

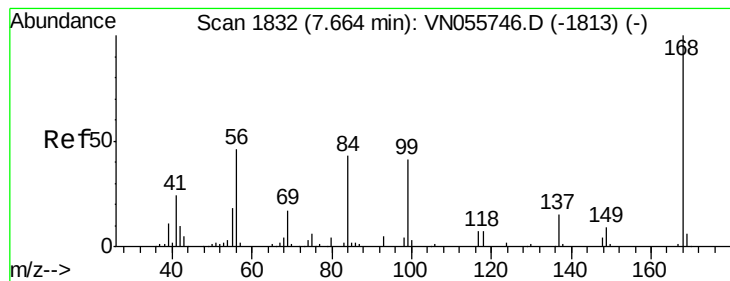
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
 Data File : VN055936.D
 Acq On : 31 May 2019 23:05
 Operator : JC/SP
 Sample : K3105-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 66-67-TRACK

Quant Time: Jun 01 02:05:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	352533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	531006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	493802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	159809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	179809	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	7.59	113	153870	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	
50) Toluene-d8	10.09	98	638710	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.40	95	203924	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	13878	8.672	ug/l	99
18) Methyl Acetate	4.34	43	5529	0.447	ug/l #	71
20) Methylene Chloride	4.54	84	1061	0.306	ug/l	98
25) 2-Butanone	6.86	43	2009	0.899	ug/l	100
29) Tetrahydrofuran	7.22	42	2105	1.487	ug/l #	65
31) Cyclohexane	7.66	56	5378	0.984	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21469	4.639	ug/l #	48
38) Carbon Tetrachloride	7.66	117	29627	6.146	ug/l #	15
41) Methacrylonitrile	7.22	41	612	0.271	ug/l #	34
43) Isopropyl Acetate	8.17	43	12233	1.628	ug/l #	91
45) 1,2-Dichloropropane	9.27	63	1361	0.375	ug/l #	44
48) Methyl methacrylate	9.18	41	6844	1.976	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	4528	1.020	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	49471	8.562	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	9976	1.747	ug/l #	42
59) 2-Hexanone	10.76	43	129216	41.042	ug/l #	50
71) Bromoform	12.40	173	1366	0.406	ug/l #	1
73) Isopropylbenzene	12.25	105	878	Below Cal		79
74) N-amyl acetate	12.07	43	1733	Below Cal	#	44
76) 1,2,3-Trichloropropane	12.40	75	93660	32.964	ug/l #	100
79) 2-Chlorotoluene	12.67	91	590	Below Cal		81
80) 1,3,5-Trimethylbenzene	12.73	105	1427	Below Cal		95
81) trans-1,4-Dichloro-2-buten	12.40	75	93660	78.855	ug/l #	15
83) tert-Butylbenzene	12.99	119	704	Below Cal	#	68
84) 1,2,4-Trimethylbenzene	13.04	105	1180	Below Cal		82
85) sec-Butylbenzene	13.17	105	1473	Below Cal		82
88) 1,4-Dichlorobenzene	13.36	146	1104	0.215	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1316	4.031	ug/l	95
94) Hexachlorobutadiene	15.01	225	514	Below Cal		72
95) Naphthalene	15.13	128	4477	0.606	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.32	180	1736	0.610	ug/l	84

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055936.D

Acq: 31 May 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

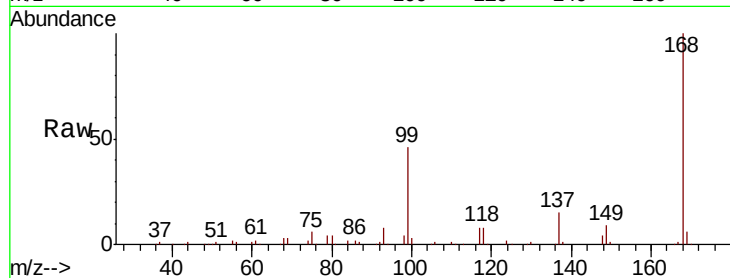
66-67-TRACK

Tot Ion:168 Resp: 352533

Ion Ratio Lower Upper

168 100

99 46.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

150000

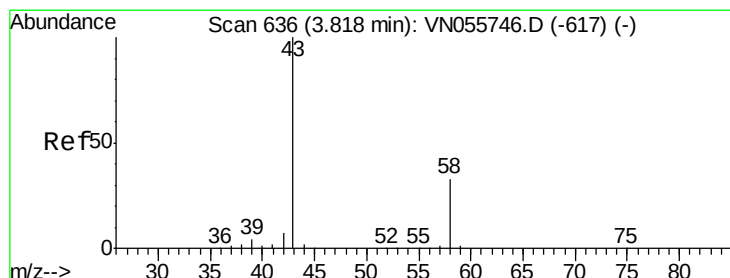
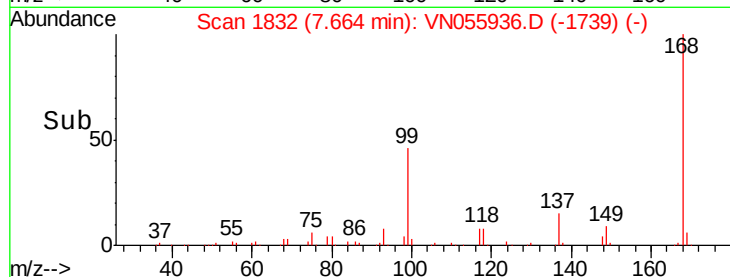
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 8.672 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055936.D

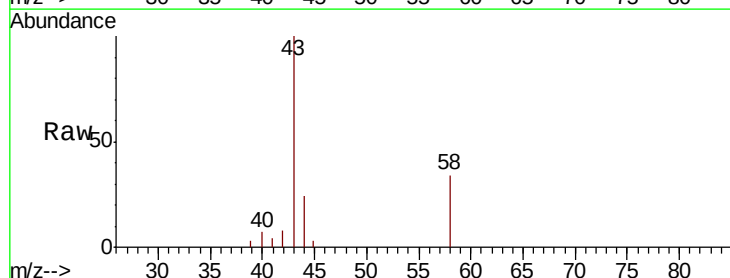
Acq: 31 May 2019 23:05

Tgt Ion: 43 Resp: 13878

Ion Ratio Lower Upper

43 100

58 33.7 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

6000

5000

4000

3000

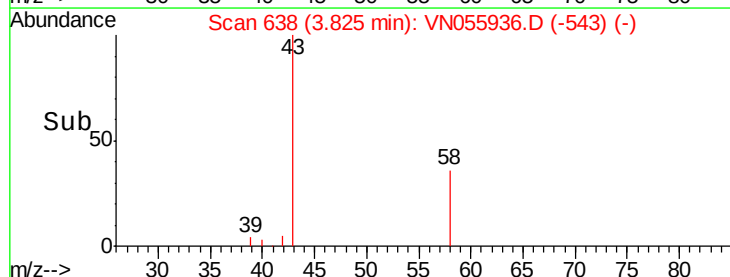
2000

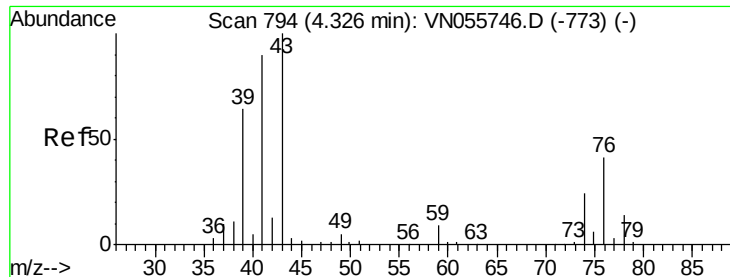
1000

0

3.75 3.80 3.85 3.90

Time-->





#18

Methyl Acetate

Concen: 0.447 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN055936.D

Acq: 31 May 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

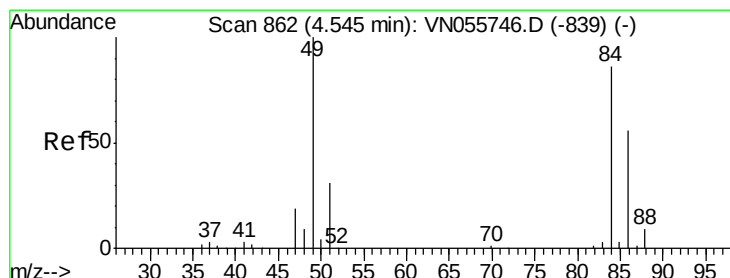
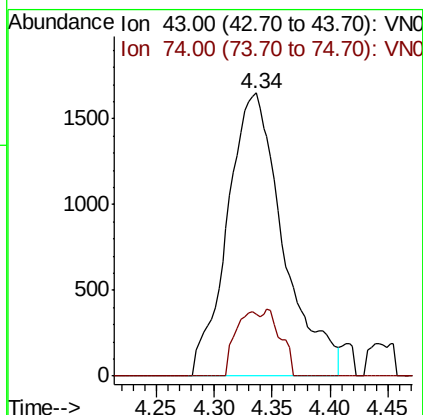
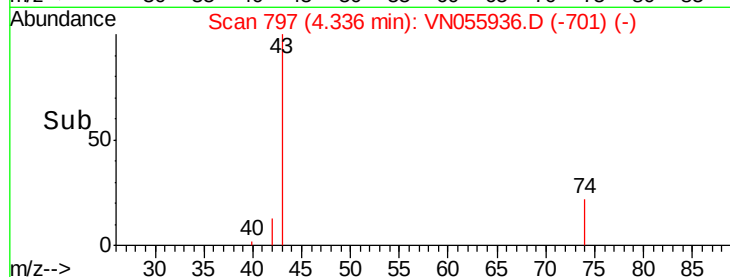
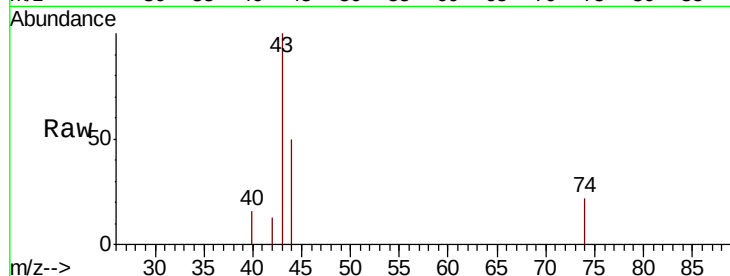
66-67-TRACK

Tot Ion: 43 Resp: 5529

Ion Ratio Lower Upper

43 100

74 9.8 19.3 28.9#



#20

Methylene Chloride

Concen: 0.306 ug/l

RT: 4.54 min Scan# 859

Delta R.T. -0.01 min

Lab File: VN055936.D

Acq: 31 May 2019 23:05

Tgt Ion: 84 Resp: 1061

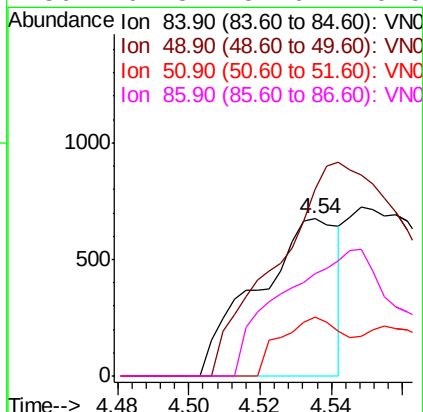
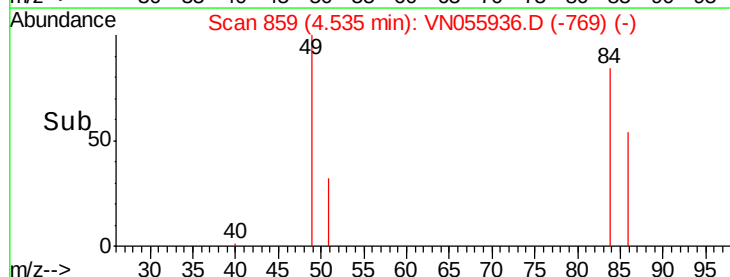
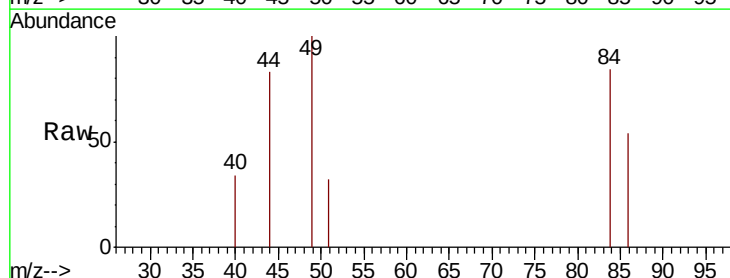
Ion Ratio Lower Upper

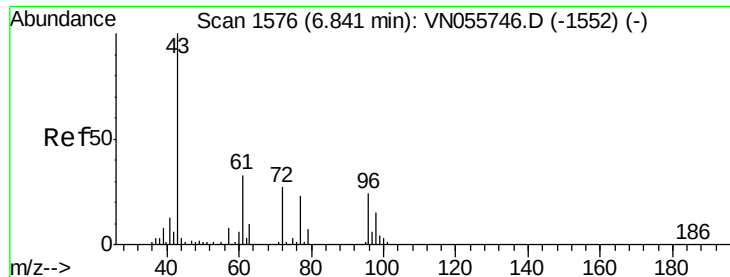
84 100

49 119.0 93.5 140.3

51 37.8 28.6 43.0

86 64.8 52.6 79.0





#25

2-Butanone

Concen: 0.899 ug/l

RT: 6.86 min Scan# 1582

Delta R.T. 0.02 min

Lab File: VN055936.D

Acq: 31 May 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

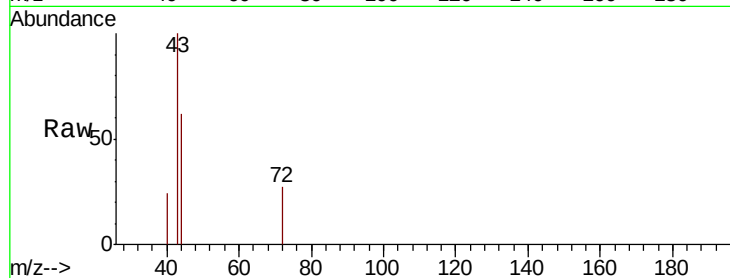
66-67-TRACK

Tot Ion: 43 Resp: 2009

Ion Ratio Lower Upper

43 100

72 27.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.86

1000

800

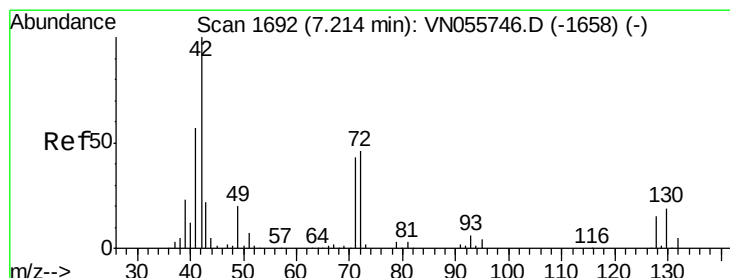
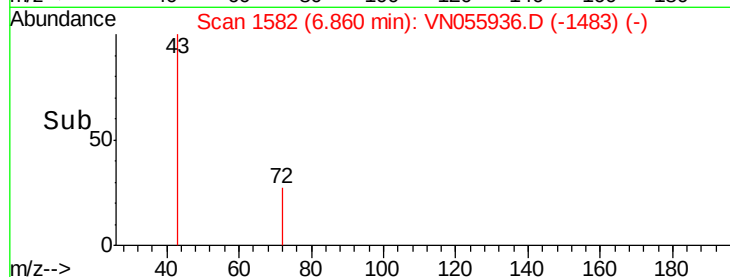
600

400

200

0

Time-->



#29

Tetrahydrofuran

Concen: 1.487 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN055936.D

Acq: 31 May 2019 23:05

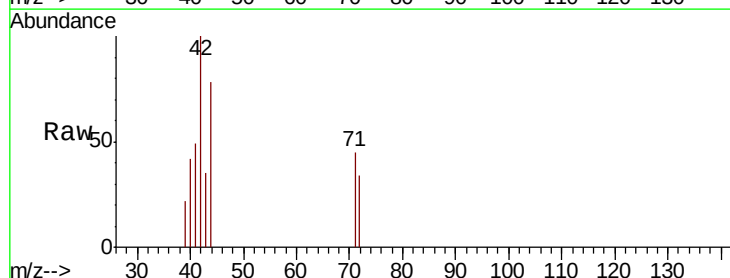
Tgt Ion: 42 Resp: 2105

Ion Ratio Lower Upper

42 100

72 16.7 35.9 53.9#

71 25.7 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

800

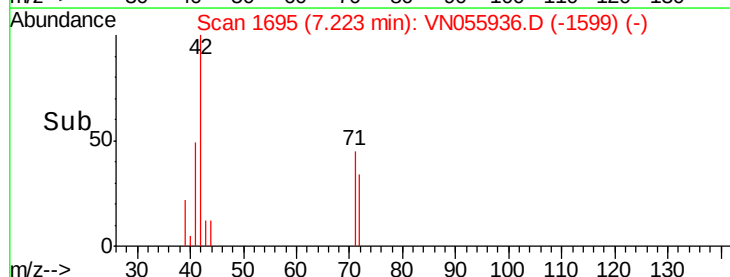
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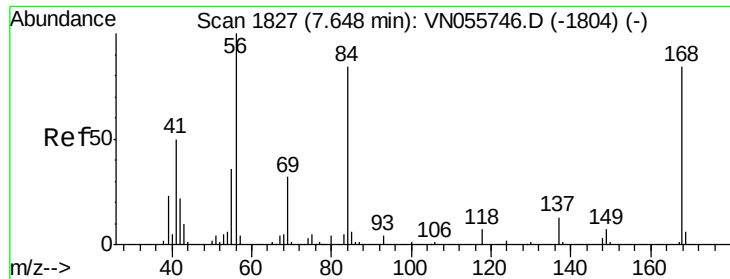
400

200

0

Time-->

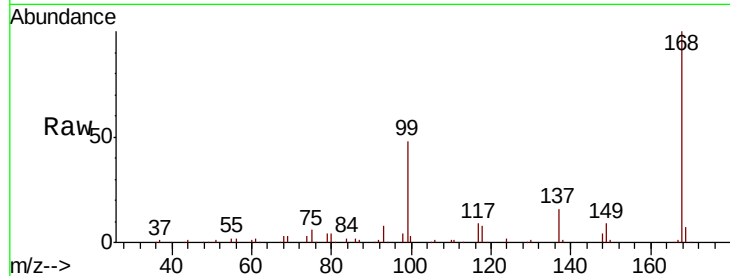




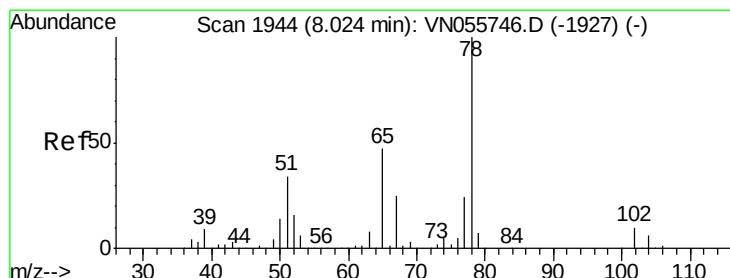
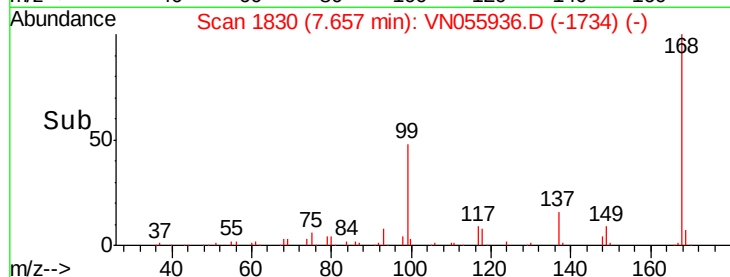
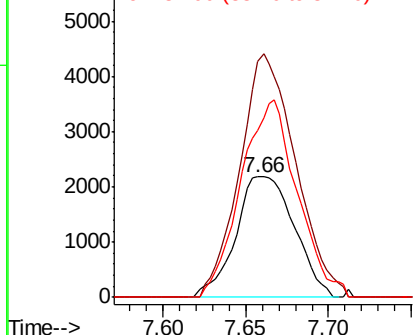
#31
Cyclohexane
Concen: 0.984 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN055936.D
Acq: 31 May 2019 23:05

Instrument :
MSVOA_N
ClientSampleId :
66-67-TRACK

Tot Ion: 56 Resp: 5378
Ion Ratio Lower Upper
56 100
69 196.1 25.6 38.4#
84 138.7 67.4 101.0#

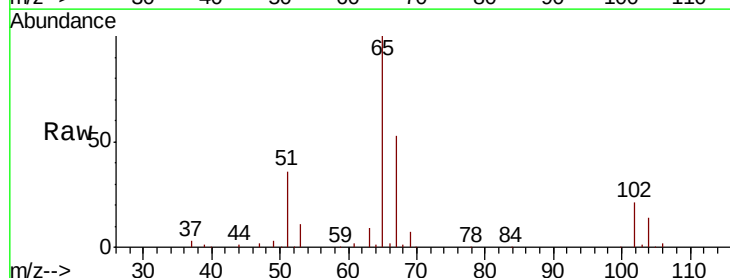


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

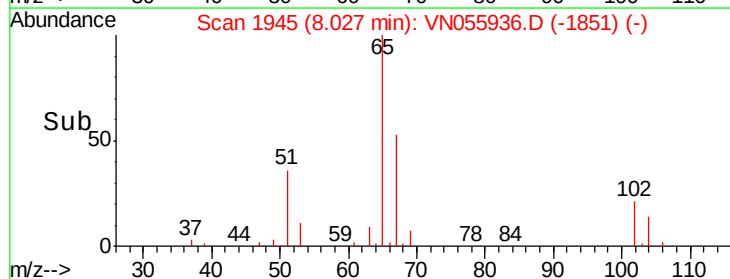
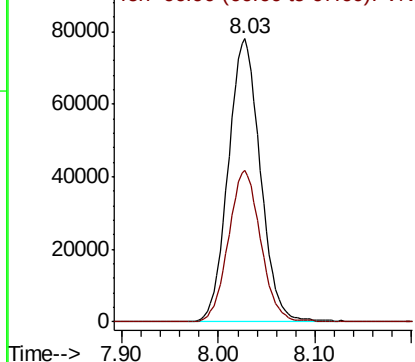


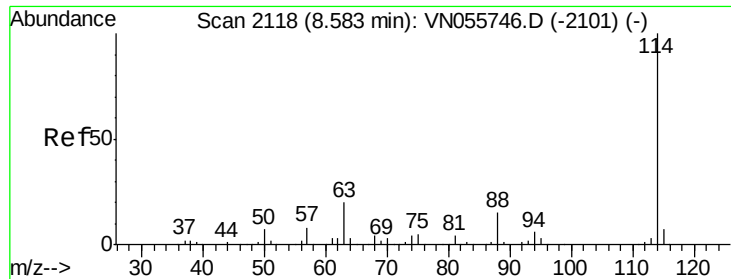
#33
1,2-Dichloroethane-d4
Concen: 49.389 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055936.D
Acq: 31 May 2019 23:05

Tgt Ion: 65 Resp: 179809
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.2



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

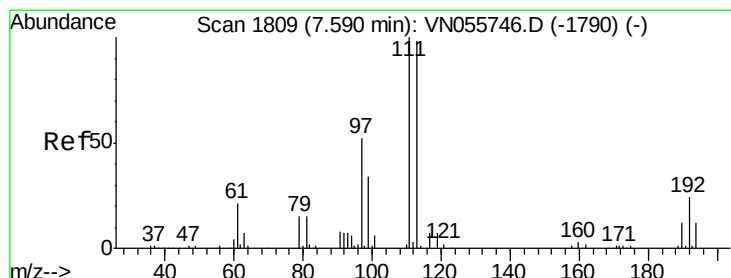
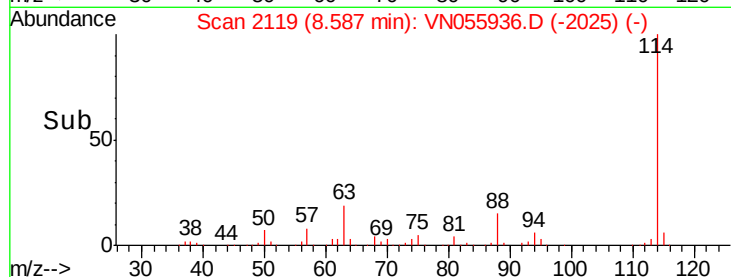
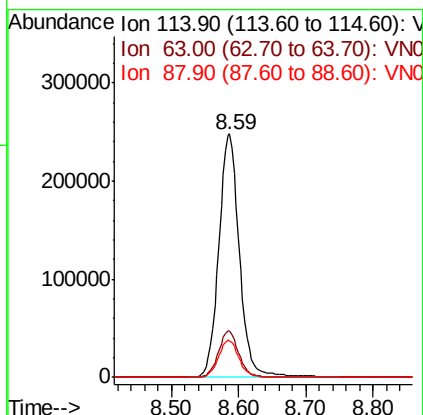
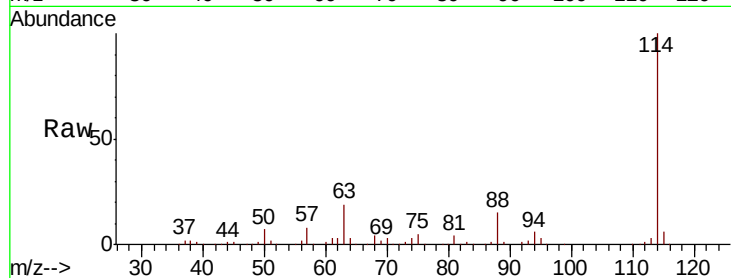




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055936.D
 Acq: 31 May 2019 23:05

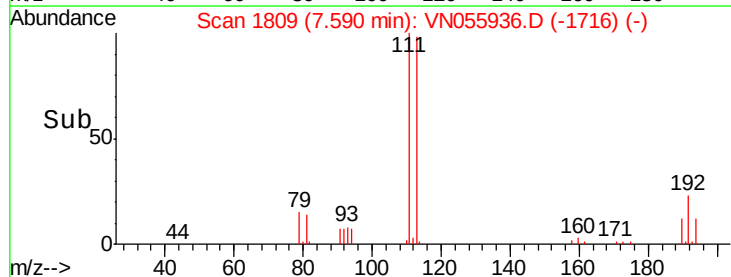
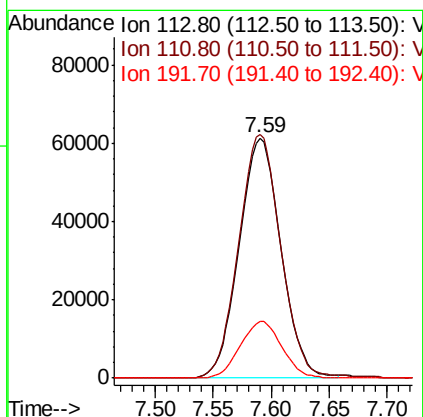
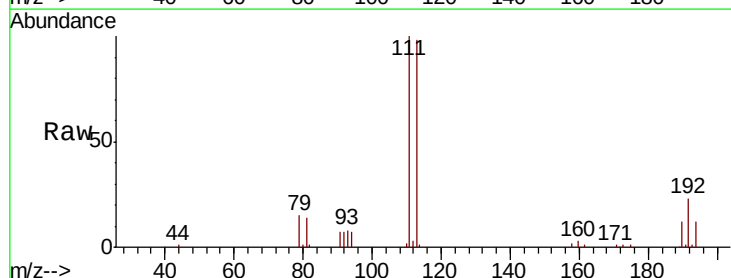
Instrument :
 MSVOA_N
 ClientSampleId :
 66-67-TRACK

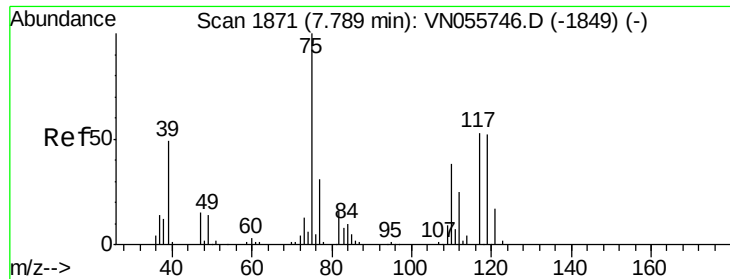
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.2
88	15.1	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 45.833 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055936.D
 Acq: 31 May 2019 23:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	23.5	19.5	29.3

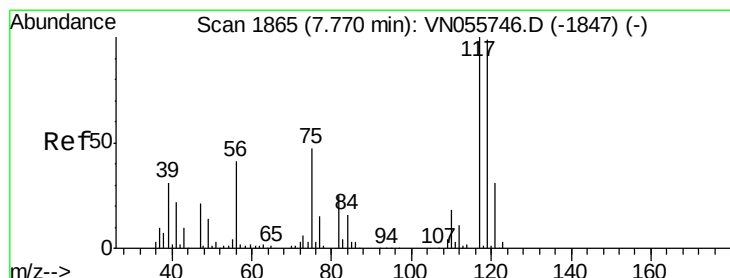
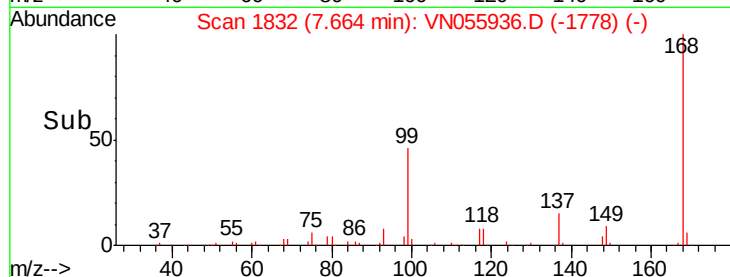
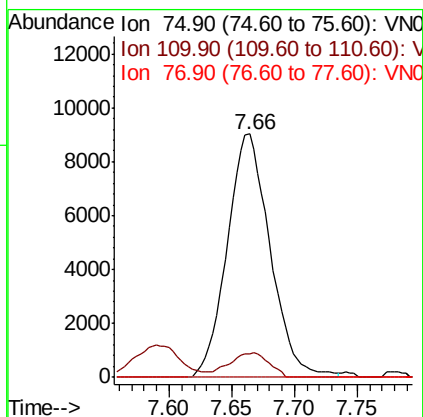
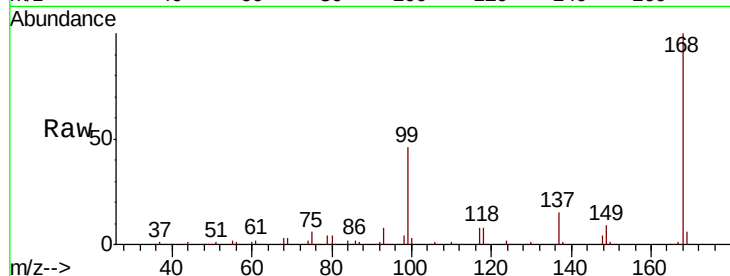




#36
 1,1-Dichloropropene
 Concen: 4.639 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055936.D
 Acq: 31 May 2019 23:05

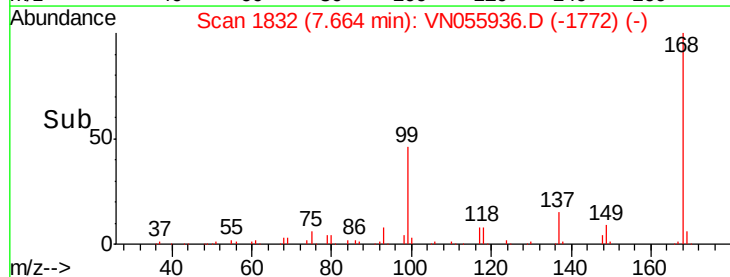
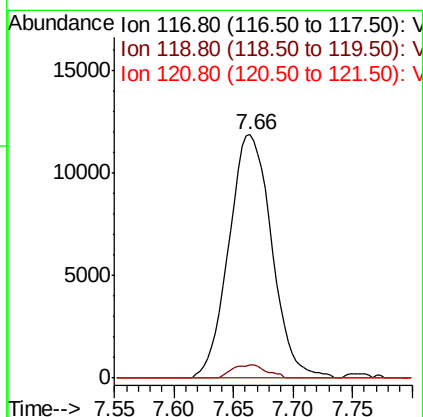
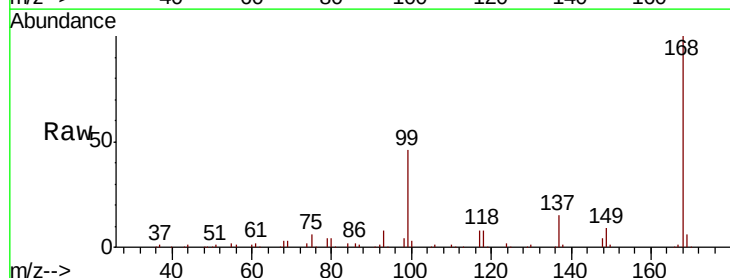
Instrument :
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 ClientSampleId :
 66-67-TRACK

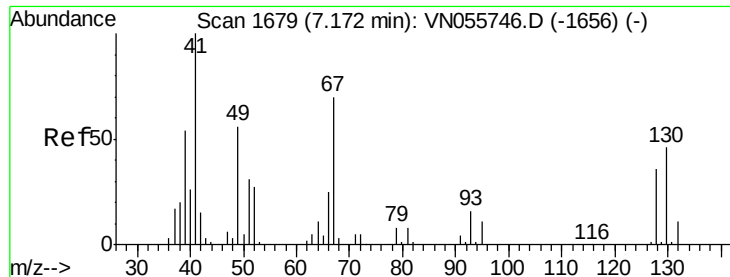
Tot Ion: 75 Resp: 21469
 Ion Ratio Lower Upper
 75 100
 110 9.3 19.0 57.0#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.146 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN055936.D
 Acq: 31 May 2019 23:05

Tgt Ion: 117 Resp: 29627
 Ion Ratio Lower Upper
 117 100
 119 5.3 79.0 118.6#
 121 0.0 24.7 37.1#



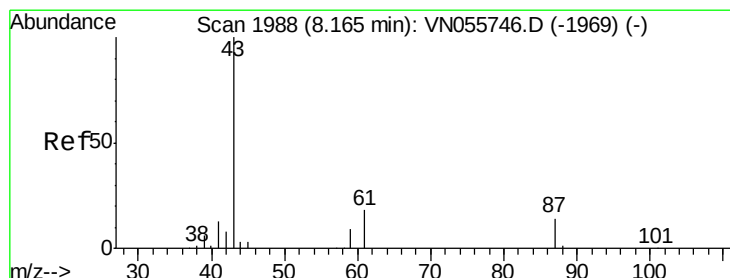
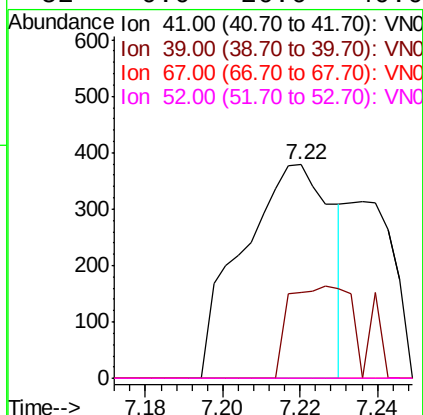
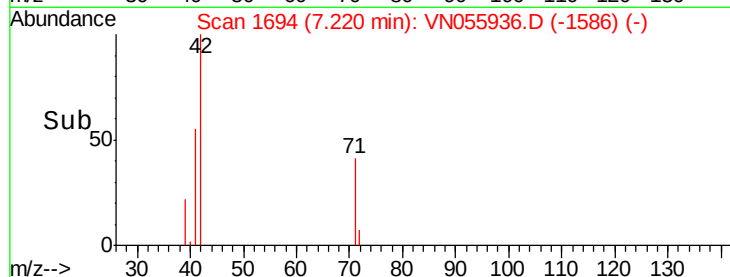
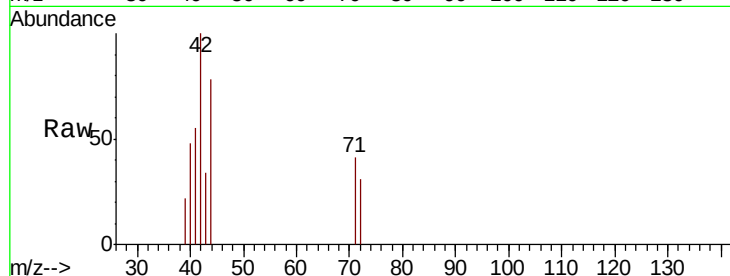


#41
Methacrylonitrile
Concen: 0.271 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.05 min
Lab File: VN055936.D
Acq: 31 May 2019 23:05

Instrument :
MSVOA_N
ClientSampleId :
66-67-TRACK

Tot Ion: 41 Resp: 612

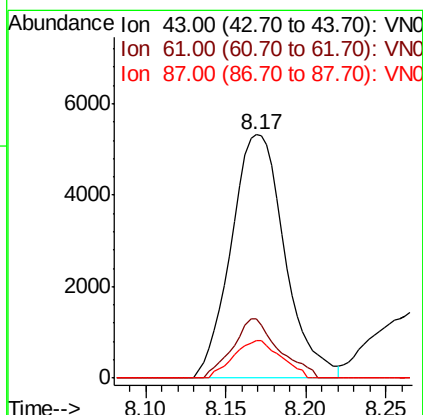
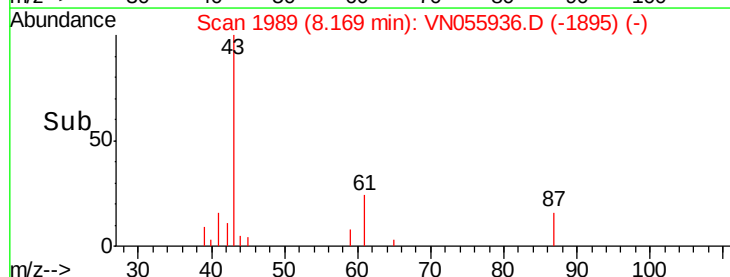
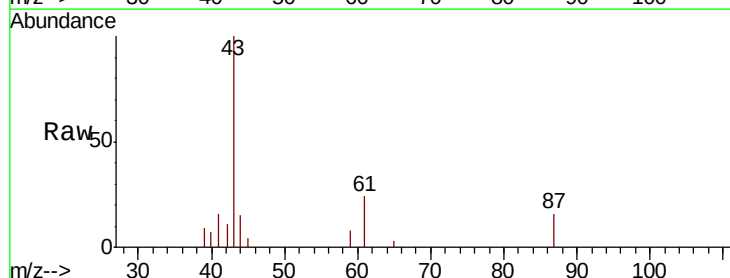
Ion	Ratio	Lower	Upper
41	100		
39	34.2	45.6	68.4#
67	0.0	67.7	101.5#
52	0.0	26.6	40.0#

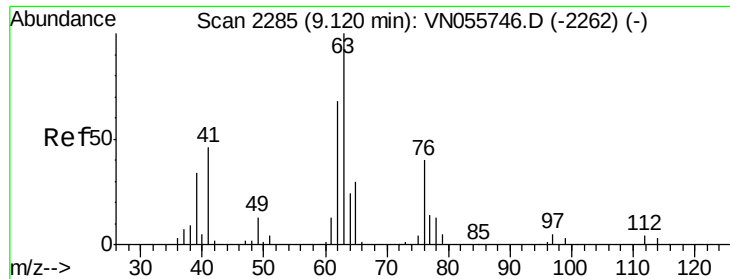


#43
Isopropyl Acetate
Concen: 1.628 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN055936.D
Acq: 31 May 2019 23:05

Tgt Ion: 43 Resp: 12233

Ion	Ratio	Lower	Upper
43	100		
61	20.8	22.2	33.4#
87	13.7	11.4	17.2

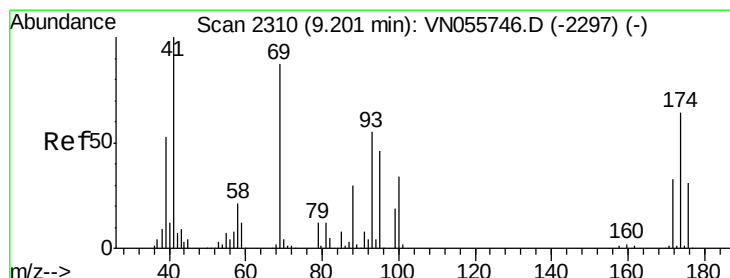
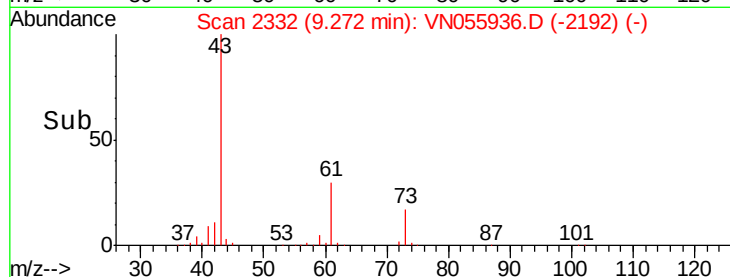
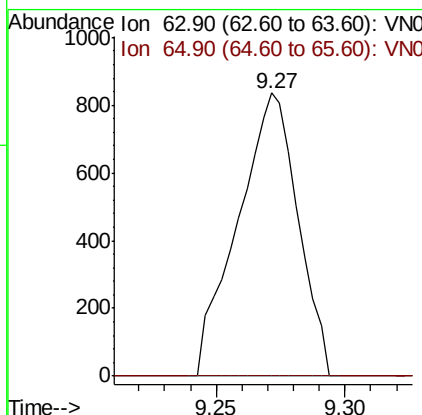
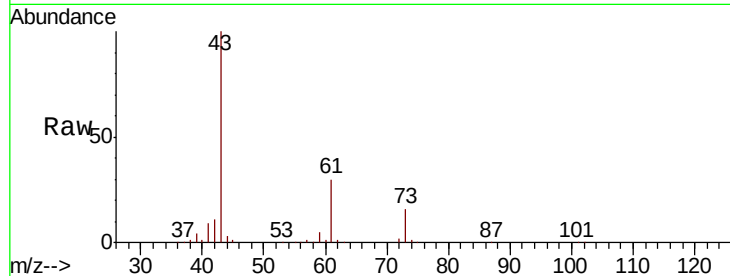




#45
 1,2-Dichloropropane
 Concen: 0.375 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN055936.D
 Acq: 31 May 2019 23:05

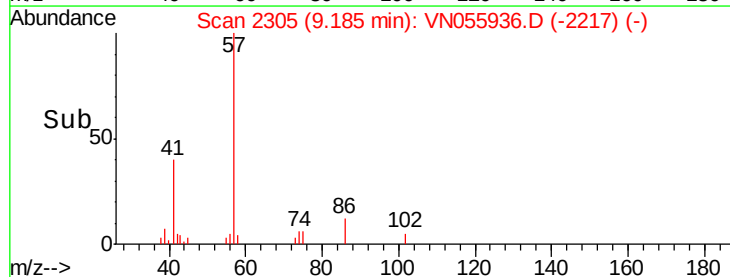
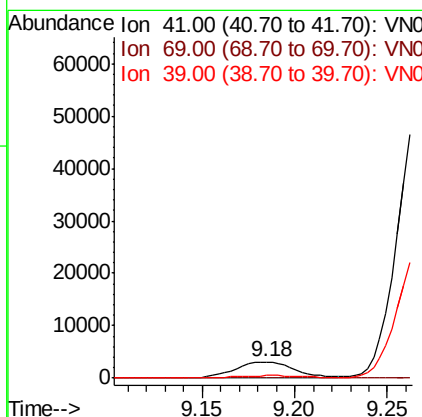
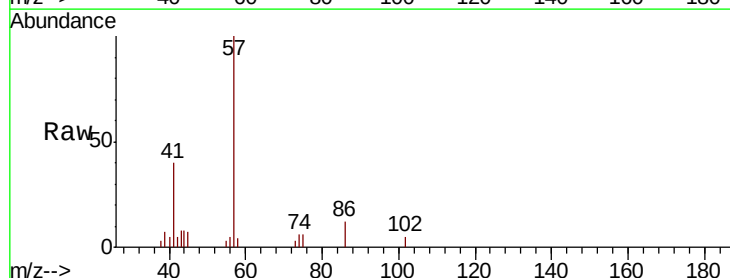
Instrument :
 MSVOA_N
 ClientSampleId :
 66-67-TRACK

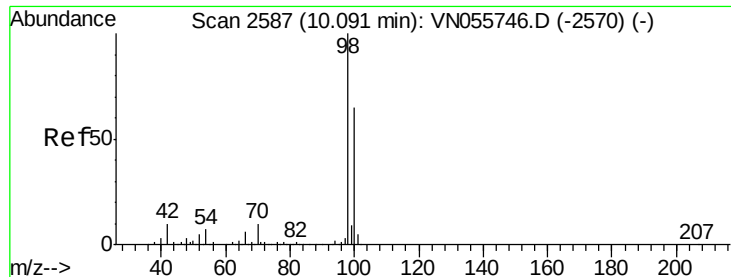
Tot Ion: 63 Resp: 1361
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.6 36.8#



#48
 Methyl methacrylate
 Concen: 1.976 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. -0.02 min
 Lab File: VN055936.D
 Acq: 31 May 2019 23:05

Tgt Ion: 41 Resp: 6844
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.0 106.6#
 39 0.0 44.2 66.2#

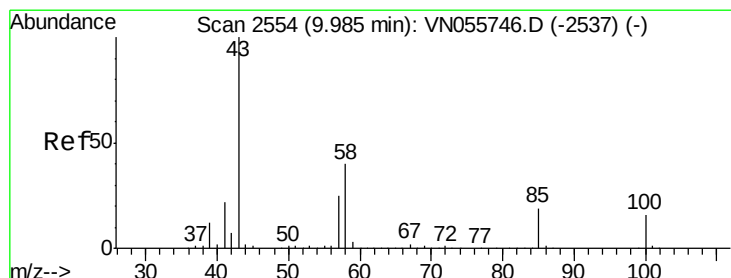
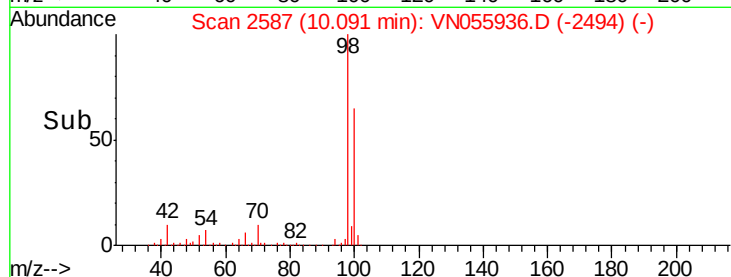
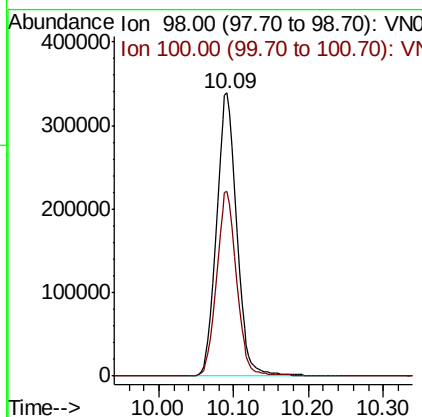
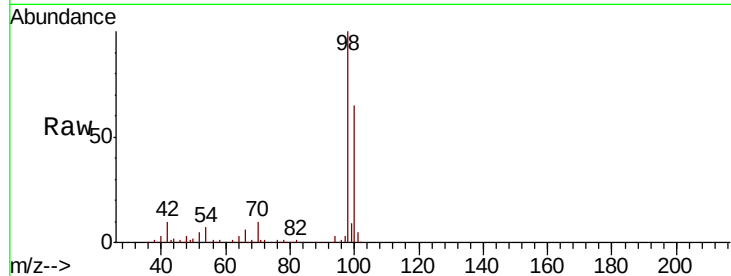




#50
Toluene-d8
Concen: 49.597 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055936.D
Acq: 31 May 2019 23:05

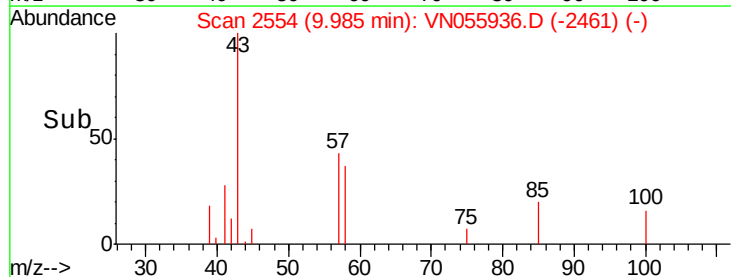
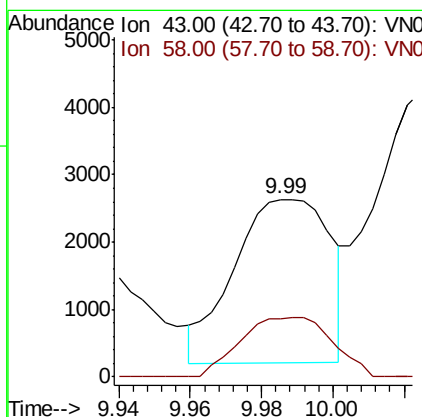
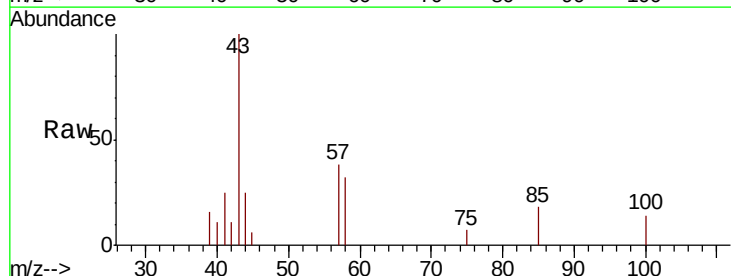
Instrument :
MSVOA_N
ClientSampleId :
66-67-TRACK

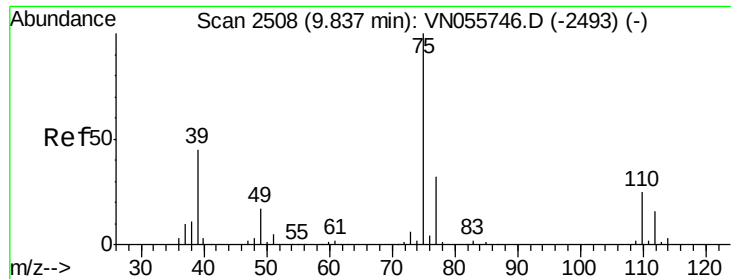
Tot Ion: 98 Resp: 638710
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.020 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055936.D
Acq: 31 May 2019 23:05

Tgt Ion: 43 Resp: 4528
Ion Ratio Lower Upper
43 100
58 34.5 32.1 48.1



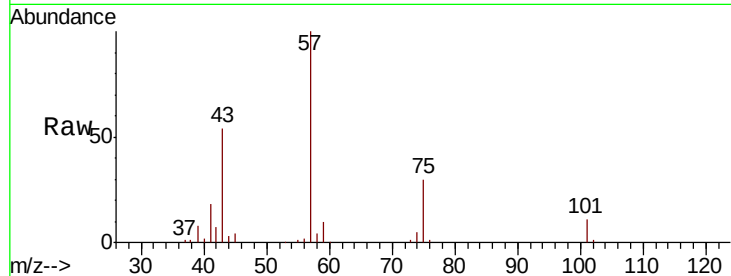


#54

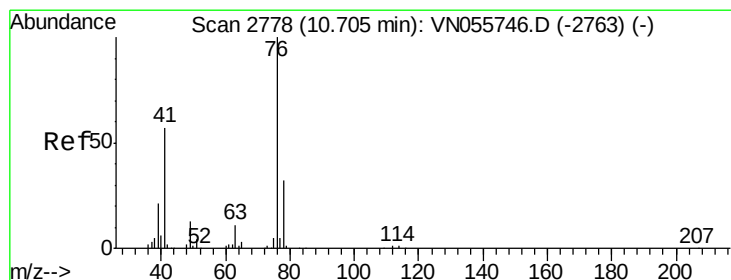
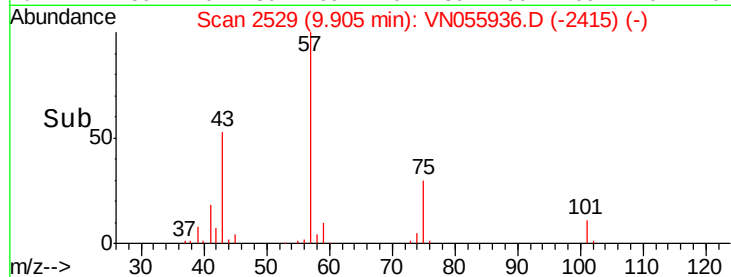
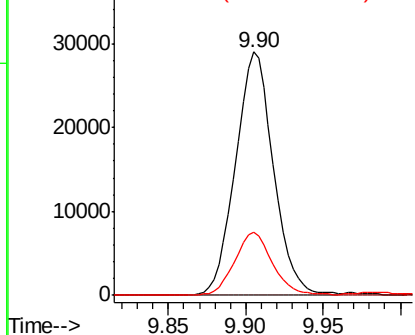
cis-1,3-Dichloropropene
 Concen: 8.562 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN055936.D
 Acq: 31 May 2019 23:05

Instrument :
 MSVOA_N
 ClientSampleId :
 66-67-TRACK

Tot Ion: 75 Resp: 49471
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 26.0 36.3 54.5#



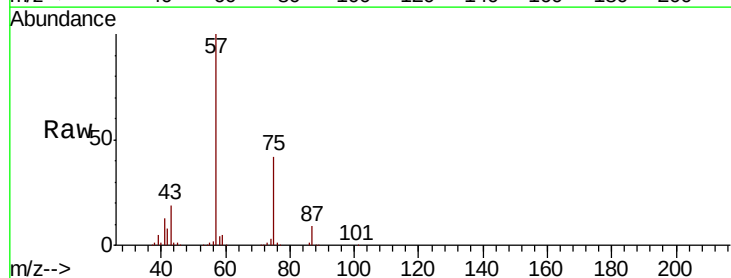
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



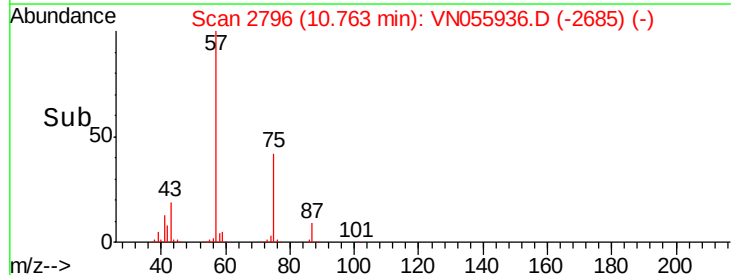
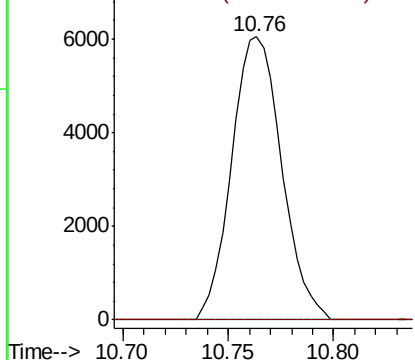
#57

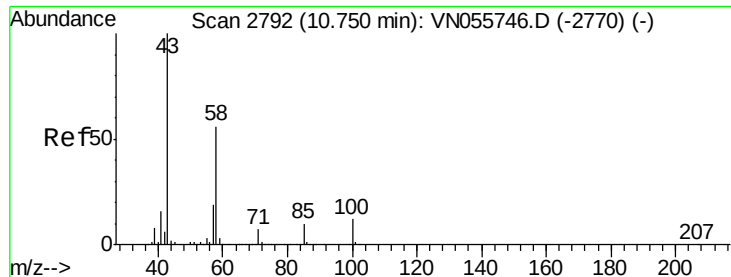
1,3-Dichloropropane
 Concen: 1.747 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055936.D
 Acq: 31 May 2019 23:05

Tgt Ion: 76 Resp: 9976
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 41.042 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055936.D

Acq: 31 May 2019 23:05

Instrument :

MSVOA_N

ClientSampled :

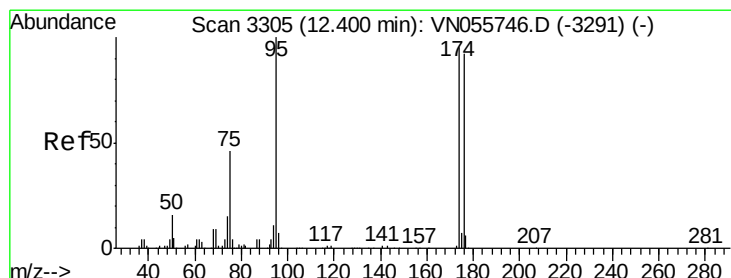
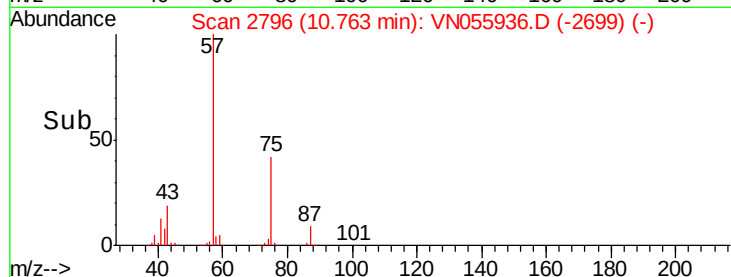
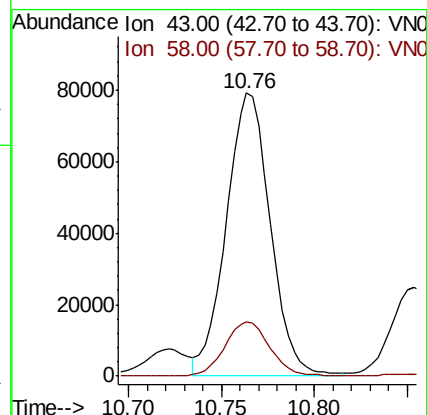
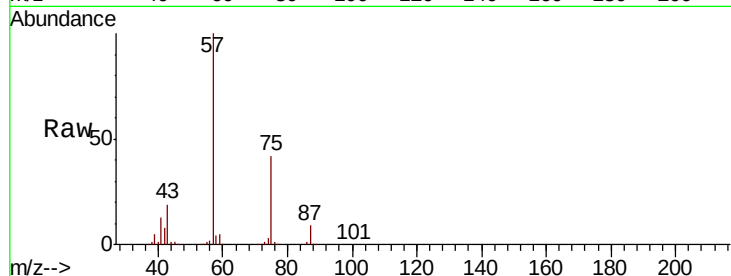
66-67-TRACK

Tot Ion: 43 Resp: 129216

Ion Ratio Lower Upper

43 100

58 19.8 28.2 84.7#



#62

4-Bromofluorobenzene

Concen: 46.182 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055936.D

Acq: 31 May 2019 23:05

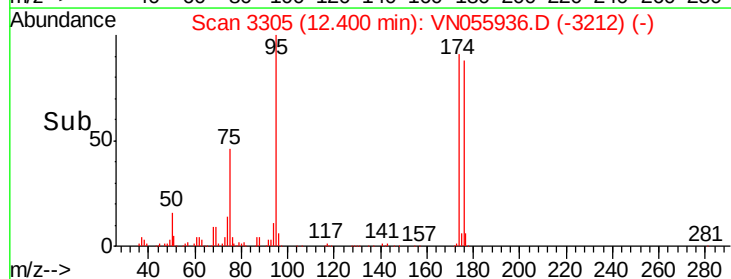
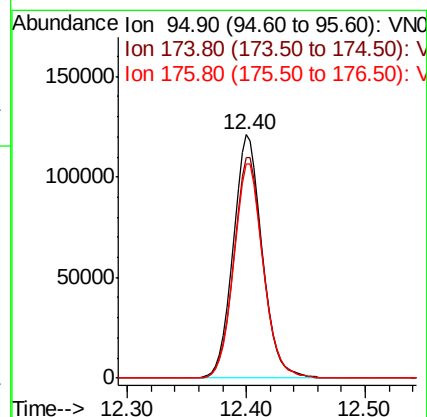
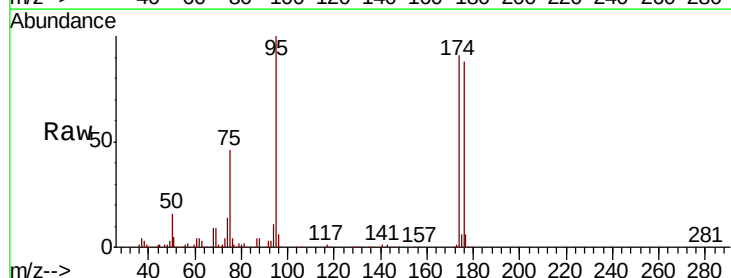
Tgt Ion: 95 Resp: 203924

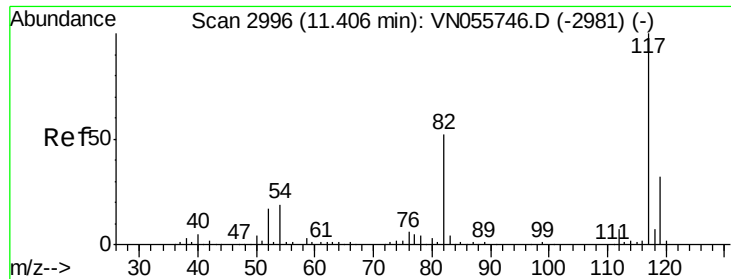
Ion Ratio Lower Upper

95 100

174 91.9 0.0 191.0

176 89.4 0.0 185.2

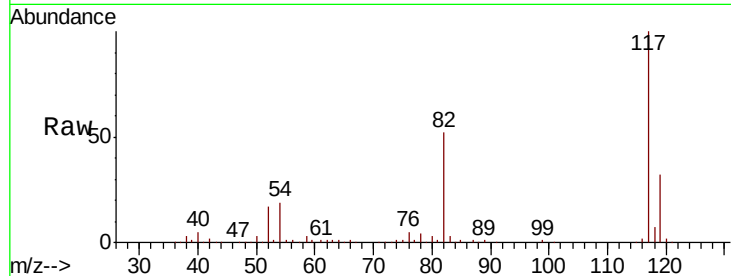




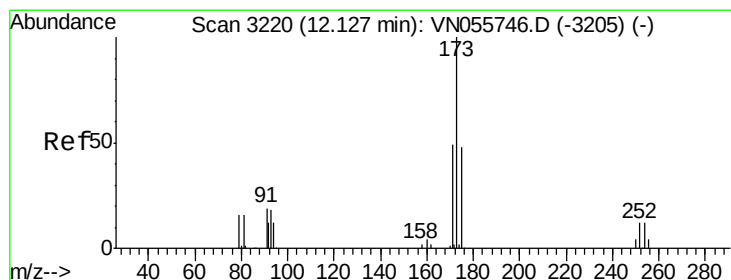
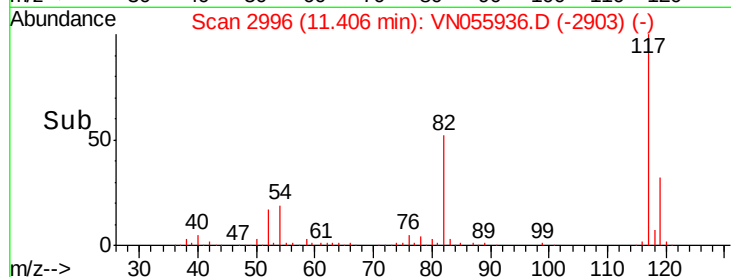
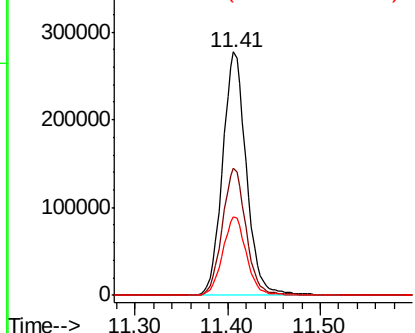
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055936.D
Acq: 31 May 2019 23:05

Instrument :
MSVOA_N
ClientSampleId :
66-67-TRACK

Tot Ion:117 Resp: 493802
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 32.1 25.4 38.0

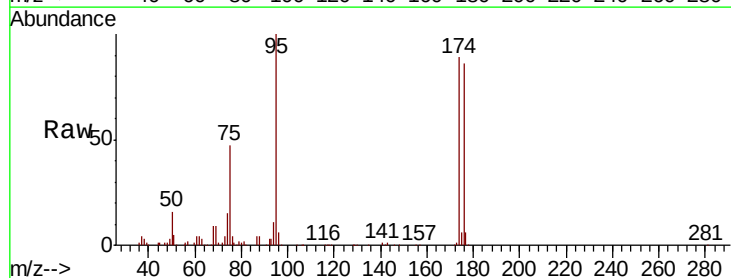


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

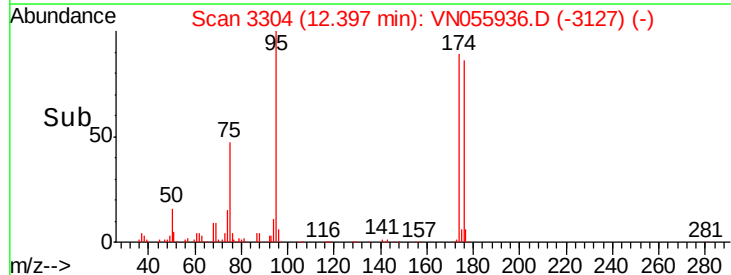
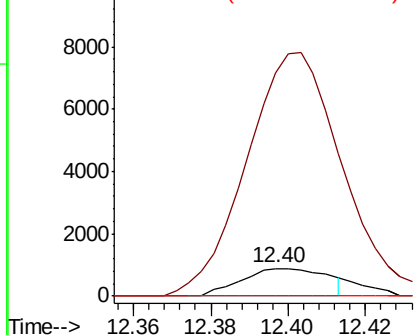


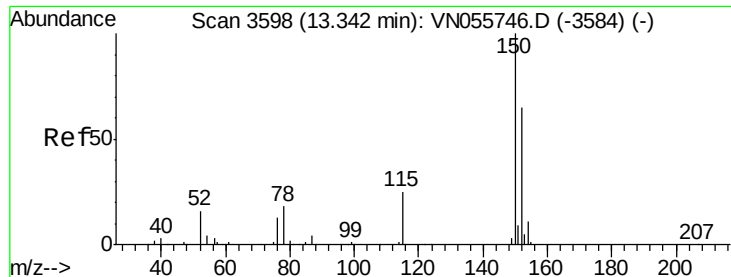
#71
Bromoform
Concen: 0.406 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN055936.D
Acq: 31 May 2019 23:05

Tgt Ion:173 Resp: 1366
Ion Ratio Lower Upper
173 100
175 848.3 24.3 72.8#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055936.D

Acq: 31 May 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

66-67-TRACK

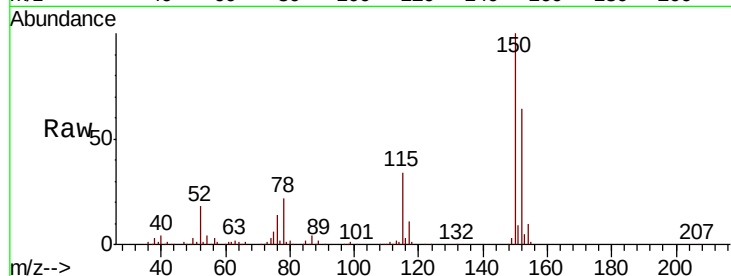
Tot Ion:152 Resp: 159809

Ion Ratio Lower Upper

152 100

115 53.8 27.0 81.0

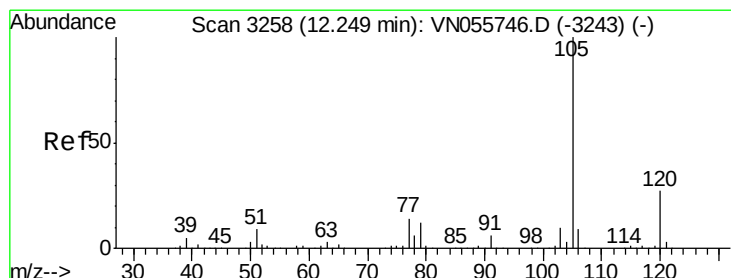
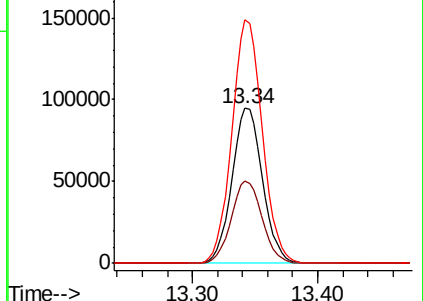
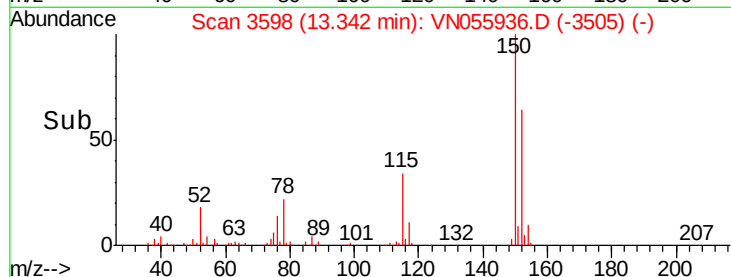
150 156.7 0.0 343.2



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# 3259

Delta R.T. 0.00 min

Lab File: VN055936.D

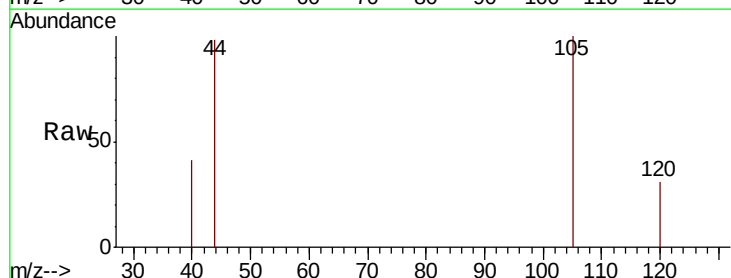
Acq: 31 May 2019 23:05

Tgt Ion:105 Resp: 878

Ion Ratio Lower Upper

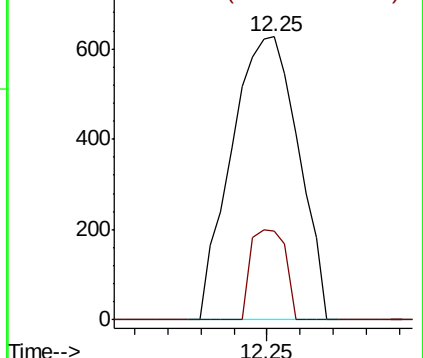
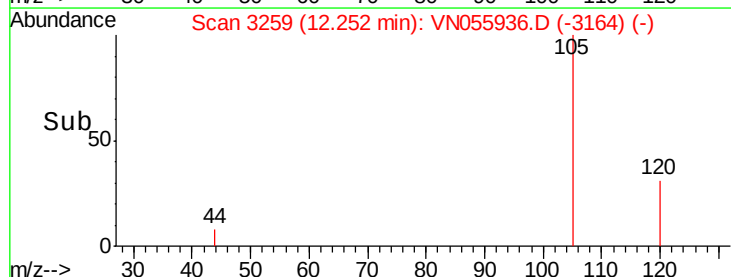
105 100

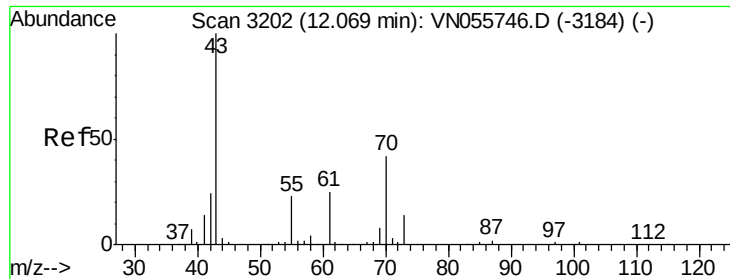
120 16.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: Below Cal

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN055936.D

Acq: 31 May 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

66-67-TRACK

Tot Ion: 43 Resp: 1733

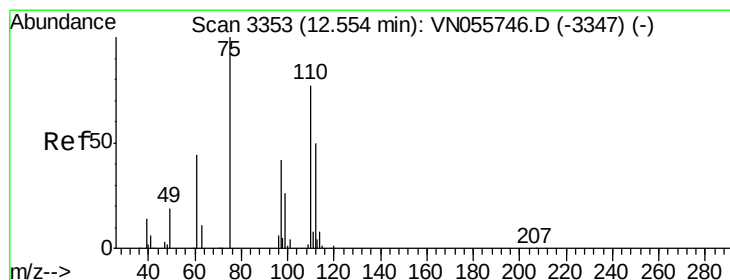
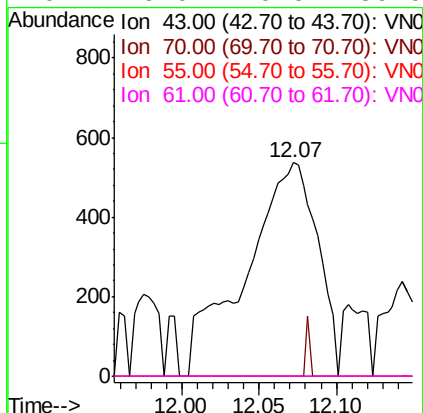
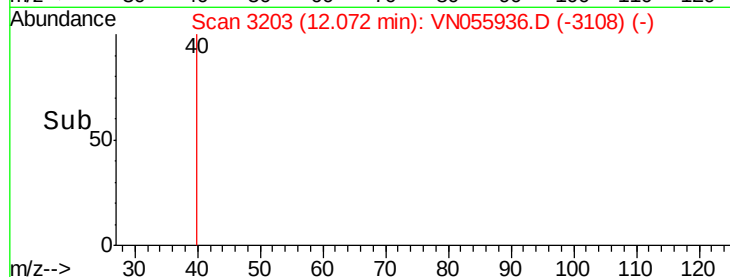
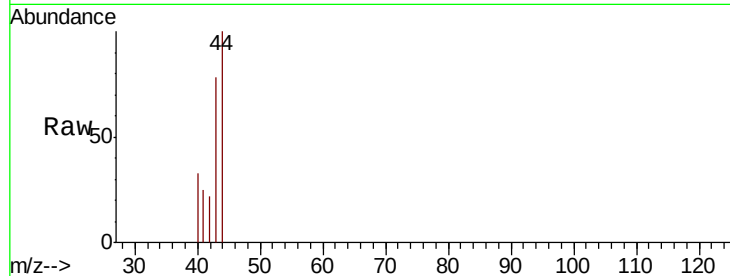
Ion Ratio Lower Upper

43 100

70 1.7 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#



#76

1,2,3-Trichloropropane

Concen: 32.964 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055936.D

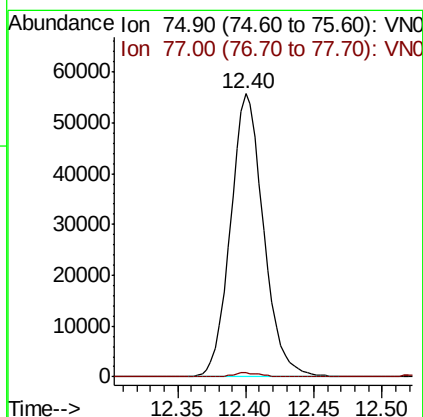
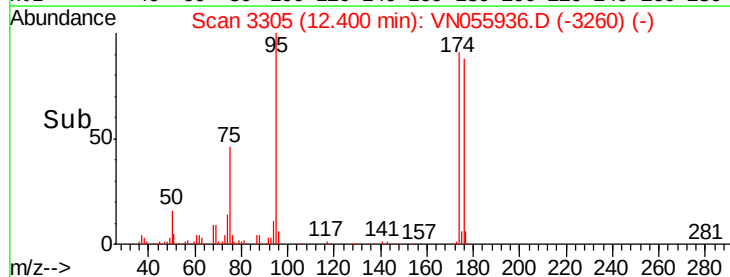
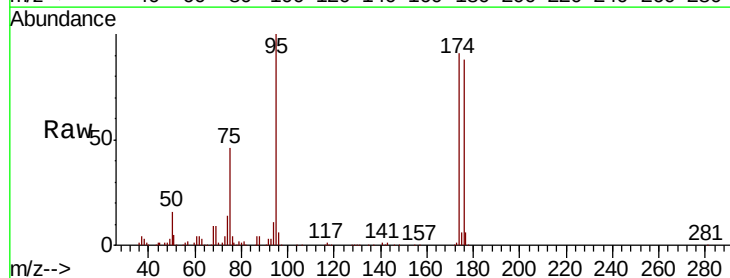
Acq: 31 May 2019 23:05

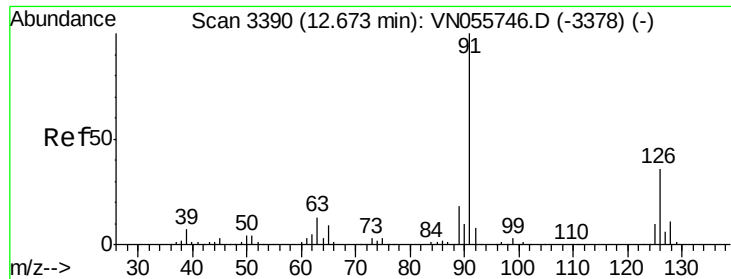
Tgt Ion: 75 Resp: 93660

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055936.D

Acq: 31 May 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

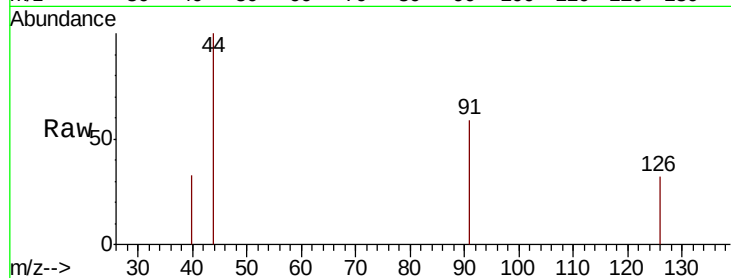
66-67-TRACK

Tot Ion: 91 Resp: 590

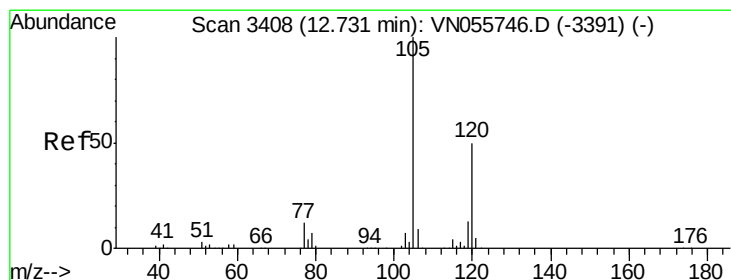
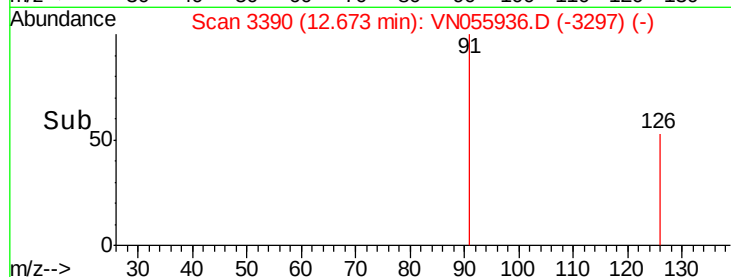
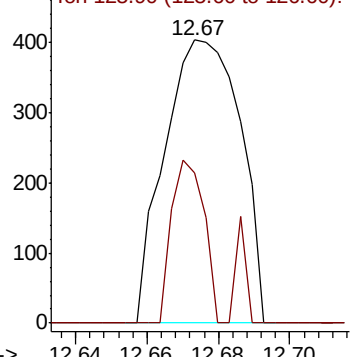
Ion Ratio Lower Upper

91 100

126 24.9 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055936.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055936.D

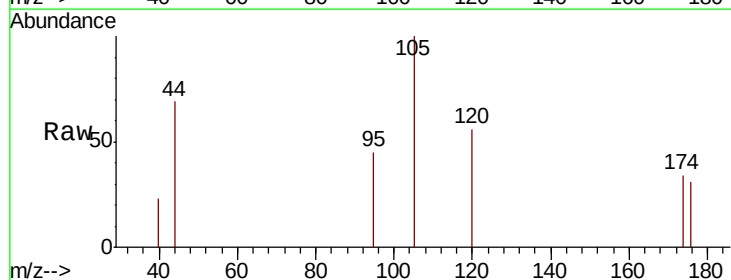
Acq: 31 May 2019 23:05

Tgt Ion: 105 Resp: 1427

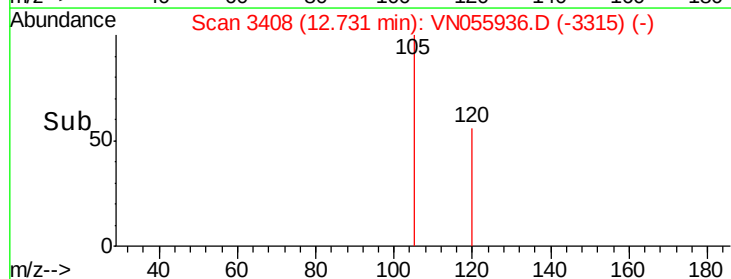
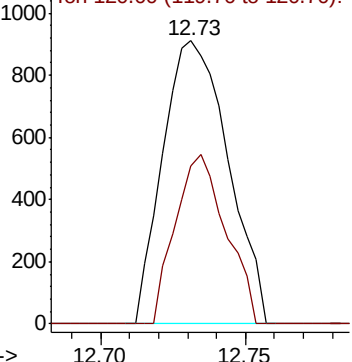
Ion Ratio Lower Upper

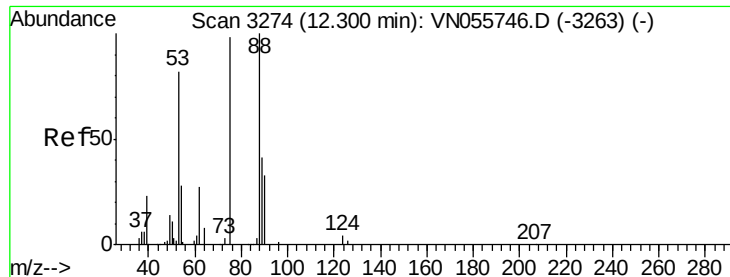
105 100

120 46.2 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055936.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 78.855 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055936.D

Acq: 31 May 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

66-67-TRACK

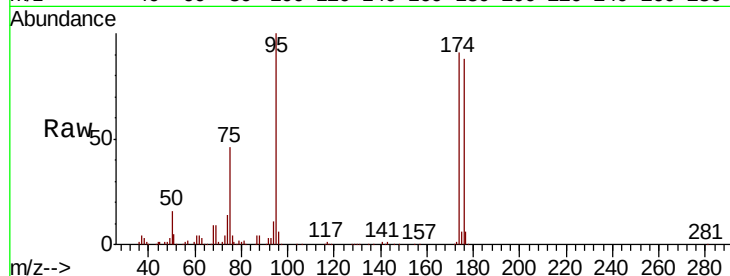
Tot Ion: 75 Resp: 93660

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

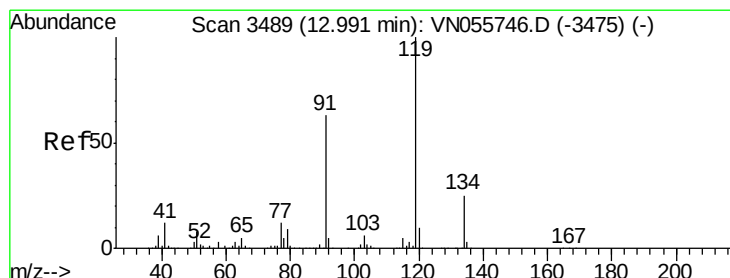
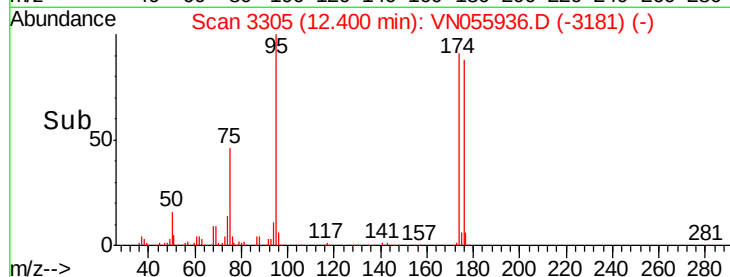
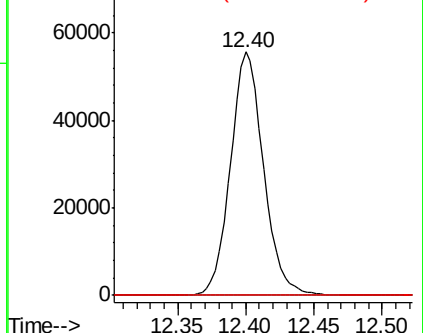
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN055936.D

Acq: 31 May 2019 23:05

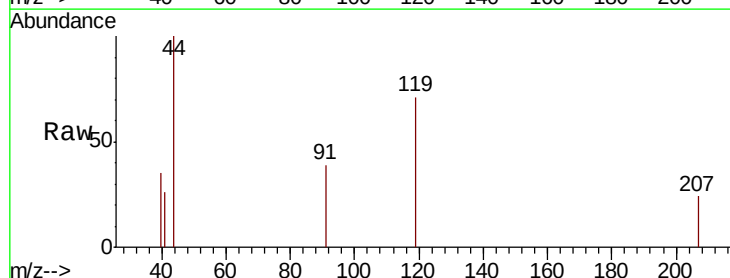
Tgt Ion: 119 Resp: 704

Ion Ratio Lower Upper

119 100

91 44.2 30.9 92.8

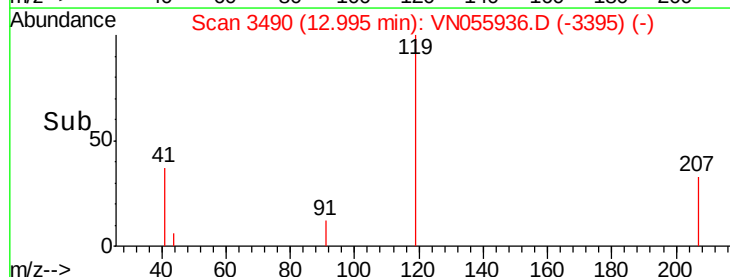
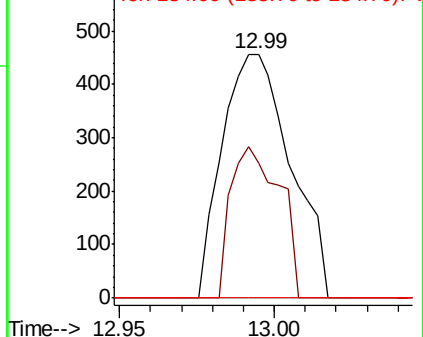
134 0.0 13.3 39.8#

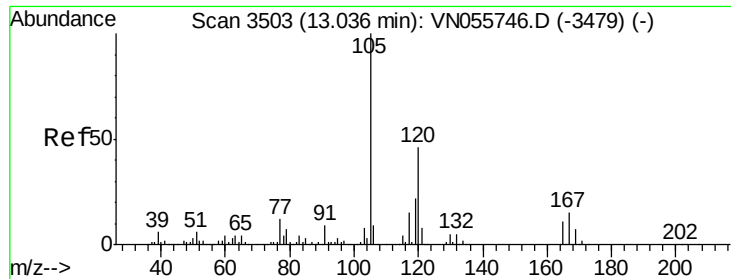


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

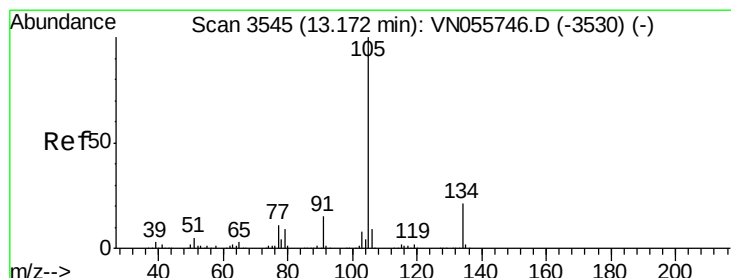
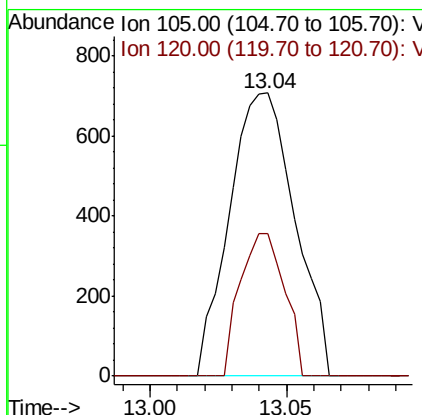
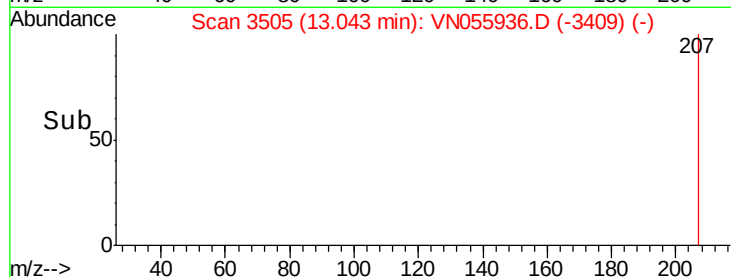
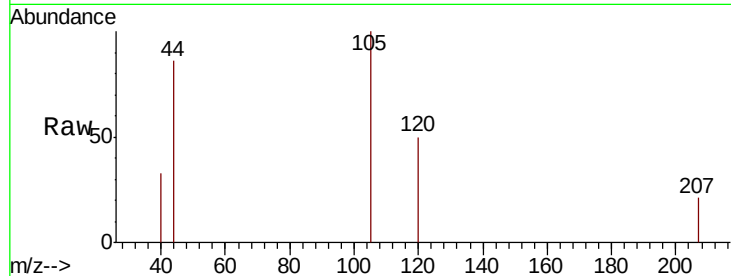




#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.01 min
 Lab File: VN055936.D
 Acq: 31 May 2019 23:05

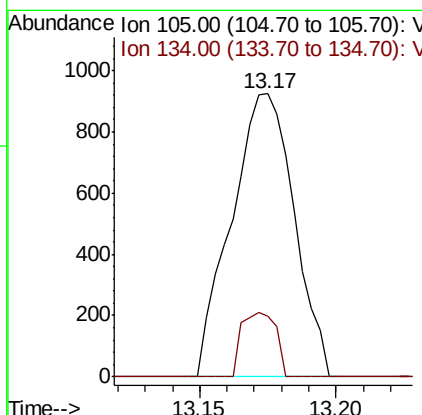
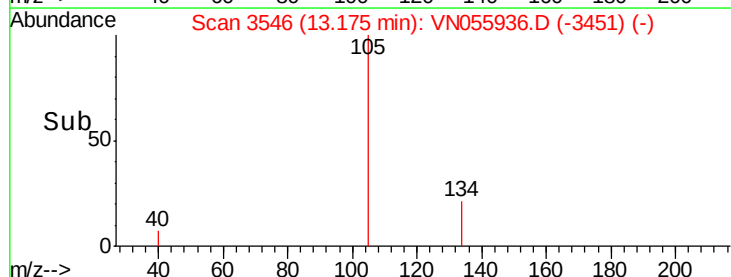
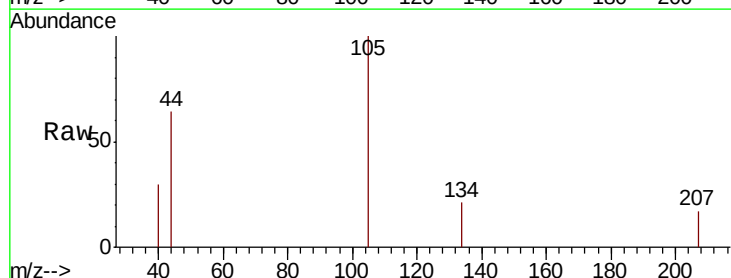
Instrument :
 MSVOA_N
 ClientSampleId :
 66-67-TRACK

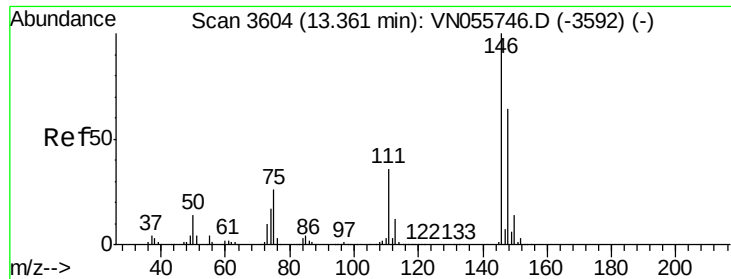
Tot Ion:105 Resp: 1180
 Ion Ratio Lower Upper
 105 100
 120 34.1 23.0 69.0



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN055936.D
 Acq: 31 May 2019 23:05

Tgt Ion:105 Resp: 1473
 Ion Ratio Lower Upper
 105 100
 134 12.3 10.4 31.2





#88

1,4-Dichlorobenzene

Concen: 0.215 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN055936.D

Acq: 31 May 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

66-67-TRACK

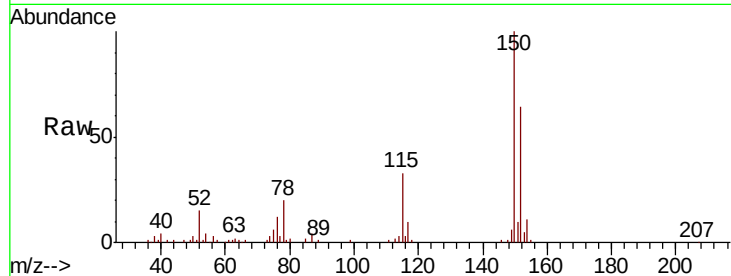
Tot Ion:146 Resp: 1104

Ion Ratio Lower Upper

146 100

111 193.8 18.1 54.4#

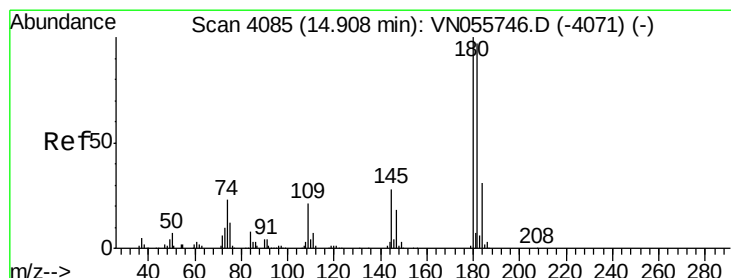
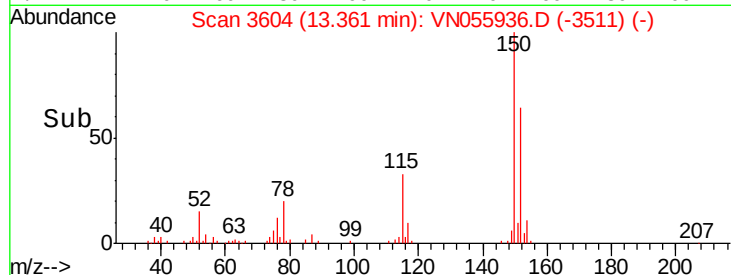
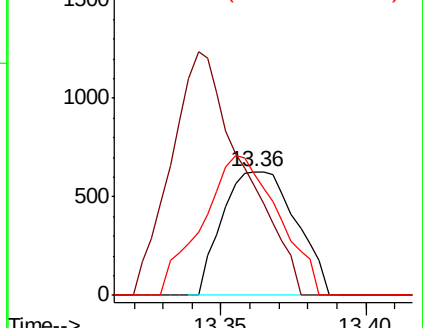
148 116.8 32.1 96.5#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 4.031 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055936.D

Acq: 31 May 2019 23:05

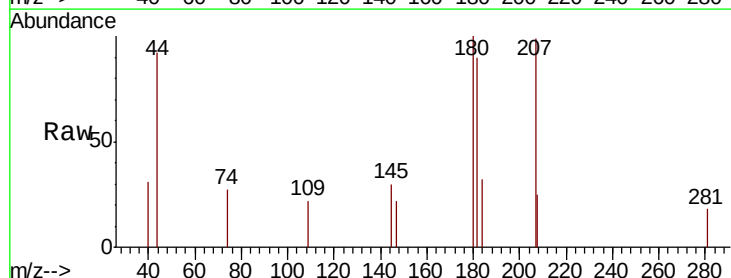
Tgt Ion:180 Resp: 1316

Ion Ratio Lower Upper

180 100

182 100.8 48.3 144.9

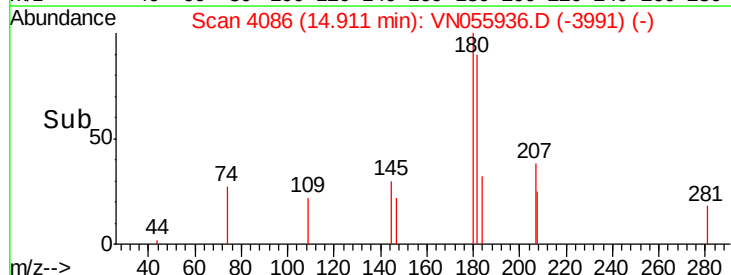
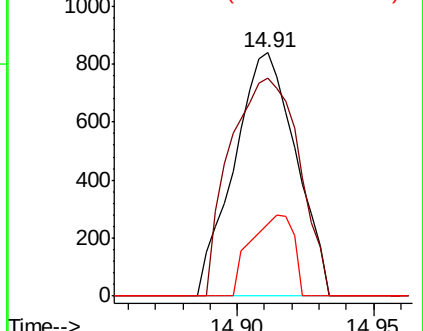
145 23.0 14.0 41.9

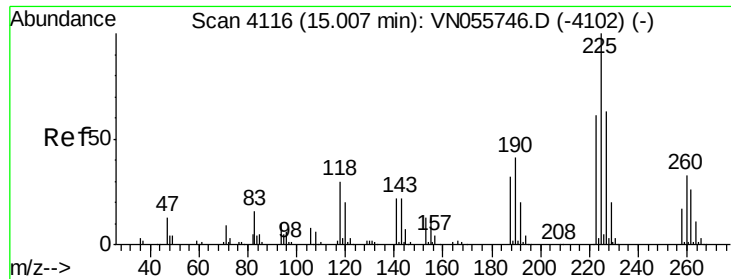


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN055936.D

Acq: 31 May 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

66-67-TRACK

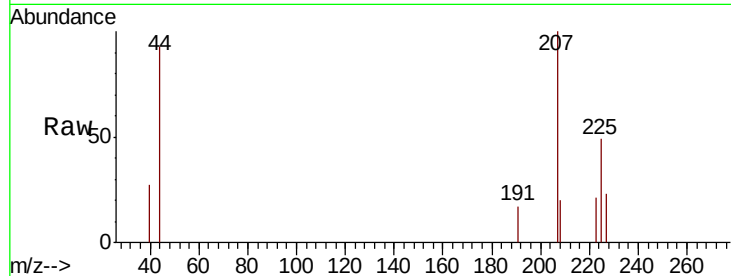
Tot Ion:225 Resp: 514

Ion Ratio Lower Upper

225 100

223 39.1 30.9 92.7

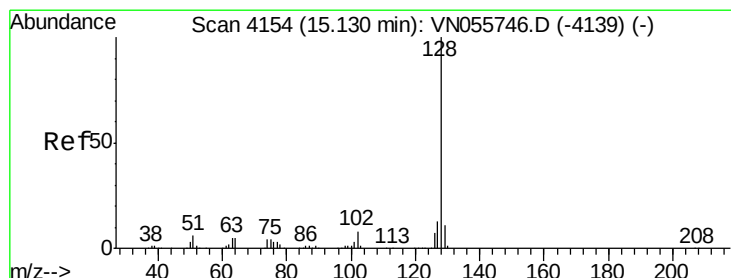
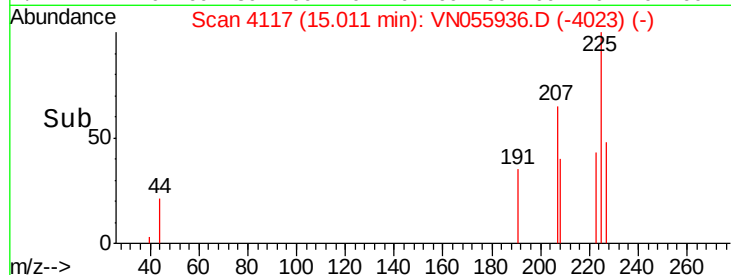
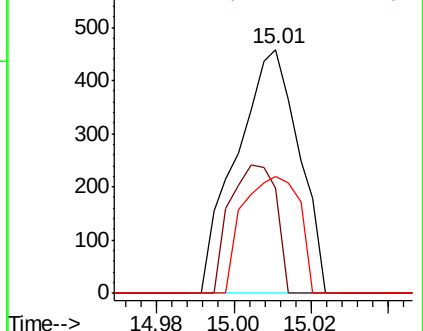
227 43.2 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.606 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055936.D

Acq: 31 May 2019 23:05

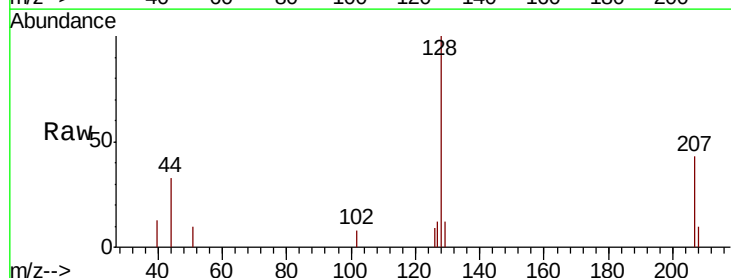
Tgt Ion:128 Resp: 4477

Ion Ratio Lower Upper

128 100

127 9.3 10.3 15.5#

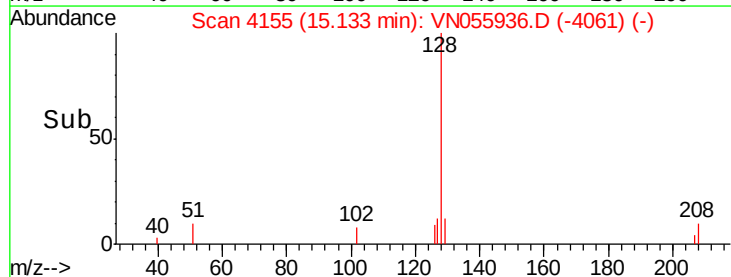
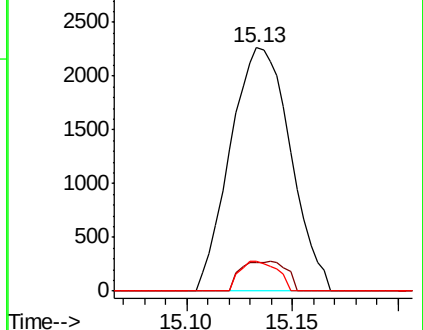
129 7.7 8.7 13.1#

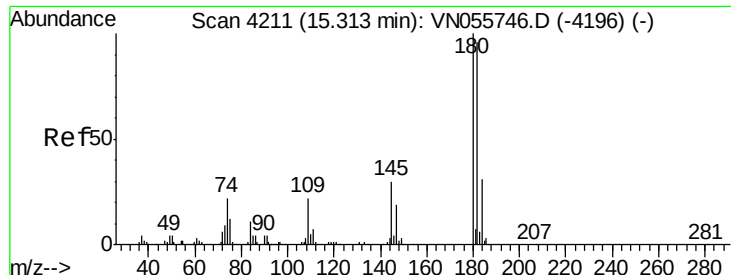


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

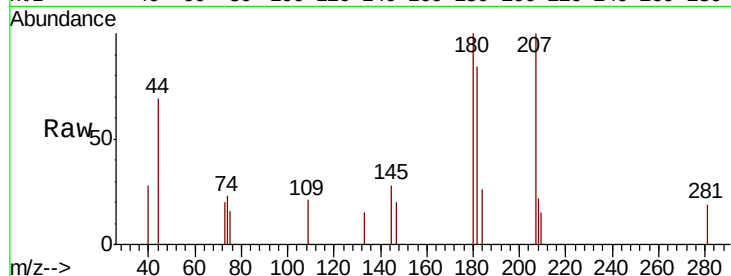




#96
 1,2,3-Trichlorobenzene
 Concen: 0.610 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN055936.D
 Acq: 31 May 2019 23:05

Instrument :
 MSVOA_N
 ClientSampleId :
 66-67-TRACK

Tot Ion	Ratio	Lower	Upper
180	100		
182	79.0	47.9	143.7
145	23.2	14.9	44.7



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

