

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
 Data File : VN057374.D
 Acq On : 16 Aug 2019 23:38
 Operator : JC/SP
 Sample : K4356-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Aug 17 03:48:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

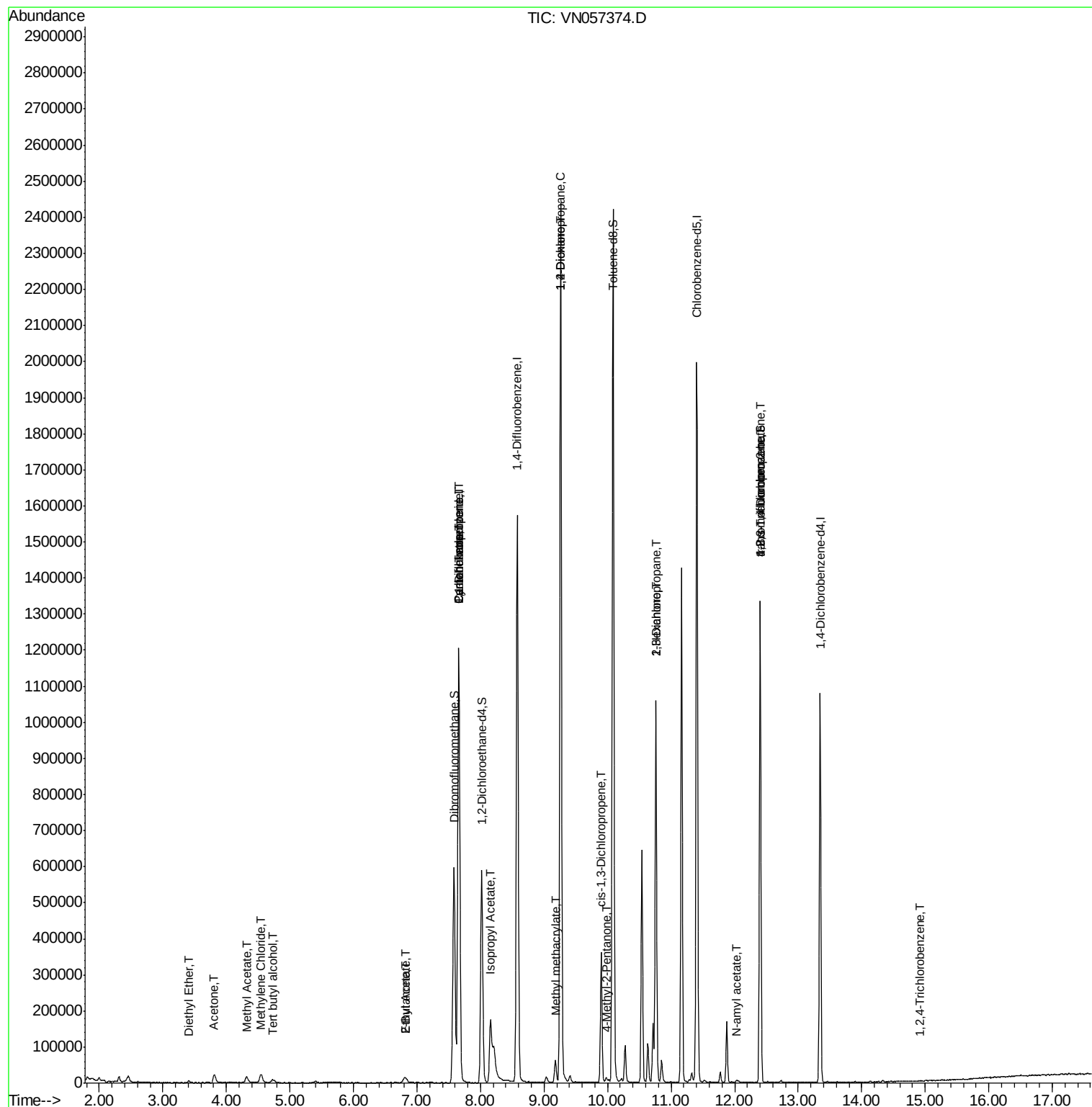
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1095208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1537581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1271557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	512669	43.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.12%	
35) Dibromofluoromethane	7.58	113	459743	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
50) Toluene-d8	10.09	98	1793856	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.40	95	452760	34.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.50%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.40	74	2761	0.447	ug/l	76
11) Tert butyl alcohol	4.73	59	8720	5.152	ug/l #	73
16) Acetone	3.81	43	39482	9.559	ug/l	99
18) Methyl Acetate	4.32	43	31277	0.436	ug/l	96
20) Methylene Chloride	4.54	84	19327	1.672	ug/l	95
25) 2-Butanone	6.83	43	14156	2.367	ug/l #	87
31) Cyclohexane	7.65	56	14582	0.899	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	66664	4.910	ug/l #	47
37) Ethyl Acetate	6.83	43	14156	1.273	ug/l #	67
38) Carbon Tetrachloride	7.66	117	92555	6.562	ug/l #	16
43) Isopropyl Acetate	8.16	43	207359	9.279	ug/l #	82
45) 1,2-Dichloropropane	9.26	63	3162	0.295	ug/l #	44
48) Methyl methacrylate	9.17	41	7977	0.871	ug/l #	11
49) 1,4-Dioxane	9.26	88	376	1.953	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	8500	0.741	ug/l	89
54) cis-1,3-Dichloropropene	9.90	75	75074	4.449	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	11922	0.702	ug/l #	43
59) 2-Hexanone	10.76	43	145865	17.687	ug/l #	51
73) Isopropylbenzene	12.25	105	235	Below Cal	#	49
74) N-amyl acetate	12.03	43	3977	0.432	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.40	83	99	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	210882	33.113	ug/l #	100
77) Bromobenzene	12.42	156	32	Below Cal	#	1
79) 2-Chlorotoluene	12.67	91	345	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.74	105	2146	Below Cal		97
81) trans-1,4-Dichloro-2-buten	12.40	75	210882	81.018	ug/l #	15
83) tert-Butylbenzene	12.99	119	107	Below Cal	#	28
85) sec-Butylbenzene	13.17	105	255	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	252	5.410	ug/l #	24
95) Naphthalene	15.13	128	548	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.30	180	117	Below Cal	#	37

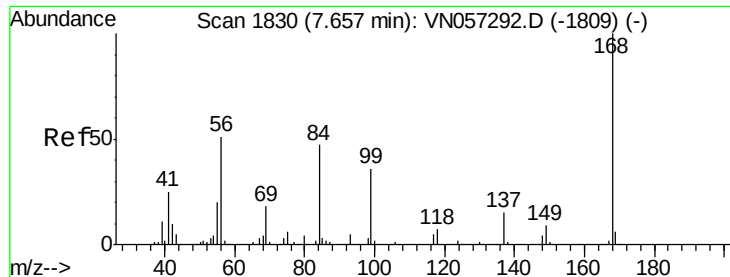
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057374.D

Acq: 16 Aug 2019 23:38

Instrument :

MSVOA_N

ClientSampled :

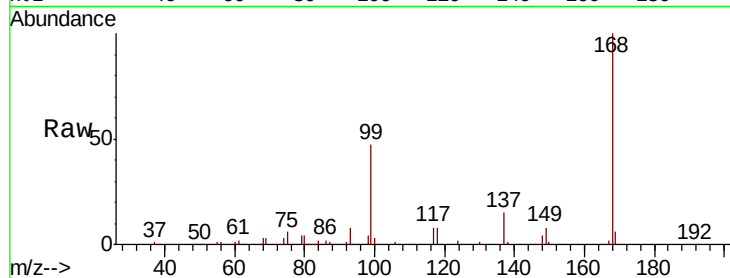
TP-5

Tgt Ion:168 Resp: 1095208

Ion Ratio Lower Upper

168 100

99 47.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN057374.D (-1737) (-)

Ion 98.90 (98.60 to 99.60): VN057374.D (-1737) (-)

7.66

500000

400000

300000

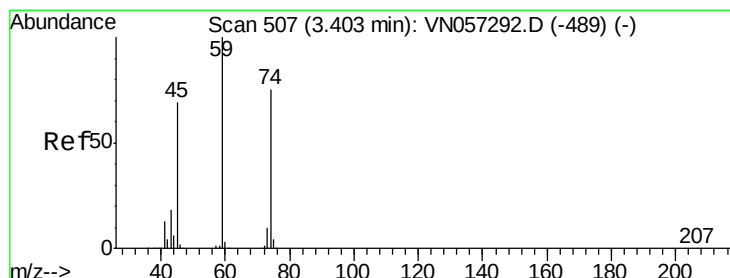
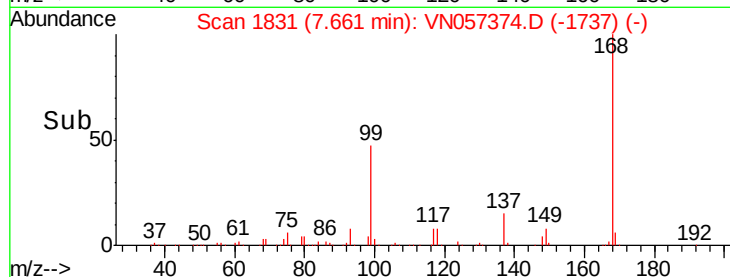
200000

100000

0

7.60 7.70

Time-->



#8

Diethyl Ether

Concen: 0.447 ug/l

RT: 3.40 min Scan# 507

Delta R.T. 0.00 min

Lab File: VN057374.D

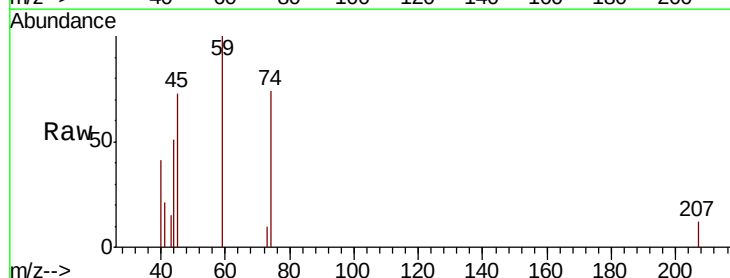
Acq: 16 Aug 2019 23:38

Tgt Ion: 74 Resp: 2761

Ion Ratio Lower Upper

74 100

45 115.0 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VN057374.D (-414) (-)

Ion 45.00 (44.70 to 45.70): VN057374.D (-414) (-)

3.40

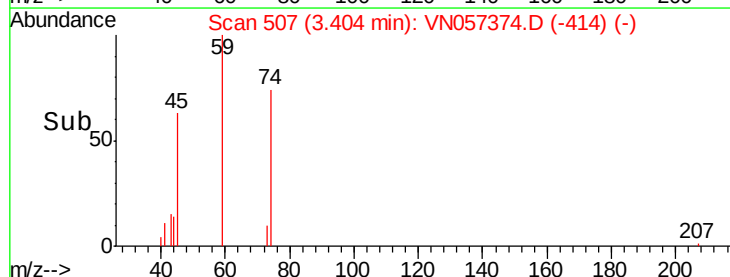
1000

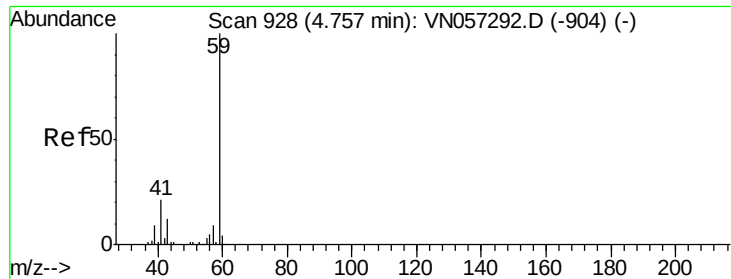
500

0

3.35 3.40 3.45

Time-->

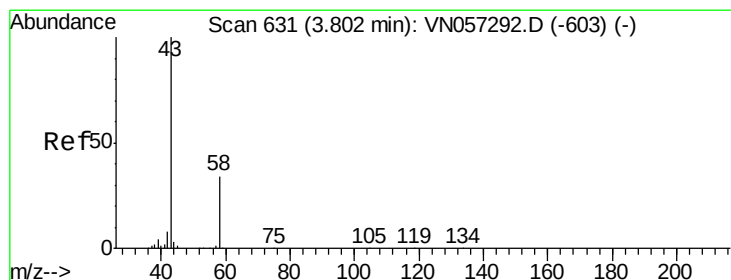
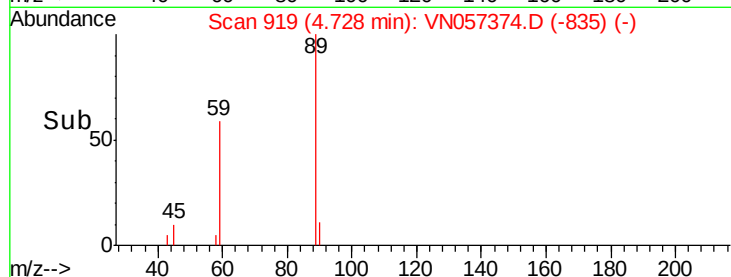
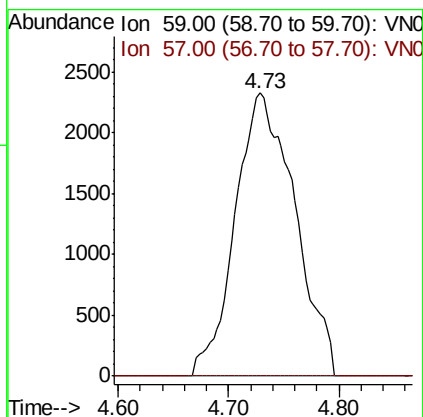
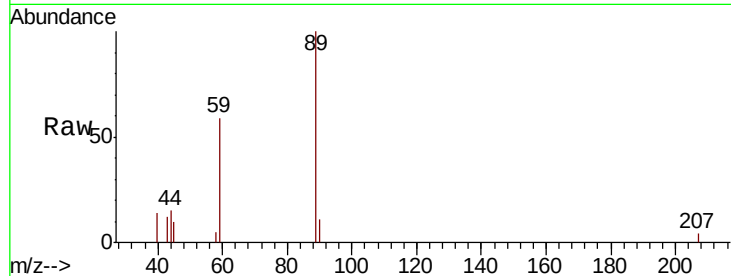




#11
Tert butyl alcohol
Concen: 5.152 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.03 min
Lab File: VN057374.D
Acq: 16 Aug 2019 23:38

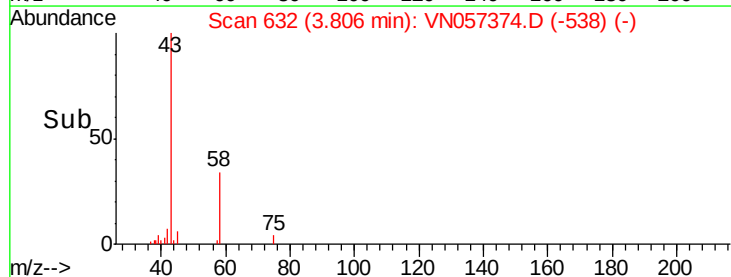
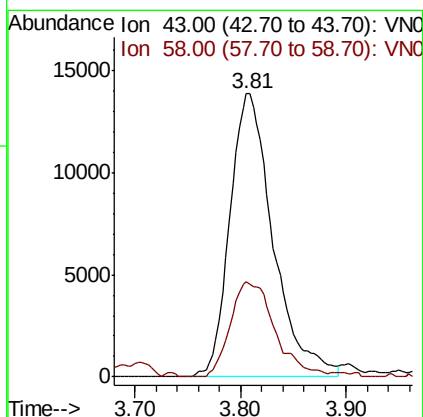
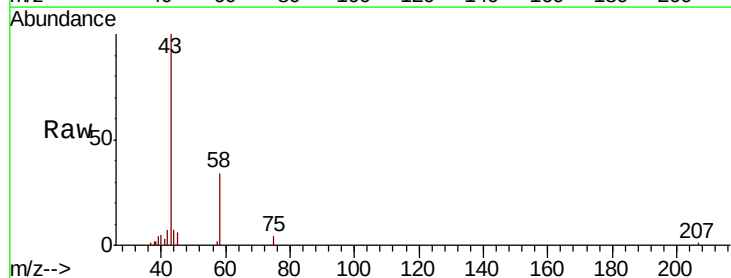
Instrument :
MSVOA_N
ClientSampled :
TP-5

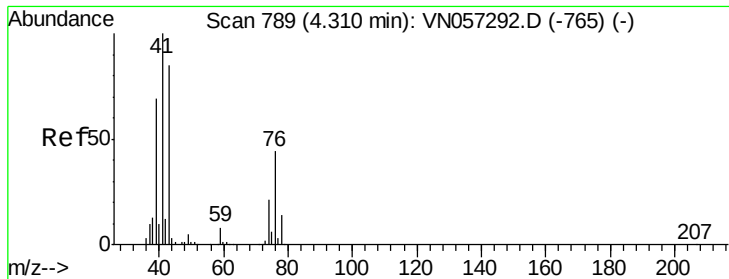
Tgt Ion: 59 Resp: 8720
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 9.559 ug/l
RT: 3.81 min Scan# 632
Delta R.T. 0.00 min
Lab File: VN057374.D
Acq: 16 Aug 2019 23:38

Tgt Ion: 43 Resp: 39482
Ion Ratio Lower Upper
43 100
58 33.5 27.0 40.6

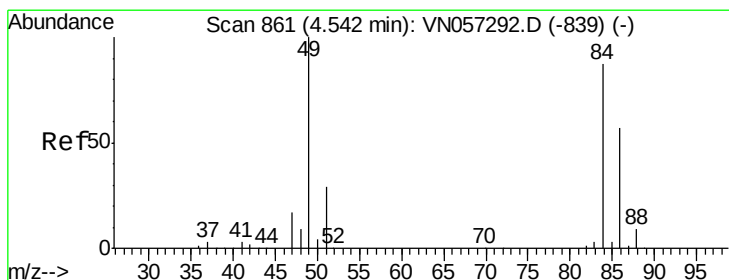
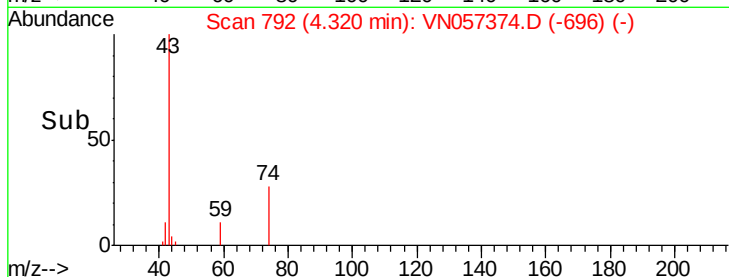
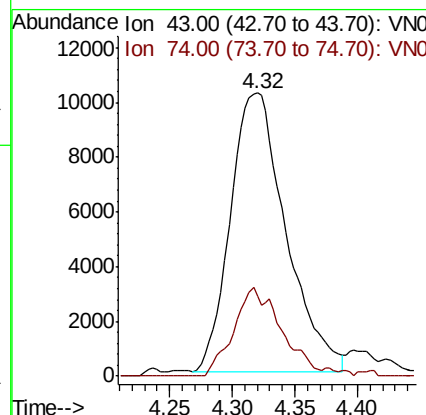
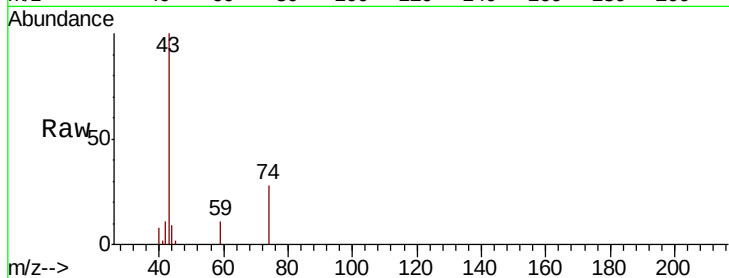




#18
Methyl Acetate
Concen: 0.436 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN057374.D
Acq: 16 Aug 2019 23:38

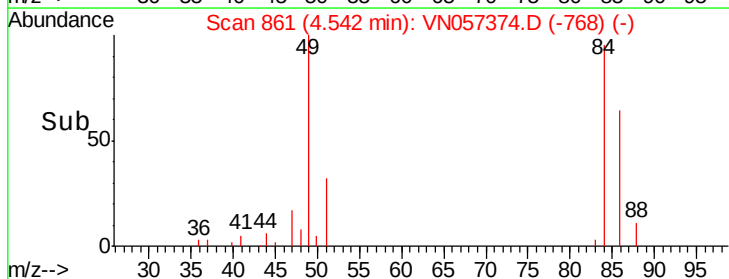
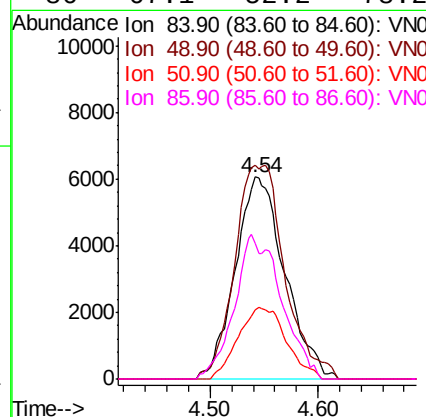
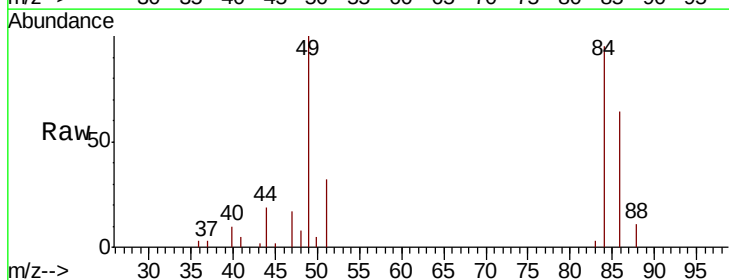
Instrument :
MSVOA_N
ClientSampleId :
TP-5

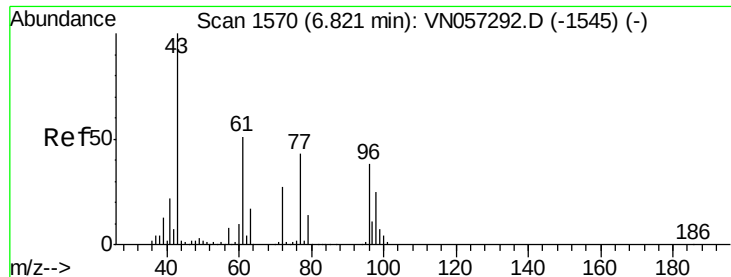
Tgt Ion: 43 Resp: 31277
Ion Ratio Lower Upper
43 100
74 27.4 20.2 30.2



#20
Methylene Chloride
Concen: 1.672 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN057374.D
Acq: 16 Aug 2019 23:38

Tgt Ion: 84 Resp: 19327
Ion Ratio Lower Upper
84 100
49 105.6 92.0 138.0
51 34.3 27.1 40.7
86 67.1 52.2 78.2





#25

2-Butanone

Concen: 2.367 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN057374.D

Acq: 16 Aug 2019 23:38

Instrument :

MSVOA_N

ClientSampleId :

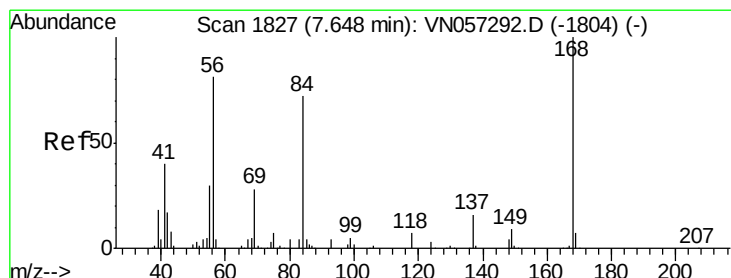
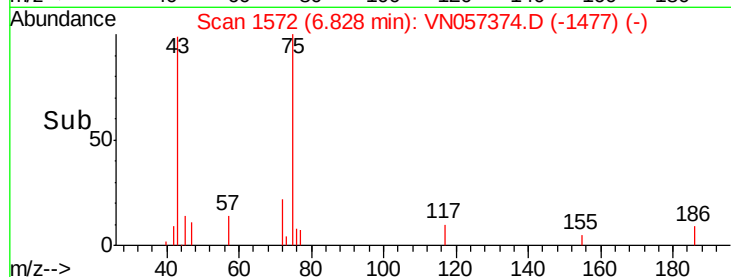
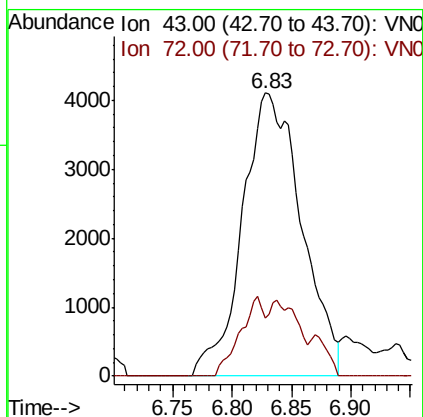
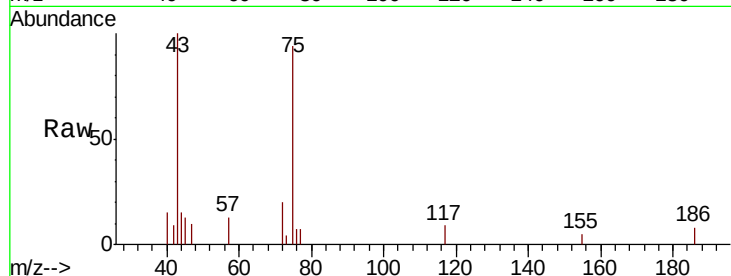
TP-5

Tgt Ion: 43 Resp: 14156

Ion Ratio Lower Upper

43 100

72 20.3 21.5 32.3#



#31

Cyclohexane

Concen: 0.899 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN057374.D

Acq: 16 Aug 2019 23:38

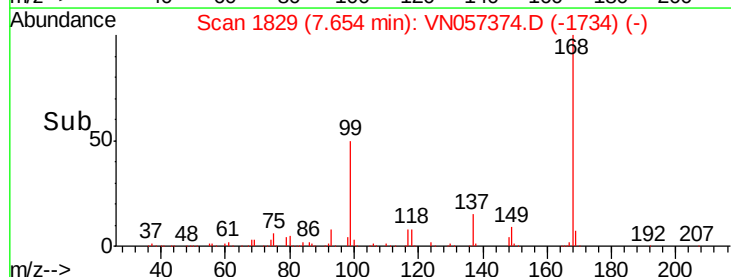
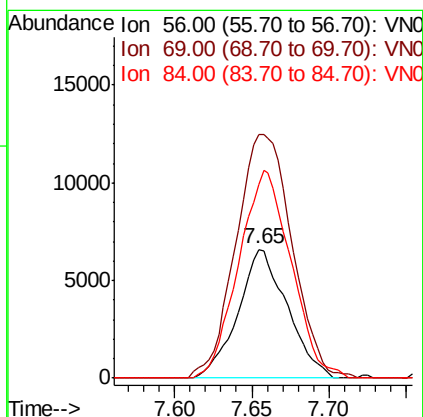
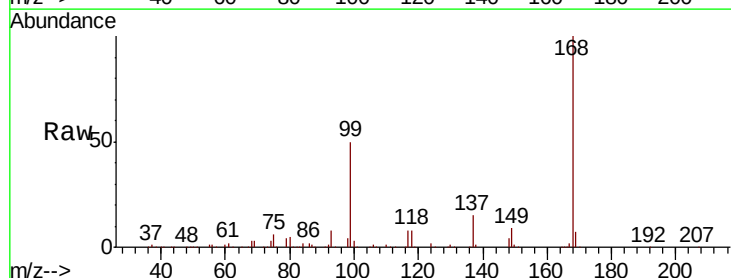
Tgt Ion: 56 Resp: 14582

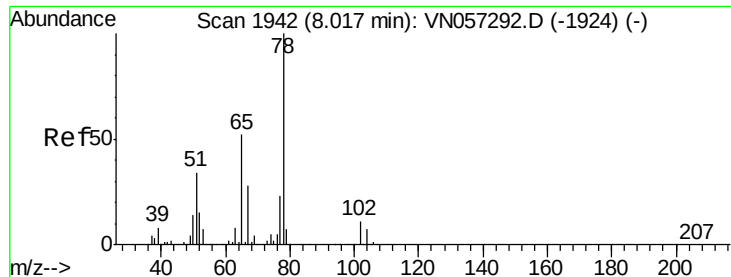
Ion Ratio Lower Upper

56 100

69 189.5 27.3 40.9#

84 150.7 71.0 106.6#

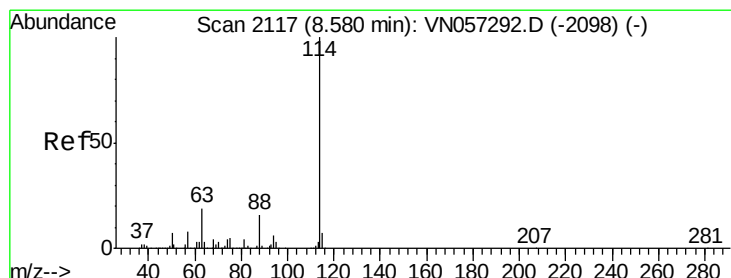
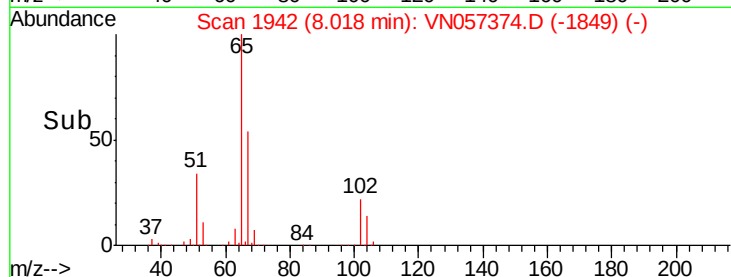
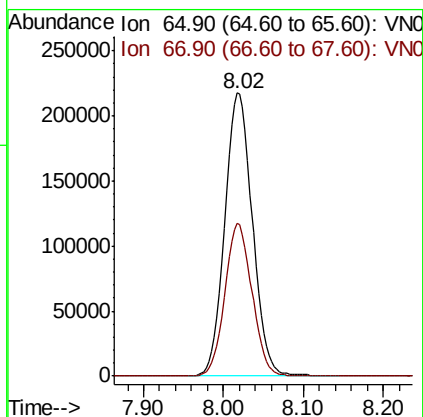
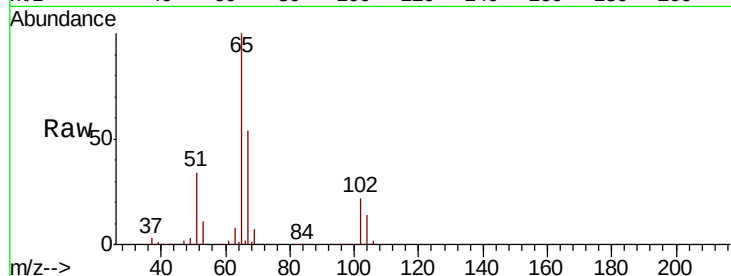




#33
 1,2-Dichloroethane-d4
 Concen: 43.059 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057374.D
 Acq: 16 Aug 2019 23:38

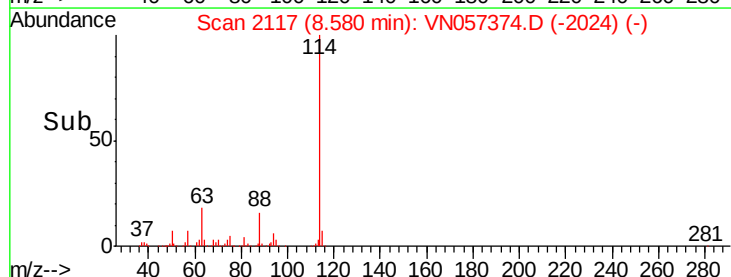
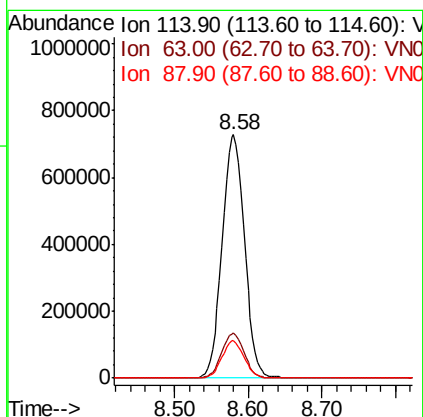
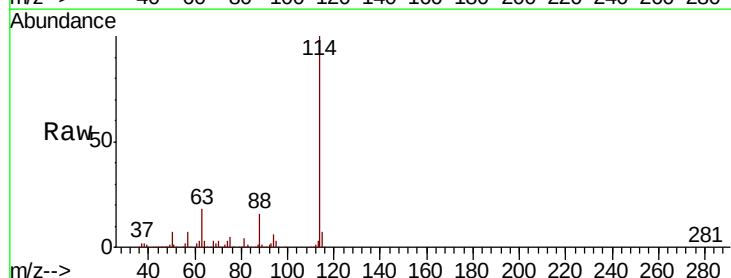
Instrument :
 MSVOA_N
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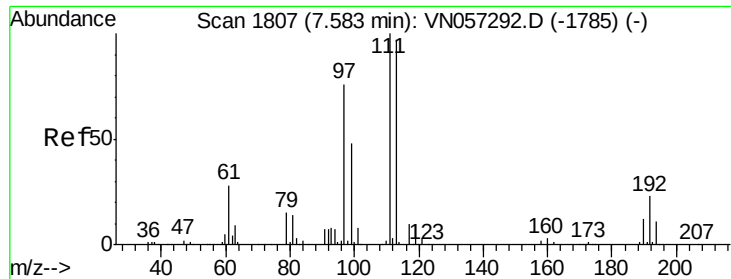
Tgt Ion: 65 Resp: 512669
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057374.D
 Acq: 16 Aug 2019 23:38

Tgt Ion: 114 Resp: 1537581
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.8
 88 15.6 0.0 31.4

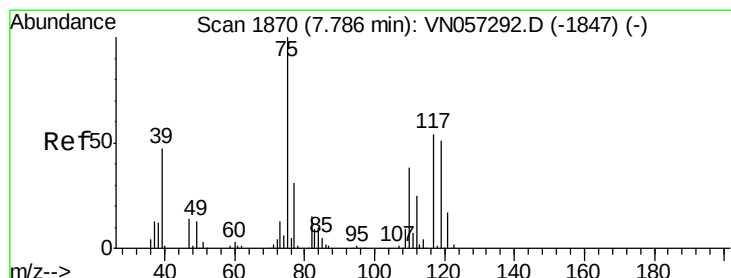
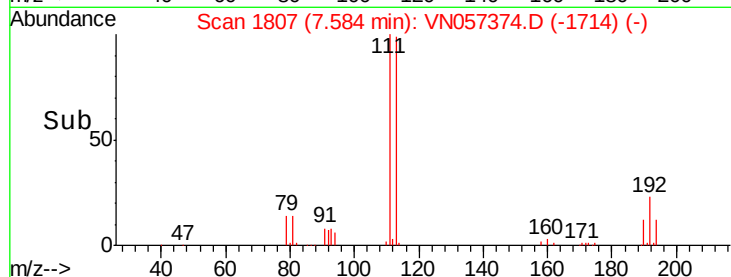
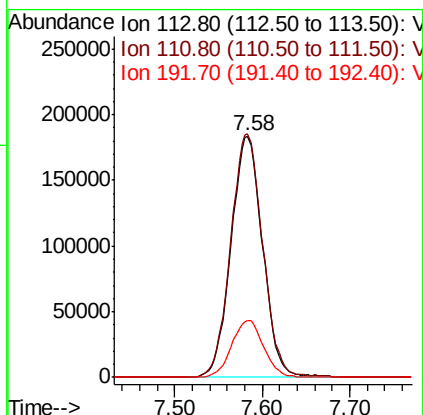
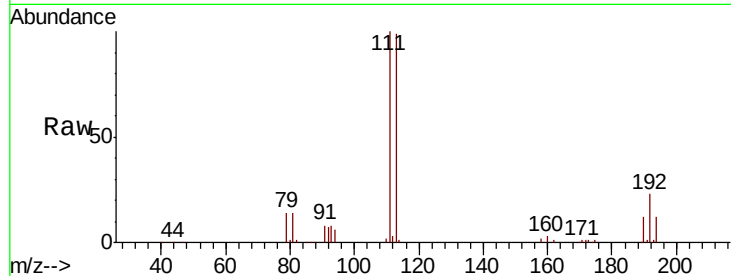




#35
 Dibromofluoromethane
 Concen: 45.613 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057374.D
 Acq: 16 Aug 2019 23:38

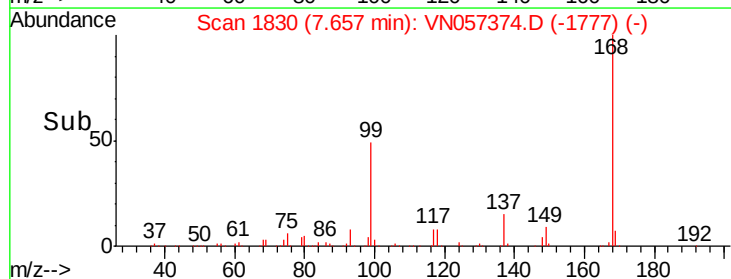
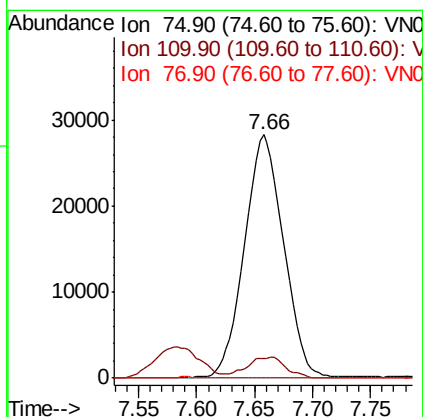
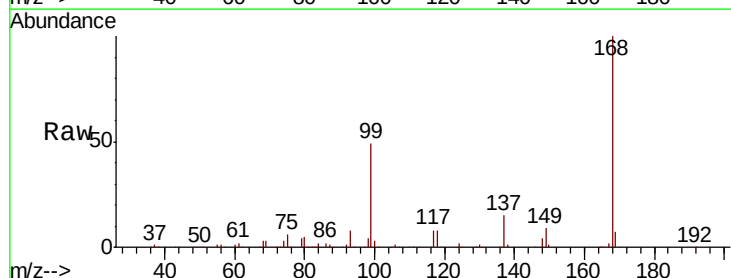
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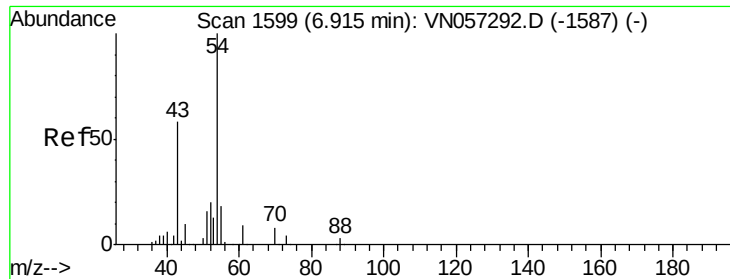
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.1	123.1
192	23.9	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.910 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN057374.D
 Acq: 16 Aug 2019 23:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	19.5	58.5#
77	0.0	25.0	37.6#

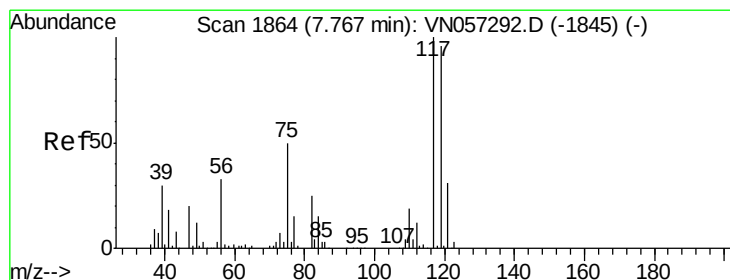
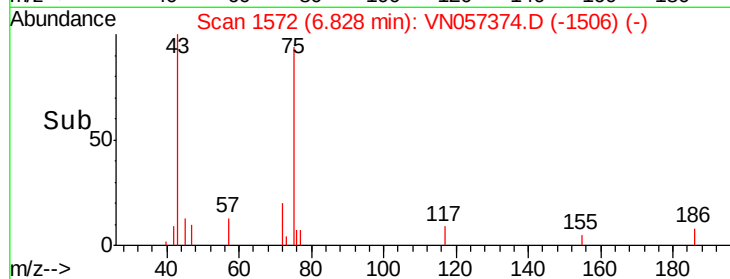
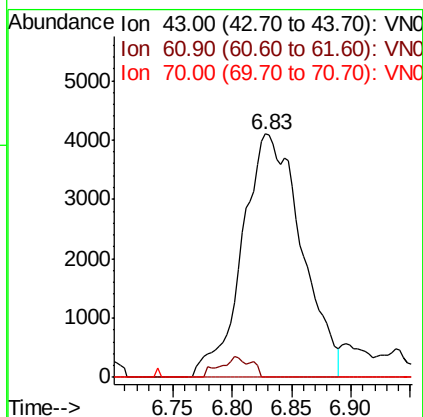
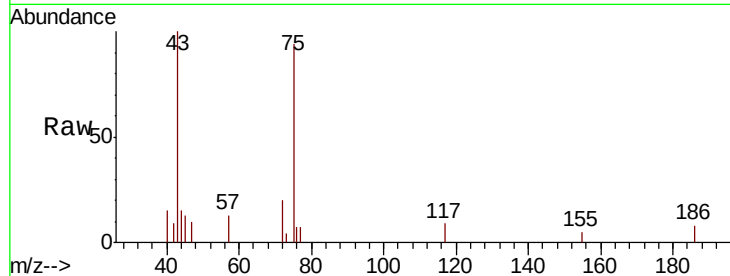




#37
Ethyl Acetate
Concen: 1.273 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.09 min
Lab File: VN057374.D
Acq: 16 Aug 2019 23:38

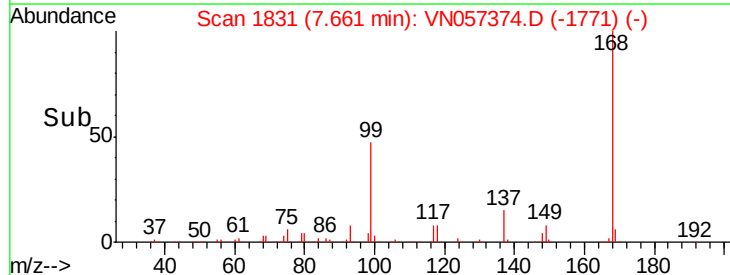
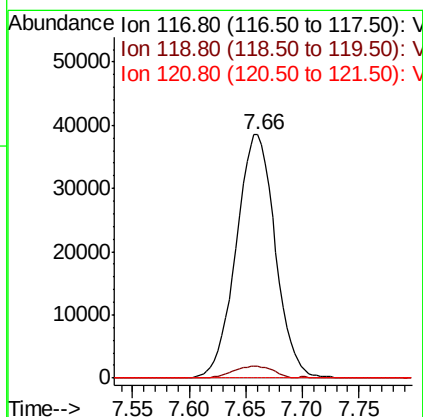
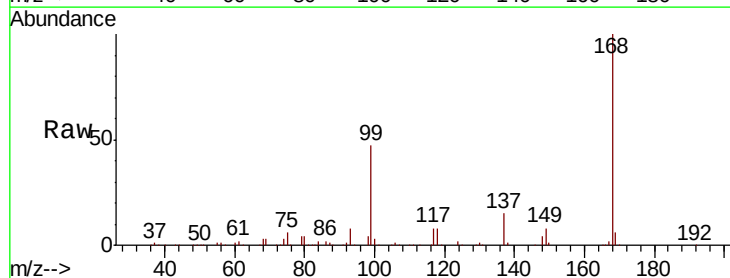
Instrument :
MSVOA_N
ClientSampled :
TP-5

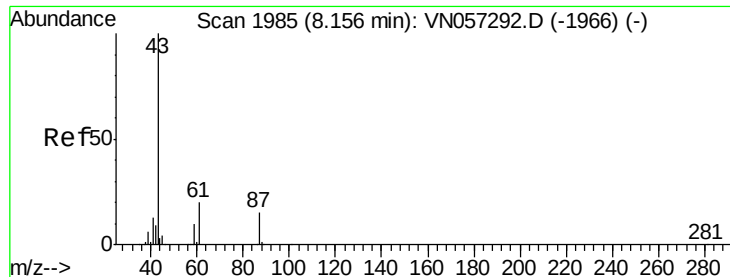
Tgt Ion: 43 Resp: 14156
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 6.562 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN057374.D
Acq: 16 Aug 2019 23:38

Tgt Ion: 117 Resp: 92555
Ion Ratio Lower Upper
117 100
119 4.8 76.8 115.2#
121 0.0 25.0 37.4#





#43

Isopropyl Acetate

Concen: 9.279 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057374.D

Acq: 16 Aug 2019 23:38

Instrument :

MSVOA_N

ClientSampled :

TP-5

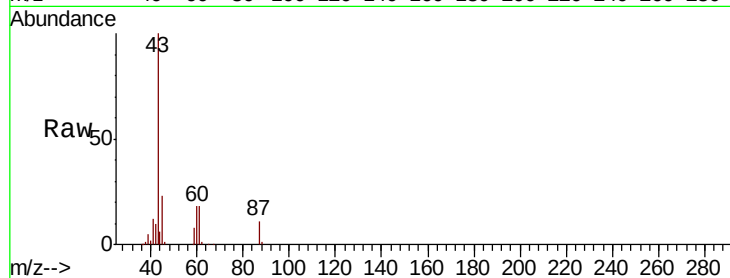
Tgt Ion: 43 Resp: 207359

Ion Ratio Lower Upper

43 100

61 16.3 21.6 32.4#

87 9.4 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057292.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057292.D (-1966) (-)

8.16

100000

80000

60000

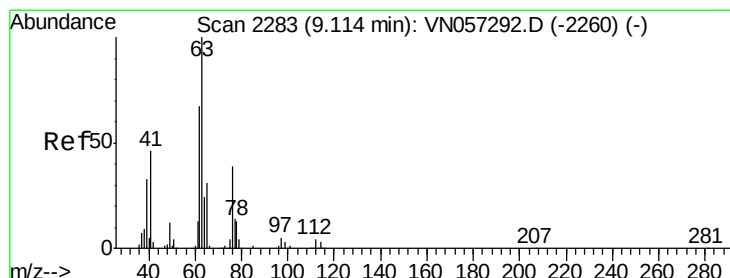
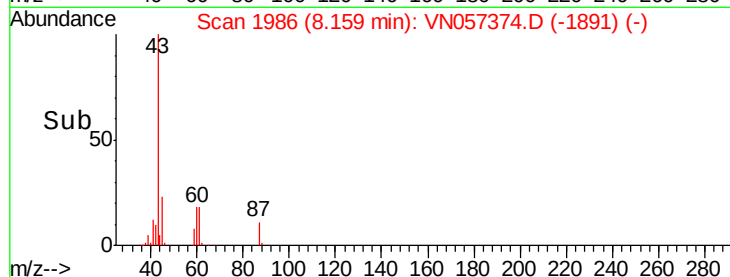
40000

20000

0

8.10 8.15 8.20

Time-->



#45

1,2-Dichloropropane

Concen: 0.295 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN057374.D

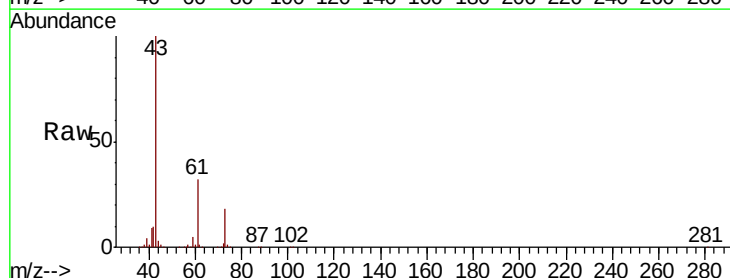
Acq: 16 Aug 2019 23:38

Tgt Ion: 63 Resp: 3162

Ion Ratio Lower Upper

63 100

65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN057292.D (-2260) (-)

Ion 64.90 (64.60 to 65.60): VN057292.D (-2260) (-)

9.26

2000

1500

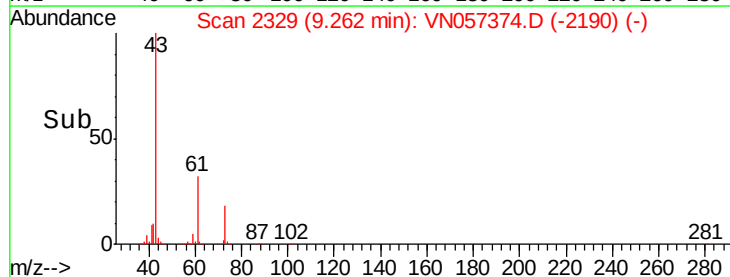
1000

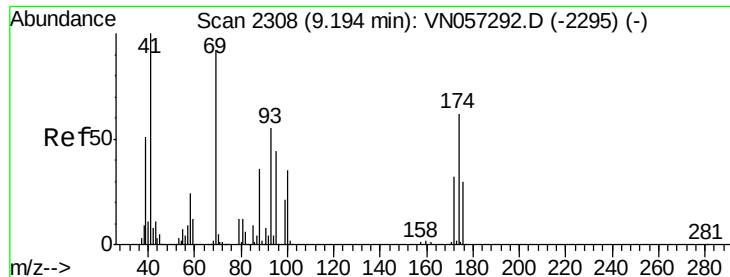
500

0

9.20 9.25 9.30

Time-->

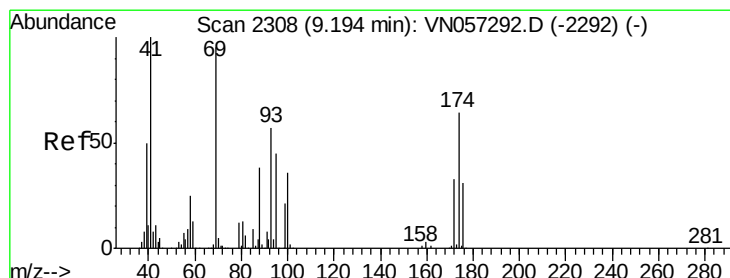
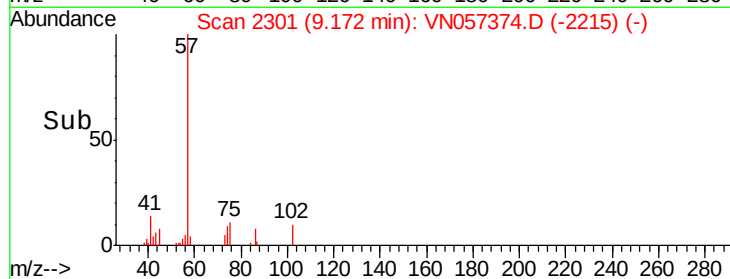
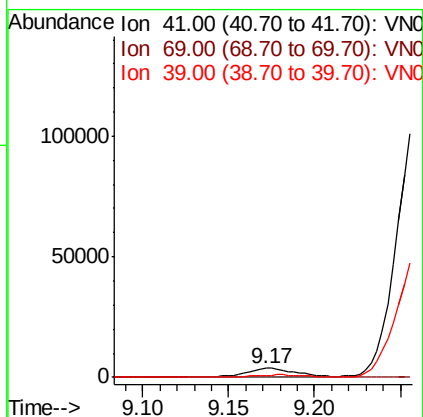
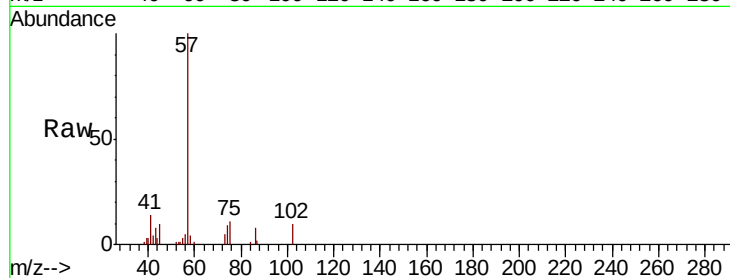




#48
Methyl methacrylate
Concen: 0.871 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN057374.D
Acq: 16 Aug 2019 23:38

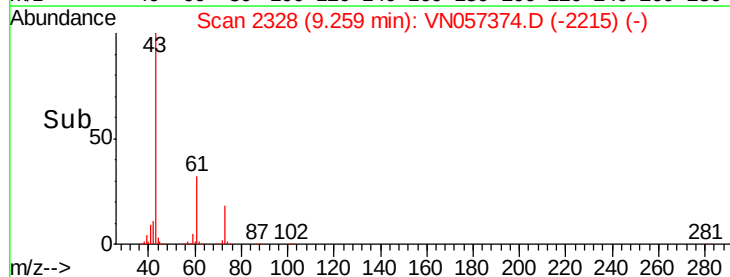
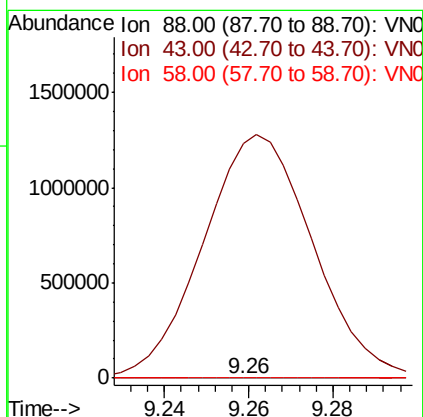
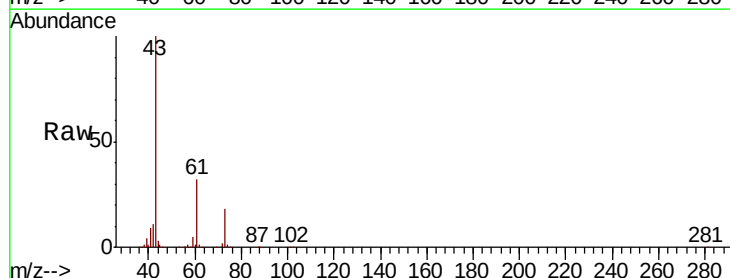
Instrument :
MSVOA_N
ClientSampled :
TP-5

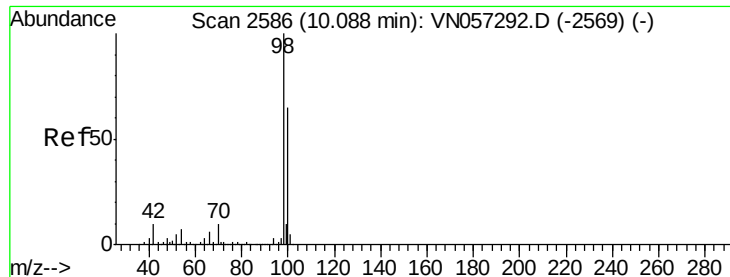
Tgt Ion: 41 Resp: 7977
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 42.3 63.5#



#49
1,4-Dioxane
Concen: 1.953 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN057374.D
Acq: 16 Aug 2019 23:38

Tgt Ion: 88 Resp: 376
Ion Ratio Lower Upper
88 100
43 623897.9 22.9 34.3#
58 2765.4 52.7 79.1#





#50

Toluene-d8

Concen: 48.660 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057374.D

Acq: 16 Aug 2019 23:38

Instrument :

MSVOA_N

ClientSampled :

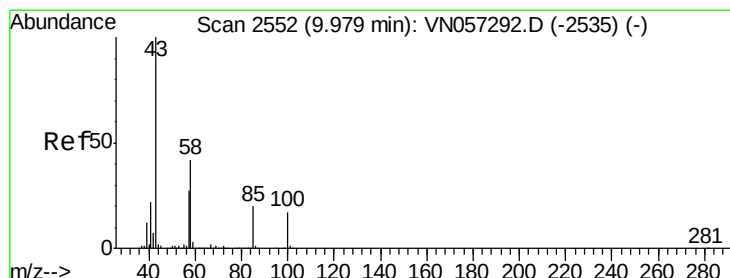
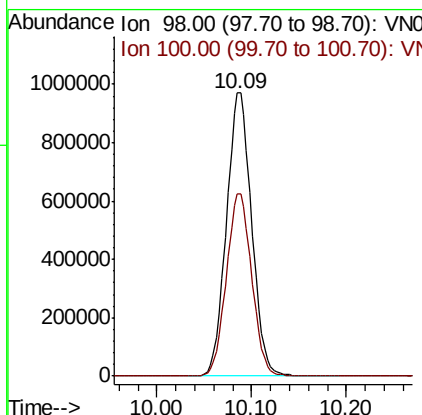
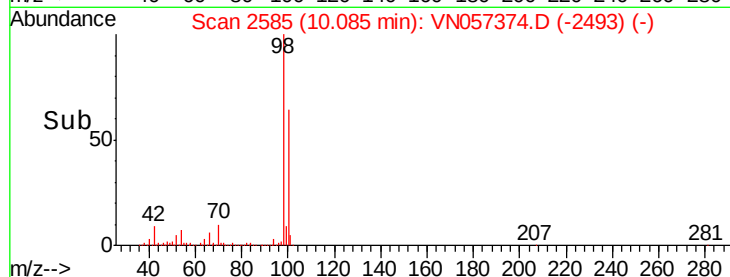
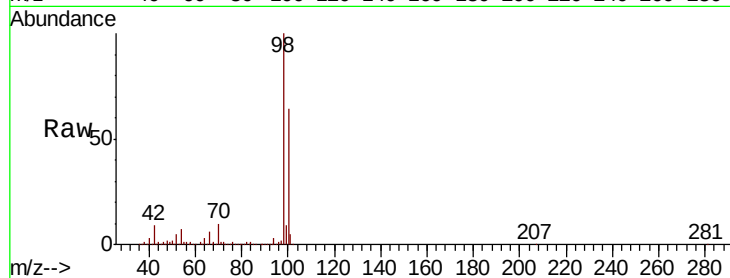
TP-5

Tgt Ion: 98 Resp: 1793856

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.741 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057374.D

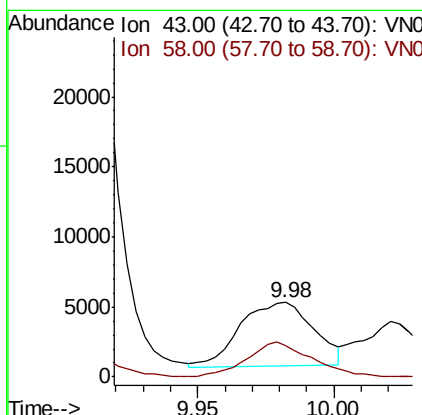
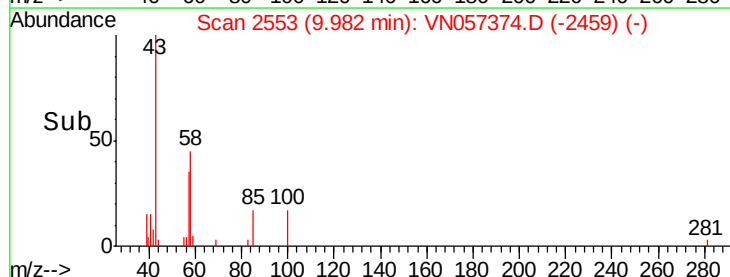
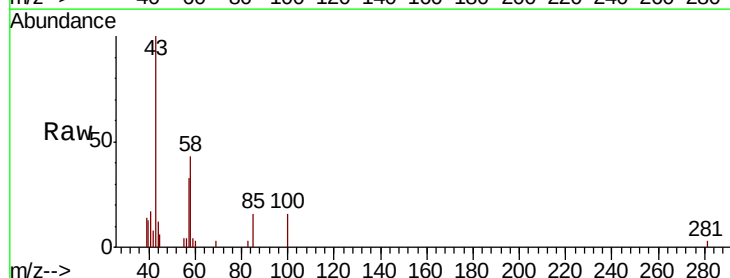
Acq: 16 Aug 2019 23:38

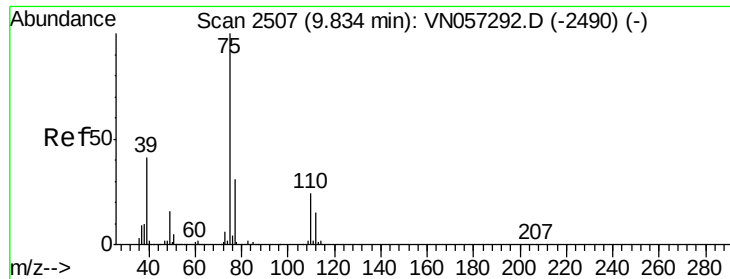
Tgt Ion: 43 Resp: 8500

Ion Ratio Lower Upper

43 100

58 48.4 33.2 49.8





#54

cis-1,3-Dichloropropene

Concen: 4.449 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057374.D

Acq: 16 Aug 2019 23:38

Instrument :

MSVOA_N

ClientSampled :

TP-5

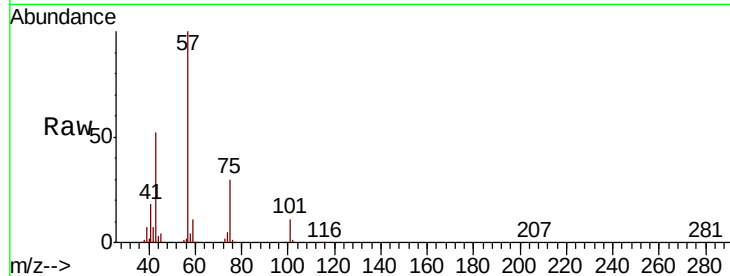
Tgt Ion: 75 Resp: 75074

Ion Ratio Lower Upper

75 100

77 0.6 24.9 37.3#

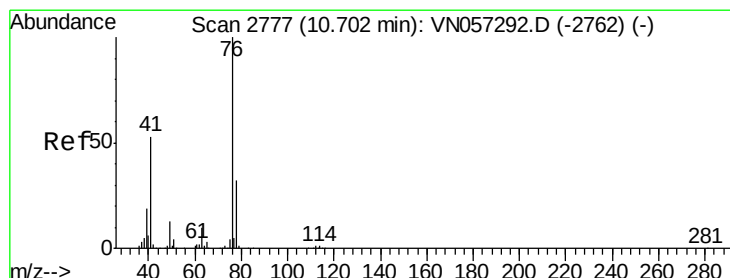
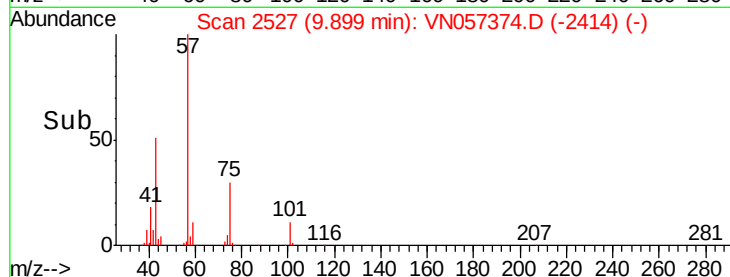
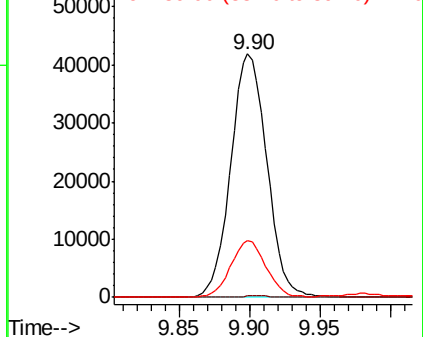
39 23.5 32.7 49.1#



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-Dichloropropene

Concen: 0.702 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057374.D

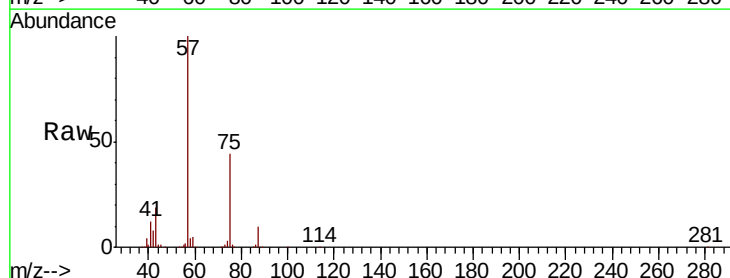
Acq: 16 Aug 2019 23:38

Tgt Ion: 76 Resp: 11922

Ion Ratio Lower Upper

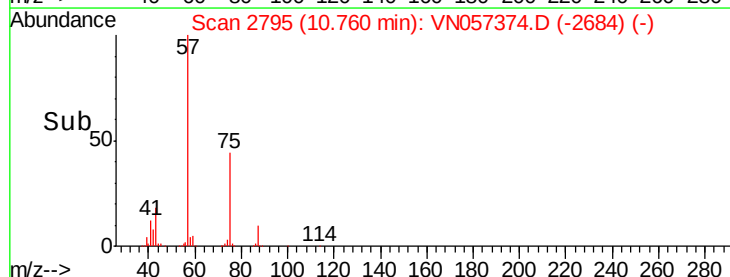
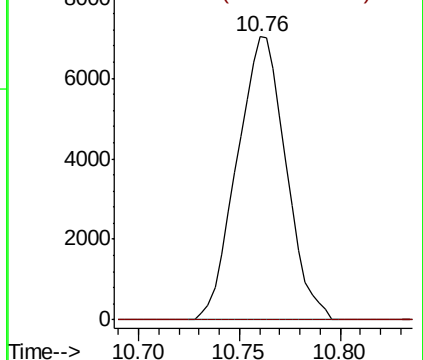
76 100

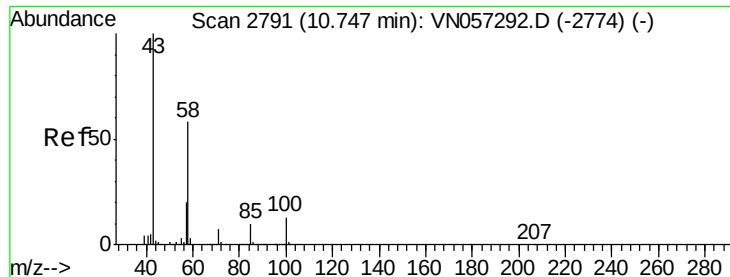
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

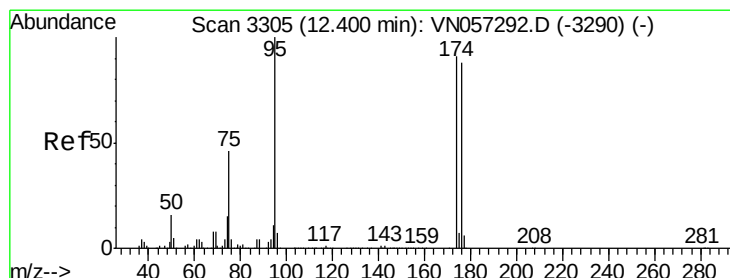
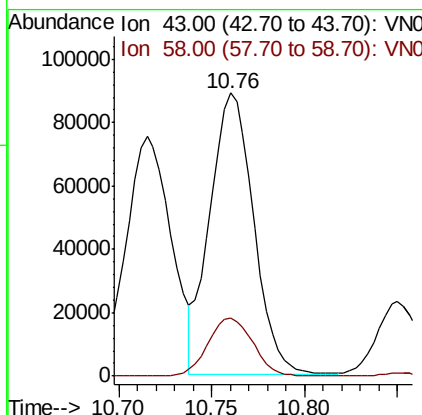
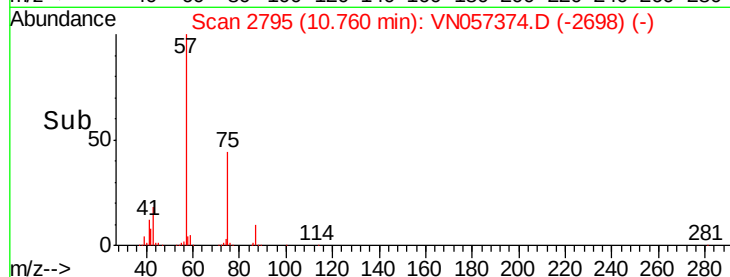
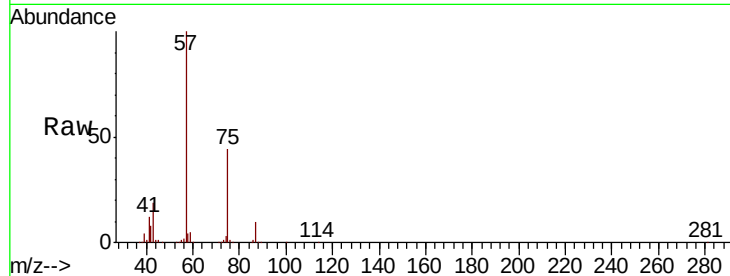




#59
2-Hexanone
Concen: 17.687 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057374.D
Acq: 16 Aug 2019 23:38

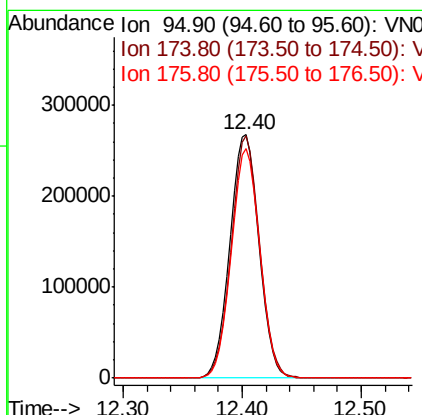
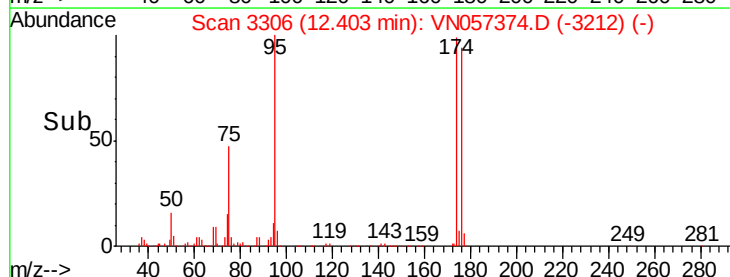
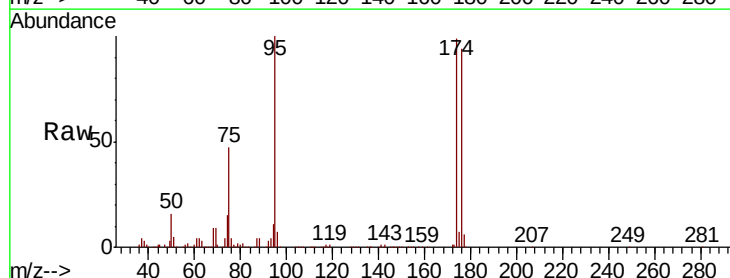
Instrument :
MSVOA_N
ClientSampled :
TP-5

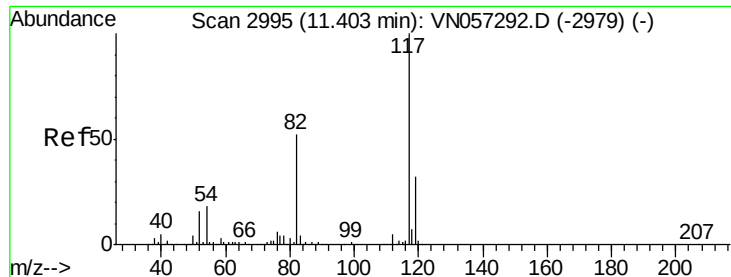
Tgt Ion: 43 Resp: 145865
Ion Ratio Lower Upper
43 100
58 21.1 28.6 85.9#



#62
4-Bromofluorobenzene
Concen: 34.753 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057374.D
Acq: 16 Aug 2019 23:38

Tgt Ion: 95 Resp: 452760
Ion Ratio Lower Upper
95 100
174 97.2 0.0 185.0
176 92.7 0.0 181.0

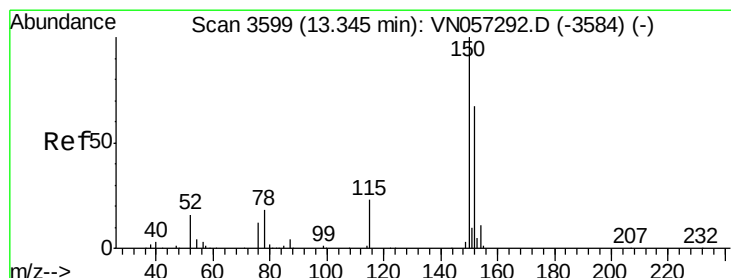
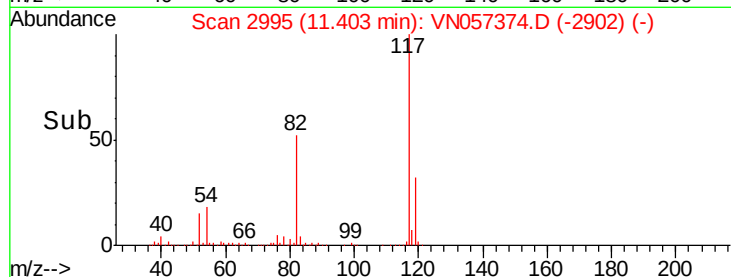
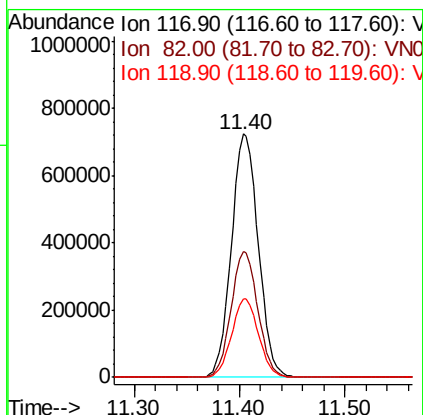
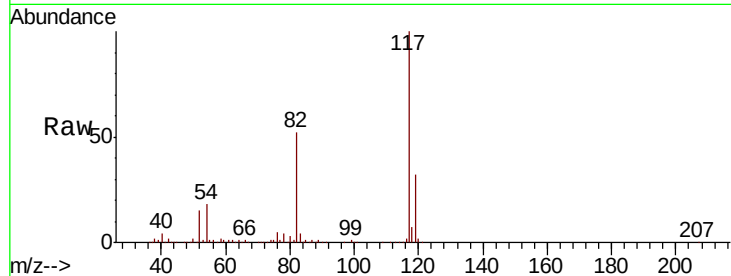




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057374.D
Acq: 16 Aug 2019 23:38

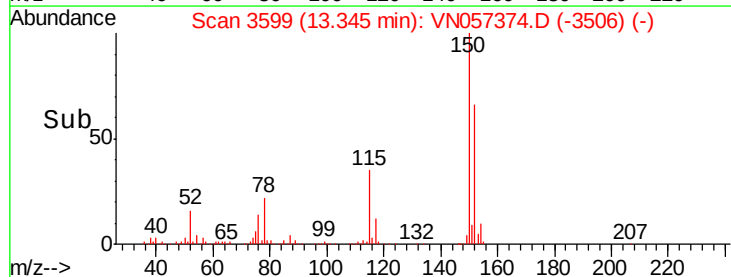
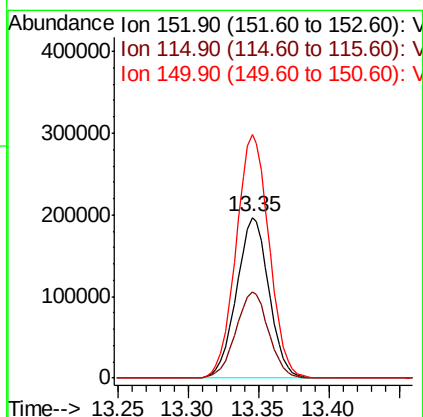
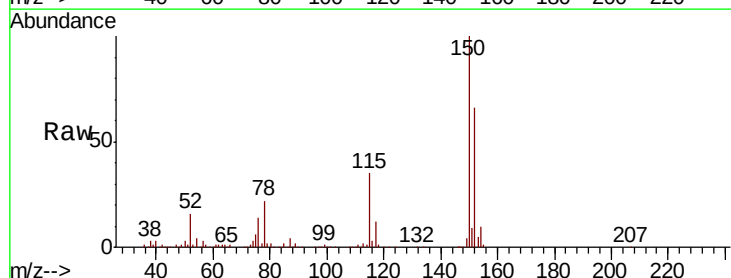
Instrument :
MSVOA_N
ClientSampled :
TP-5

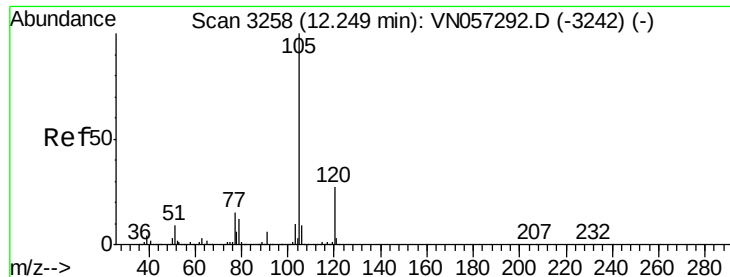
Tgt Ion:117 Resp: 1271557
Ion Ratio Lower Upper
117 100
82 51.7 41.2 61.8
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057374.D
Acq: 16 Aug 2019 23:38

Tgt Ion:152 Resp: 317394
Ion Ratio Lower Upper
152 100
115 54.1 27.3 81.9
150 154.1 0.0 344.4





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057374.D

Acq: 16 Aug 2019 23:38

Instrument :

MSVOA_N

ClientSampleId :

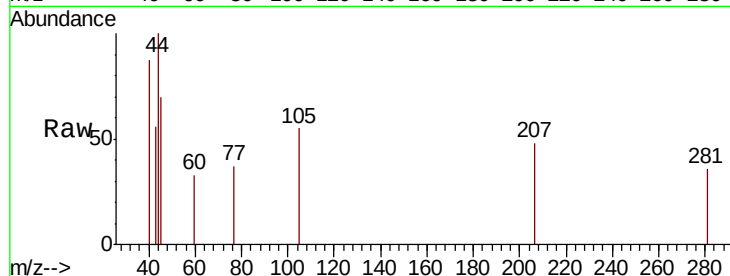
TP-5

Tgt Ion: 105 Resp: 235

Ion Ratio Lower Upper

105 100

120 0.0 13.2 39.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

250

200

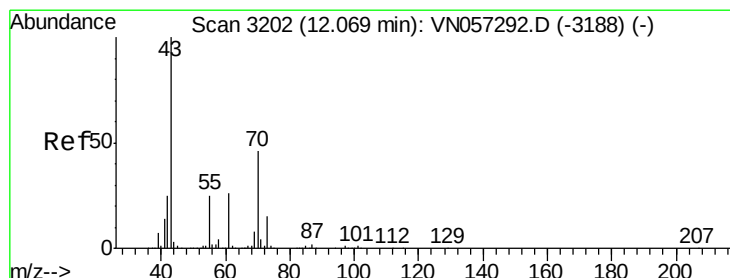
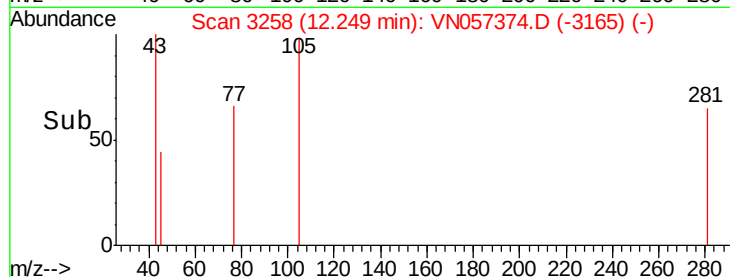
150

100

50

0

Time-->



#74

N-ethyl acetate

Concen: 0.432 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057374.D

Acq: 16 Aug 2019 23:38

Tgt Ion: 43 Resp: 3977

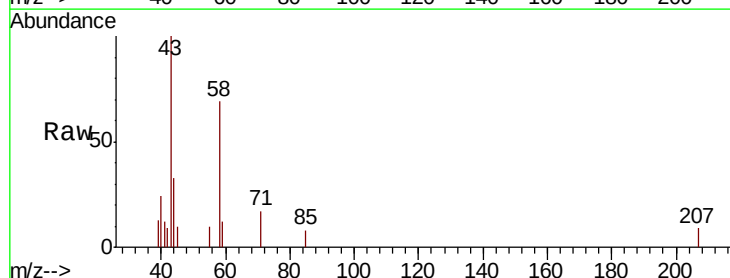
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 4.2 20.1 30.1#

61 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

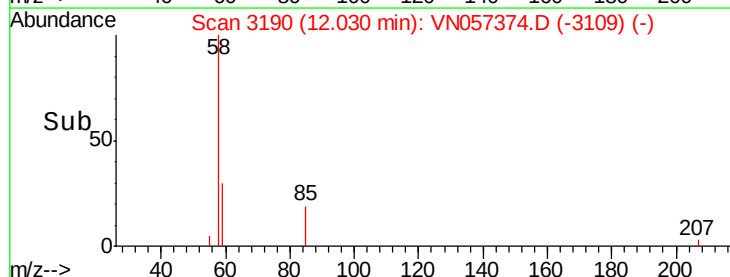
12.03

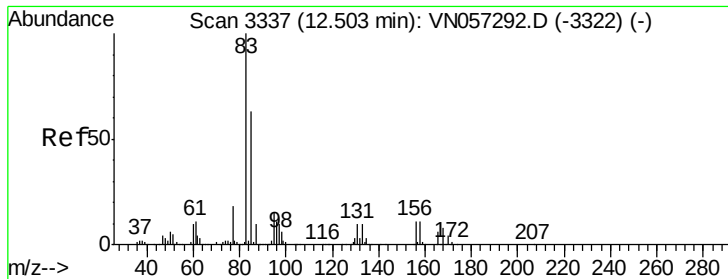
2000

1000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN057374.D

Acq: 16 Aug 2019 23:38

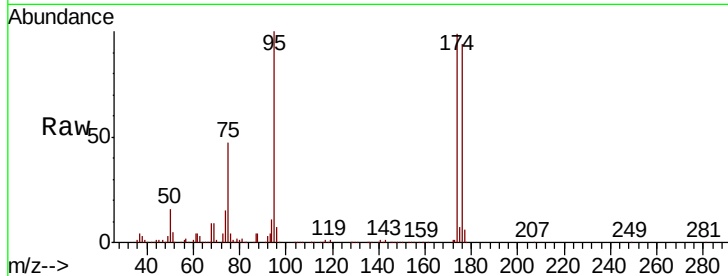
Instrument :

MSVOA_N

ClientSampleId :

TP-5

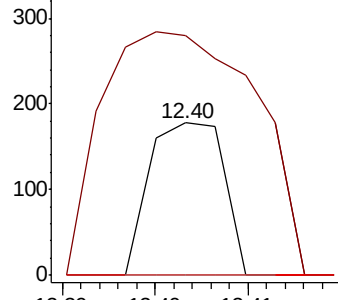
Tgt Ion:	83	Resp:	99
Ion	Ratio	Lower	Upper
83	100		
131	328.3	5.4	16.2#
85	0.0	32.3	96.9#



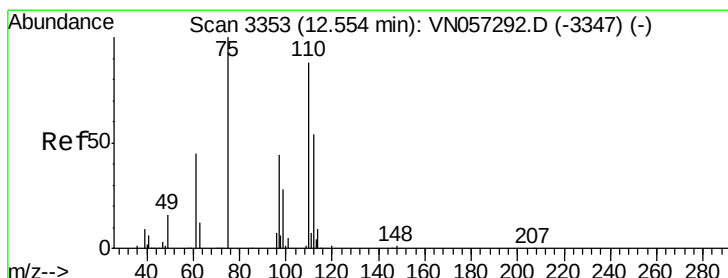
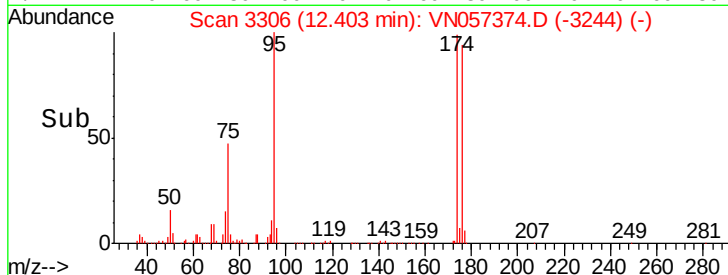
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 33.113 ug/l

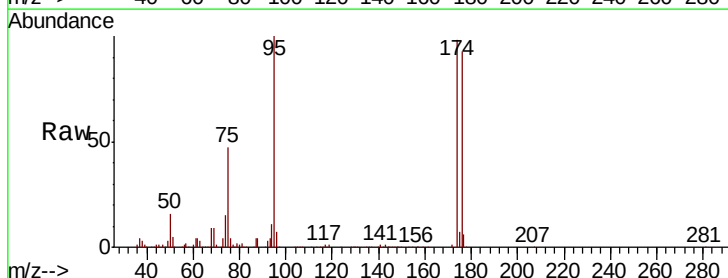
RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057374.D

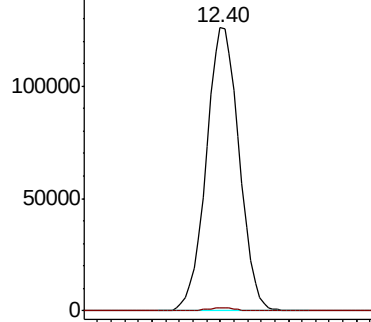
Acq: 16 Aug 2019 23:38

Tgt Ion:	75	Resp:	210882
Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

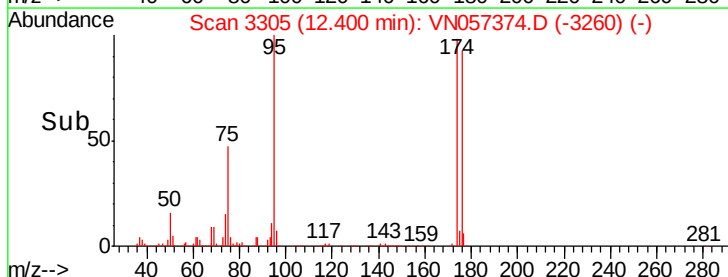


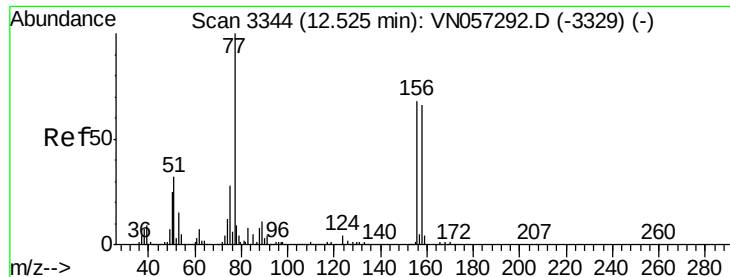
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->





#77

Bromobenzene

Concen: Below Cal

RT: 12.42 min Scan# 3311

Delta R.T. -0.11 min

Lab File: VN057374.D

Acq: 16 Aug 2019 23:38

Instrument :

MSVOA_N

ClientSampled :

TP-5

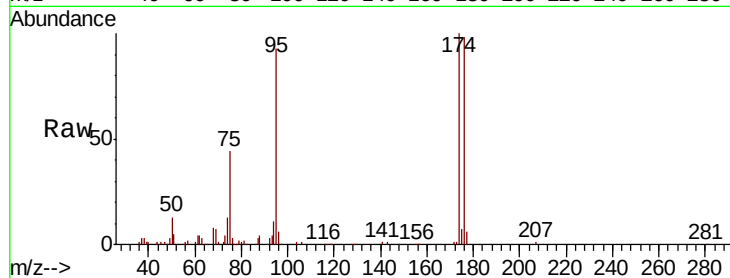
Tgt Ion:156 Resp: 32

Ion Ratio Lower Upper

156 100

77 6859.4 89.8 269.6#

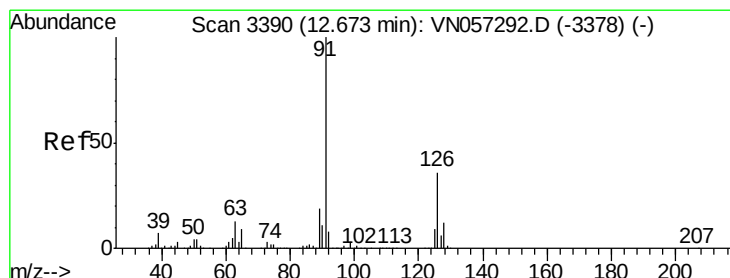
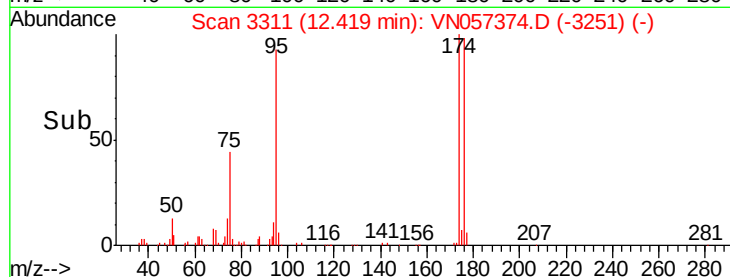
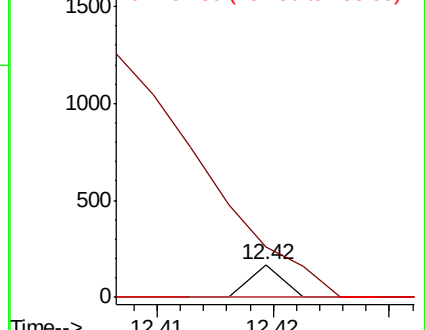
158 0.0 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN057374.D

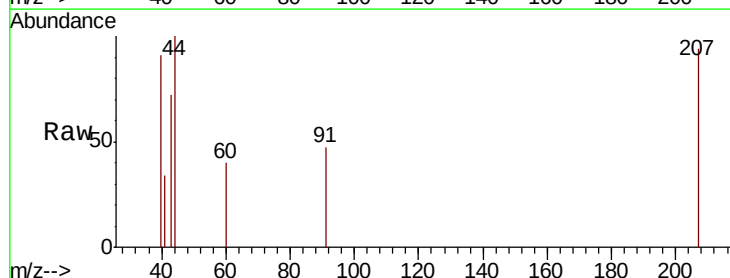
Acq: 16 Aug 2019 23:38

Tgt Ion: 91 Resp: 345

Ion Ratio Lower Upper

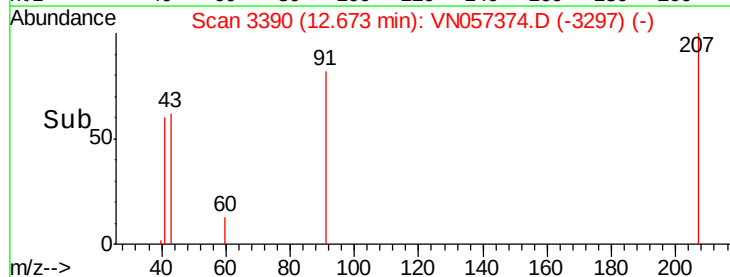
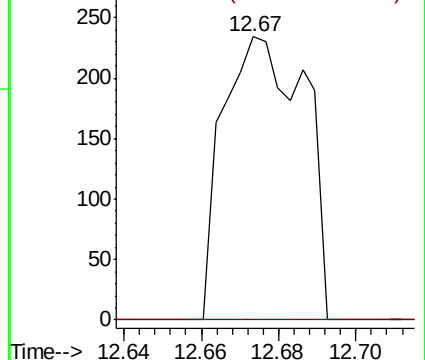
91 100

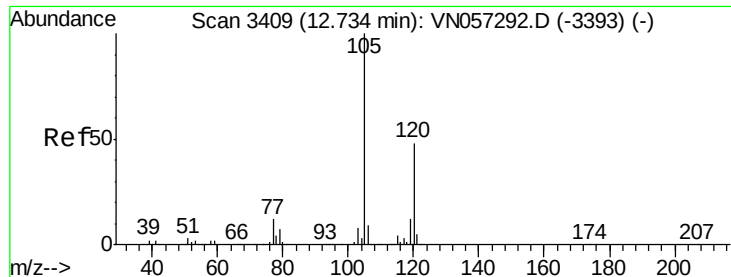
126 0.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

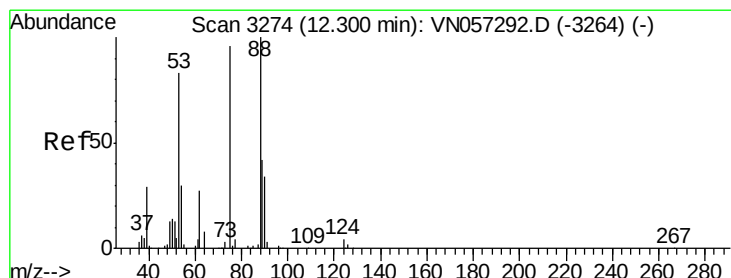
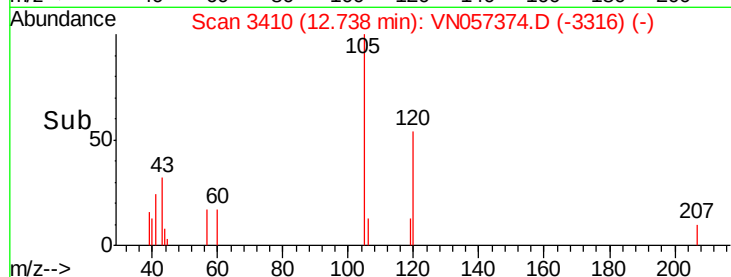
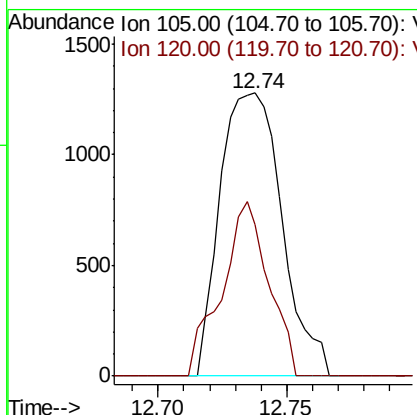
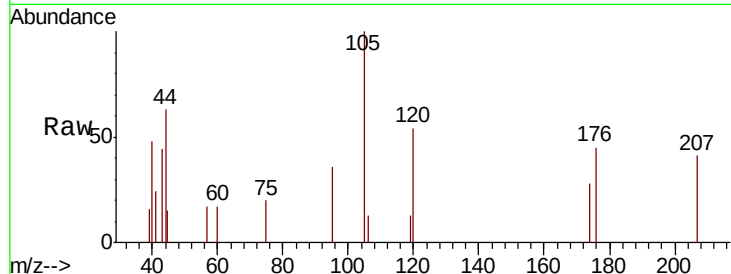




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN057374.D
 Acq: 16 Aug 2019 23:38

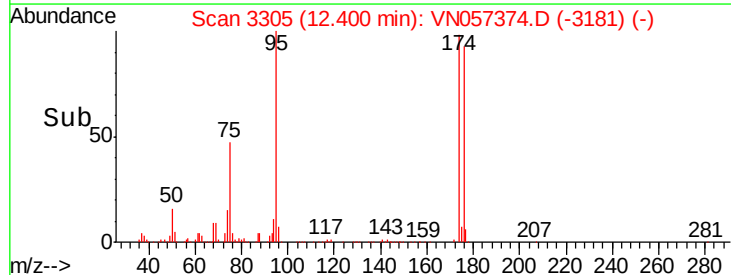
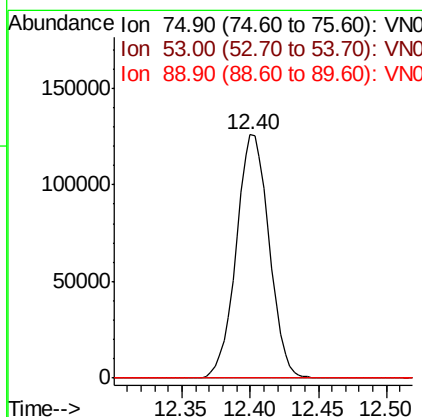
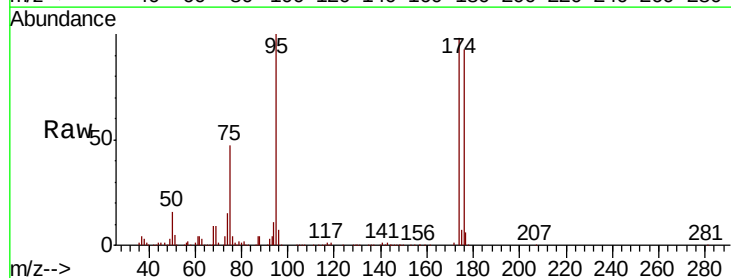
Instrument :
 MSVOA_N
 ClientSampled :
 TP-5

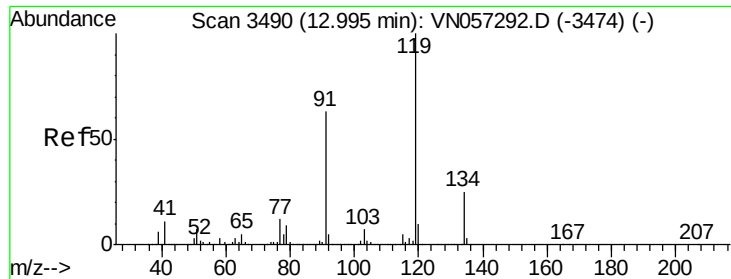
Tgt Ion: 105 Resp: 2146
 Ion Ratio Lower Upper
 105 100
 120 46.6 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.018 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN057374.D
 Acq: 16 Aug 2019 23:38

Tgt Ion: 75 Resp: 210882
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.9 101.9#
 89 0.0 36.2 54.4#

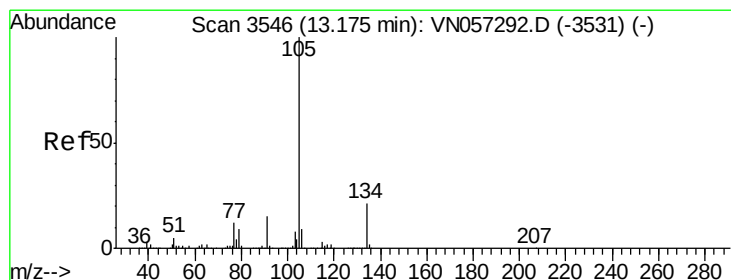
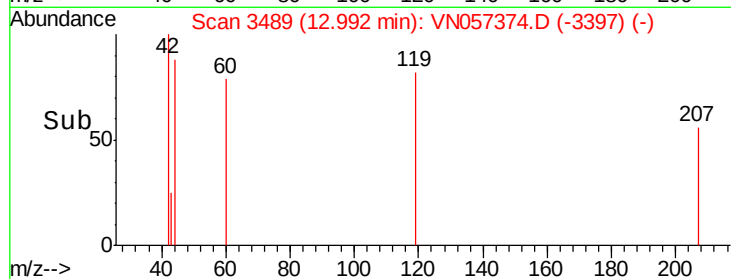
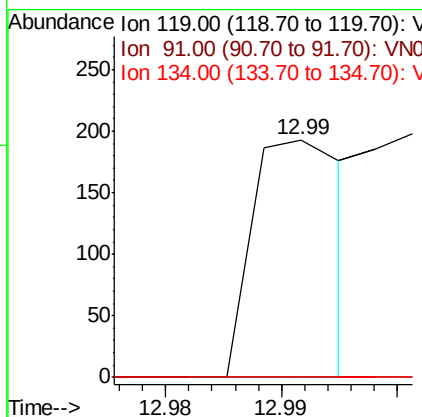
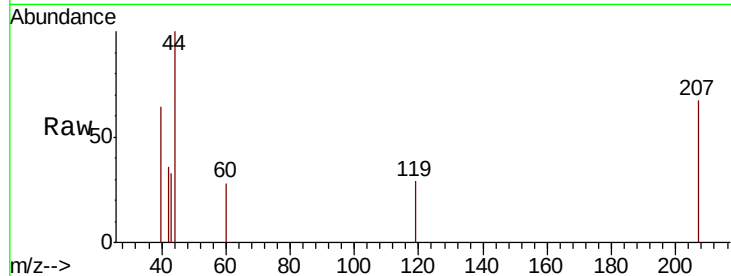




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN057374.D
 Acq: 16 Aug 2019 23:38

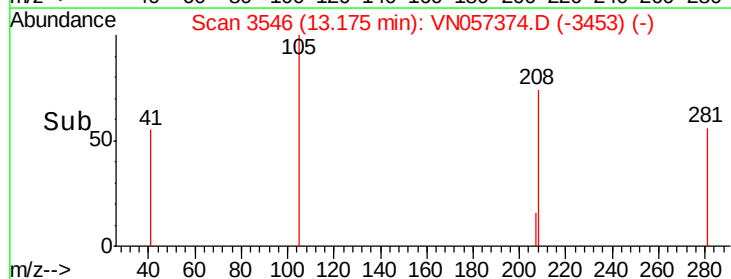
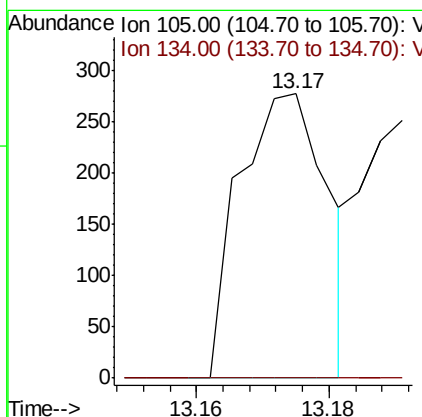
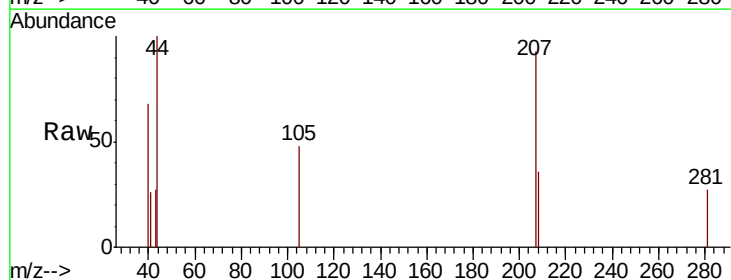
Instrument :
 MSVOA_N
 ClientSampled :
 TP-5

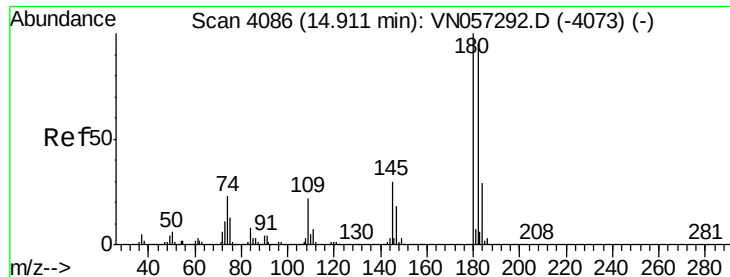
Tgt Ion:119 Resp: 107
 Ion Ratio Lower Upper
 119 100
 91 0.0 31.3 93.8#
 134 0.0 13.1 39.1#



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057374.D
 Acq: 16 Aug 2019 23:38

Tgt Ion:105 Resp: 255
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#





#93

1,2,4-Trichlorobenzene

Concen: 5.410 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN057374.D

Acq: 16 Aug 2019 23:38

Instrument :

MSVOA_N

ClientSampled :

TP-5

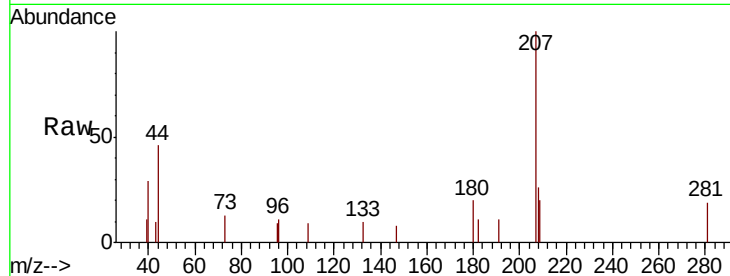
Tgt Ion:180 Resp: 252

Ion Ratio Lower Upper

180 100

182 177.0 48.0 144.2#

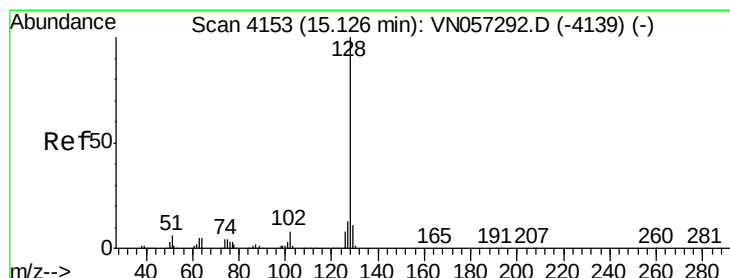
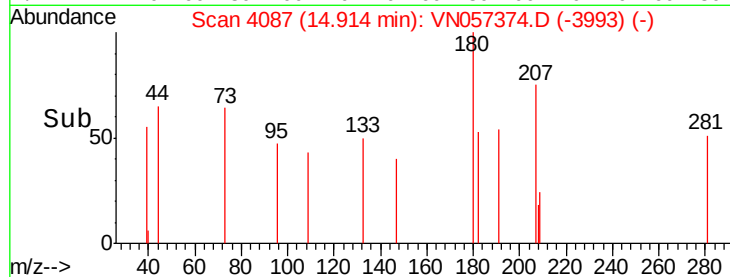
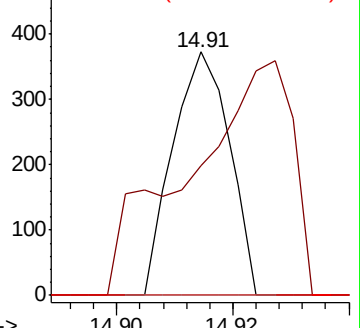
145 0.0 14.5 43.6#



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



#95

Naphthalene

Concen: Below Cal

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057374.D

Acq: 16 Aug 2019 23:38

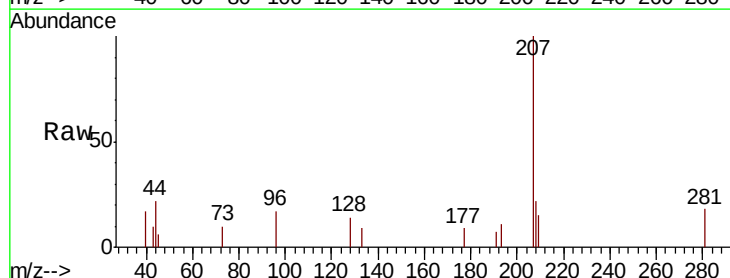
Tgt Ion:128 Resp: 548

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

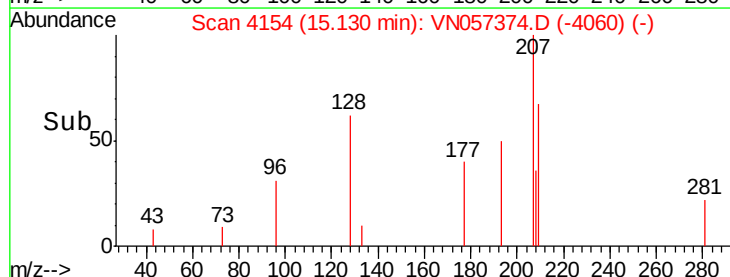
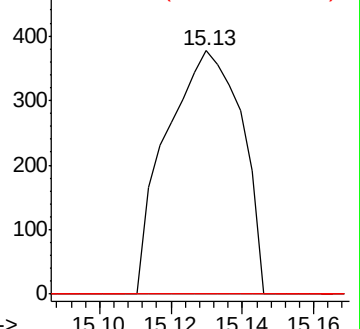
129 0.0 8.8 13.2#

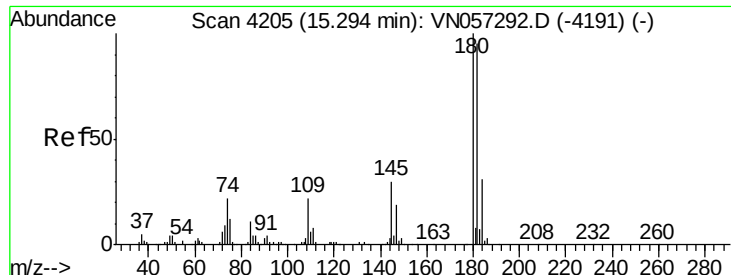


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

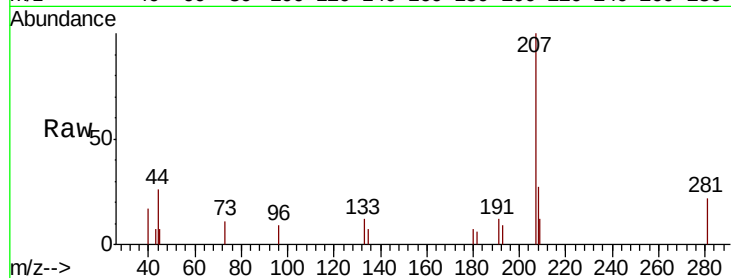




#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.01 min
 Lab File: VN057374.D
 Acq: 16 Aug 2019 23:38

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Tgt Ion	Ratio	Lower	Upper
180	100		
182	159.0	47.9	143.6#
145	0.0	15.1	45.3#



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

