

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057003.D
 Acq On : 31 Jul 2019 10:48
 Operator : JC/SP
 Sample : PB121844TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844TB

Quant Time: Aug 01 01:17:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	620483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	900141	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	776473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	215276	50.00	ug/l	0.00

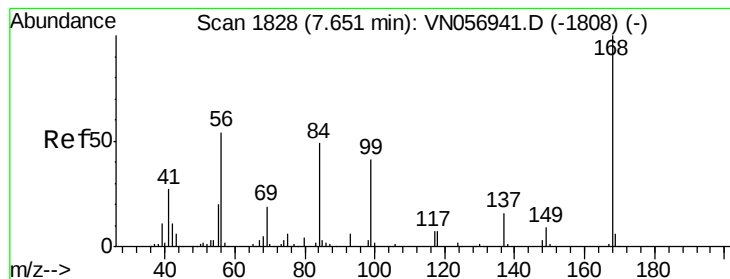
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	305946	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
35) Dibromofluoromethane	7.58	113	276696	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	10.08	98	1073945	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.40	95	290807	40.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.30%	

Target Compounds

					Qvalue	
5) Bromomethane	2.56	94	1186	0.271	ug/l	81
10) Methyl Iodide	3.94	142	1685	0.221	ug/l #	61
11) Tert butyl alcohol	4.73	59	5719	6.661	ug/l #	74
13) Acrolein	3.61	56	66	Below Cal	#	15
14) Allyl chloride	4.54	41	1995	0.225	ug/l #	29
16) Acetone	3.81	43	25270	10.982	ug/l	99
20) Methylene Chloride	4.54	84	49806	7.514	ug/l	99
31) Cyclohexane	7.65	56	9689	0.928	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	39053	4.931	ug/l #	49
38) Carbon Tetrachloride	7.65	117	53832	7.185	ug/l #	16
43) Isopropyl Acetate	8.16	43	22429	2.139	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	2062	0.316	ug/l #	44
48) Methyl methacrylate	9.17	41	9045	1.787	ug/l #	12
51) 4-Methyl-2-Pentanone	9.98	43	5325	0.855	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	63975	6.853	ug/l #	63
56) Ethyl methacrylate	10.54	69	1201	1.891	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	13323	1.367	ug/l #	42
59) 2-Hexanone	10.76	43	176153	38.850	ug/l #	50
70) Styrene	11.96	104	928	1.918	ug/l	90
71) Bromoform	12.40	173	2471	0.594	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	65	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	131677	30.119	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	11138	0.729	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	131677	96.771	ug/l #	15
91) 1,2-Dichlorobenzene	13.65	146	1601	0.220	ug/l	91
93) 1,2,4-Trichlorobenzene	14.91	180	1811	3.168	ug/l	93
94) Hexachlorobutadiene	15.01	225	593	Below Cal	#	75
95) Naphthalene	15.12	128	5266	4.122	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	2412	2.660	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057003.D

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Instrument :

MSVOA_N

ClientSampleId :

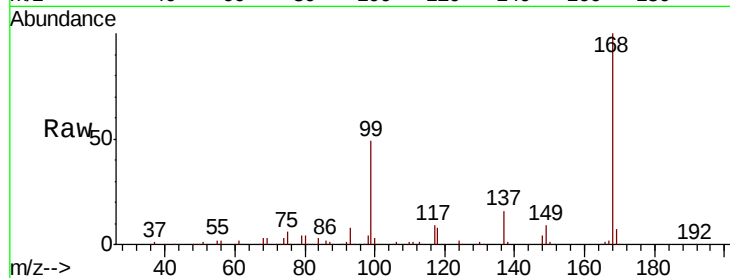
PB121844TB

Tot Ion:168 Resp: 620483

Ion Ratio Lower Upper

168 100

99 48.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

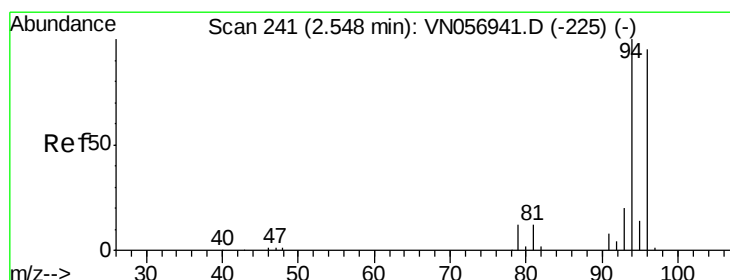
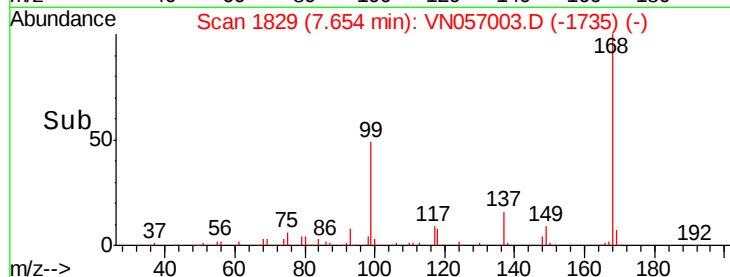
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.271 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.02 min

Lab File: VN057003.D

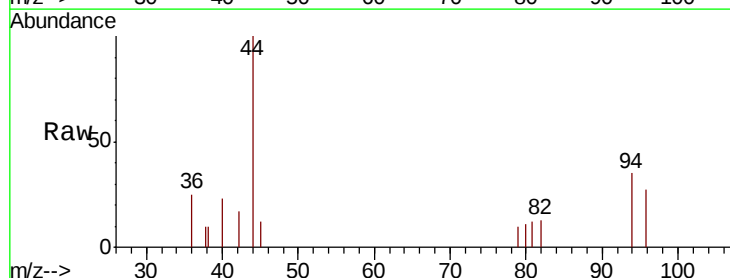
Acq: 31 Jul 2019 10:48

Tgt Ion: 94 Resp: 1186

Ion Ratio Lower Upper

94 100

96 76.6 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.56

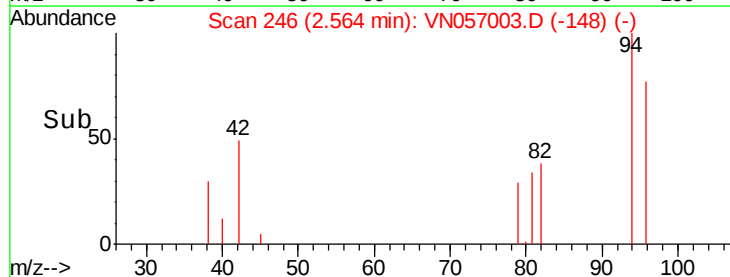
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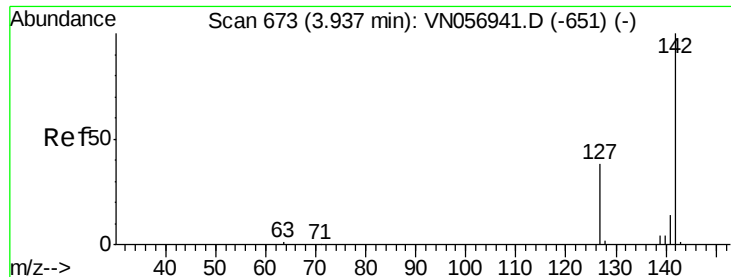
400

200

0

Time-->

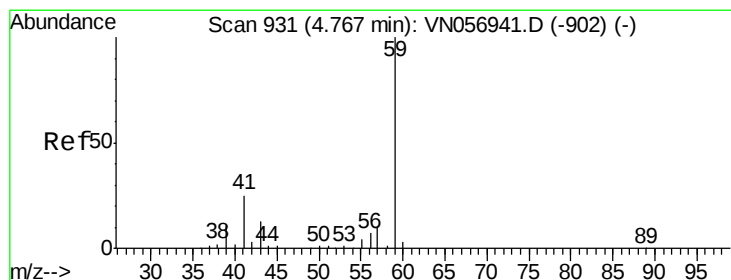
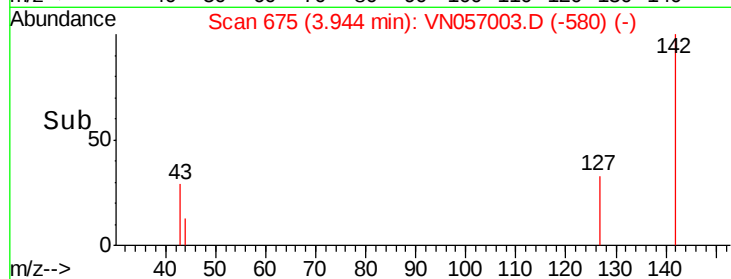
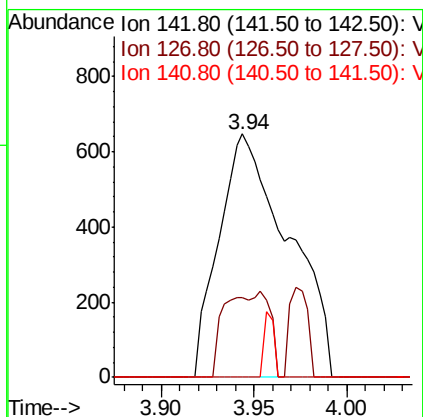
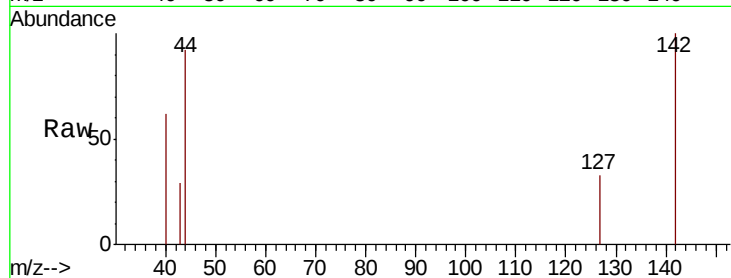




#10
Methyl Iodide
Concen: 0.221 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.01 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

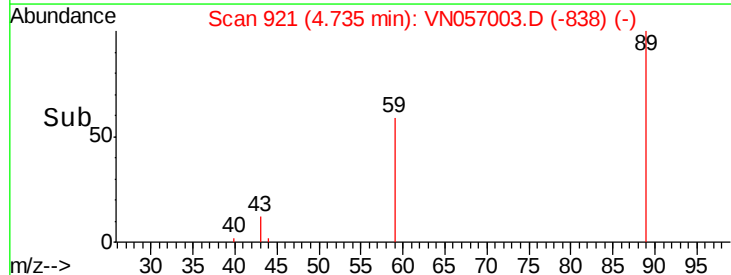
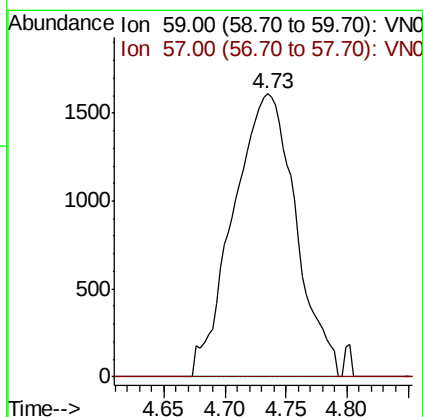
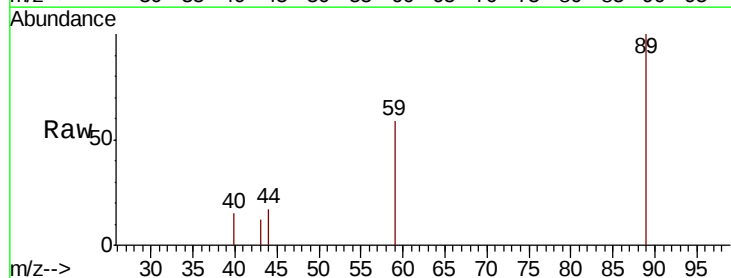
Instrument :
MSVOA_N
ClientSampled :
PB121844TB

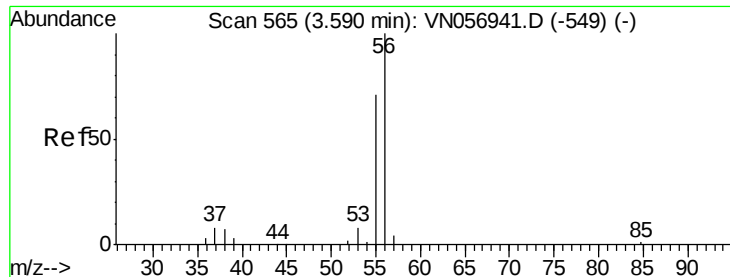
Tot Ion:142 Resp: 1685
Ion Ratio Lower Upper
142 100
127 13.6 30.4 45.6#
141 0.0 11.1 16.7#



#11
Tert butyl alcohol
Concen: 6.661 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.03 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion: 59 Resp: 5719
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#





#13

Acrolein

Concen: Below Cal

RT: 3.61 min Scan# 570

Delta R.T. 0.02 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

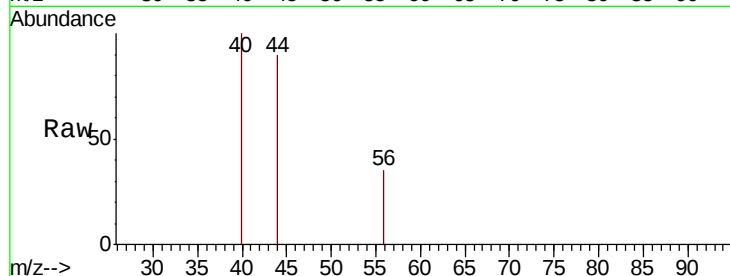
PB121844TB

Tot Ion: 56 Resp: 66

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

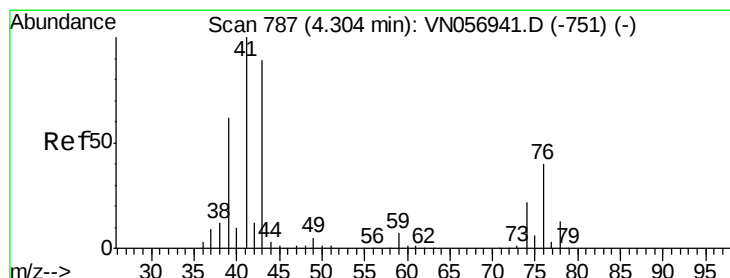
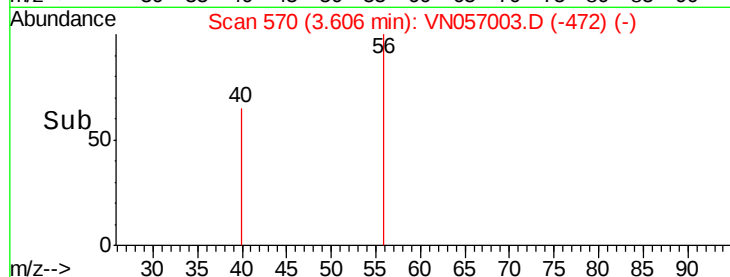
150

100

50

0

Time-->



#14

Allyl chloride

Concen: 0.225 ug/l

RT: 4.54 min Scan# 859

Delta R.T. 0.23 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

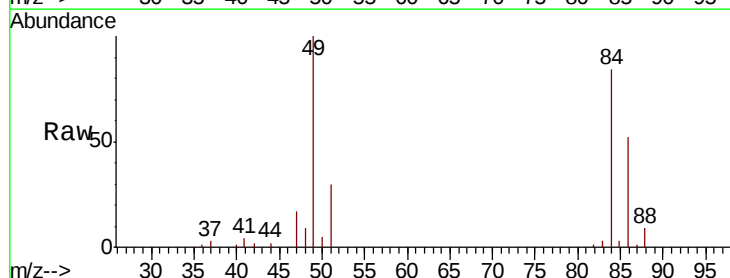
Tgt Ion: 41 Resp: 1995

Ion Ratio Lower Upper

41 100

39 0.0 46.4 69.6#

76 0.0 28.4 42.6#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

1000

800

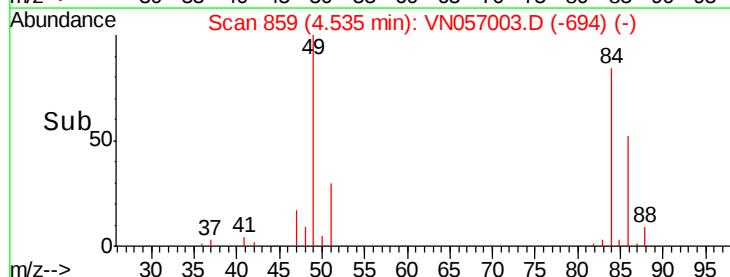
600

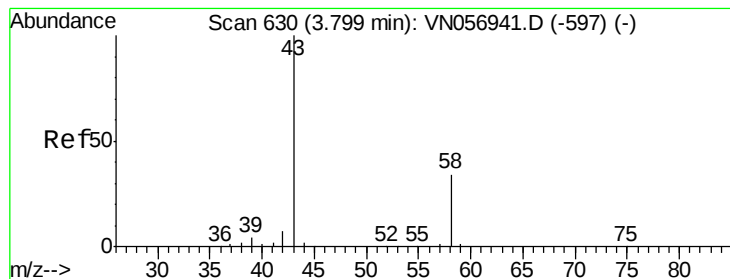
400

200

0

Time-->





#16

Acetone

Concen: 10.982 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

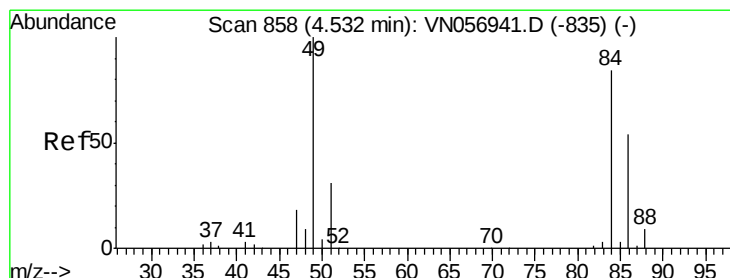
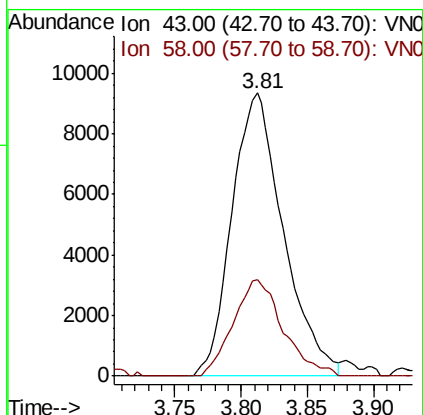
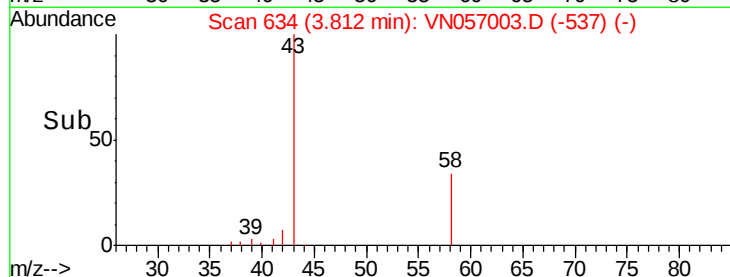
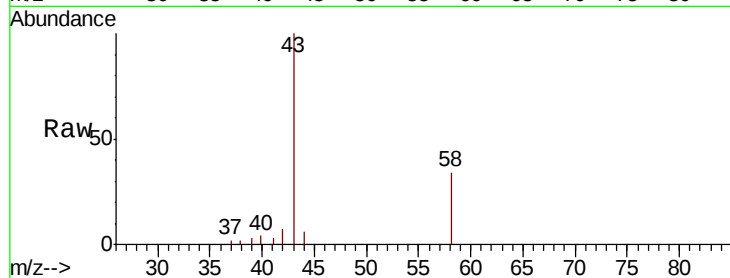
PB121844TB

Tot Ion: 43 Resp: 25270

Ion Ratio Lower Upper

43 100

58 34.3 27.2 40.8



#20

Methylene Chloride

Concen: 7.514 ug/l

RT: 4.54 min Scan# 859

Delta R.T. 0.00 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

Tgt Ion: 84 Resp: 49806

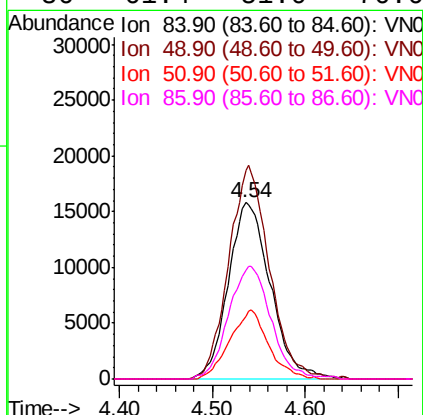
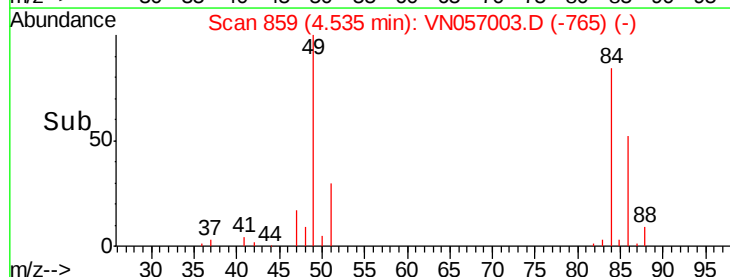
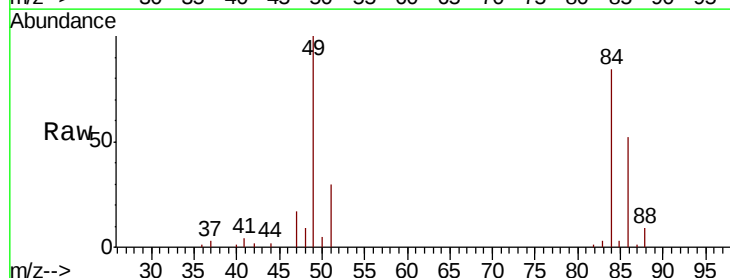
Ion Ratio Lower Upper

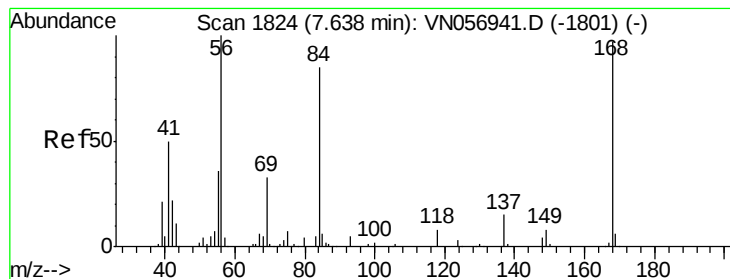
84 100

49 118.5 95.2 142.8

51 35.8 29.7 44.5

86 61.4 51.0 76.6





#31

Cyclohexane

Concen: 0.928 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.02 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

PB121844TB

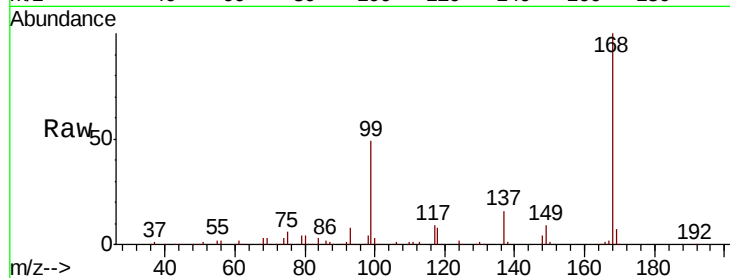
Tot Ion: 56 Resp: 9689

Ion Ratio Lower Upper

56 100

69 172.7 26.2 39.2#

84 144.1 68.2 102.2#

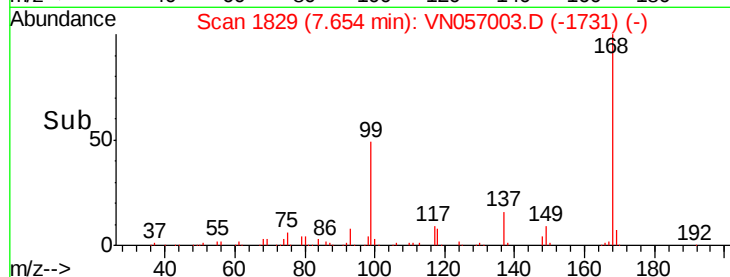


Abundance Ion 56.00 (55.70 to 56.70): VN056941.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN056941.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN056941.D (-1801) (-)

Time-->

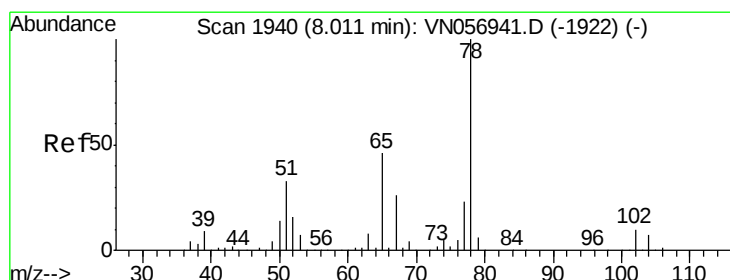


Abundance Ion 56.00 (55.70 to 56.70): VN056941.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN056941.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN056941.D (-1801) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.169 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057003.D

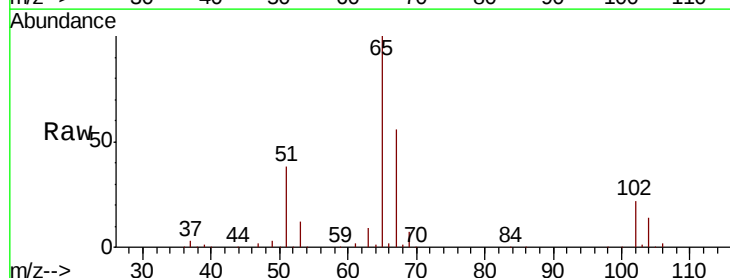
Acq: 31 Jul 2019 10:48

Tgt Ion: 65 Resp: 305946

Ion Ratio Lower Upper

65 100

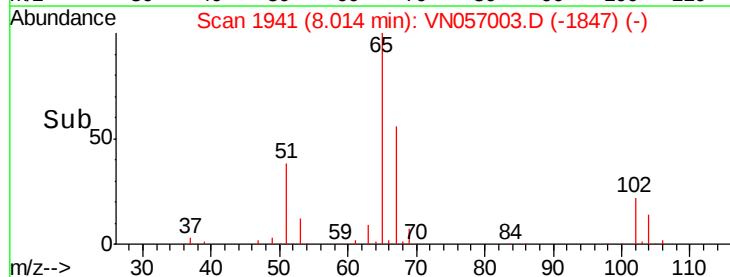
67 55.5 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN056941.D (-1922) (-)

Ion 66.90 (66.60 to 67.60): VN056941.D (-1922) (-)

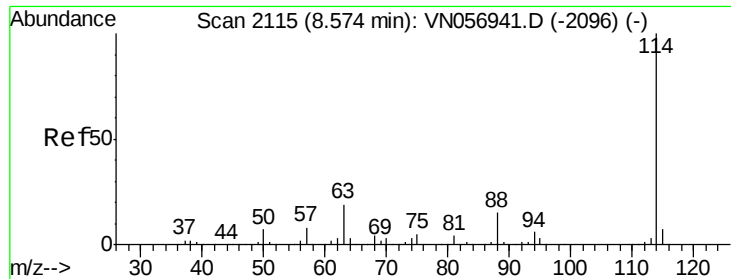
Time-->



Abundance Ion 64.90 (64.60 to 65.60): VN056941.D (-1922) (-)

Ion 66.90 (66.60 to 67.60): VN056941.D (-1922) (-)

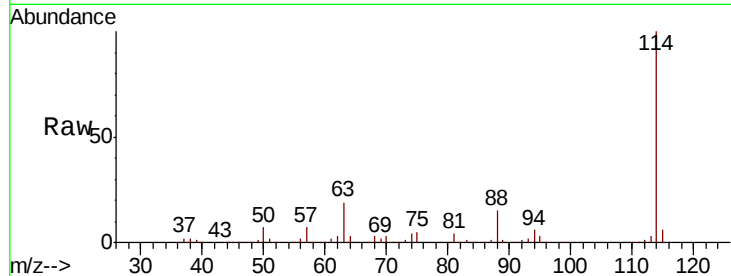
Time-->



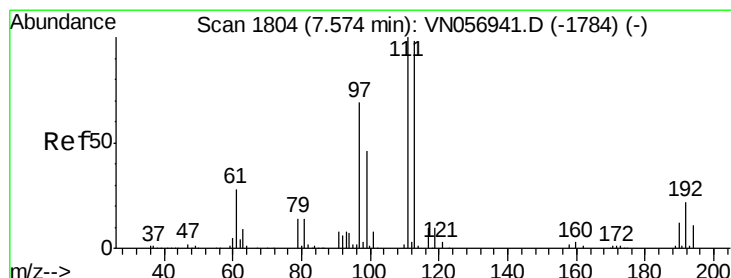
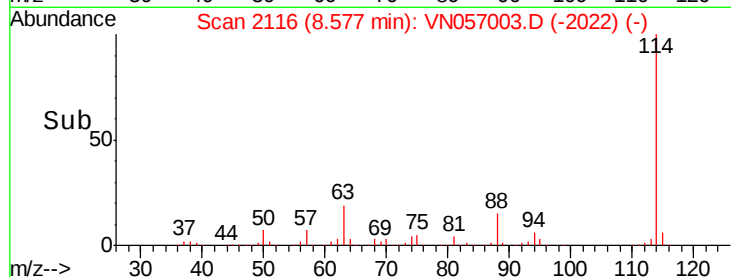
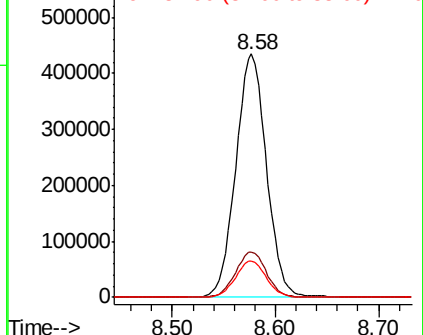
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument :
MSVOA_N
ClientSampleId :
PB121844TB

Tot Ion:114 Resp: 900141
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.0
88 15.0 0.0 30.0

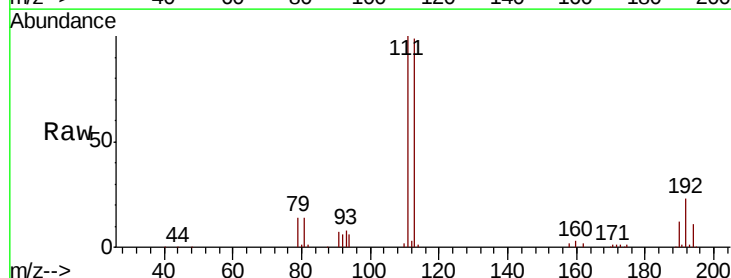


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

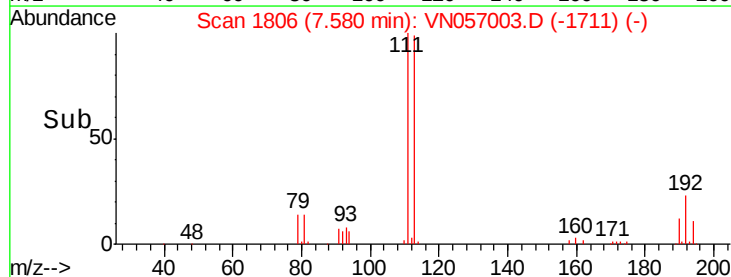
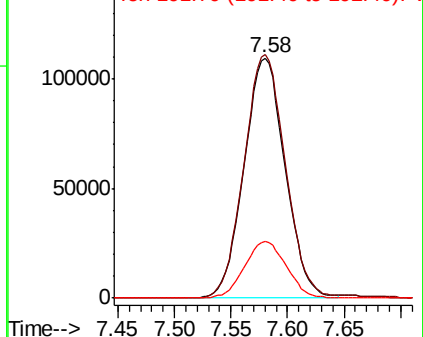


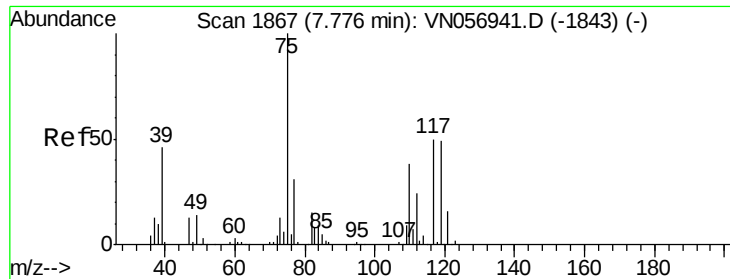
#35
Dibromofluoromethane
Concen: 48.017 ug/l
RT: 7.58 min Scan# 1806
Delta R.T. 0.01 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion:113 Resp: 276696
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 24.1 18.4 27.6



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

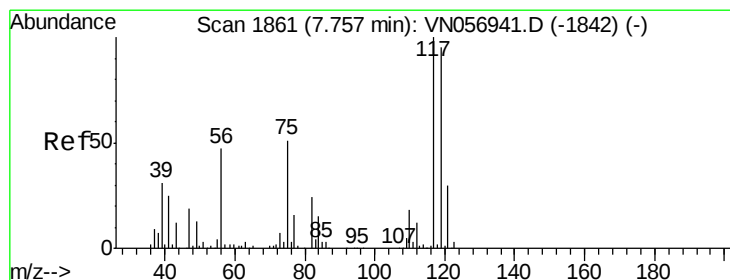
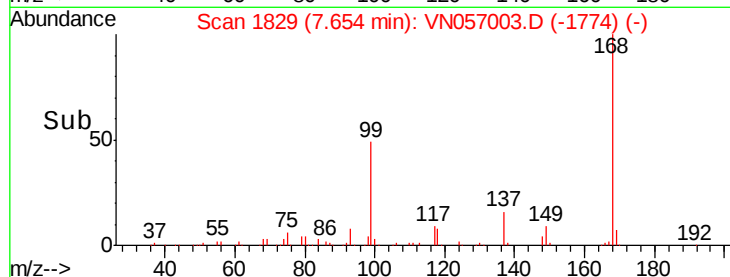
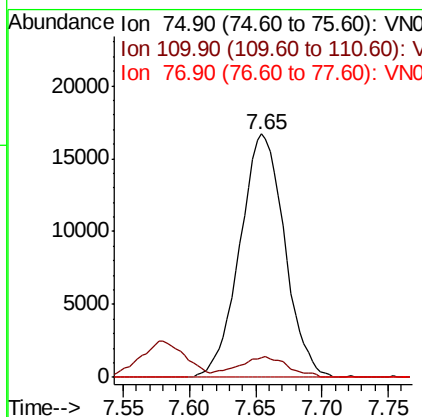
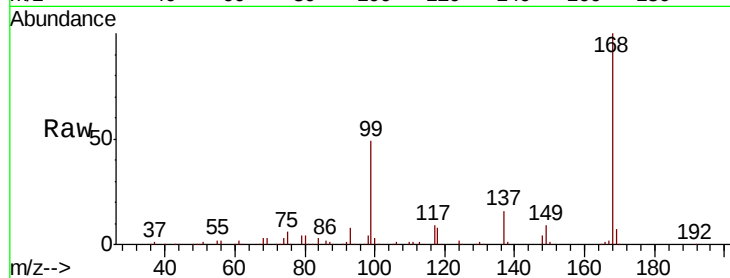




#36
 1,1-Dichloropropene
 Concen: 4.931 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.12 min
 Lab File: VN057003.D
 Acq: 31 Jul 2019 10:48

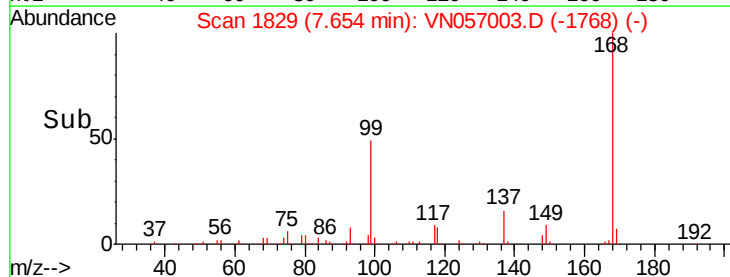
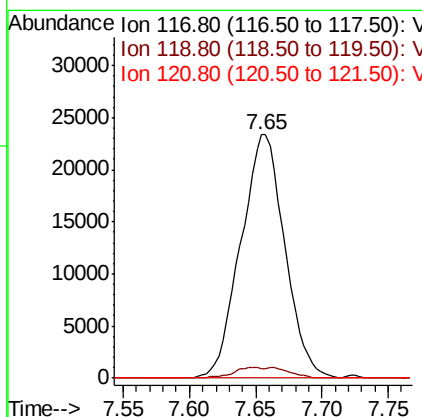
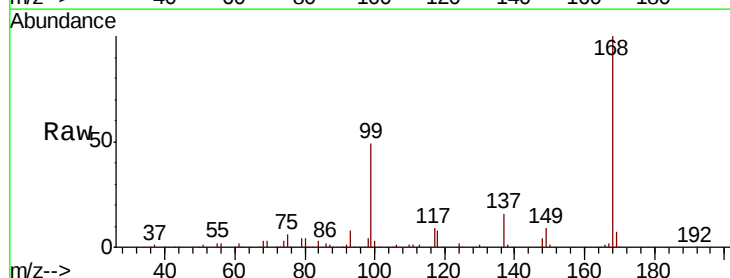
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844TB

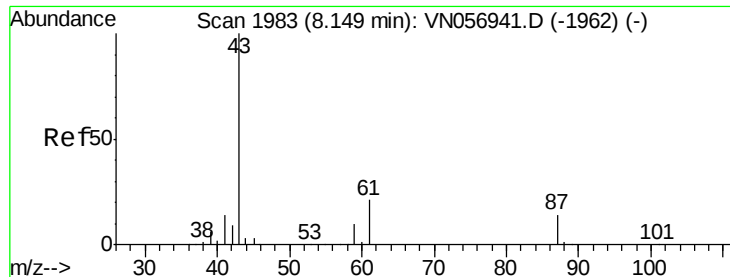
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.6	55.8#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 7.185 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.10 min
 Lab File: VN057003.D
 Acq: 31 Jul 2019 10:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	75.3	112.9#
121	0.0	24.2	36.4#





#43

Isopropyl Acetate

Concen: 2.139 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

Instrument :

MSVOA_N

ClientSampled :

PB121844TB

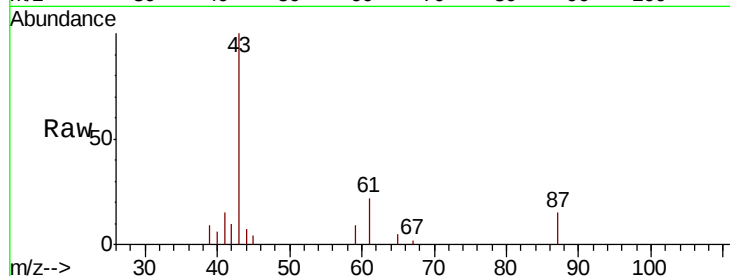
Tot Ion: 43 Resp: 22429

Ion Ratio Lower Upper

43 100

61 21.8 23.0 34.6#

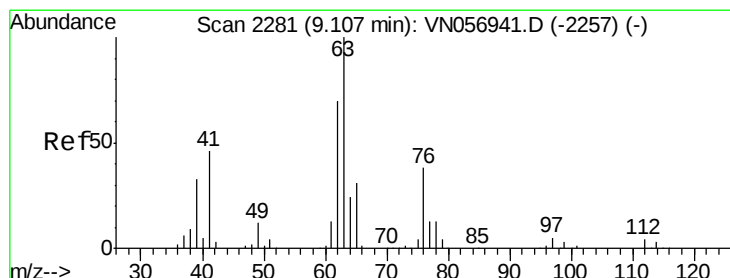
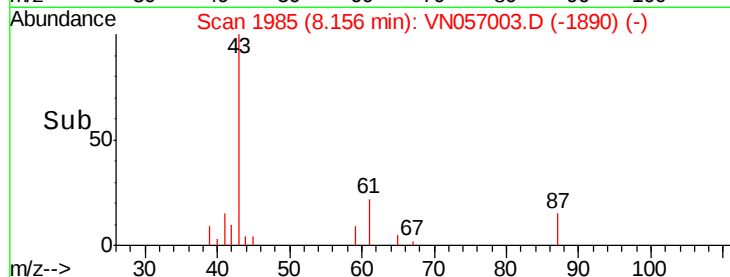
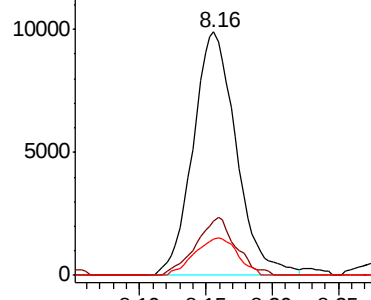
87 15.2 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN056941.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN056941.D (-1962) (-)



#45

1,2-Dichloropropane

Concen: 0.316 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN057003.D

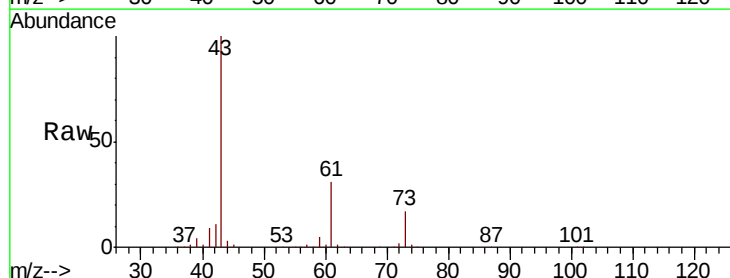
Acq: 31 Jul 2019 10:48

Tgt Ion: 63 Resp: 2062

Ion Ratio Lower Upper

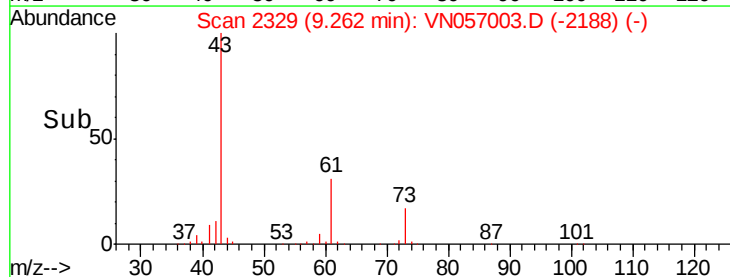
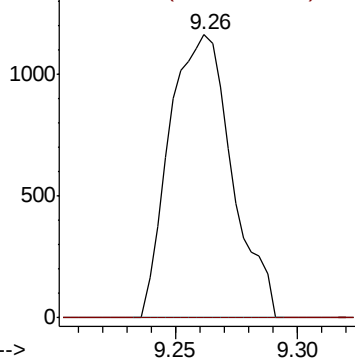
63 100

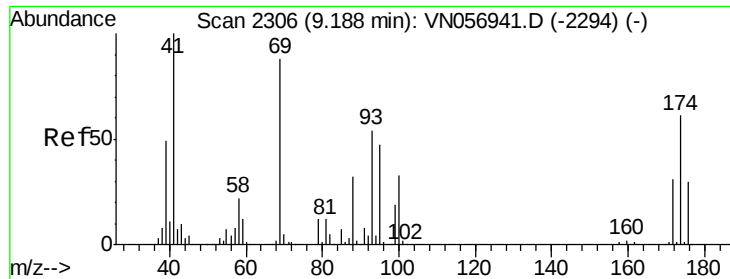
65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN056941.D (-2257) (-)

Ion 64.90 (64.60 to 65.60): VN056941.D (-2257) (-)

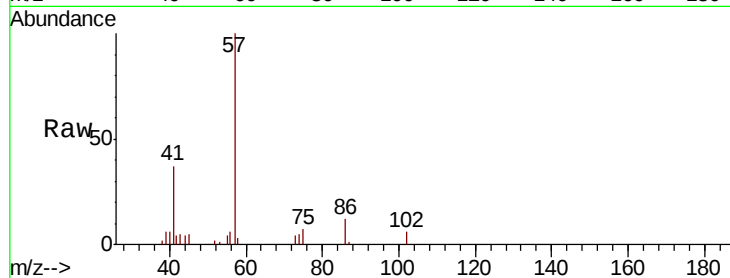




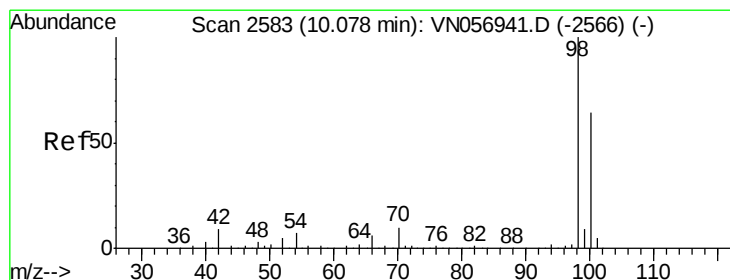
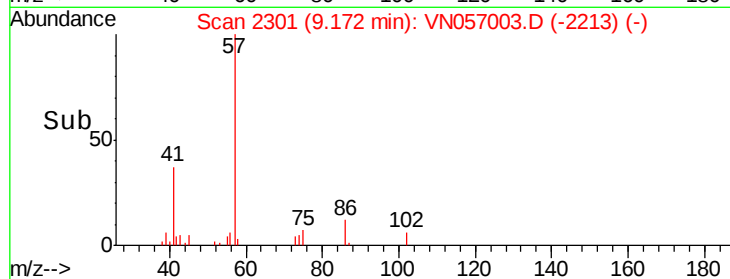
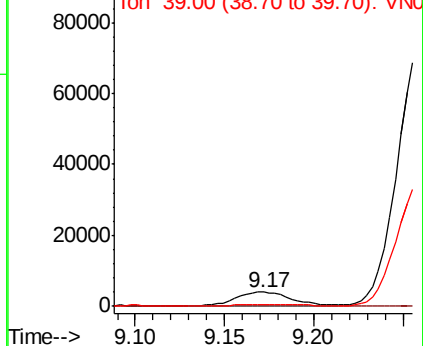
#48
Methvl methacrylate
Concen: 1.787 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument :
MSVOA_N
ClientSampleId :
PB121844TB

Tot Ion: 41 Resp: 9045
Ion Ratio Lower Upper
41 100
69 0.3 73.4 110.0#
39 0.0 39.9 59.9#

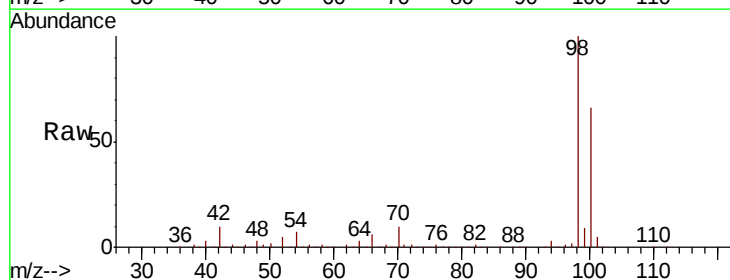


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

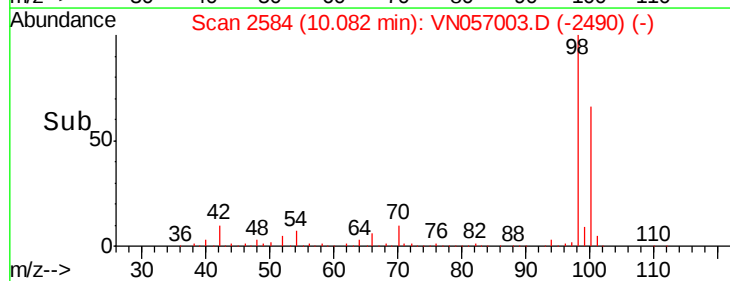
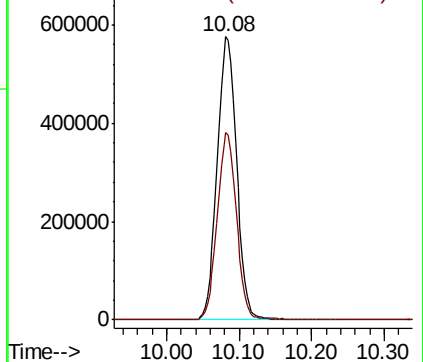


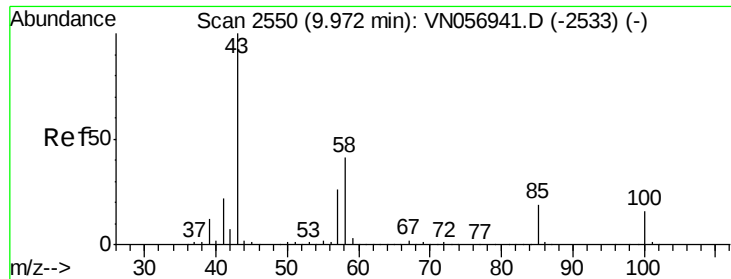
#50
Toluene-d8
Concen: 48.872 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion: 98 Resp: 1073945
Ion Ratio Lower Upper
98 100
100 65.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.855 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

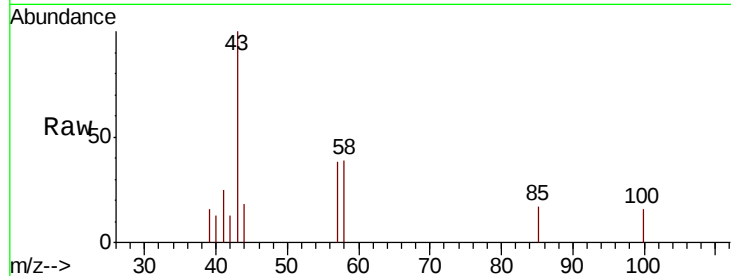
PB121844TB

Tot Ion: 43 Resp: 5325

Ion Ratio Lower Upper

43 100

58 41.4 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN056941.D (-2533) (-)

5000

4000

3000

2000

1000

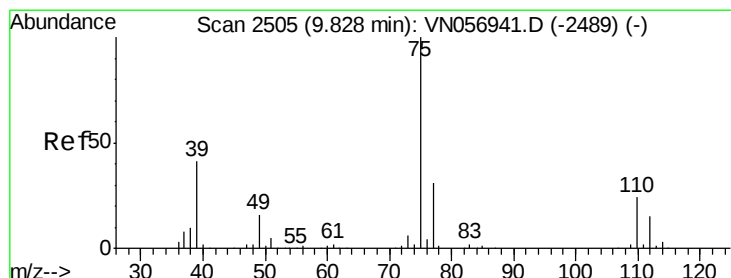
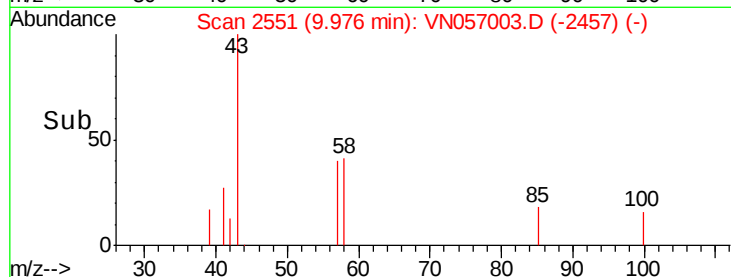
0

9.95

9.98

10.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 6.853 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.07 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

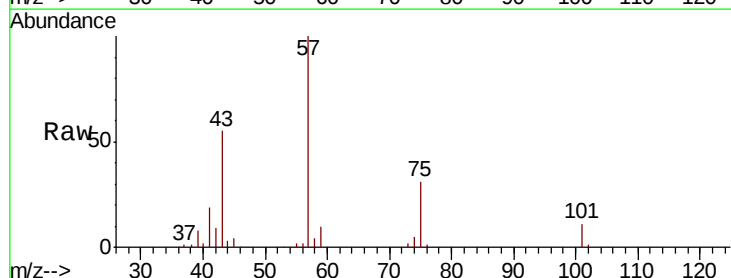
Tgt Ion: 75 Resp: 63975

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

39 27.3 32.6 49.0#



Abundance Ion 74.90 (74.60 to 75.60): VN056941.D (-2489) (-)

Ion 76.90 (76.60 to 77.60): VN056941.D (-2489) (-)

Ion 39.00 (38.70 to 39.70): VN056941.D (-2489) (-)

50000

40000

30000

20000

10000

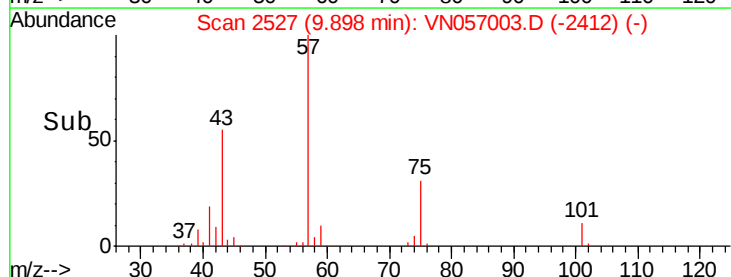
0

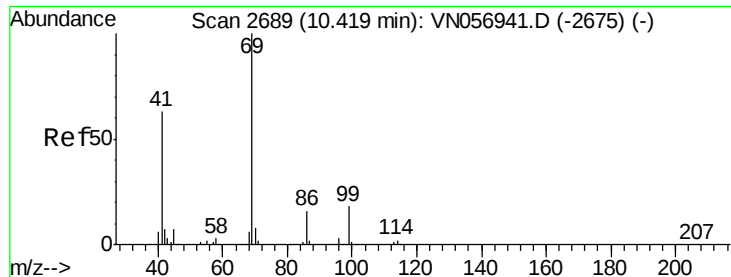
9.85

9.90

9.95

Time-->





#56

Ethyl methacrylate

Concen: 1.891 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

PB121844TB

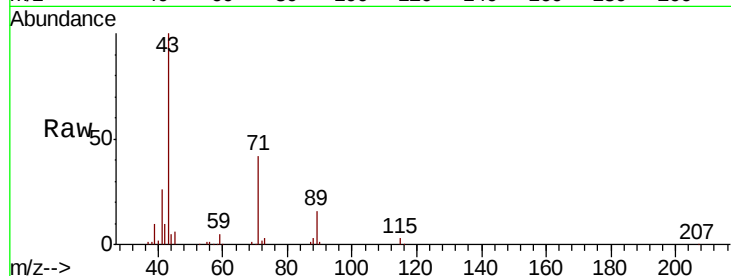
Tot Ion: 69 Resp: 1201

Ion Ratio Lower Upper

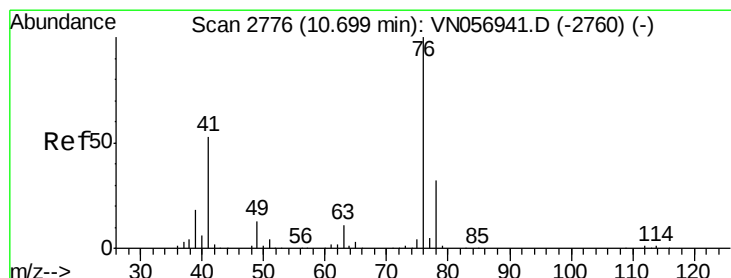
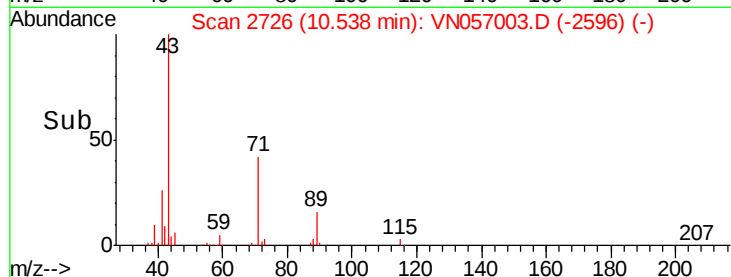
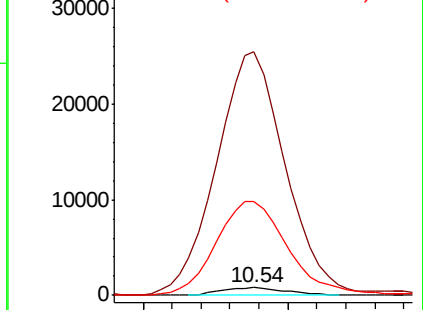
69 100

41 3532.6 49.2 73.8#

39 1406.4 23.1 34.7#



Abundance Ion 69.00 (68.70 to 69.70): VNO
Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO



#57

1,3-Dichloropropane

Concen: 1.367 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.06 min

Lab File: VN057003.D

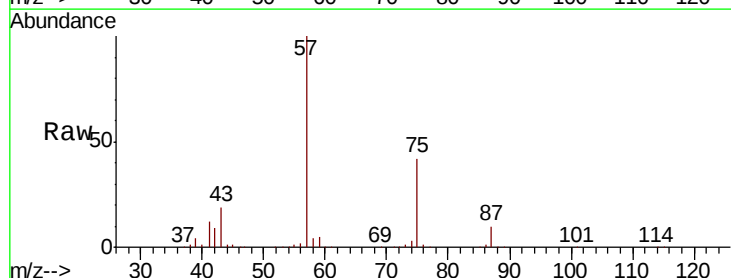
Acq: 31 Jul 2019 10:48

Tgt Ion: 76 Resp: 13323

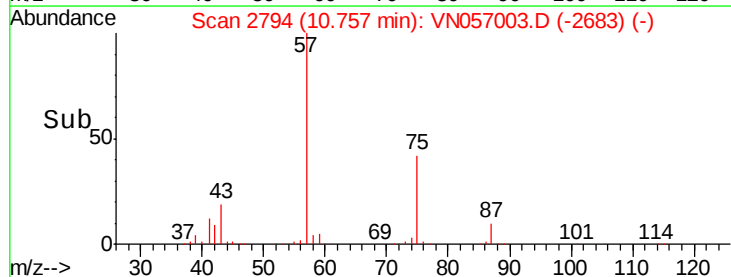
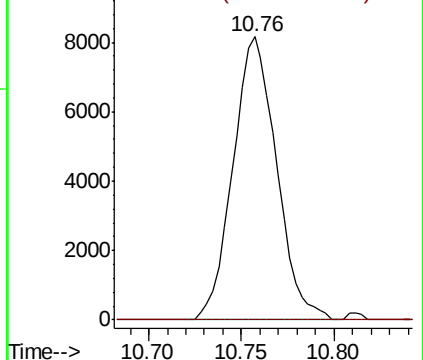
Ion Ratio Lower Upper

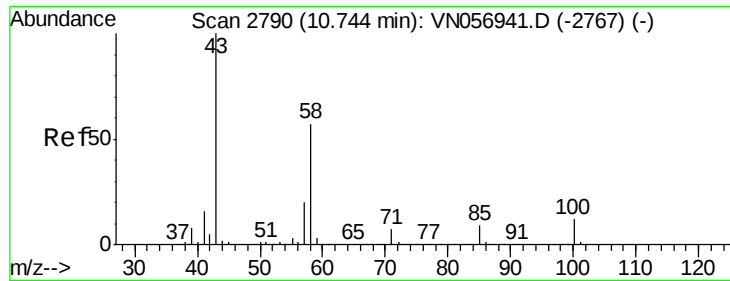
76 100

78 0.0 25.9 38.9#



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

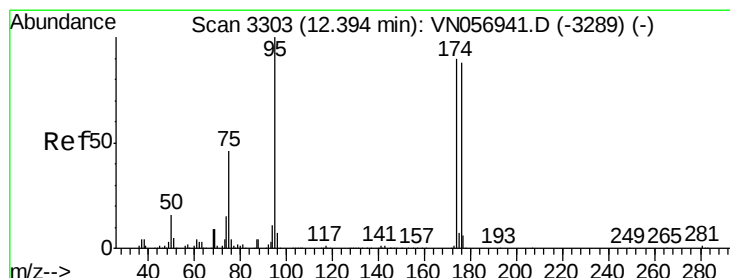
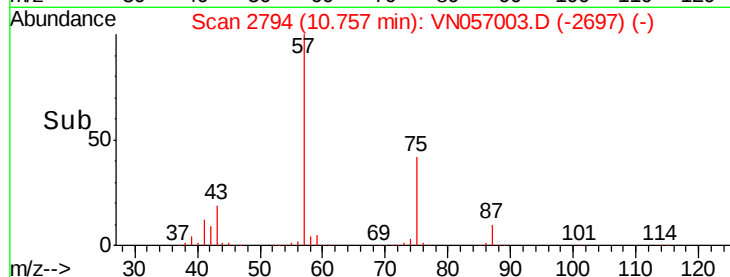
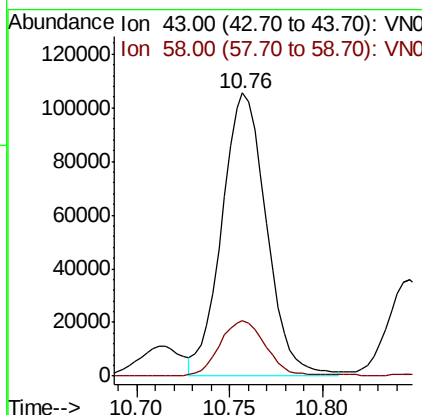
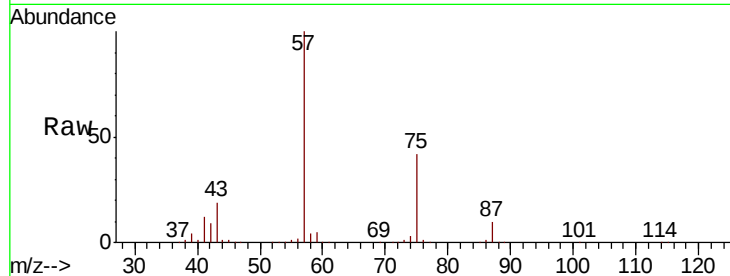




#59
2-Hexanone
Concen: 38.850 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

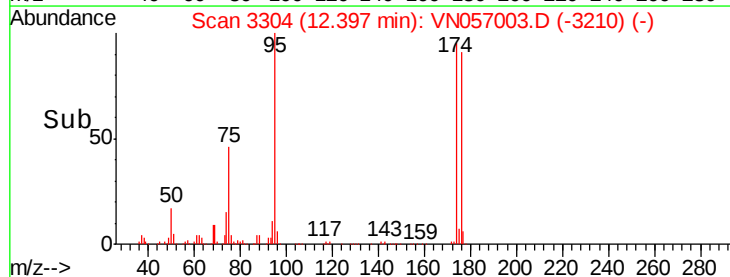
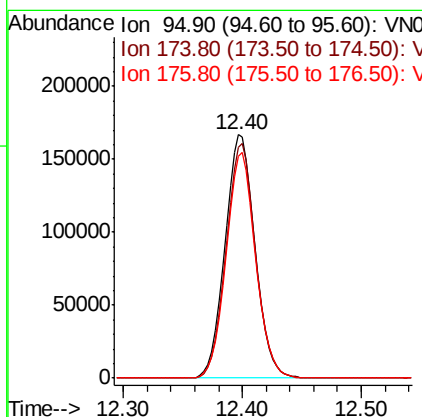
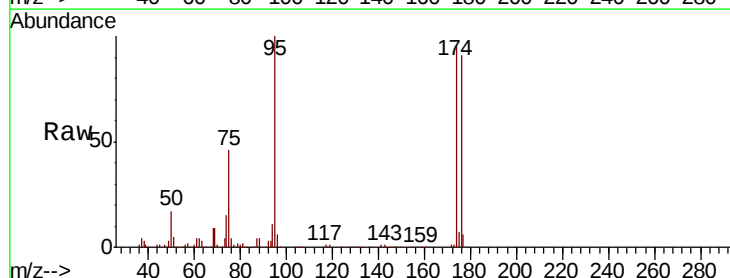
Instrument :
MSVOA_N
ClientSampled :
PB121844TB

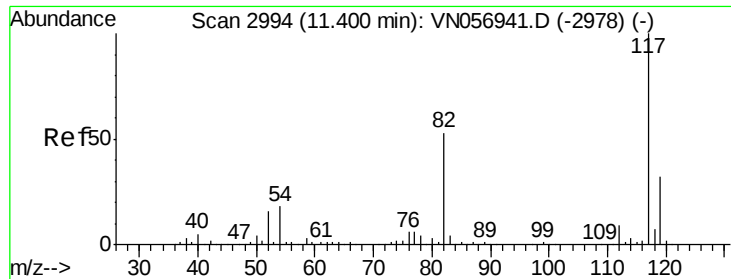
Tot Ion: 43 Resp: 176153
Ion Ratio Lower Upper
43 100
58 20.4 28.5 85.5#



#62
4-Bromofluorobenzene
Concen: 40.651 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion: 95 Resp: 290807
Ion Ratio Lower Upper
95 100
174 94.8 0.0 182.2
176 91.0 0.0 179.4

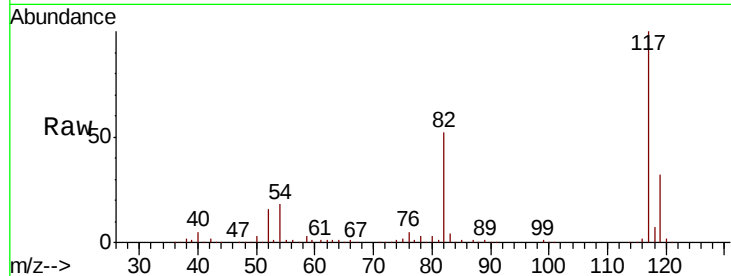




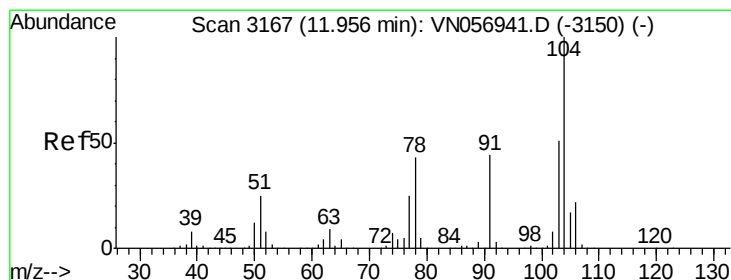
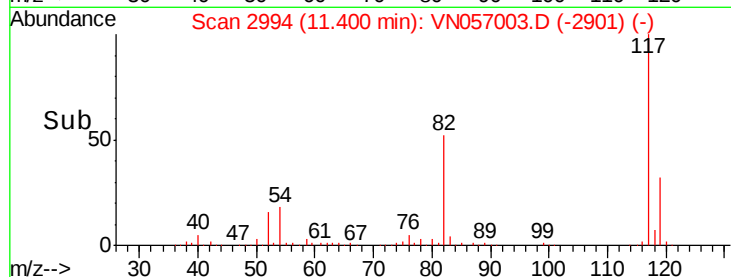
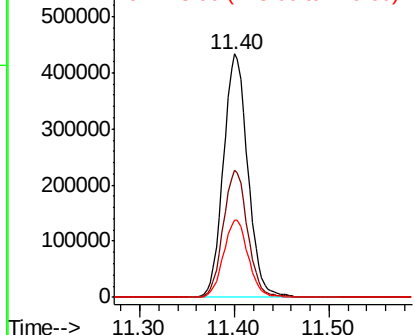
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument :
MSVOA_N
ClientSampleId :
PB121844TB

Tot Ion:117 Resp: 776473
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.4
119 31.9 25.8 38.6

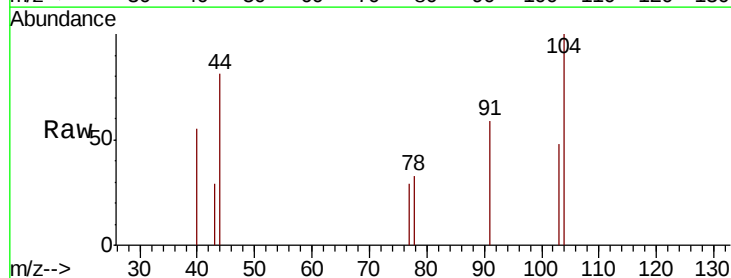


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

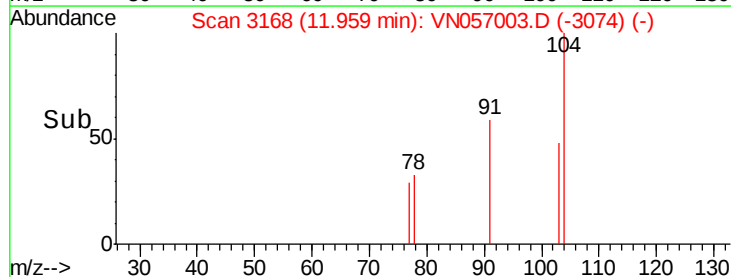
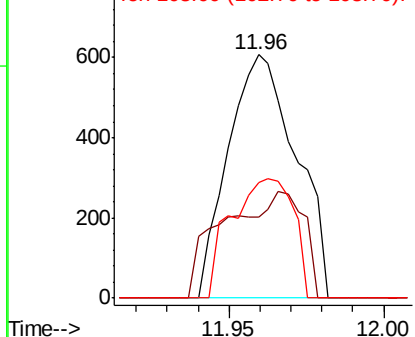


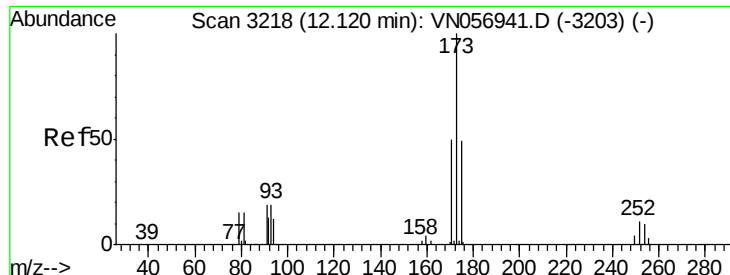
#70
Styrene
Concen: 1.918 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion:104 Resp: 928
Ion Ratio Lower Upper
104 100
78 51.7 38.1 57.1
103 45.4 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.594 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.28 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

PB121844TB

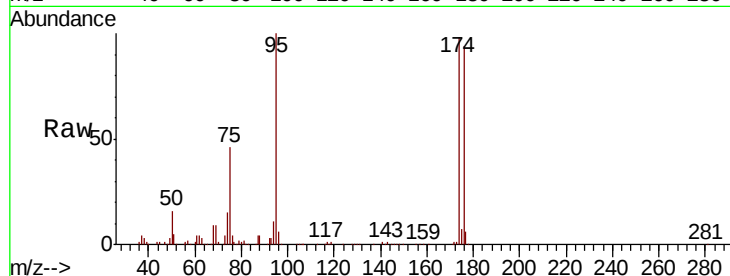
Tot Ion:173 Resp: 2471

Ion Ratio Lower Upper

173 100

175 611.3 24.1 72.4#

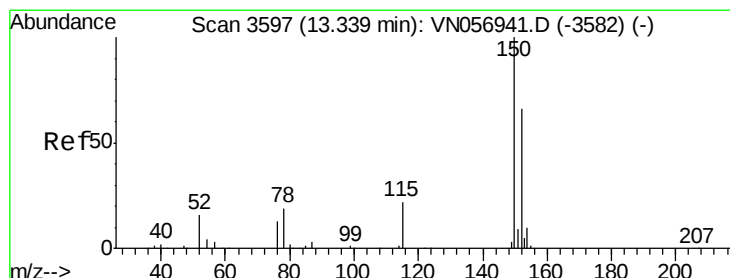
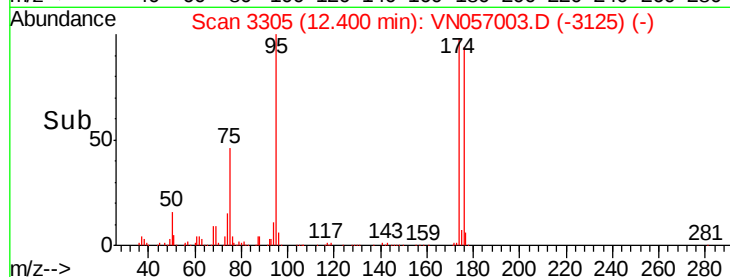
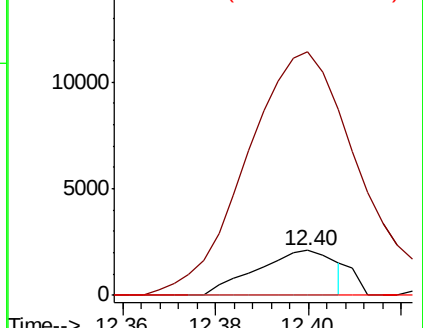
254 0.0 0.1 0.1#



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: VN057003.D

Acq: 31 Jul 2019 10:48

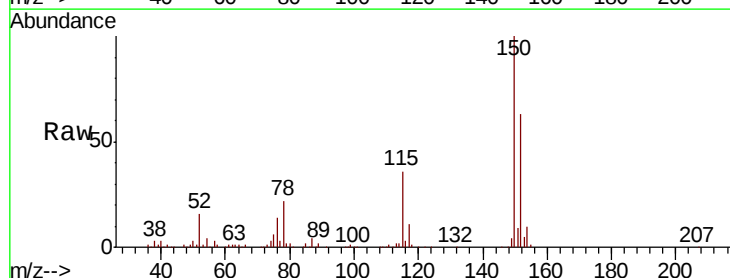
Tgt Ion:152 Resp: 215276

Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.6

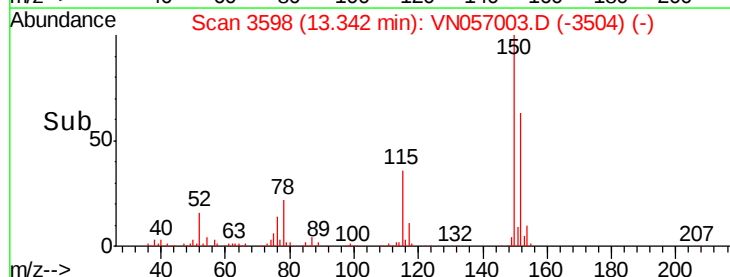
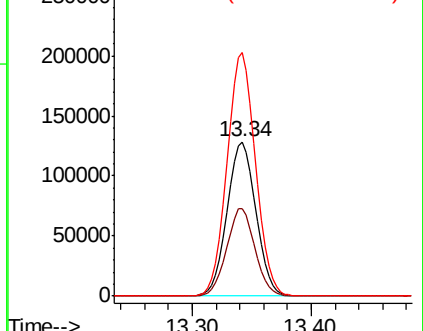
150 155.9 0.0 349.4

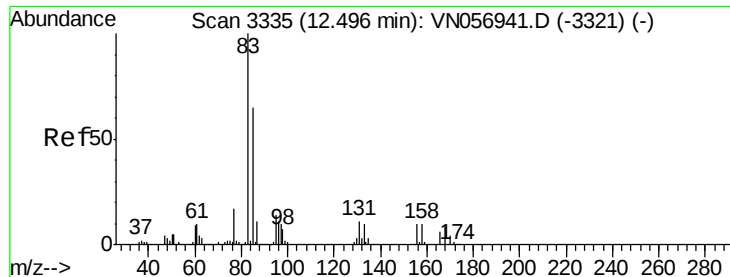


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.10 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

PB121844TB

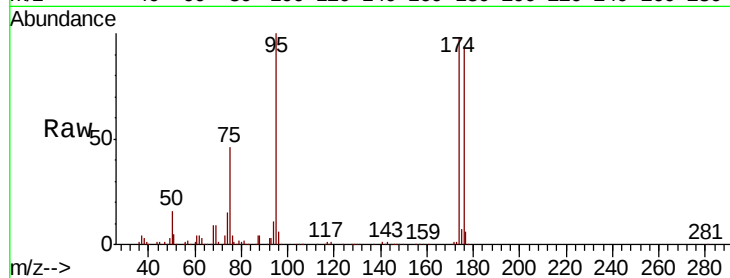
Tot Ion: 83 Resp: 65

Ion Ratio Lower Upper

83 100

131 533.8 5.3 16.1#

85 0.0 32.5 97.4#

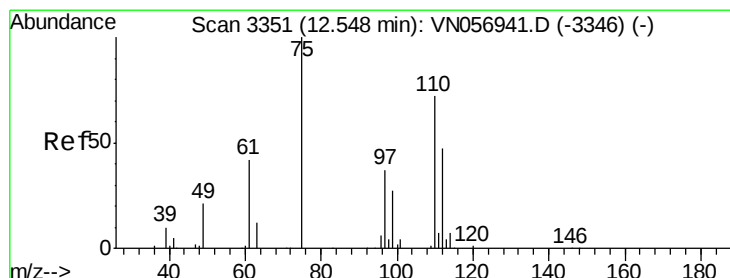
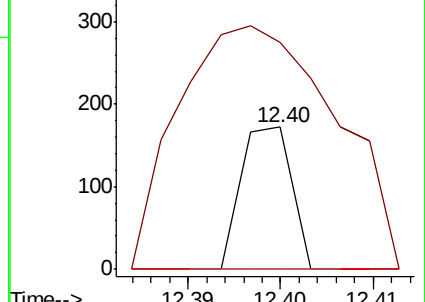
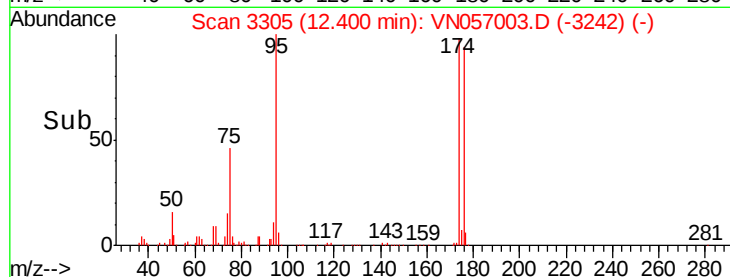


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO

Time-->



#76

1,2,3-Trichloropropane

Concen: 30.119 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN057003.D

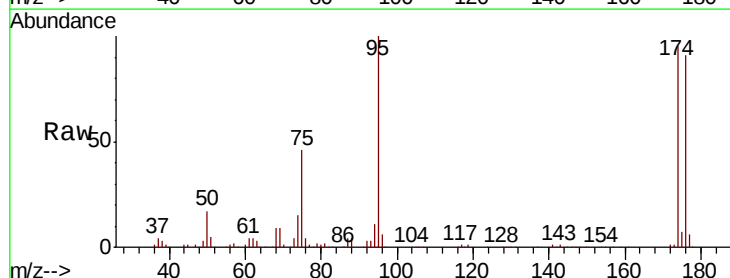
Acq: 31 Jul 2019 10:48

Tgt Ion: 75 Resp: 131677

Ion Ratio Lower Upper

75 100

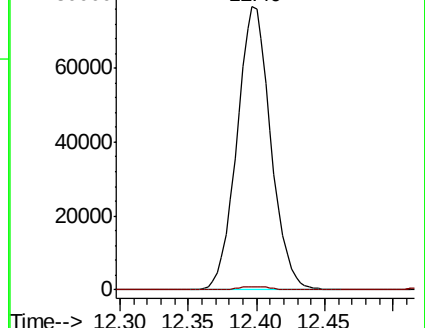
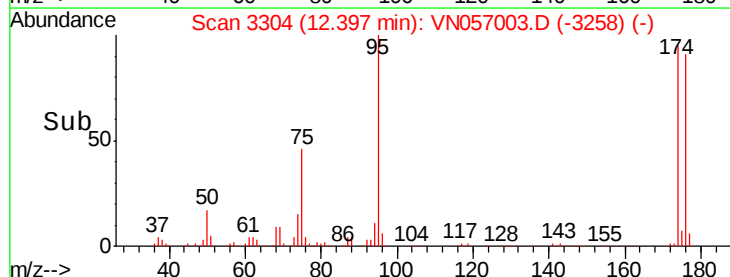
77 1.2 0.0 0.0#

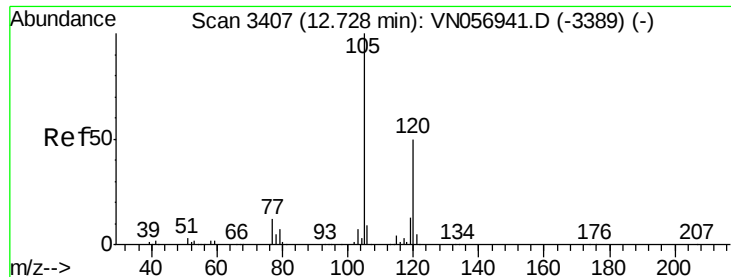


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 0.729 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

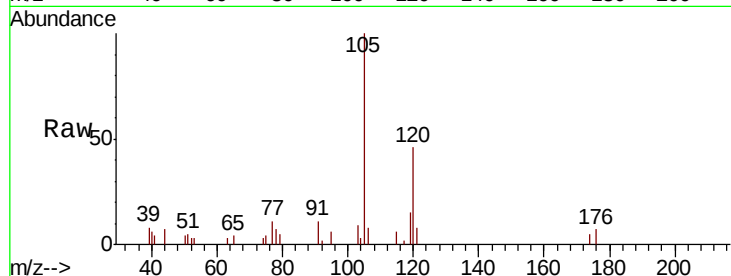
PB121844TB

Tot Ion:105 Resp: 11138

Ion Ratio Lower Upper

105 100

120 47.7 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

8000

6000

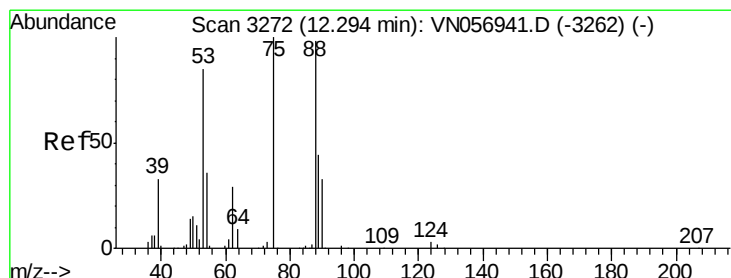
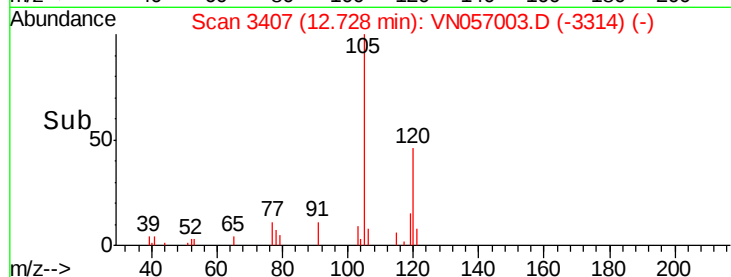
4000

2000

0

12.70 12.75

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 96.771 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

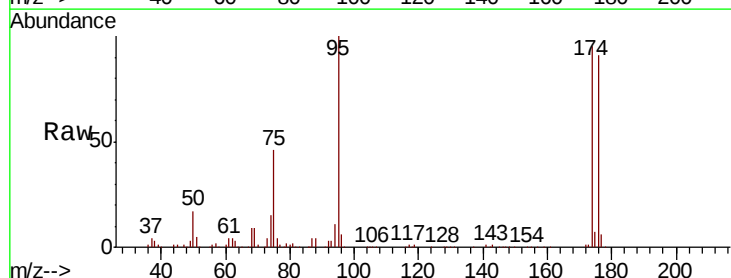
Tgt Ion: 75 Resp: 131677

Ion Ratio Lower Upper

75 100

53 0.0 69.3 103.9#

89 0.0 35.8 53.6#



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

100000

80000

60000

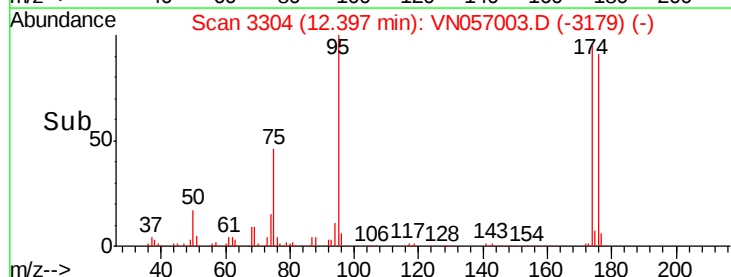
40000

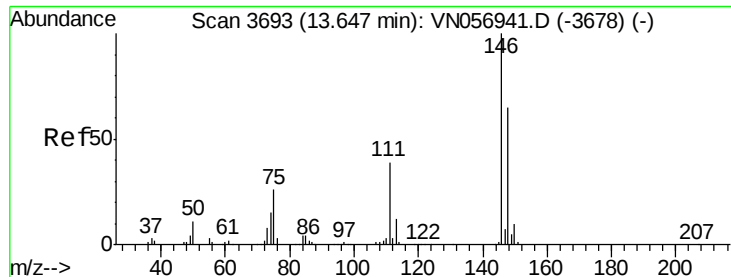
20000

0

12.30 12.35 12.40 12.45

Time-->

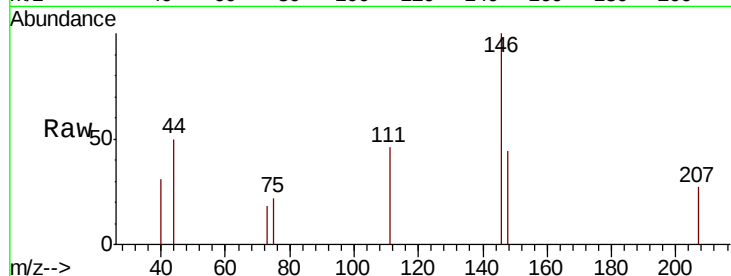




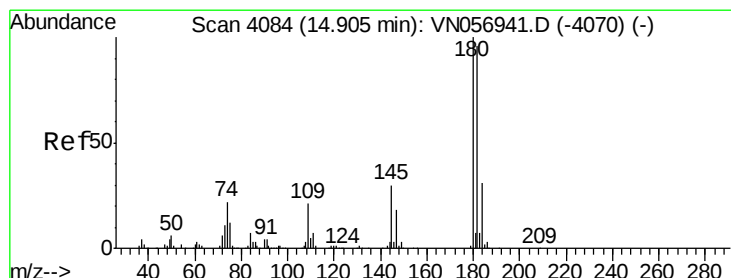
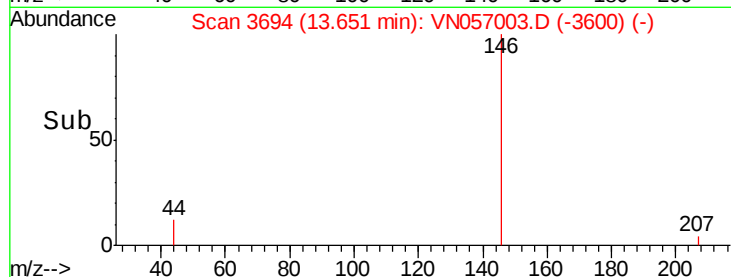
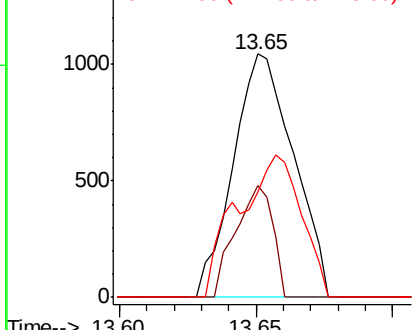
#91
 1,2-Dichlorobenzene
 Concen: 0.220 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN057003.D
 Acq: 31 Jul 2019 10:48

Instrument :
 MSVOA_N
 ClientSampled :
 PB121844TB

Tot Ion:146 Resp: 1601
 Ion Ratio Lower Upper
 146 100
 111 28.2 19.4 58.4
 148 61.9 32.2 96.6

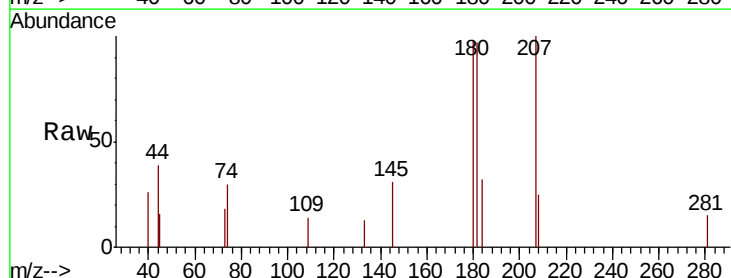


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

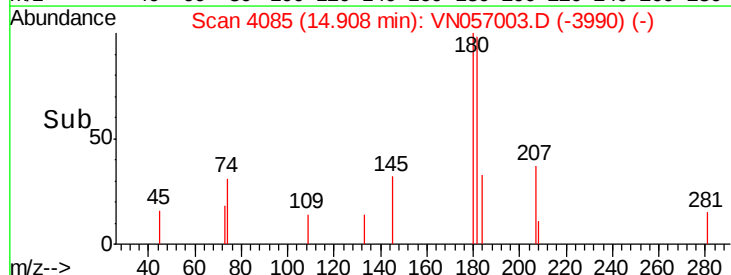
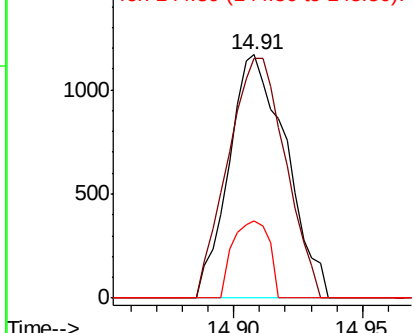


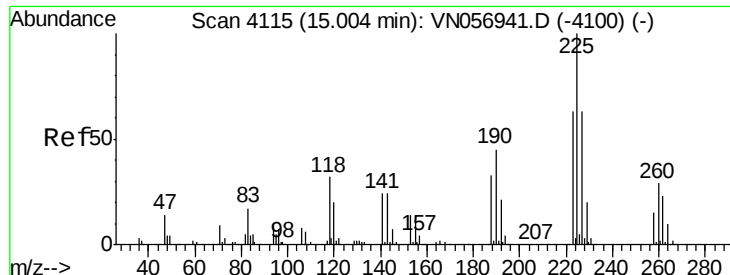
#93
 1,2,4-Trichlorobenzene
 Concen: 3.168 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN057003.D
 Acq: 31 Jul 2019 10:48

Tgt Ion:180 Resp: 1811
 Ion Ratio Lower Upper
 180 100
 182 99.0 47.6 142.8
 145 20.1 14.2 42.8



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# 4116

Delta R.T. 0.00 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

Instrument :

MSVOA_N

ClientSampleId :

PB121844TB

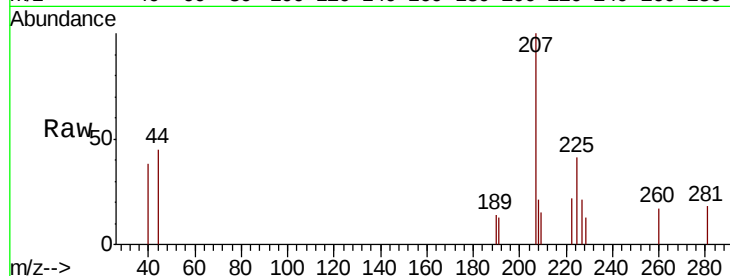
Tot Ion:225 Resp: 593

Ion Ratio Lower Upper

225 100

223 57.7 30.8 92.4

227 28.5 31.1 93.5#



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

15.01

400

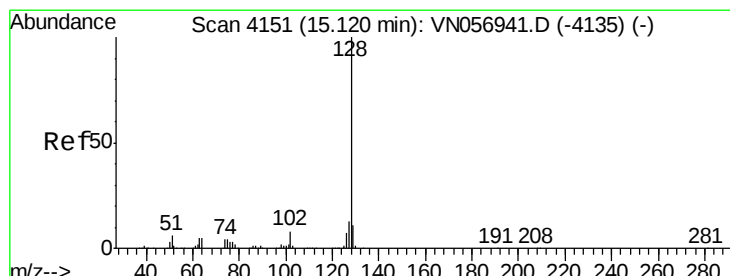
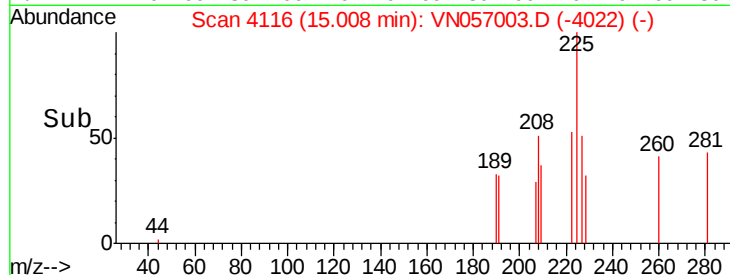
300

200

100

0

Time-->



#95

Naphthalene

Concen: 4.122 ug/l

RT: 15.12 min Scan# 4151

Delta R.T. 0.00 min

Lab File: VN057003.D

Acq: 31 Jul 2019 10:48

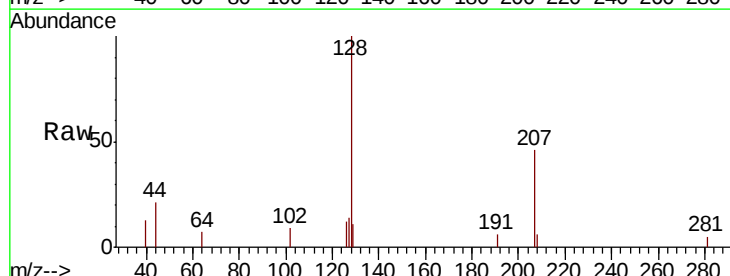
Tgt Ion:128 Resp: 5266

Ion Ratio Lower Upper

128 100

127 11.4 10.0 15.0

129 9.8 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

15.12

4000

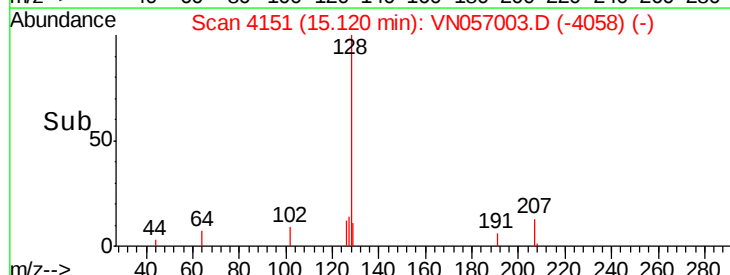
3000

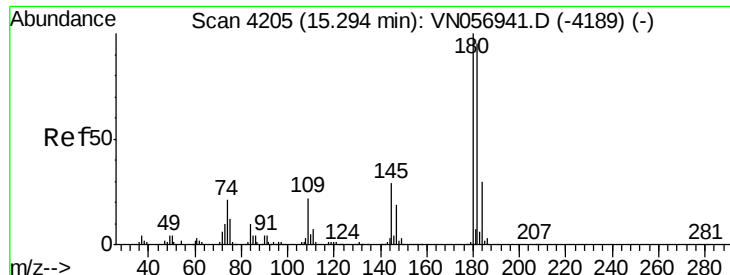
2000

1000

0

Time-->





#96
 1,2,3-Trichlorobenzene
 Concen: 2.660 ug/l
 RT: 15.29 min Scan# 4205
 Delta R.T. 0.00 min
 Lab File: VN057003.D
 Acq: 31 Jul 2019 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.8	48.0	144.2
145	21.7	15.0	45.0

