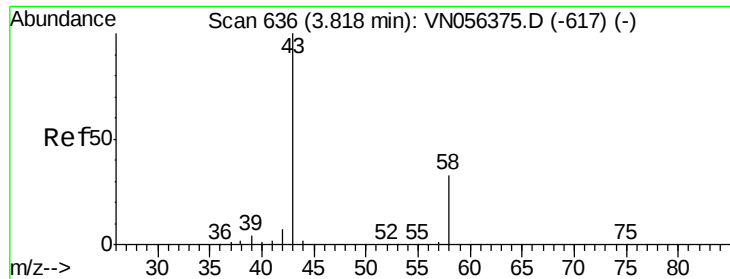
200

100

0

Time--> 2.48 2.50 2.52 2.54





#16

Acetone

Concen: 0.553 ug/l

RT: 3.84 min Scan# 643

Delta R.T. 0.02 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampled :

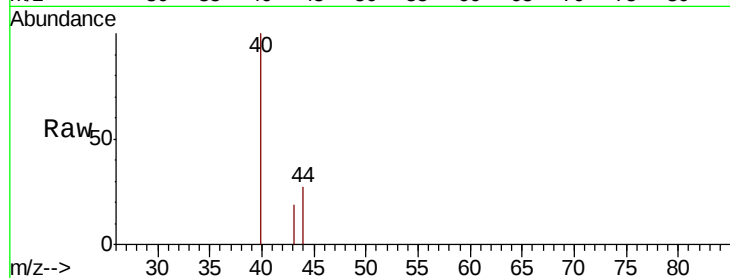
TP-3

Tot Ion: 43 Resp: 966

Ion Ratio Lower Upper

43 100

58 0.0 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.84

300

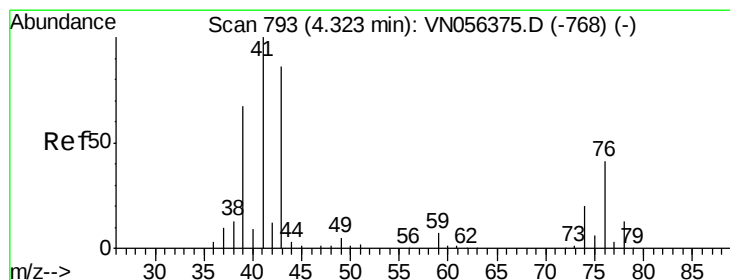
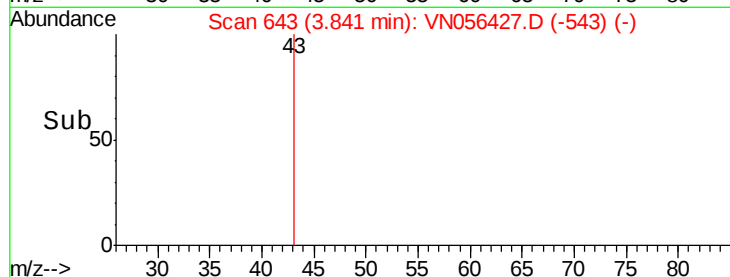
200

100

0

Time-->

3.80 3.85



#18

Methyl Acetate

Concen: 1.179 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN056427.D

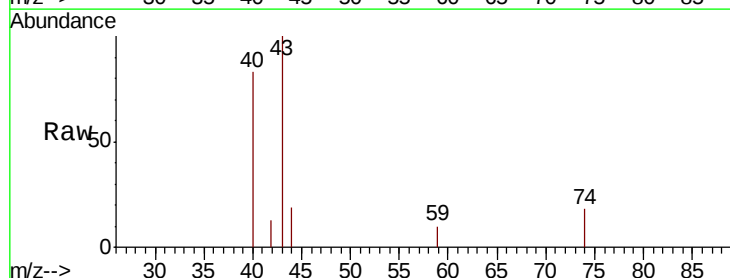
Acq: 21 Jun 2019 15:39

Tgt Ion: 43 Resp: 6930

Ion Ratio Lower Upper

43 100

74 16.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

2500

2000

1500

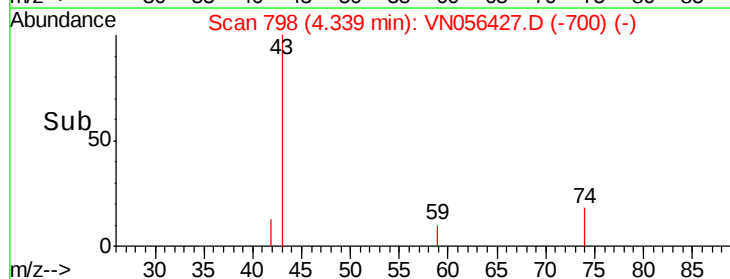
1000

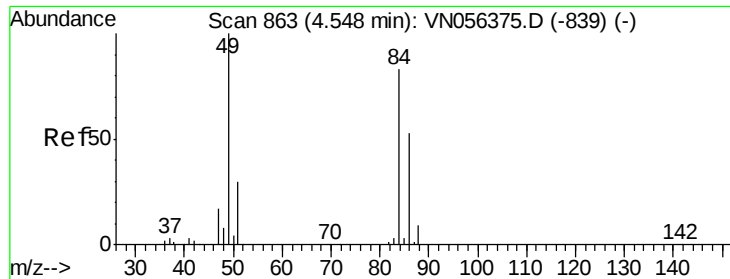
500

0

Time-->

4.25 4.30 4.35 4.40

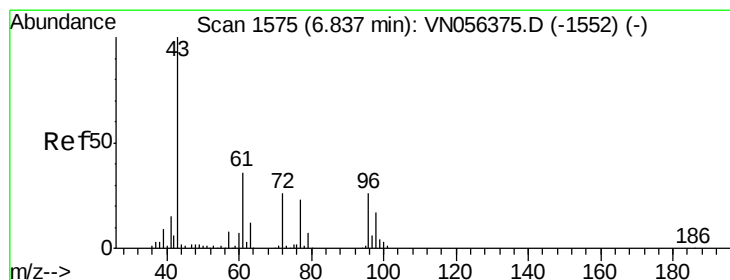
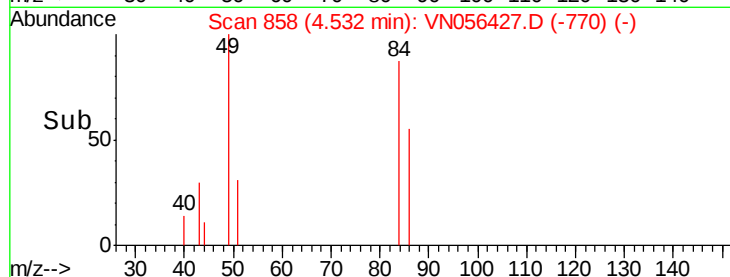
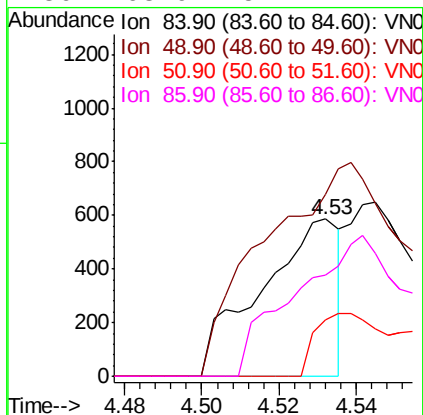
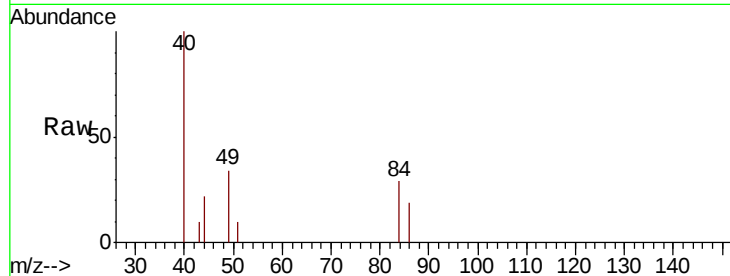




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.53 min Scan# 858
Delta R.T. -0.02 min
Lab File: VN056427.D
Acq: 21 Jun 2019 15:39

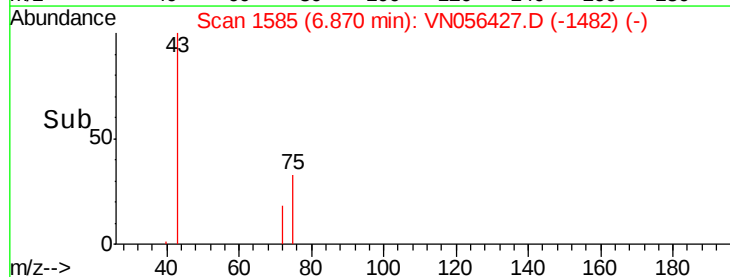
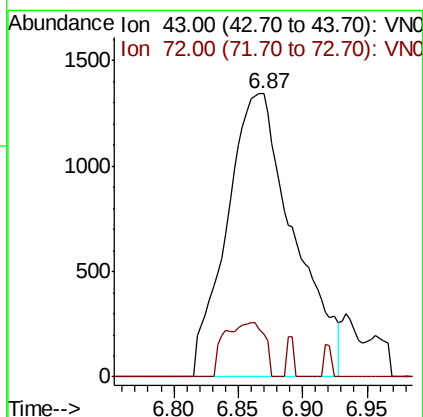
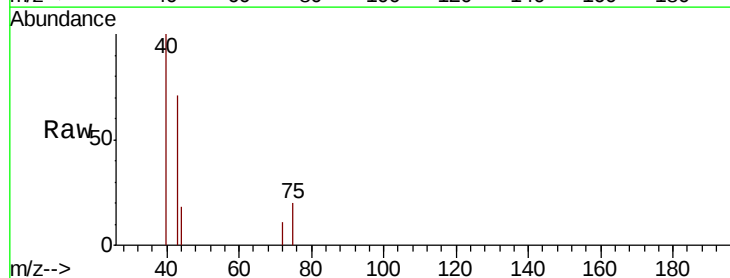
Instrument :
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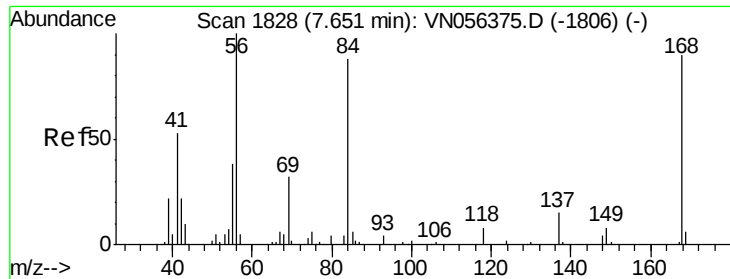
Tot Ion:	84	Resp:	827
Ion	Ratio	Lower	Upper
84	100		
49	115.2	96.4	144.6
51	35.4	28.6	43.0
86	63.9	51.4	77.2



#25
2-Butanone
Concen: 2.099 ug/l
RT: 6.87 min Scan# 1585
Delta R.T. 0.03 min
Lab File: VN056427.D
Acq: 21 Jun 2019 15:39

Tgt Ion:	43	Resp:	4851
Ion	Ratio	Lower	Upper
43	100		
72	15.1	20.6	31.0#

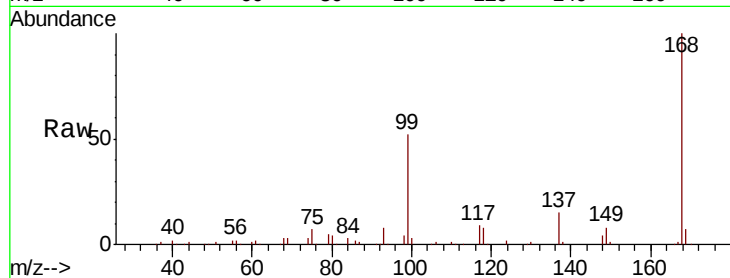




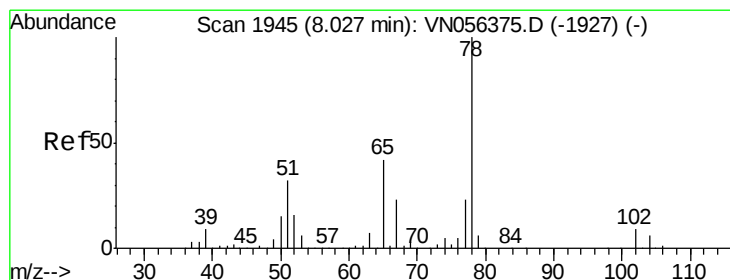
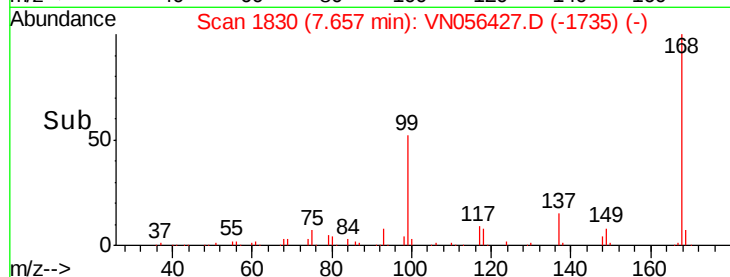
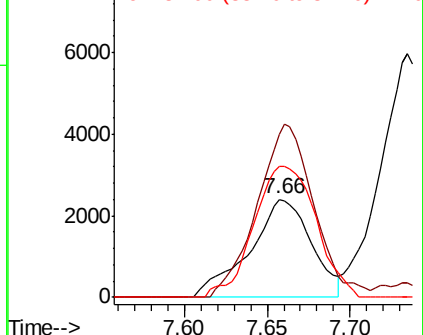
#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN056427.D
Acq: 21 Jun 2019 15:39

Instrument :
MSVOA_N
ClientSampled :
TP-3

Tot Ion: 56 Resp: 6229
Ion Ratio Lower Upper
56 100
69 166.8 25.8 38.6#
84 133.5 69.4 104.0#

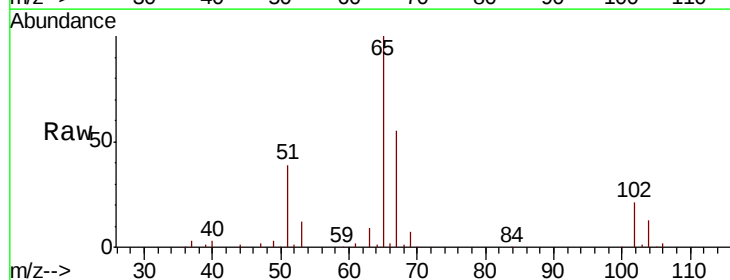


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

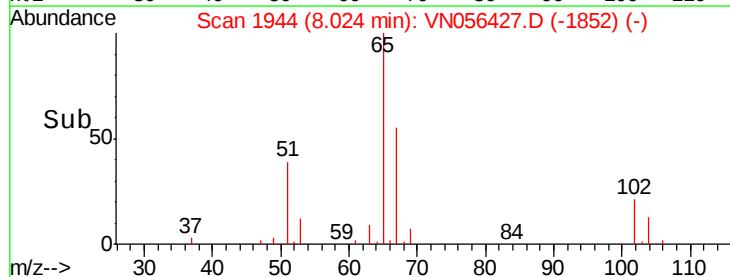
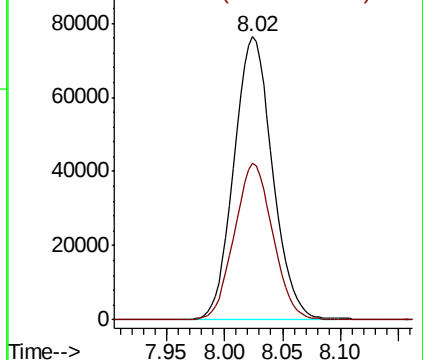


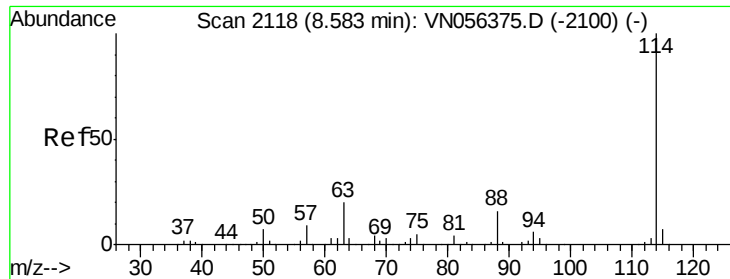
#33
1,2-Dichloroethane-d4
Concen: 50.574 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN056427.D
Acq: 21 Jun 2019 15:39

Tgt Ion: 65 Resp: 176251
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

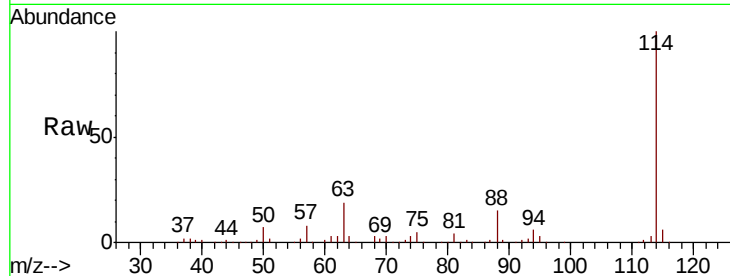




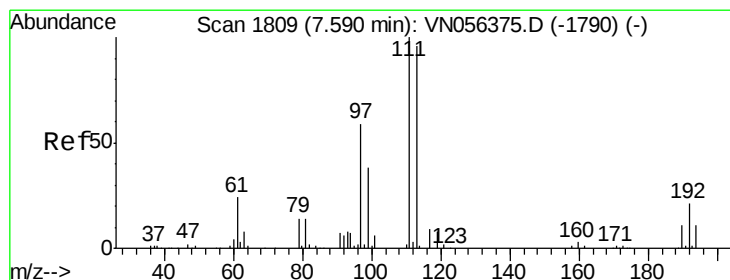
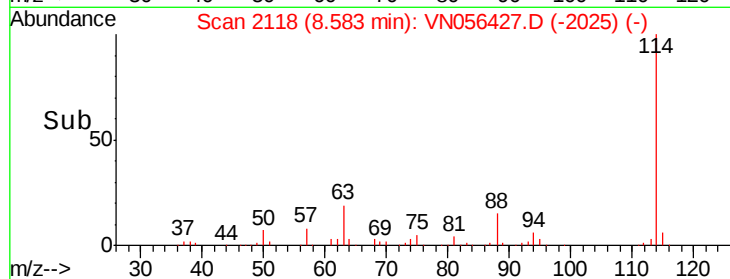
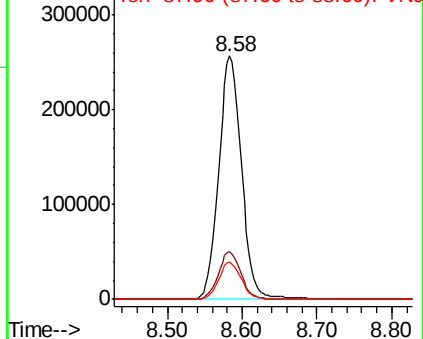
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056427.D
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Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.2
88	15.2	0.0	31.4

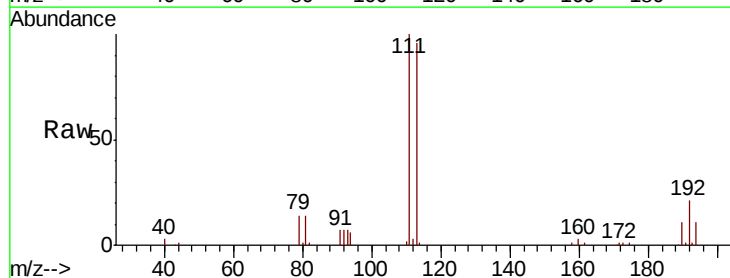


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

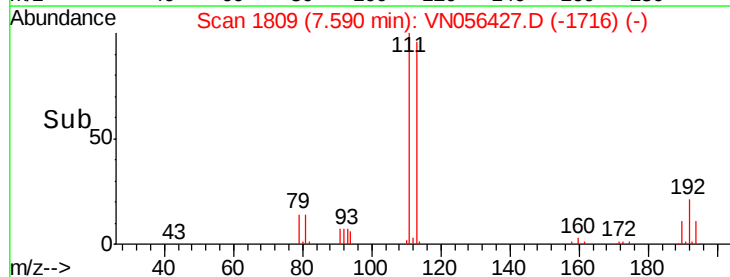
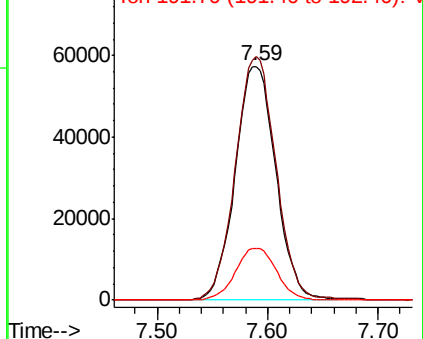


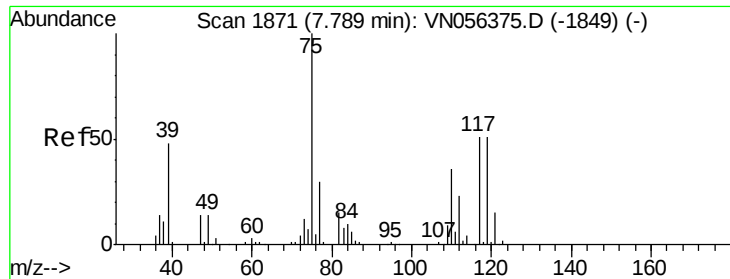
#35
 Dibromofluoromethane
 Concen: 43.329 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056427.D
 Acq: 21 Jun 2019 15:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.9	124.3
192	22.5	17.7	26.5



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

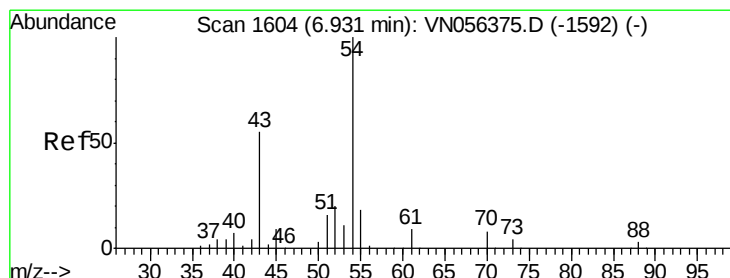
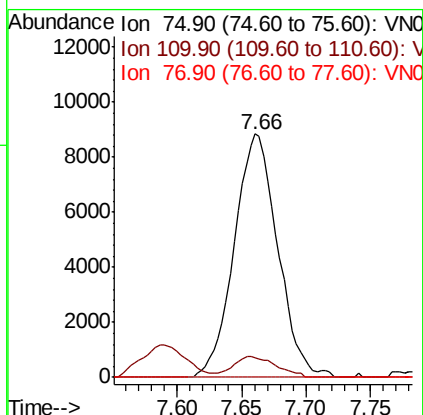
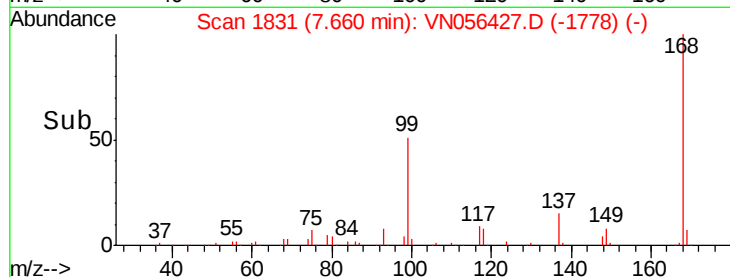
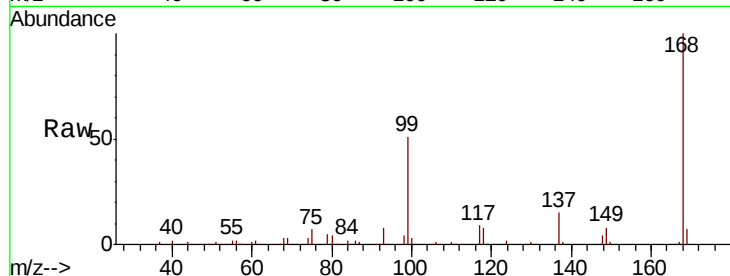




#36
 1,1-Dichloropropene
 Concen: 4.347 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN056427.D
 Acq: 21 Jun 2019 15:39

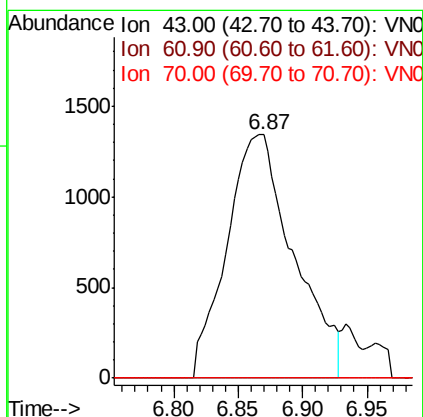
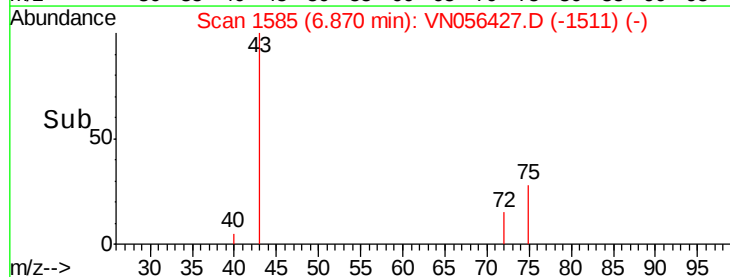
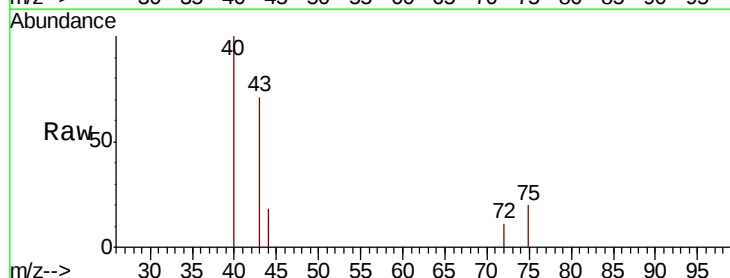
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

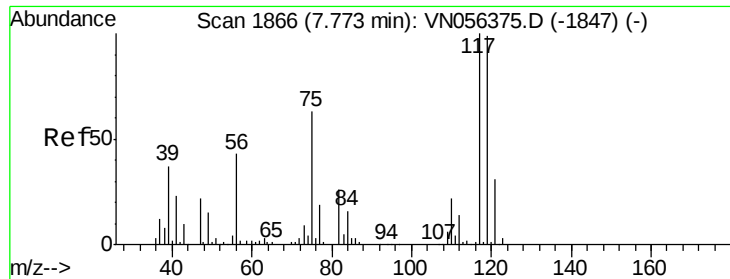
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.3#
77	0.0	24.6	36.8#



#37
 Ethyl Acetate
 Concen: 1.037 ug/l
 RT: 6.87 min Scan# 1585
 Delta R.T. -0.06 min
 Lab File: VN056427.D
 Acq: 21 Jun 2019 15:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	8.3	12.5#





#38

Carbon Tetrachloride

Concen: 6.508 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

TP-3

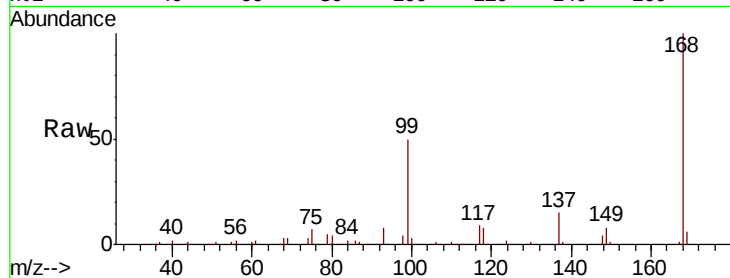
Tot Ion:117 Resp: 27102

Ion Ratio Lower Upper

117 100

119 4.7 79.1 118.7#

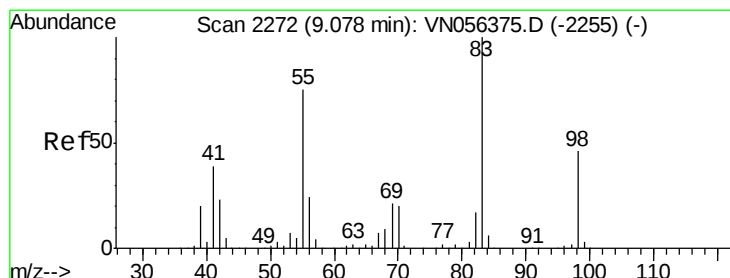
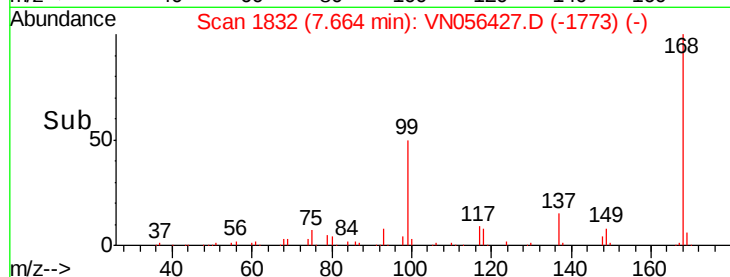
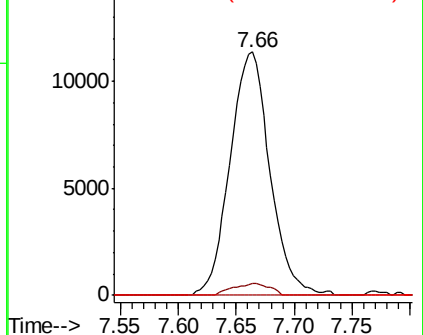
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 4.609 ug/l

RT: 9.04 min Scan# 2261

Delta R.T. -0.04 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

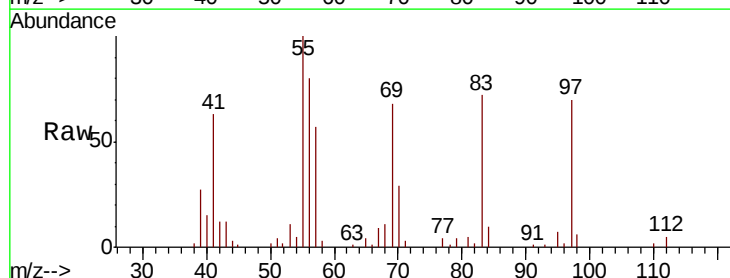
Tgt Ion: 83 Resp: 27085

Ion Ratio Lower Upper

83 100

55 138.1 60.0 90.0#

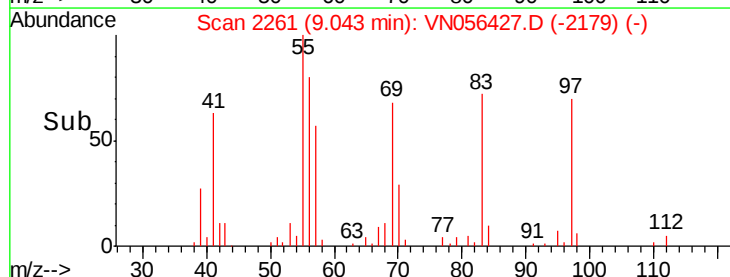
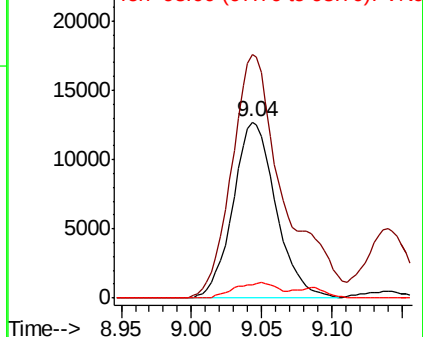
98 7.8 36.6 54.8#

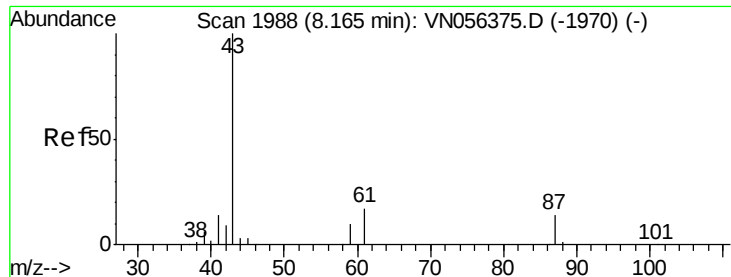


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#43

Isopropyl Acetate

Concen: 1.645 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.02 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampled :

TP-3

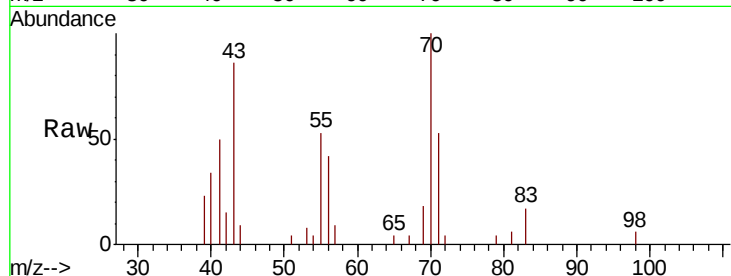
Tot Ion: 43 Resp: 11874

Ion Ratio Lower Upper

43 100

61 0.0 22.0 33.0#

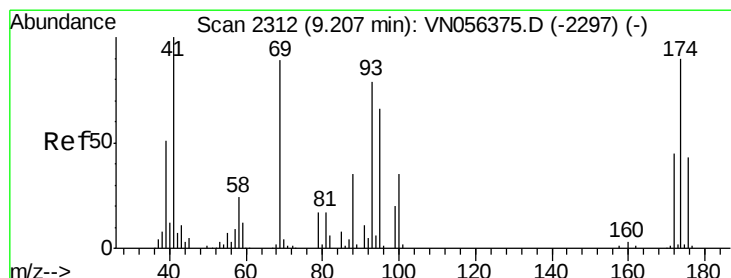
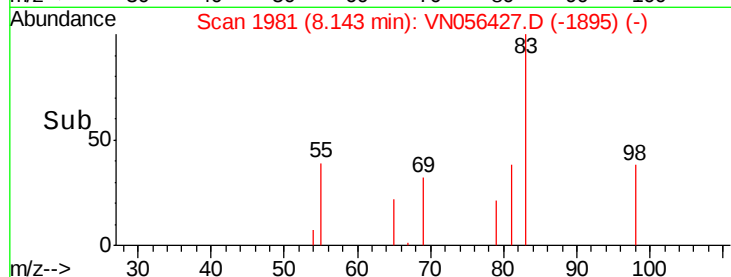
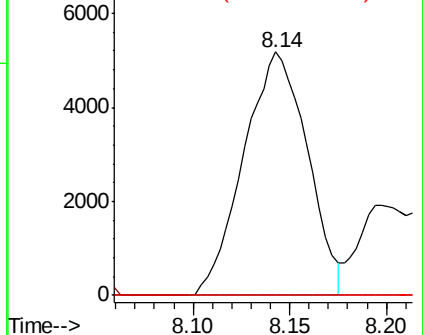
87 0.0 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#46

Dibromomethane

Concen: 0.227 ug/l

RT: 9.36 min Scan# 2360

Delta R.T. 0.15 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

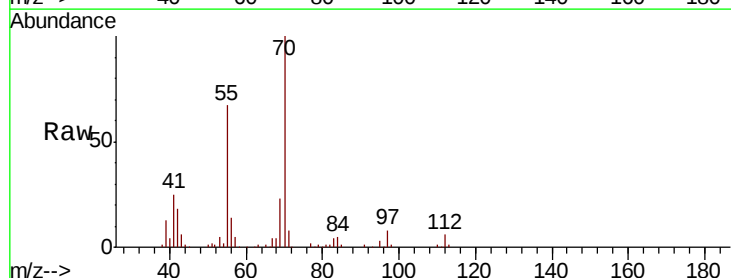
Tgt Ion: 93 Resp: 556

Ion Ratio Lower Upper

93 100

95 1014.4 66.2 99.2#

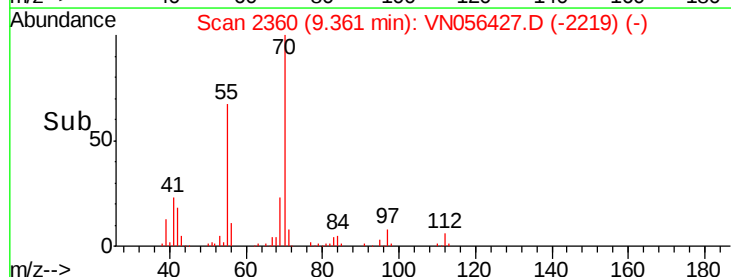
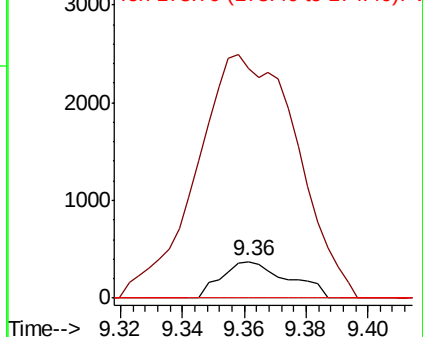
174 0.0 90.8 136.2#

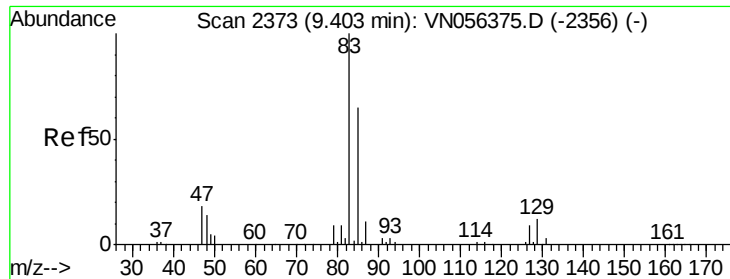


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.948 ug/l

RT: 9.36 min Scan# 2360

Delta R.T. -0.04 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

TP-3

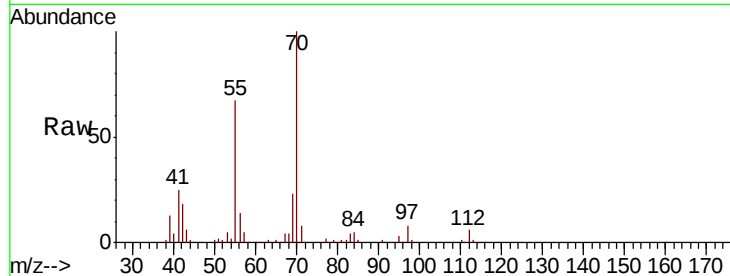
Tot Ion: 83 Resp: 8468

Ion Ratio Lower Upper

83 100

85 22.4 52.2 78.4#

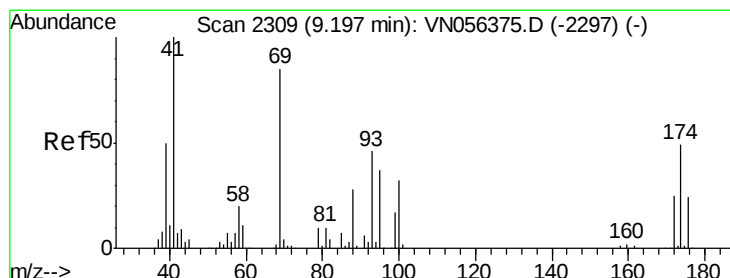
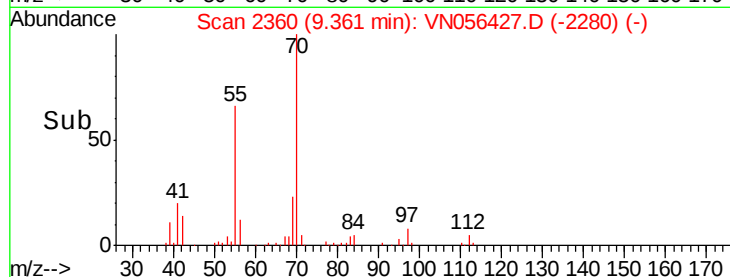
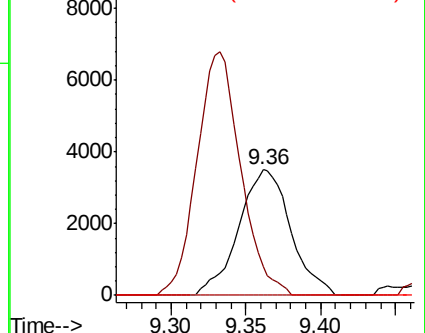
127 0.0 7.3 10.9#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 126.80 (126.50 to 127.50): VNC



#48

Methyl methacrylate

Concen: 8.905 ug/l

RT: 9.14 min Scan# 2290

Delta R.T. -0.06 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

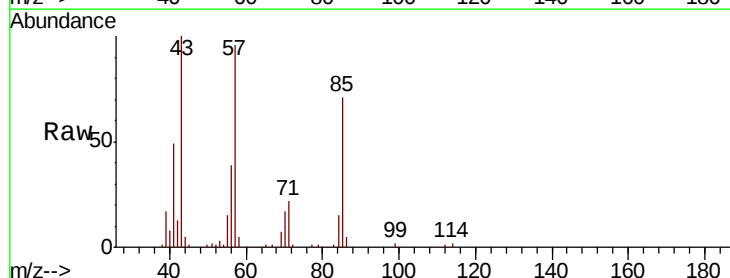
Tgt Ion: 41 Resp: 32204

Ion Ratio Lower Upper

41 100

69 15.4 72.6 109.0#

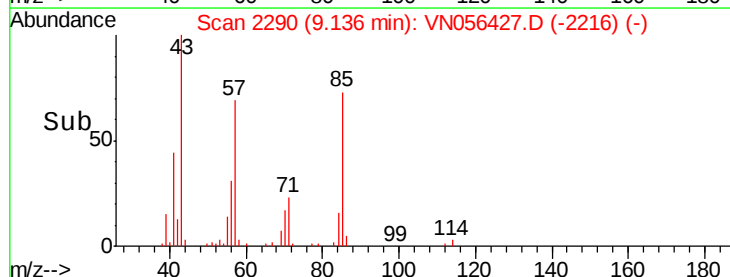
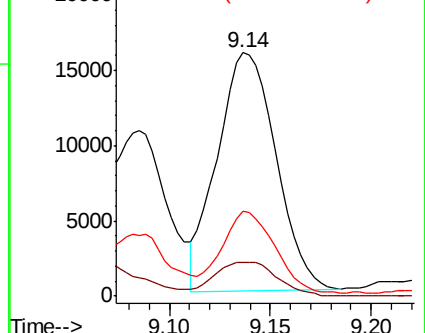
39 31.3 42.6 63.8#

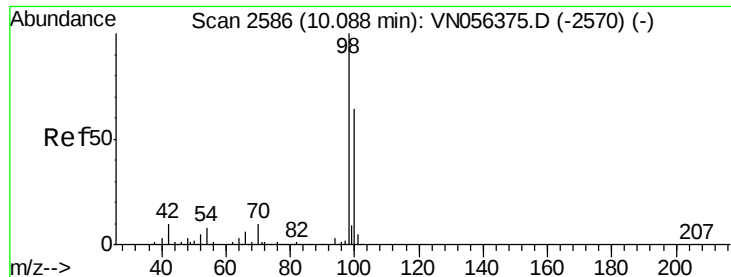


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#50

Toluene-d8

Concen: 54.918 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

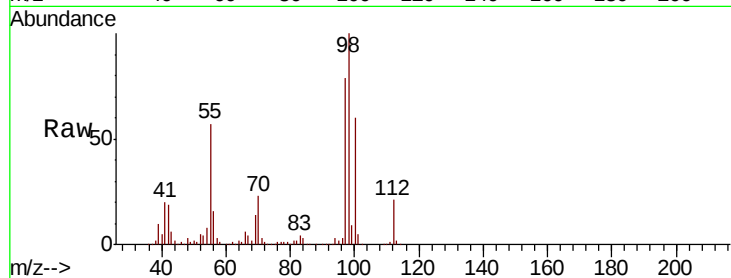
TP-3

Tot Ion: 98 Resp: 721255

Ion Ratio Lower Upper

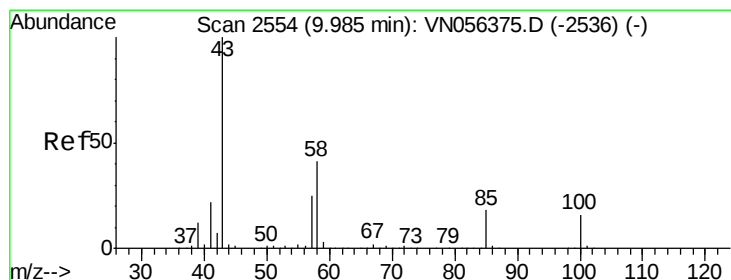
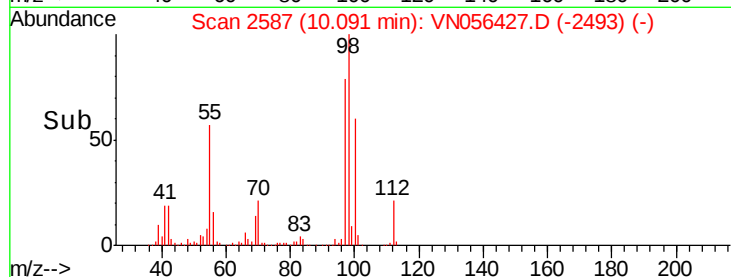
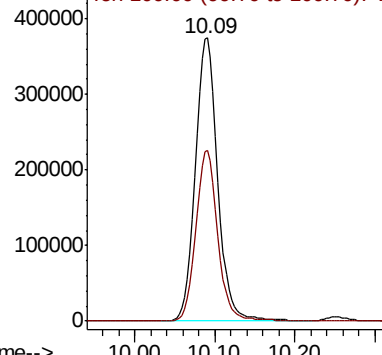
98 100

100 59.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 10.190 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.10 min

Lab File: VN056427.D

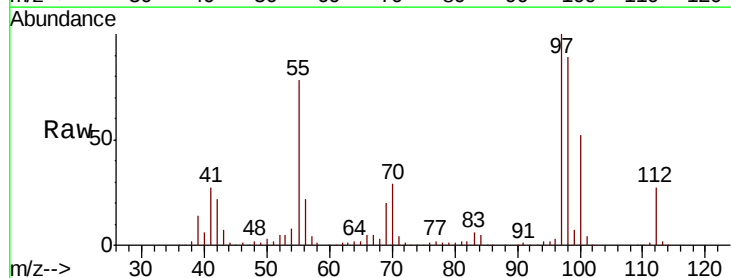
Acq: 21 Jun 2019 15:39

Tgt Ion: 43 Resp: 47464

Ion Ratio Lower Upper

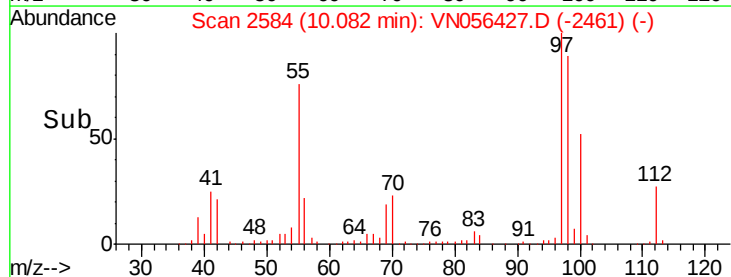
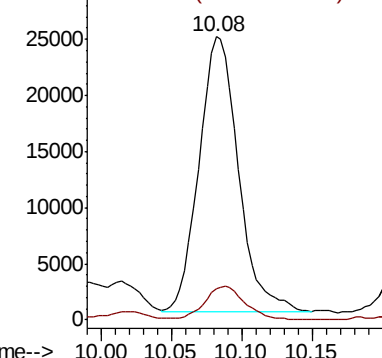
43 100

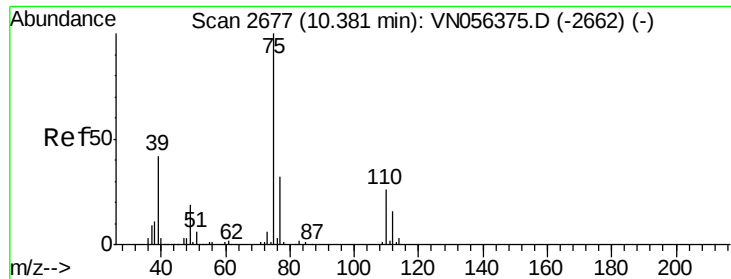
58 12.6 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#53

t-1,3-Dichloropropene

Concen: 2.911 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

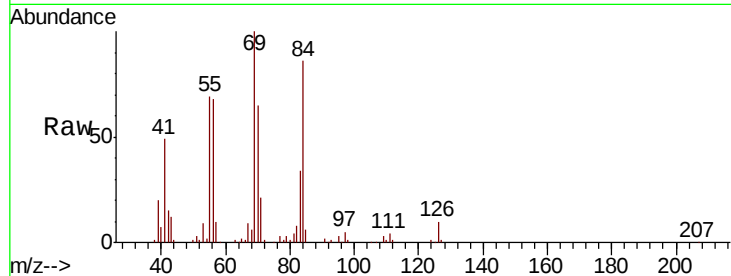
TP-3

Tot Ion: 75 Resp: 103

Ion Ratio Lower Upper

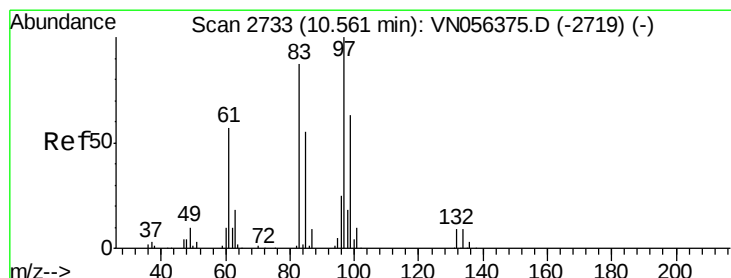
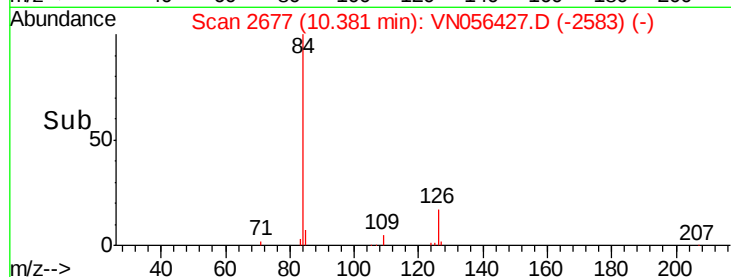
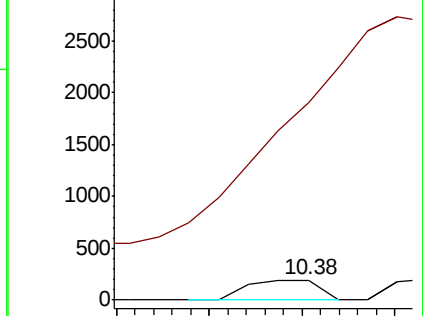
75 100

77 606.8 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#55

1,1,2-Trichloroethane

Concen: 61.908 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Tgt Ion: 97 Resp: 222862

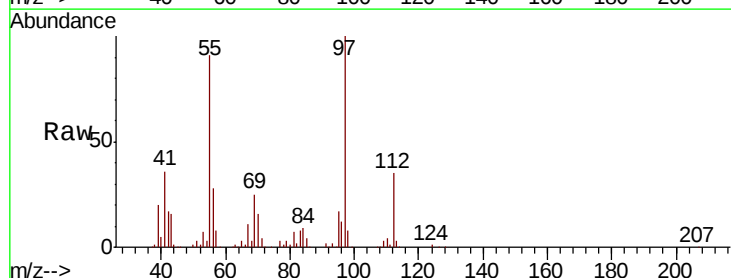
Ion Ratio Lower Upper

97 100

83 7.9 69.8 104.6#

85 4.5 43.8 65.8#

99 0.3 50.2 75.2#

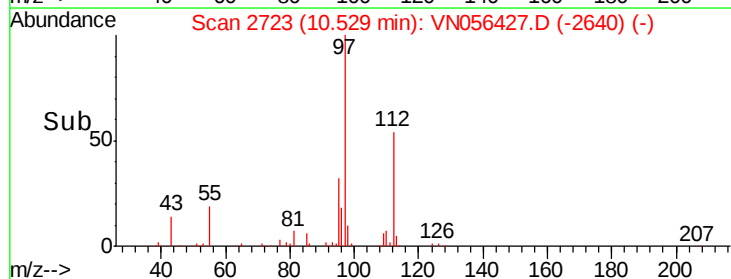
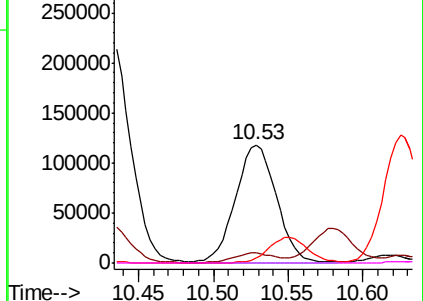


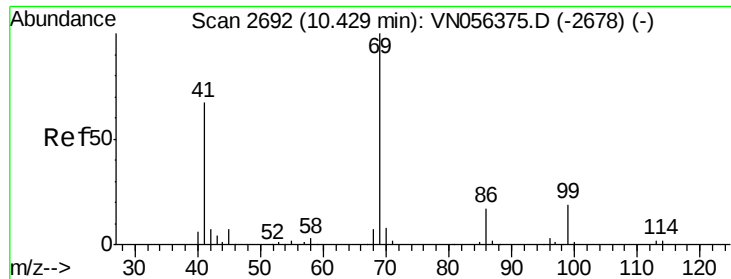
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

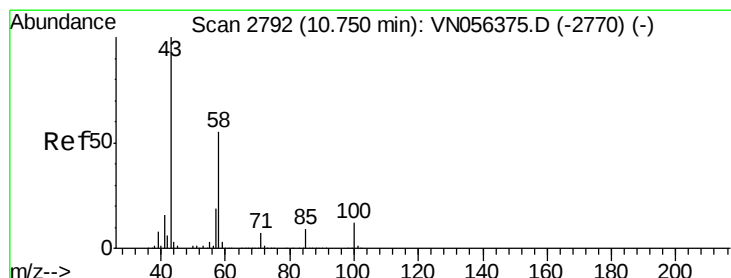
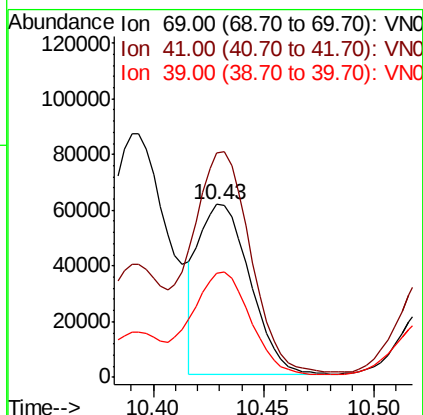
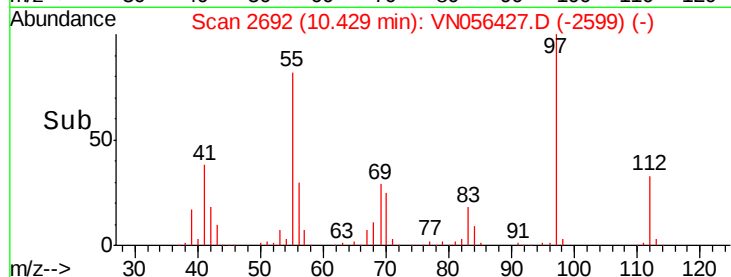
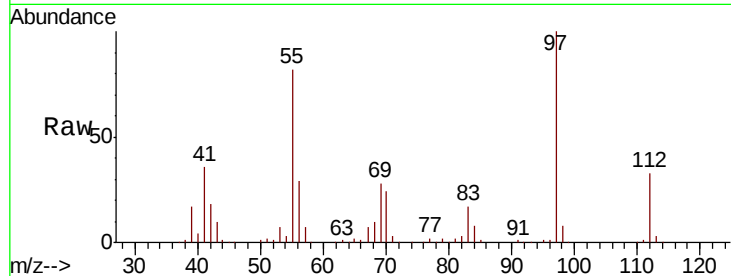




#56
Ethyl methacrylate
Concen: 18.609 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. -0.00 min
Lab File: VN056427.D
Acq: 21 Jun 2019 15:39

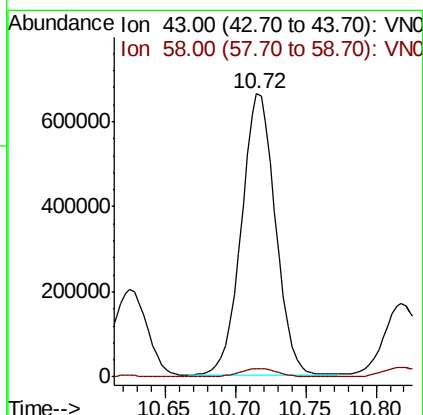
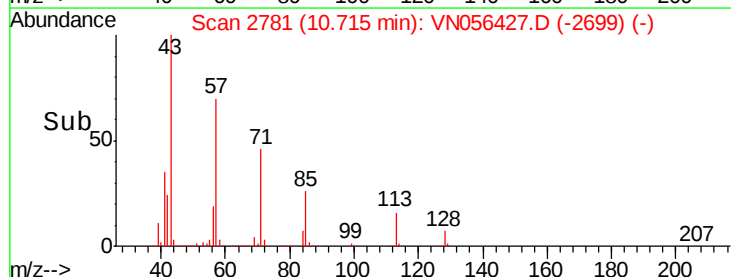
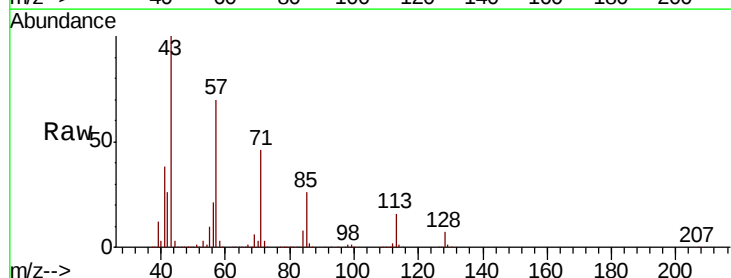
Instrument :
MSVOA_N
ClientSampled :
TP-3

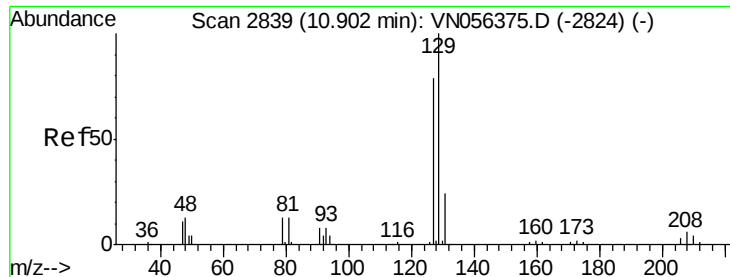
Tot Ion: 69 Resp: 97899
Ion Ratio Lower Upper
69 100
41 150.9 51.4 77.2#
39 68.8 24.7 37.1#



#59
2-Hexanone
Concen: 325.604 ug/l
RT: 10.72 min Scan# 2781
Delta R.T. -0.04 min
Lab File: VN056427.D
Acq: 21 Jun 2019 15:39

Tgt Ion: 43 Resp: 1114641
Ion Ratio Lower Upper
43 100
58 3.3 27.8 83.4#





#60

Dibromochloromethane

Concen: 2.847 ug/l

RT: 10.82 min Scan# 2814

Delta R.T. -0.08 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

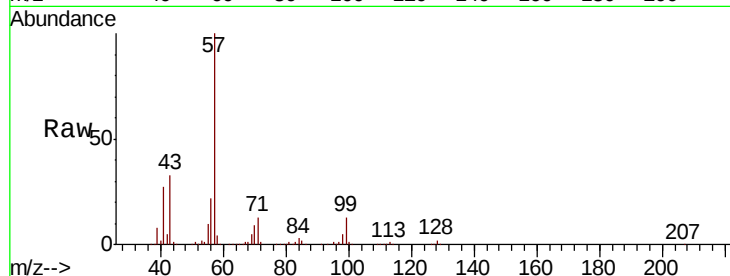
TP-3

Tot Ion:129 Resp: 1809

Ion Ratio Lower Upper

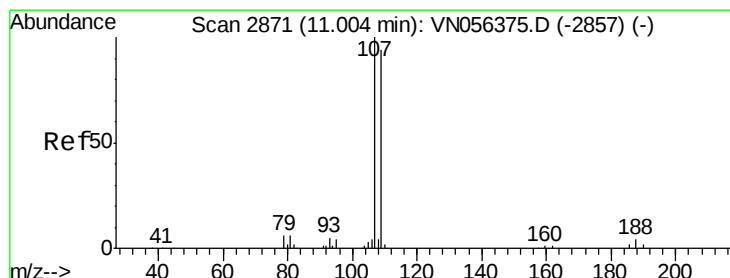
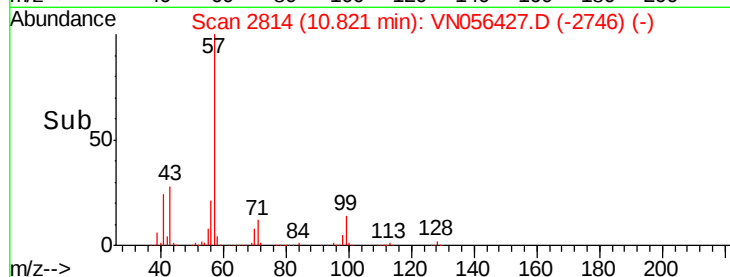
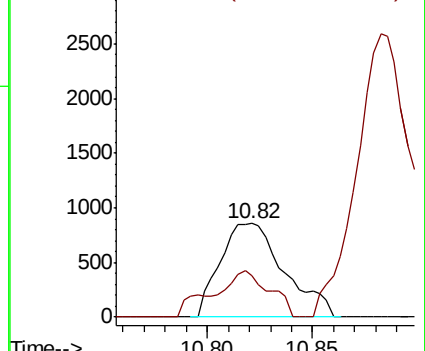
129 100

127 33.6 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.372 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056427.D

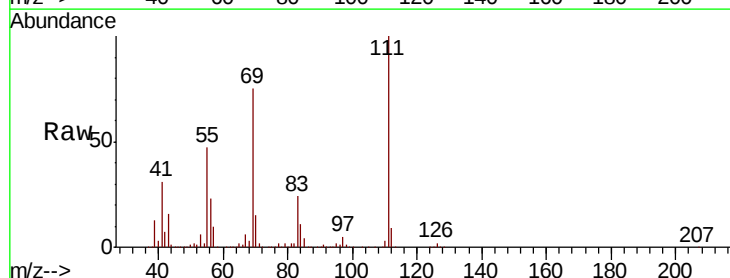
Acq: 21 Jun 2019 15:39

Tgt Ion:107 Resp: 1367

Ion Ratio Lower Upper

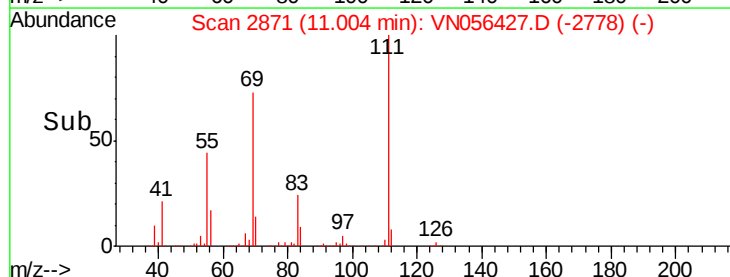
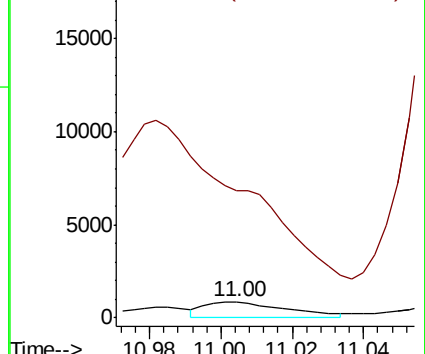
107 100

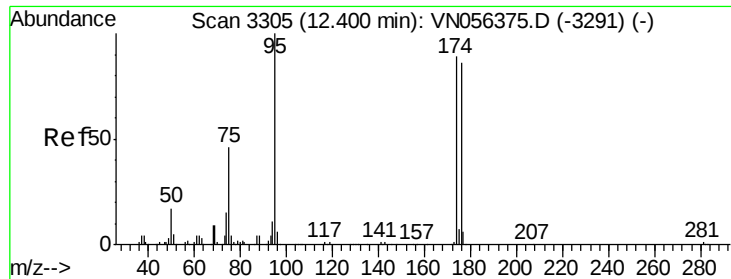
109 0.0 75.3 112.9#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 77.220 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampled :

TP-3

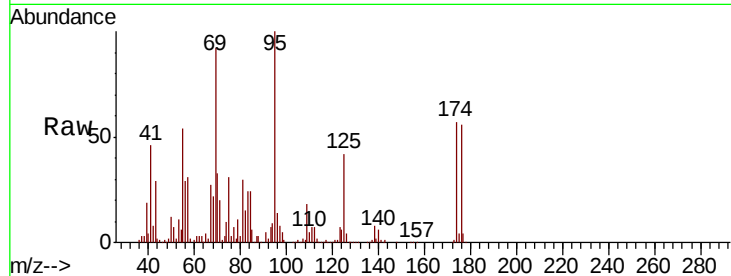
Tot Ion: 95 Resp: 338080

Ion Ratio Lower Upper

95 100

174 63.4 0.0 179.4

176 61.2 0.0 173.4

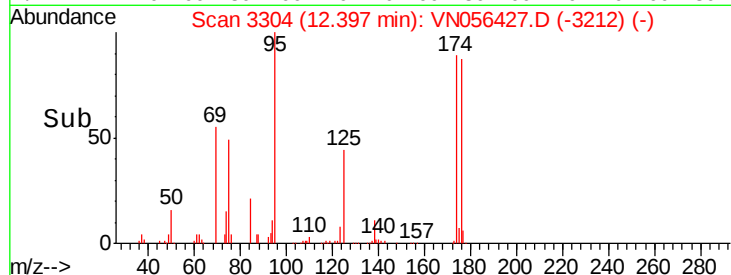


Abundance Ion 94.90 (94.60 to 95.60): VN056427.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056427.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056427.D (-3291) (-)

Time-->

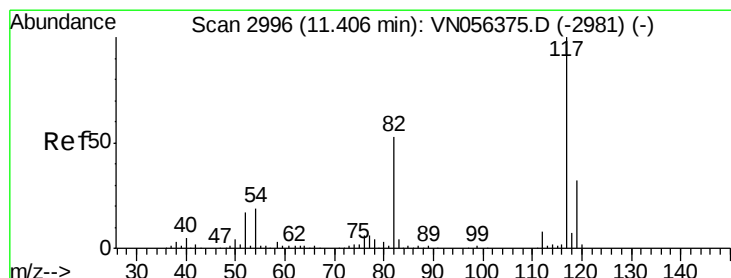


Abundance Ion 94.90 (94.60 to 95.60): VN056427.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056427.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056427.D (-3291) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

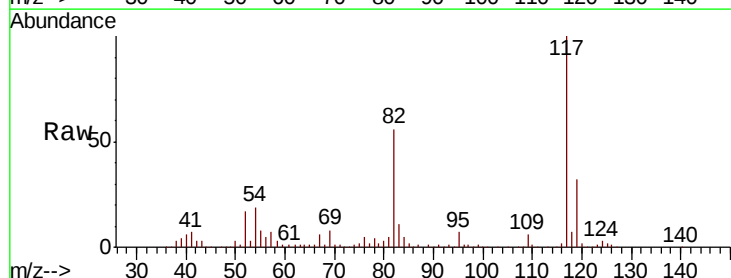
Tgt Ion: 117 Resp: 524053

Ion Ratio Lower Upper

117 100

82 40.9 42.0 63.0#

119 32.2 25.3 37.9

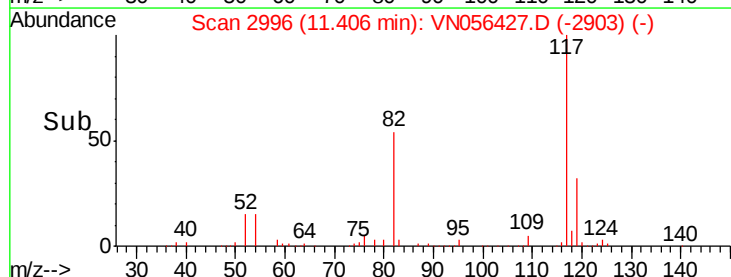


Abundance Ion 116.90 (116.60 to 117.60): VN056427.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056427.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056427.D (-2981) (-)

Time-->

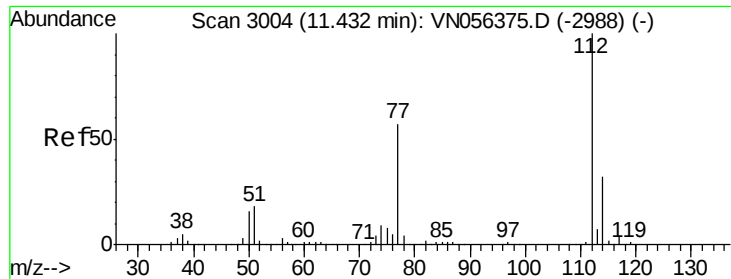


Abundance Ion 116.90 (116.60 to 117.60): VN056427.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056427.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056427.D (-2981) (-)

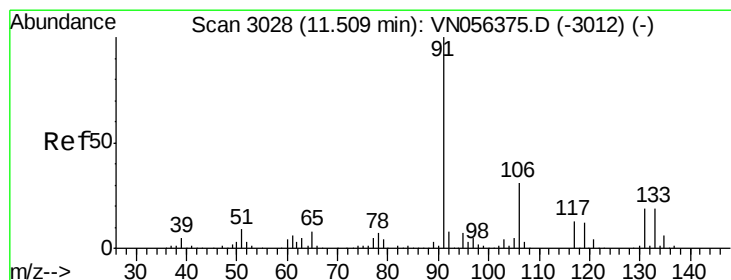
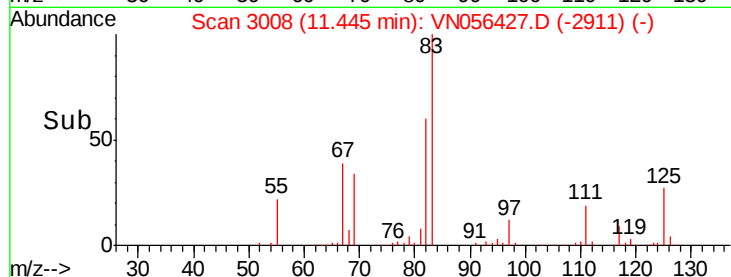
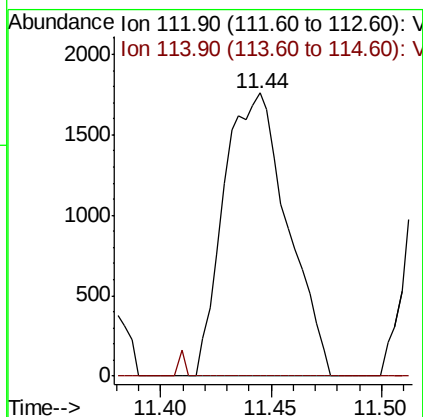
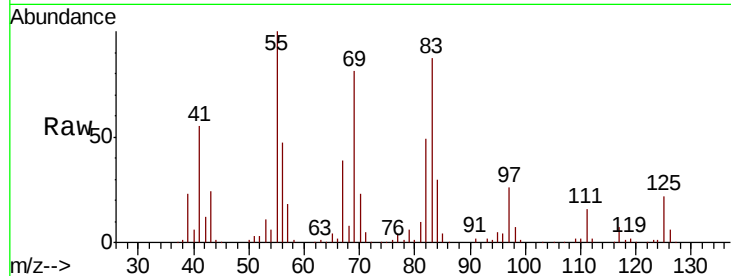
Time-->



#65
Chlorobenzene
Concen: 0.334 ug/l
RT: 11.44 min Scan# 3008
Delta R.T. 0.01 min
Lab File: VN056427.D
Acq: 21 Jun 2019 15:39

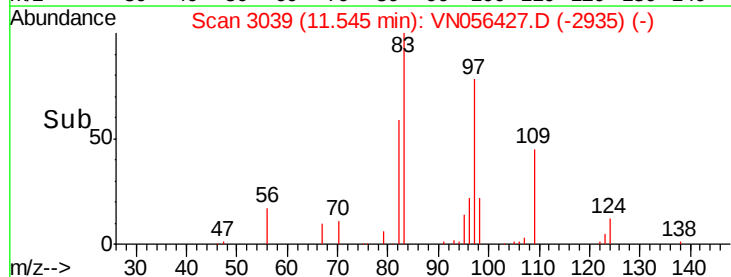
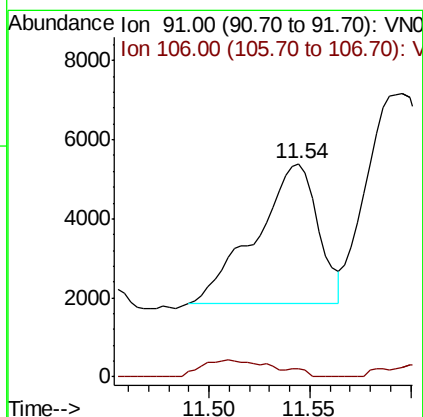
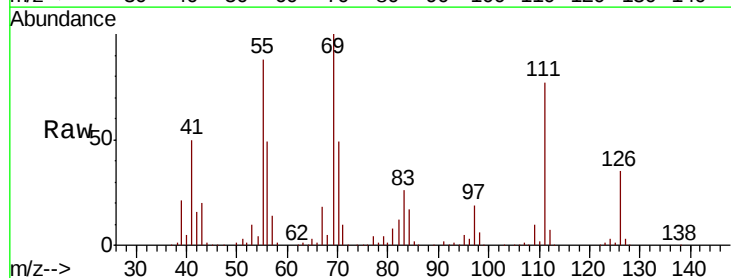
Instrument :
MSVOA_N
ClientSampled :
TP-3

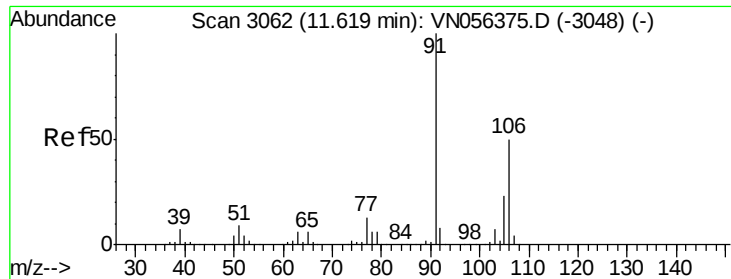
Tot Ion:112 Resp: 3520
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#



#67
Ethyl Benzene
Concen: 0.407 ug/l
RT: 11.54 min Scan# 3039
Delta R.T. 0.04 min
Lab File: VN056427.D
Acq: 21 Jun 2019 15:39

Tgt Ion: 91 Resp: 7524
Ion Ratio Lower Upper
91 100
106 5.7 25.1 37.7#

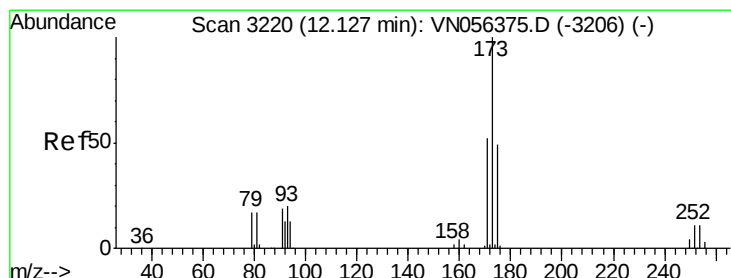
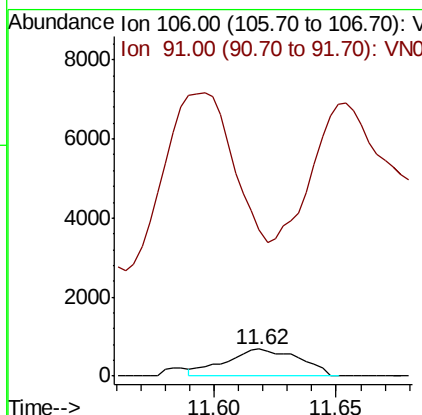
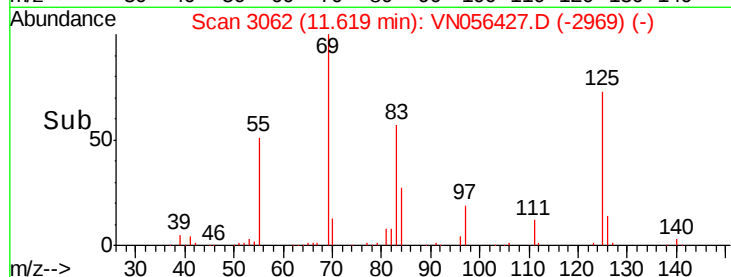
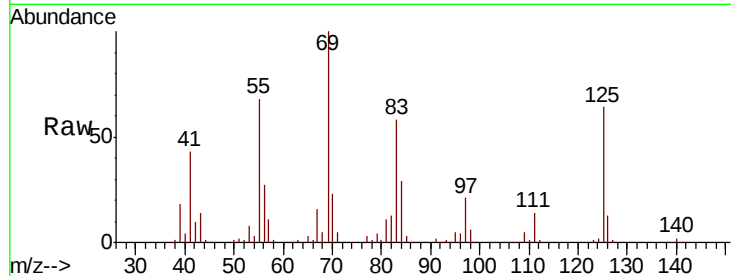




#68
m/p-Xvlenes
Concen: 0.211 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056427.D
Acq: 21 Jun 2019 15:39

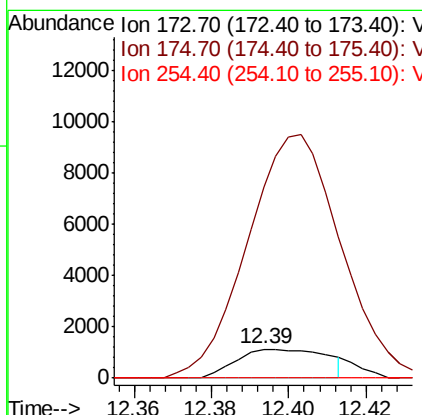
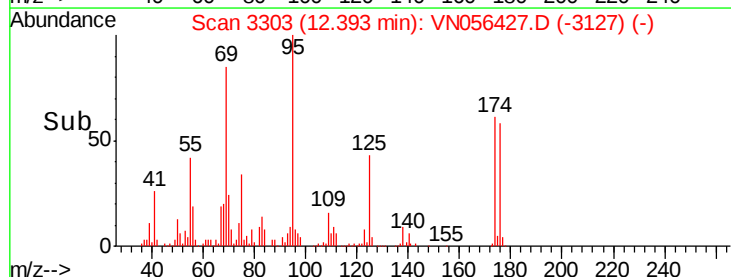
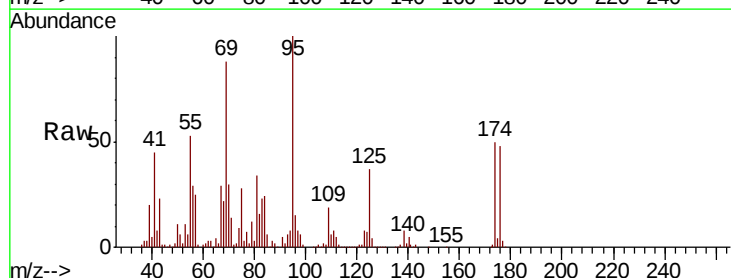
Instrument :
MSVOA_N
ClientSampled :
TP-3

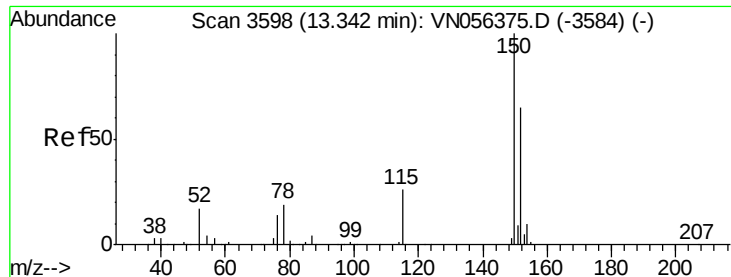
Tot Ion:106 Resp: 1429
Ion Ratio Lower Upper
106 100
91 0.0 160.1 240.1#



#71
Bromoform
Concen: 3.746 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN056427.D
Acq: 21 Jun 2019 15:39

Tgt Ion:173 Resp: 1849
Ion Ratio Lower Upper
173 100
175 754.0 24.4 73.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

TP-3

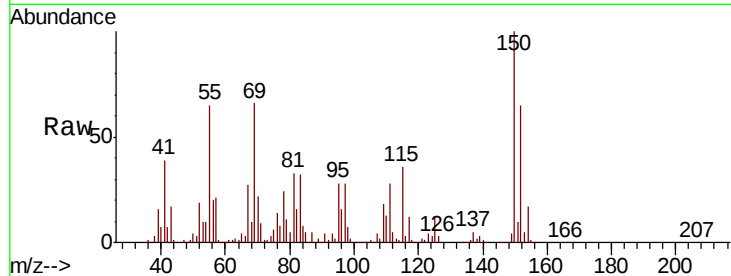
Tot Ion:152 Resp: 283011

Ion Ratio Lower Upper

152 100

115 46.8 28.1 84.4

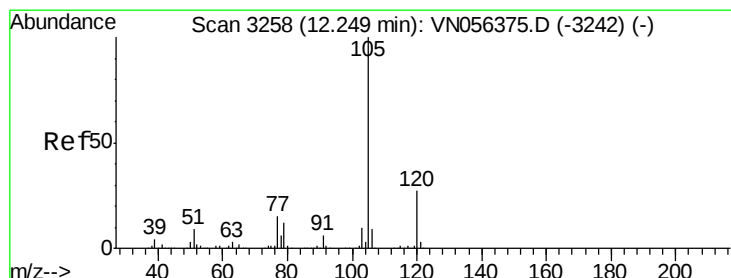
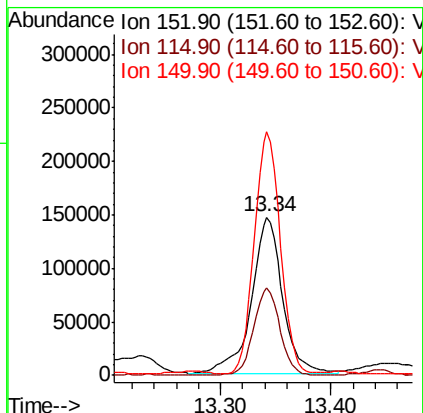
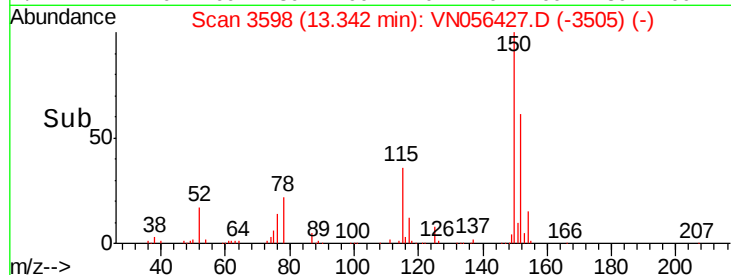
150 131.3 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056427.D

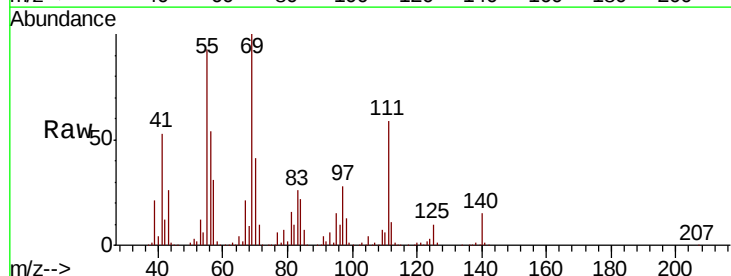
Acq: 21 Jun 2019 15:39

Tgt Ion:105 Resp: 19796

Ion Ratio Lower Upper

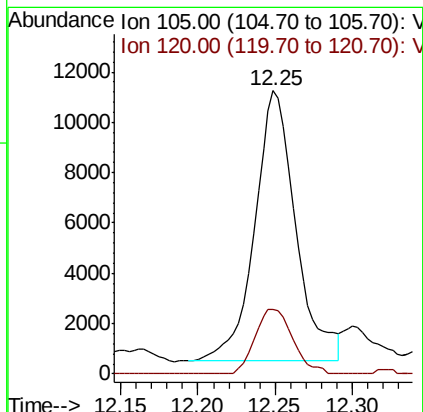
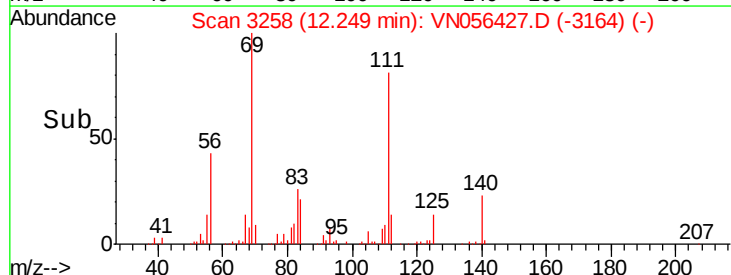
105 100

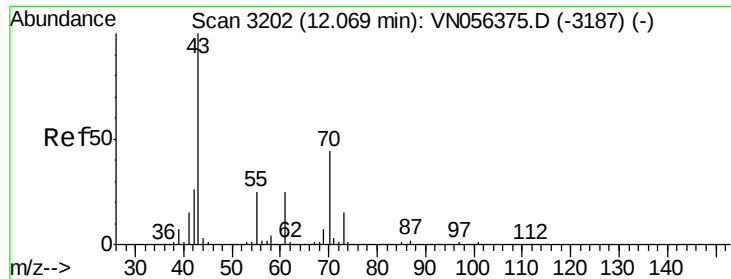
120 22.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 131.690 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Instrument :

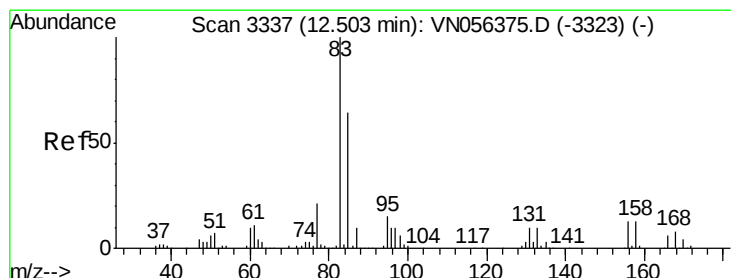
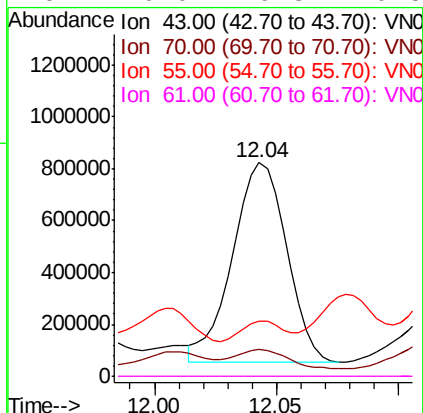
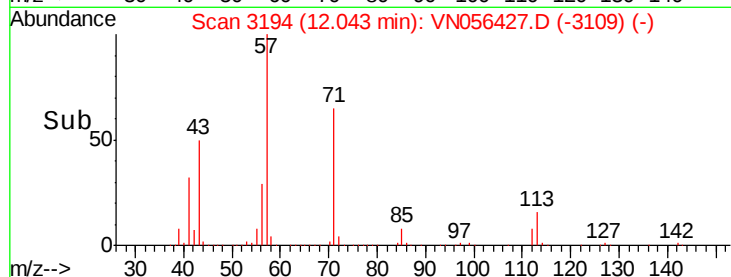
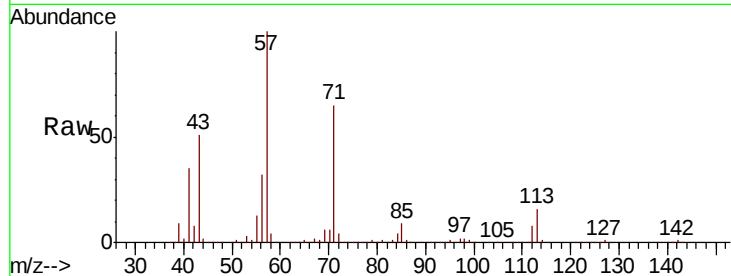
MSVOA_N

ClientSampled :

TP-3

Tot Ion: 43 Resp: 1186146

Ion	Ratio	Lower	Upper
43	100		
70	8.6	34.9	52.3#
55	11.7	20.4	30.6#
61	0.0	19.8	29.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 14.743 ug/l

RT: 12.47 min Scan# 3328

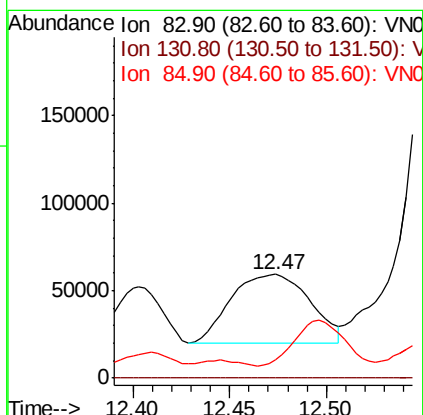
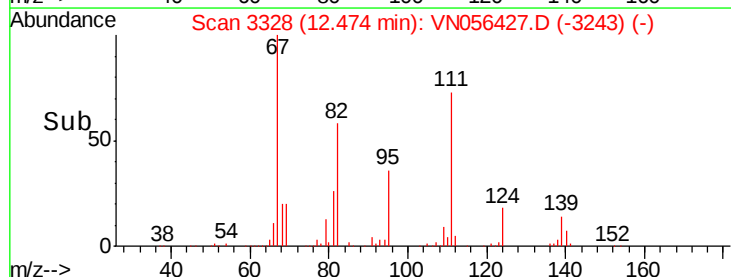
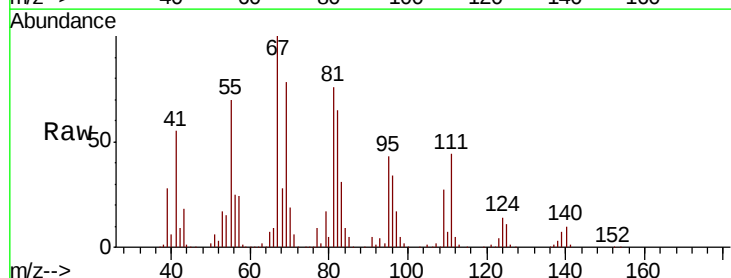
Delta R.T. -0.03 min

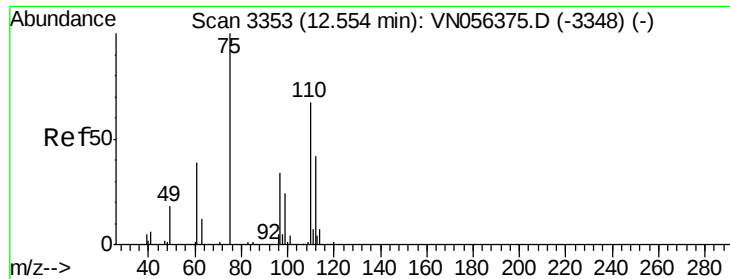
Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Tgt Ion: 83 Resp: 111288

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.8#
85	0.0	32.4	97.0#





#76

1,2,3-Trichloropropane

Concen: 18.882 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

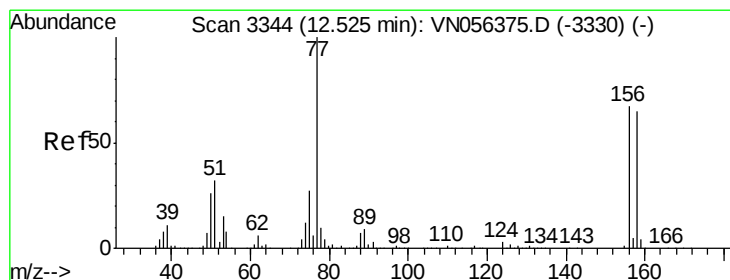
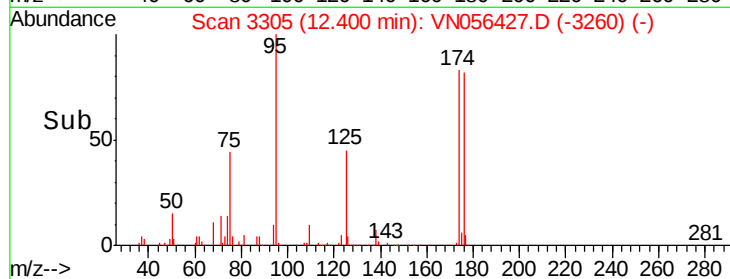
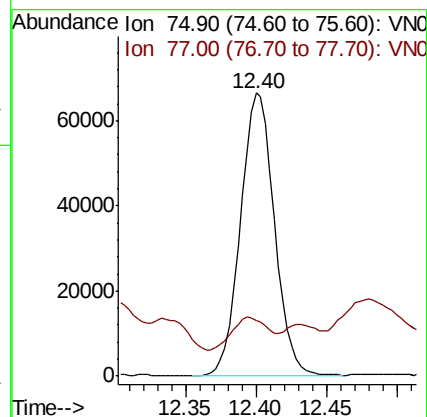
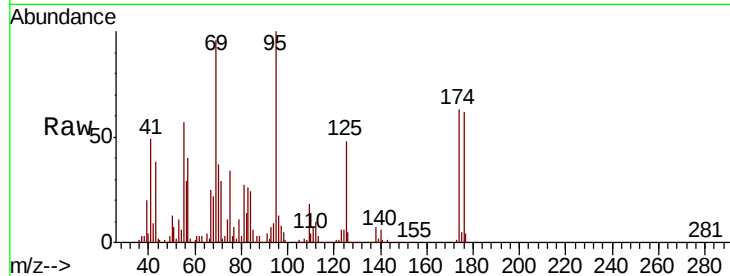
TP-3

Tot Ion: 75 Resp: 110807

Ion Ratio Lower Upper

75 100

77 12.4 0.0 0.0#



#77

Bromobenzene

Concen: 0.239 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.03 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

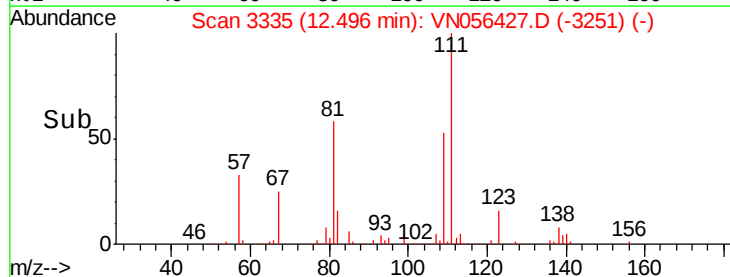
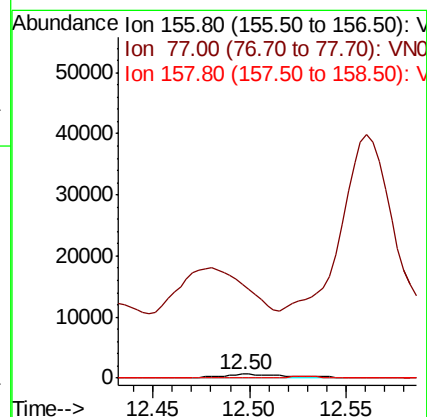
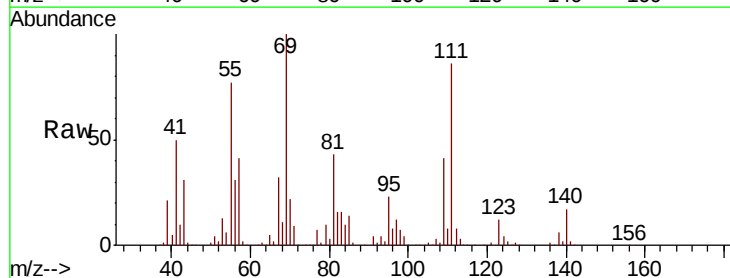
Tgt Ion: 156 Resp: 1512

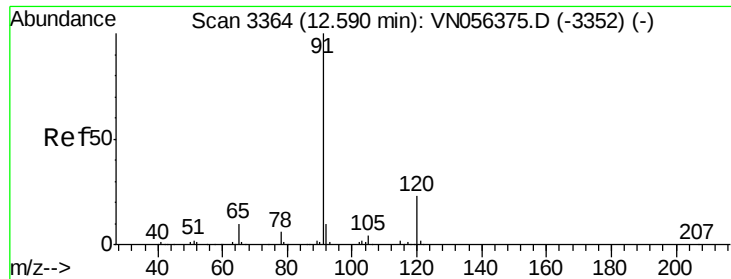
Ion Ratio Lower Upper

156 100

77 1384.4 92.5 277.3#

158 0.0 48.7 146.1#





#78

n-propylbenzene

Concen: 1.074 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampled :

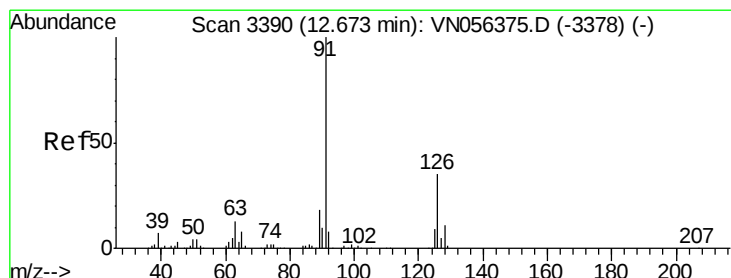
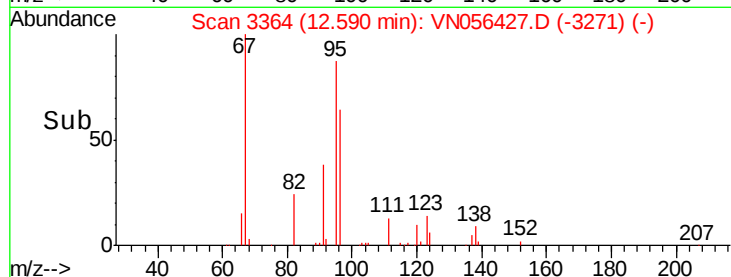
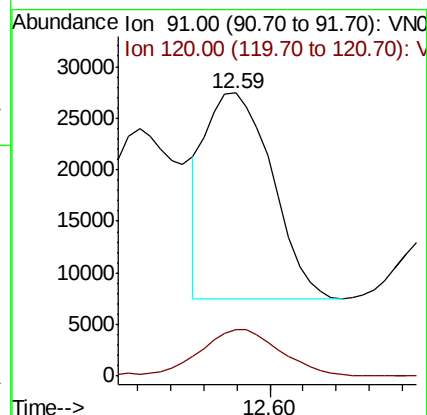
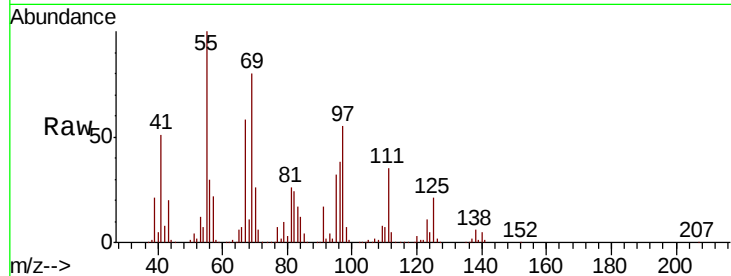
TP-3

Tot Ion: 91 Resp: 27828

Ion Ratio Lower Upper

91 100

120 27.7 11.8 35.4



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN056427.D

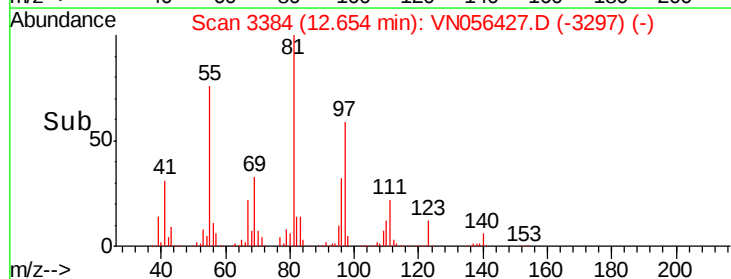
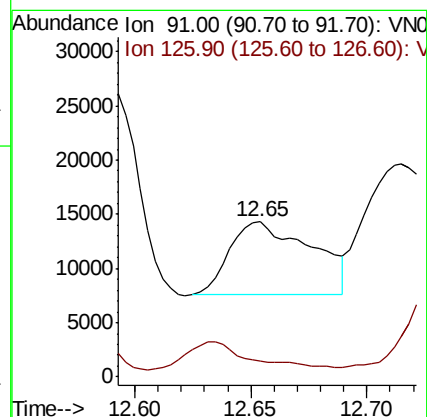
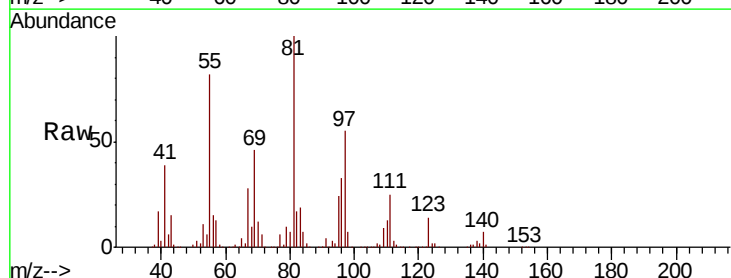
Acq: 21 Jun 2019 15:39

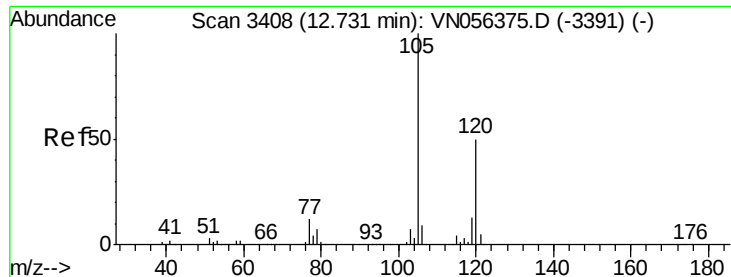
Tgt Ion: 91 Resp: 16573

Ion Ratio Lower Upper

91 100

126 29.6 17.6 52.8

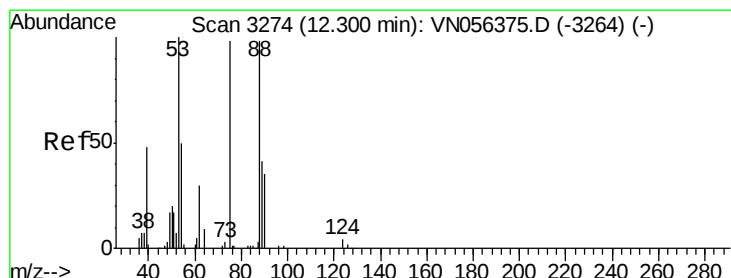
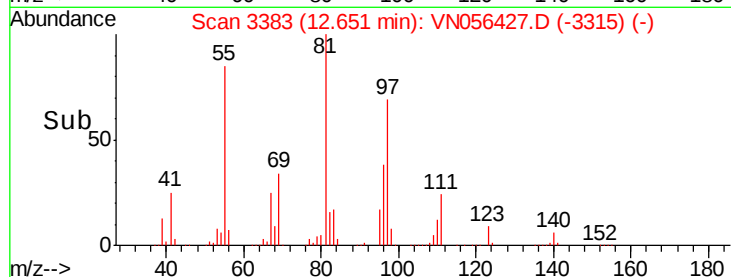
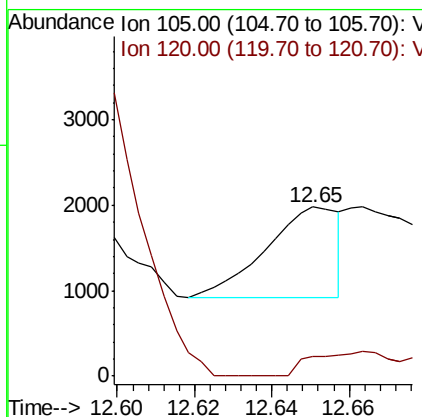
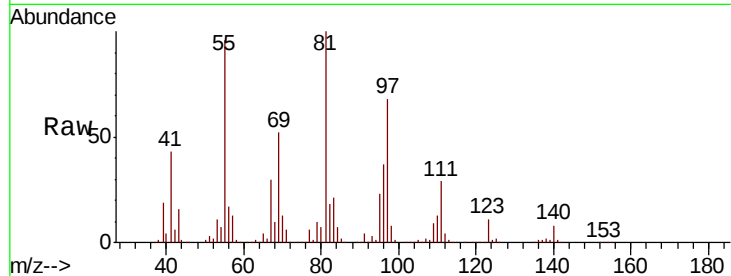




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.08 min
 Lab File: VN056427.D
 Acq: 21 Jun 2019 15:39

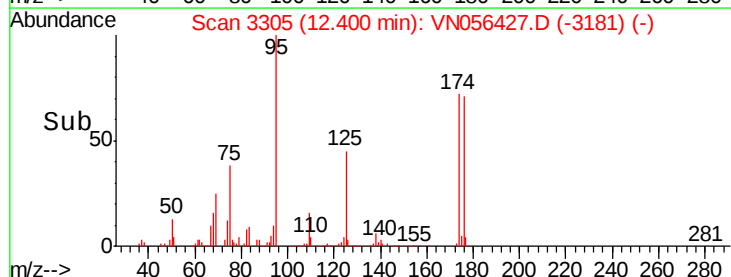
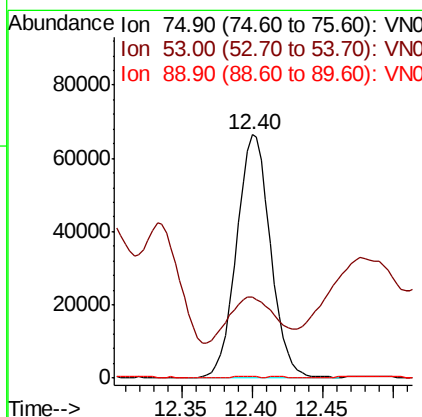
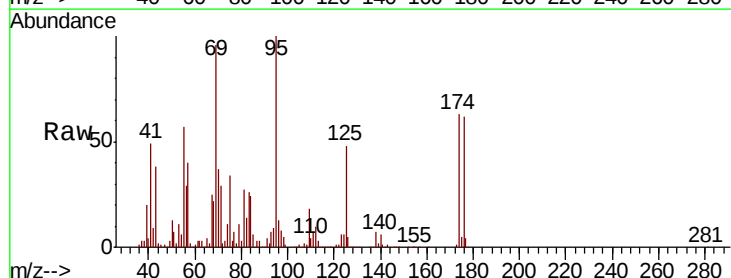
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

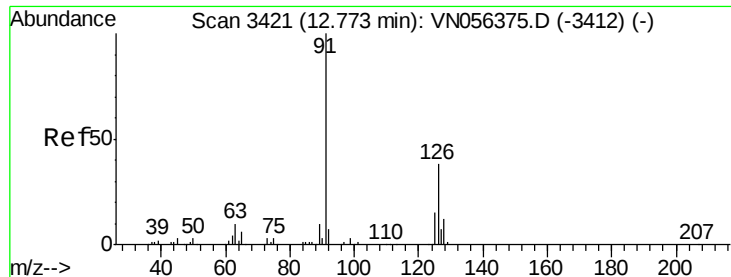
Tot Ion:105 Resp: 1391
 Ion Ratio Lower Upper
 105 100
 120 29.0 24.8 74.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.111 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056427.D
 Acq: 21 Jun 2019 15:39

Tgt Ion: 75 Resp: 110807
 Ion Ratio Lower Upper
 75 100
 53 24.9 83.9 125.9#
 89 0.3 35.0 52.6#





#82

4-Chlorotoluene

Concen: 1.112 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.12 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampled :

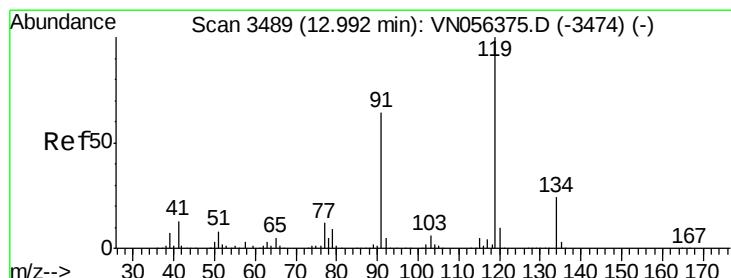
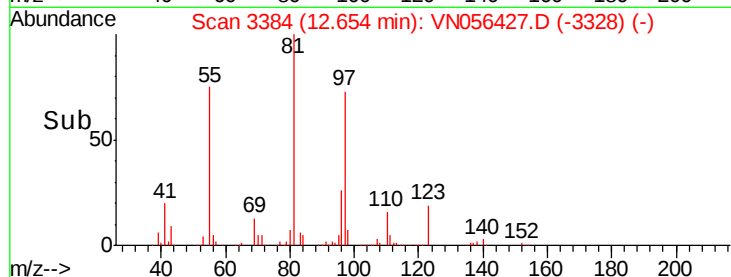
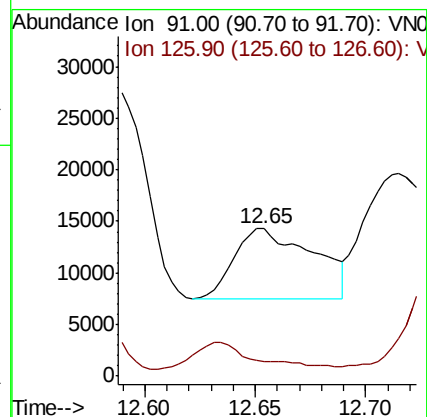
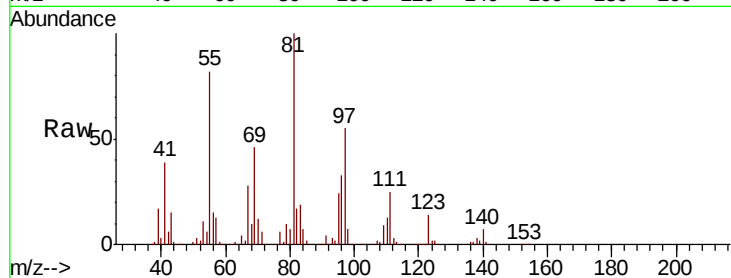
TP-3

Tot Ion: 91 Resp: 17011

Ion Ratio Lower Upper

91 100

126 28.8 17.3 52.0



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

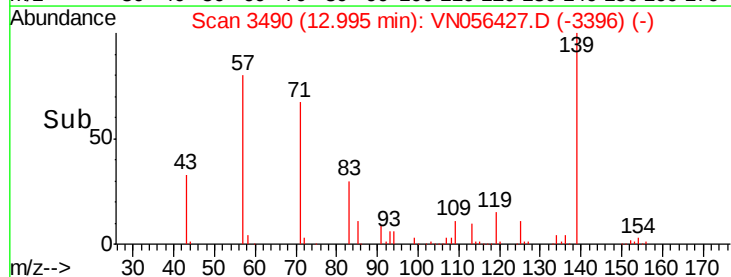
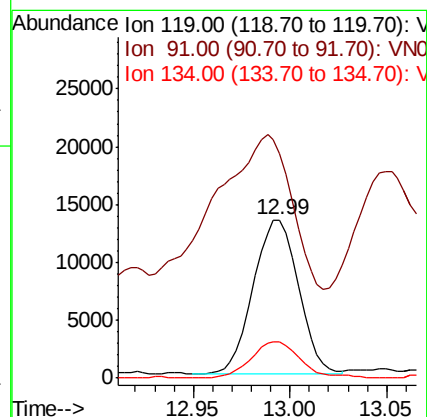
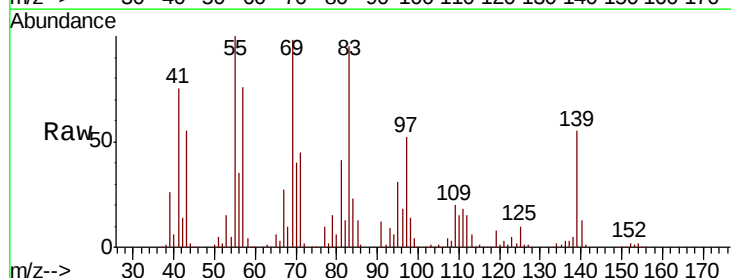
Tgt Ion: 119 Resp: 21696

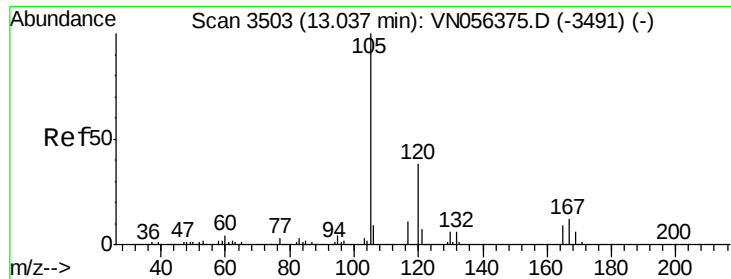
Ion Ratio Lower Upper

119 100

91 167.7 31.6 94.7#

134 26.0 13.2 39.5

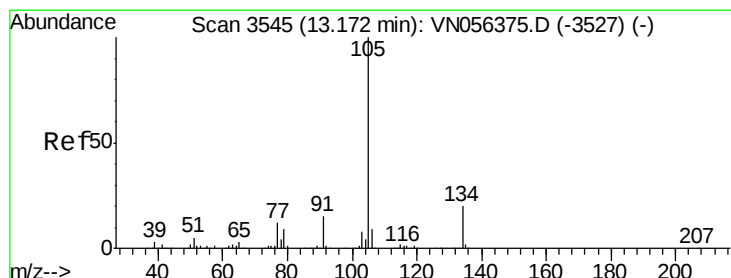
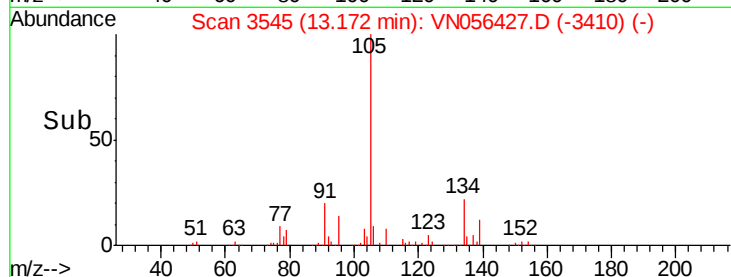
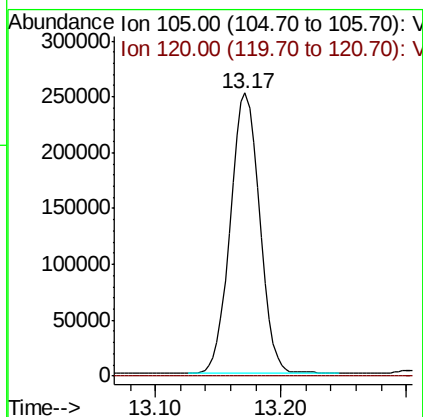
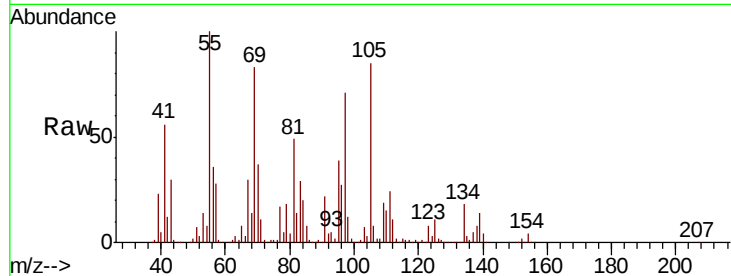




#84
 1,2,4-Trimethylbenzene
 Concen: 21.454 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.14 min
 Lab File: VN056427.D
 Acq: 21 Jun 2019 15:39

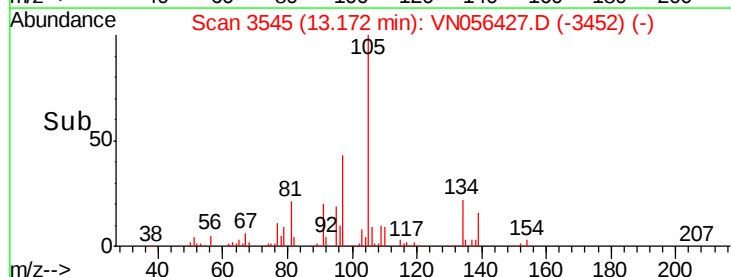
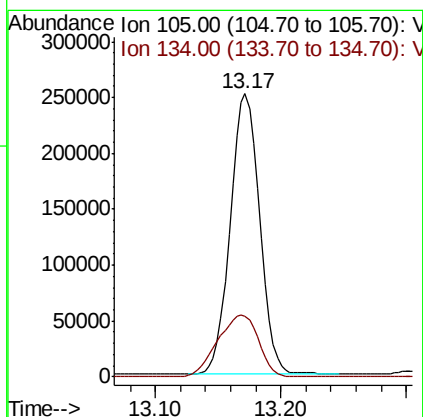
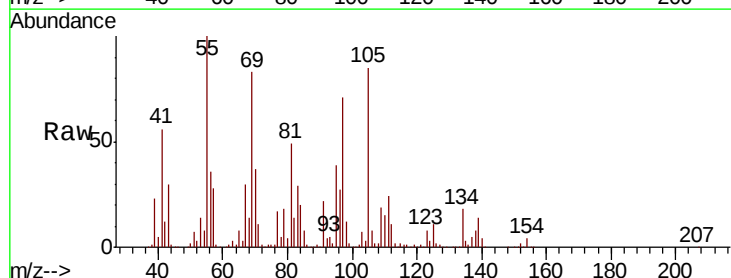
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

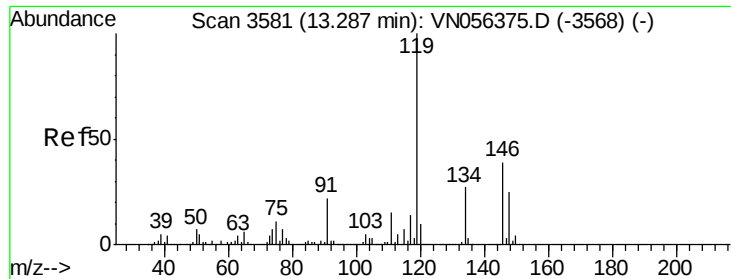
Tot Ion:105 Resp: 408751
 Ion Ratio Lower Upper
 105 100
 120 0.4 22.9 68.8#



#85
 sec-Butylbenzene
 Concen: 17.944 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN056427.D
 Acq: 21 Jun 2019 15:39

Tgt Ion:105 Resp: 408751
 Ion Ratio Lower Upper
 105 100
 134 30.7 10.2 30.4#

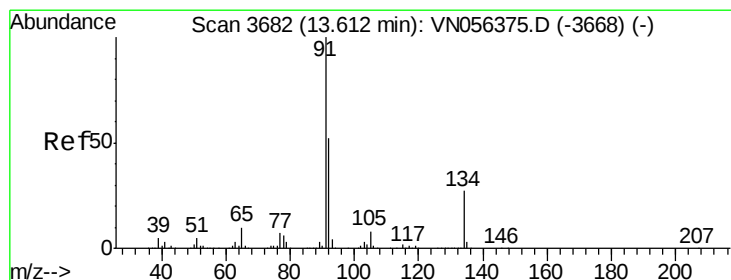
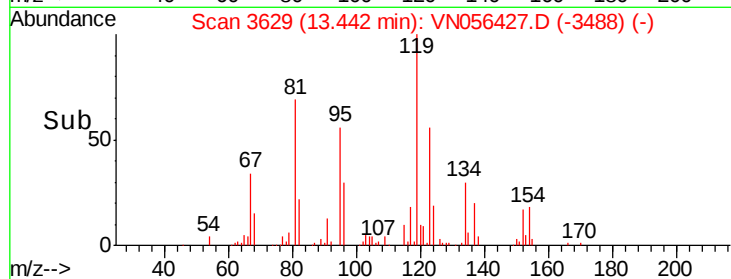
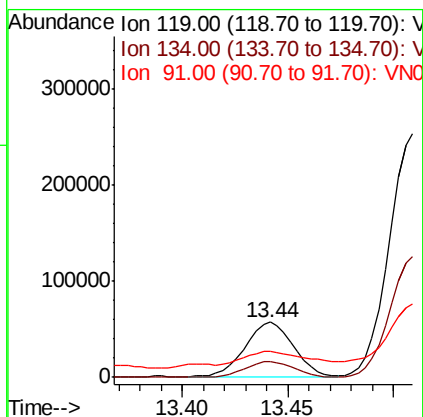
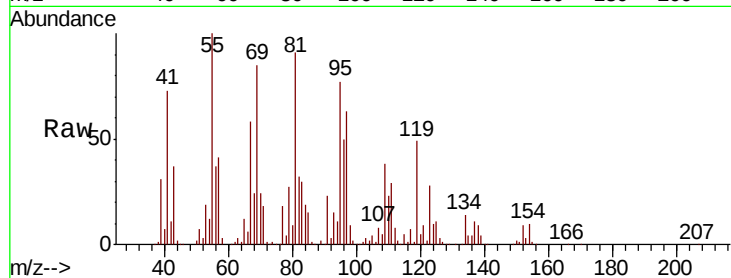




#86
 p-Isopropyltoluene
 Concen: 4.537 ug/l
 RT: 13.44 min Scan# 3629
 Delta R.T. 0.15 min
 Lab File: VN056427.D
 Acq: 21 Jun 2019 15:39

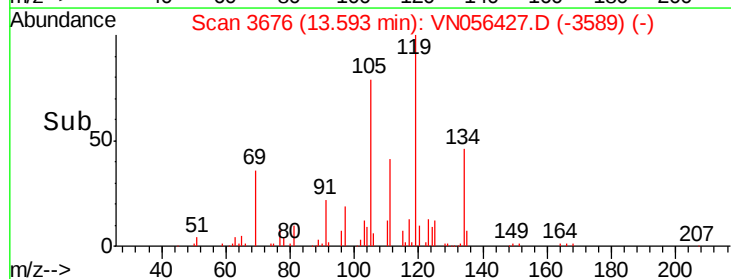
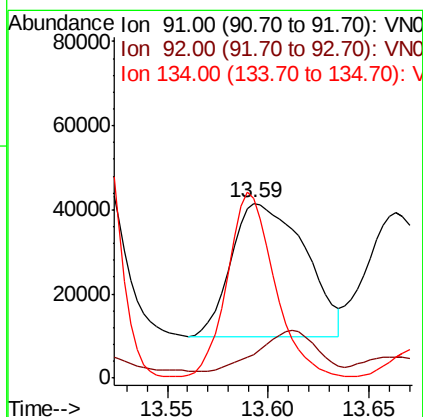
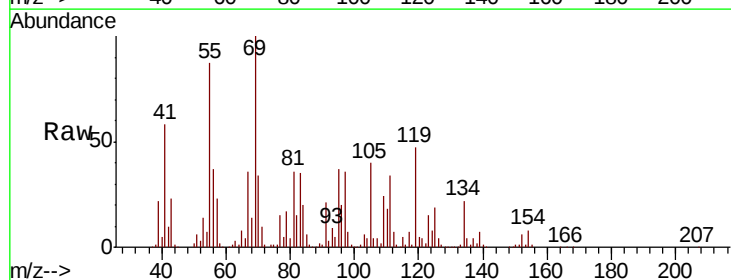
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

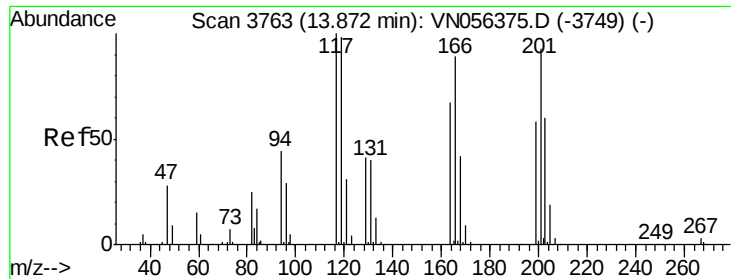
Tot Ion: 119 Resp: 88695
 Ion Ratio Lower Upper
 119 100
 134 29.2 13.5 40.4
 91 43.2 11.2 33.5#



#89
 n-Butylbenzene
 Concen: 5.413 ug/l
 RT: 13.59 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: VN056427.D
 Acq: 21 Jun 2019 15:39

Tgt Ion: 91 Resp: 80111
 Ion Ratio Lower Upper
 91 100
 92 0.0 26.2 78.5#
 134 90.0 13.4 40.2#





#90

Hexachloroethane

Concen: 44.526 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

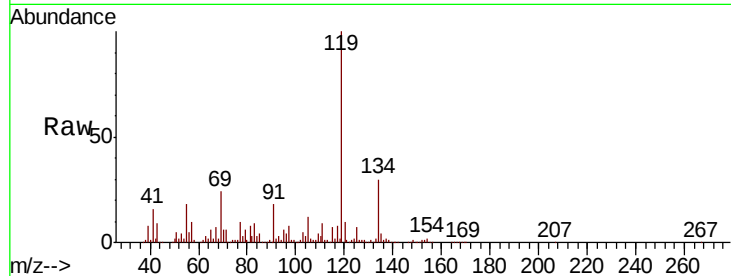
TP-3

Tot Ion:117 Resp: 135708

Ion Ratio Lower Upper

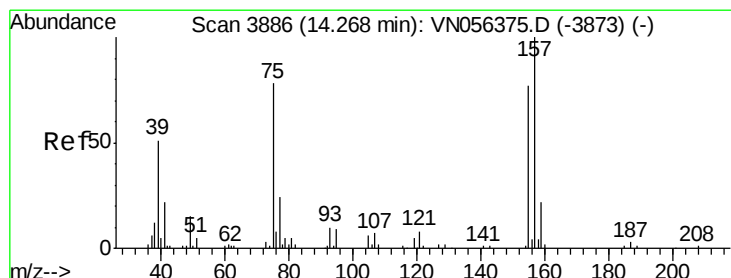
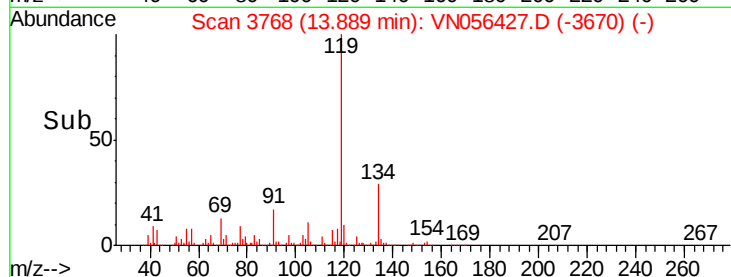
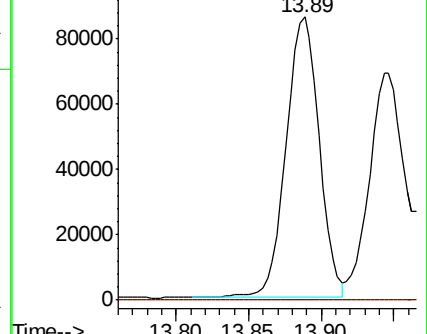
117 100

201 0.0 45.9 137.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.038 ug/l

RT: 14.29 min Scan# 3893

Delta R.T. 0.02 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

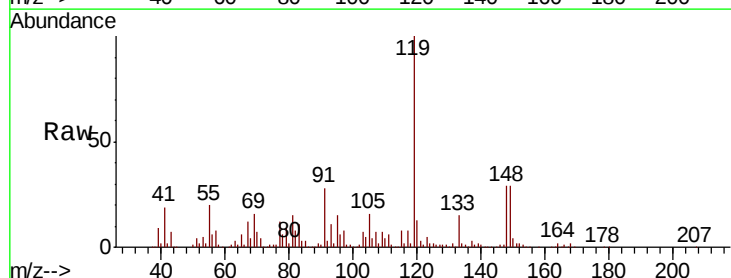
Tgt Ion: 75 Resp: 4229

Ion Ratio Lower Upper

75 100

155 0.0 48.9 146.8#

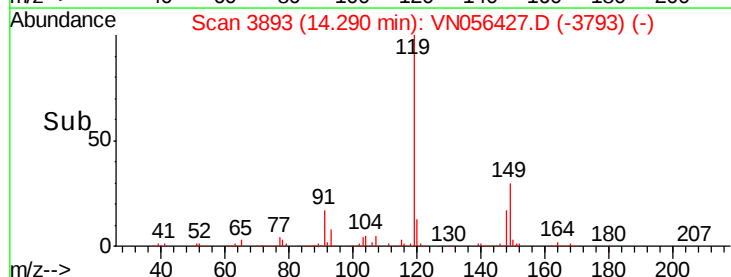
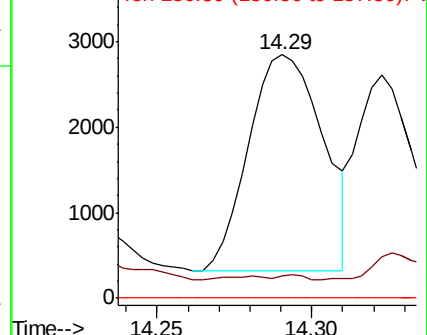
157 0.0 62.9 188.8#

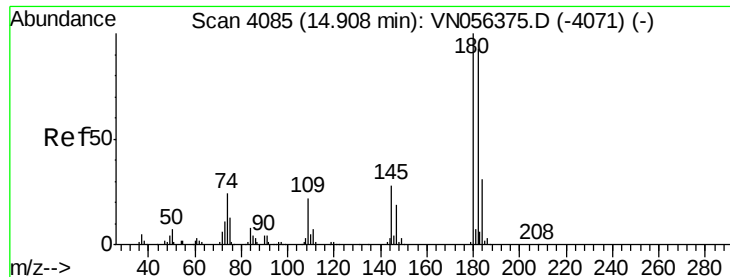


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

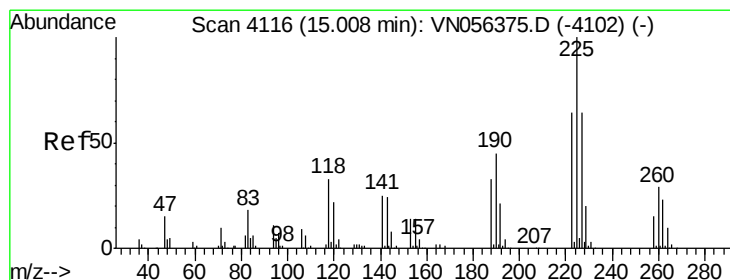
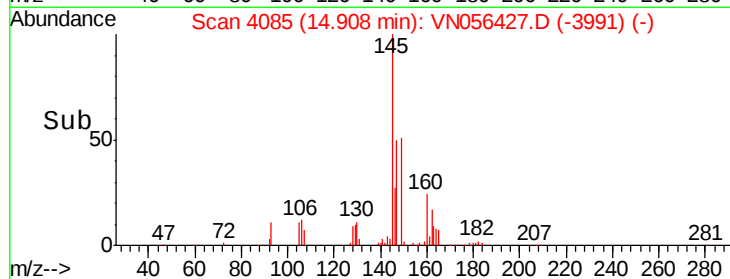
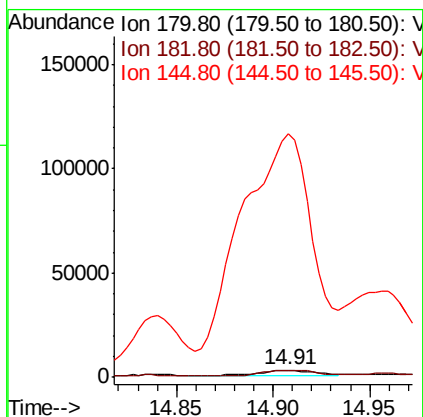
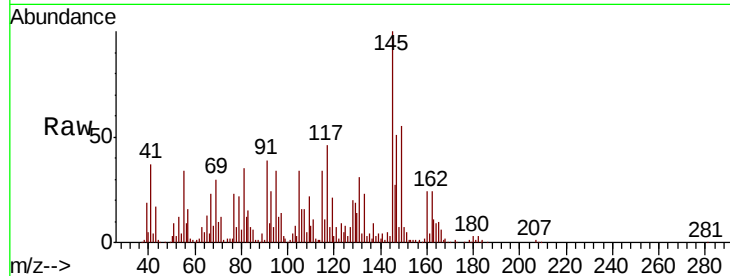




#93
1,2,4-Trichlorobenzene
Concen: 6.544 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN056427.D
Acq: 21 Jun 2019 15:39

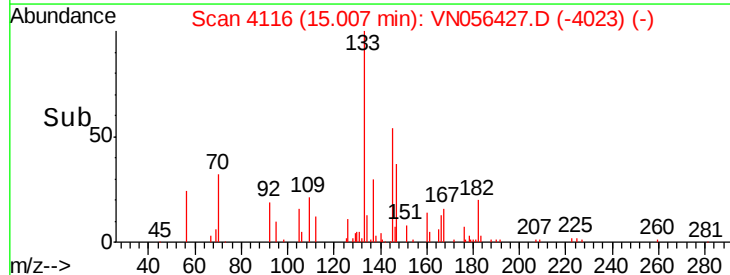
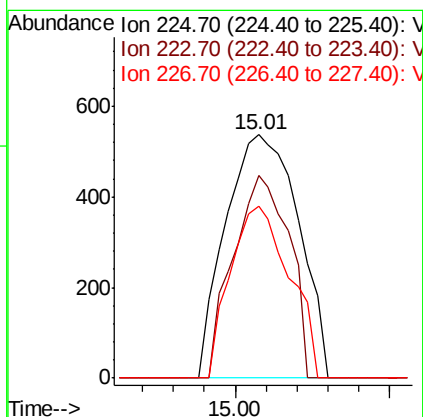
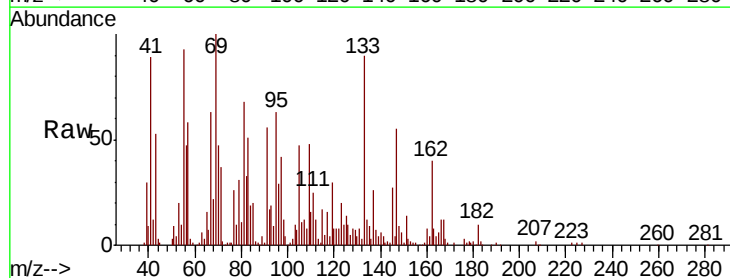
Instrument :
MSVOA_N
ClientSampled :
TP-3

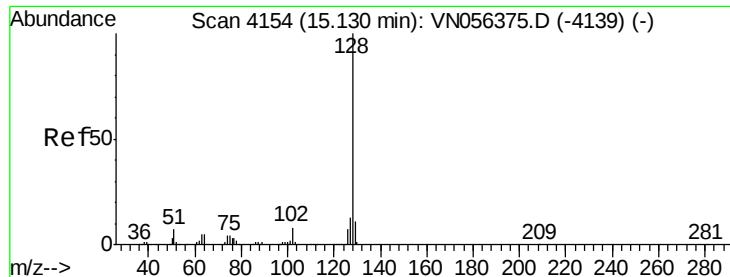
Tot Ion:180 Resp: 5193
Ion Ratio Lower Upper
180 100
182 106.7 46.9 140.6
145 4903.4 14.4 43.0#



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN056427.D
Acq: 21 Jun 2019 15:39

Tgt Ion:225 Resp: 880
Ion Ratio Lower Upper
225 100
223 63.9 31.4 94.3
227 57.7 32.1 96.3





#95

Naphthalene

Concen: 6.843 ug/l

RT: 15.10 min Scan# 4145

Delta R.T. -0.03 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

Instrument :

MSVOA_N

ClientSampled :

TP-3

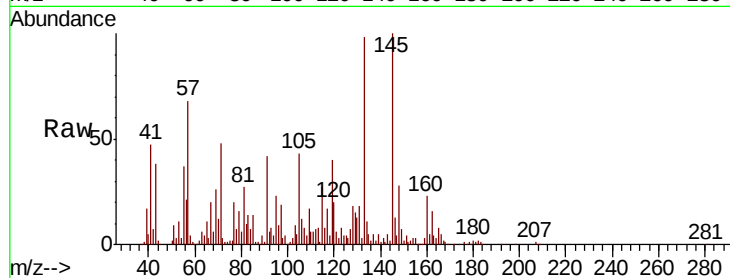
Tot Ion:128 Resp: 23118

Ion Ratio Lower Upper

128 100

127 65.9 10.2 15.2#

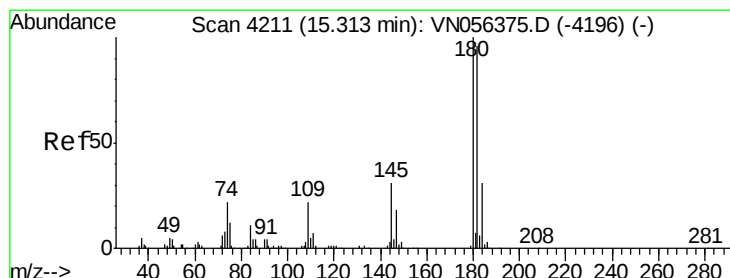
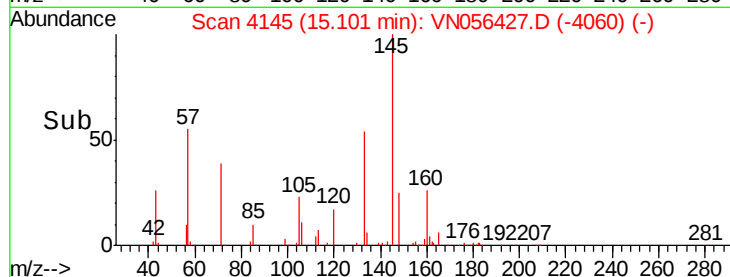
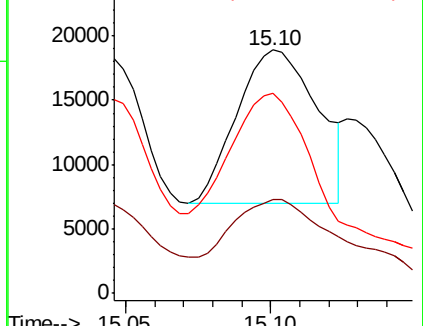
129 113.1 8.6 12.8#



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



#96

1,2,3-Trichlorobenzene

Concen: 5.470 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056427.D

Acq: 21 Jun 2019 15:39

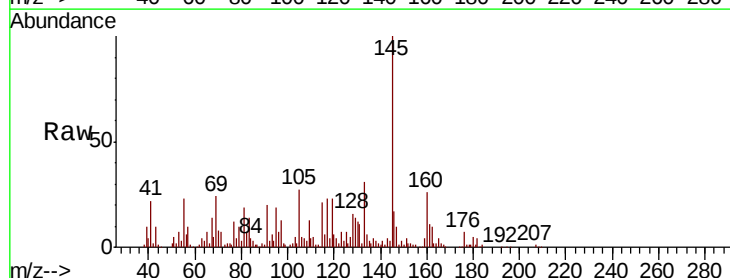
Tgt Ion:180 Resp: 5577

Ion Ratio Lower Upper

180 100

182 102.2 48.3 144.8

145 0.0 15.4 46.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

