

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081919\
 Data File : VN057429.D
 Acq On : 20 Aug 2019 4:03
 Operator : JC/SP
 Sample : K4386-34
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T6-A3-(0)

Quant Time: Aug 20 08:52:36 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	1045919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1450860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1226342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	325299	50.00	ug/l	0.00

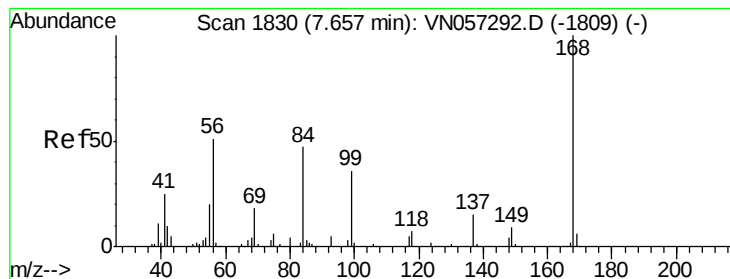
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	481811	42.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.74%	
35) Dibromofluoromethane	7.58	113	437510	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
50) Toluene-d8	10.08	98	1678137	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.40	95	453902	36.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.84%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.72	59	3245	2.007	ug/l #	73
16) Acetone	3.82	43	9804	2.486	ug/l	93
18) Methyl Acetate	4.31	43	27779	0.227	ug/l	97
20) Methylene Chloride	4.54	84	8483	0.769	ug/l #	86
31) Cyclohexane	7.66	56	14838	0.958	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	59712	4.661	ug/l #	48
38) Carbon Tetrachloride	7.66	117	87452	6.570	ug/l #	16
43) Isopropyl Acetate	8.16	43	296714	14.667	ug/l #	72
45) 1,2-Dichloropropane	9.26	63	2682	0.266	ug/l #	44
48) Methyl methacrylate	9.17	41	7053	0.816	ug/l #	11
49) 1,4-Dioxane	9.26	88	176	0.969	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7417	0.685	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	64078	4.024	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	9651	0.602	ug/l #	43
59) 2-Hexanone	10.76	43	125571	16.137	ug/l #	51
73) Isopropylbenzene	12.40	105	533	Below Cal	#	49
74) N-amyl acetate	12.03	43	3341	0.354	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.40	83	111	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	206876	31.612	ug/l #	100
79) 2-Chlorotoluene	12.60	91	189	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	1278	Below Cal		77
81) trans-1,4-Dichloro-2-buten	12.40	75	206876	77.547	ug/l #	15
83) tert-Butylbenzene	12.74	119	31	Below Cal	#	28
85) sec-Butylbenzene	13.18	105	215	Below Cal	#	55
90) Hexachloroethane	13.63	117	29	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	97	5.376	ug/l #	1
95) Naphthalene	15.14	128	445	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.29	180	32	Below Cal	#	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN057429.D

Acq: 20 Aug 2019 4:03

Instrument :

MSVOA_N

ClientSampled :

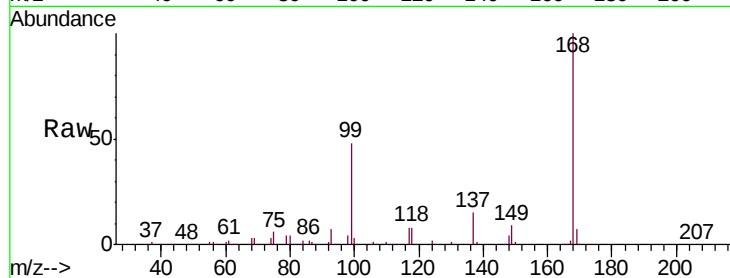
T6-A3-(0)

Tgt Ion:168 Resp: 1045919

Ion Ratio Lower Upper

168 100

99 47.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

400000

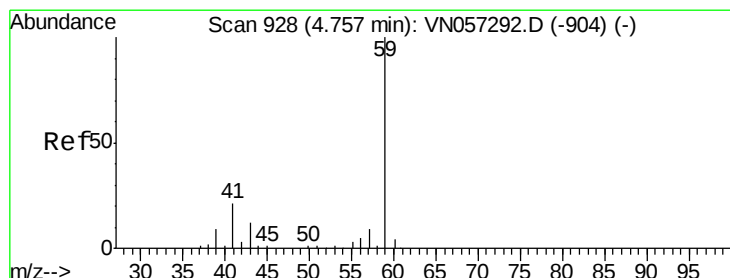
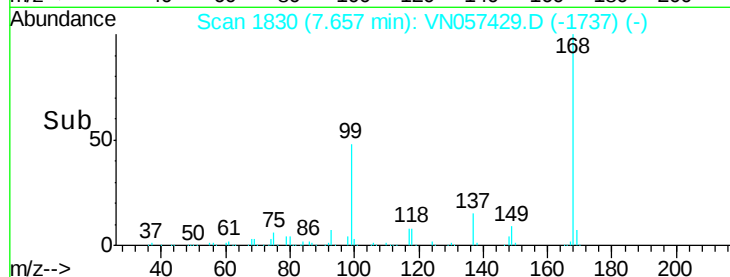
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.007 ug/l

RT: 4.72 min Scan# 918

Delta R.T. -0.03 min

Lab File: VN057429.D

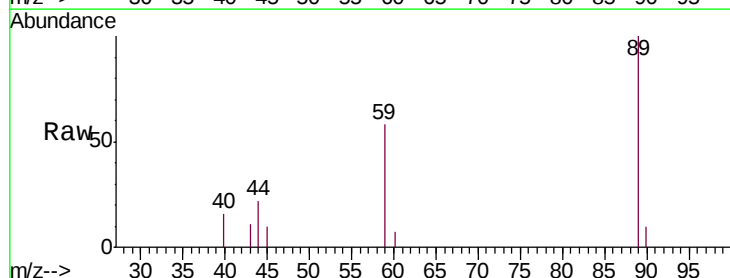
Acq: 20 Aug 2019 4:03

Tgt Ion: 59 Resp: 3245

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.72

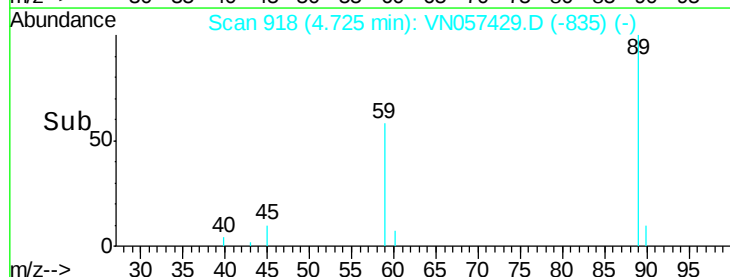
1500

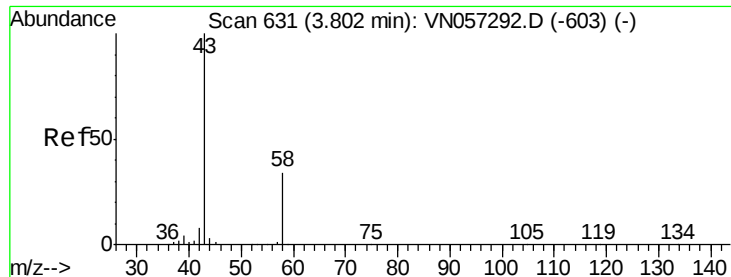
1000

500

0

Time-->





#16

Acetone

Concen: 2.486 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.02 min

Lab File: VN057429.D

Acq: 20 Aug 2019 4:03

Instrument :

MSVOA_N

ClientSampled :

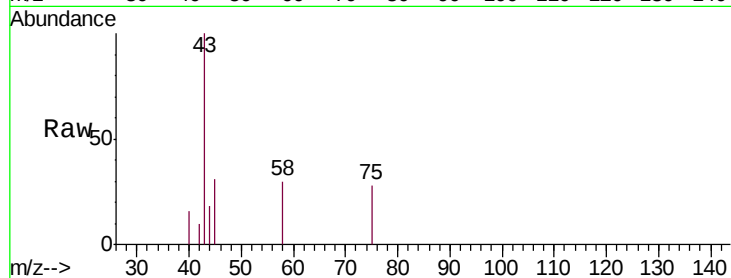
T6-A3-(0)

Tgt Ion: 43 Resp: 9804

Ion Ratio Lower Upper

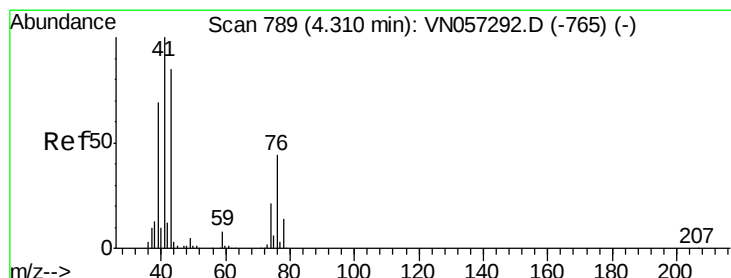
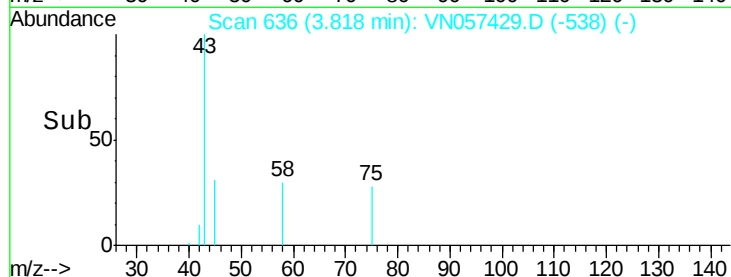
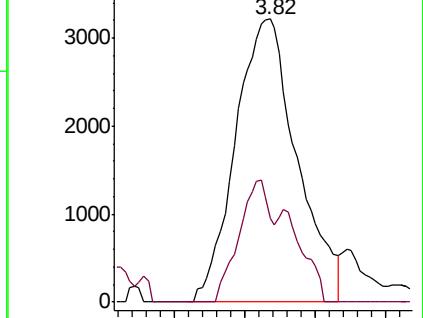
43 100

58 29.6 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN057429.D (-636) (-)

Ion 58.00 (57.70 to 58.70): VN057429.D (-636) (-)



#18

Methyl Acetate

Concen: 0.227 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN057429.D

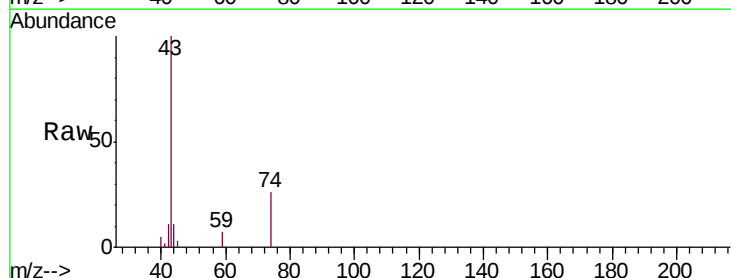
Acq: 20 Aug 2019 4:03

Tgt Ion: 43 Resp: 27779

Ion Ratio Lower Upper

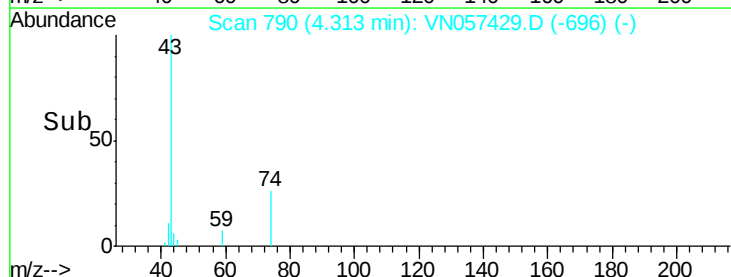
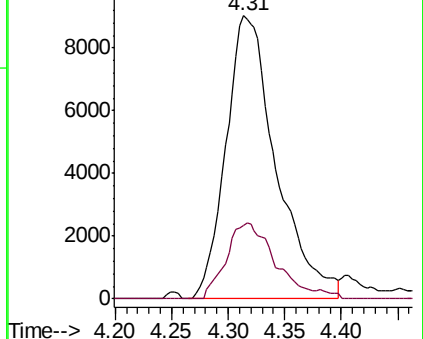
43 100

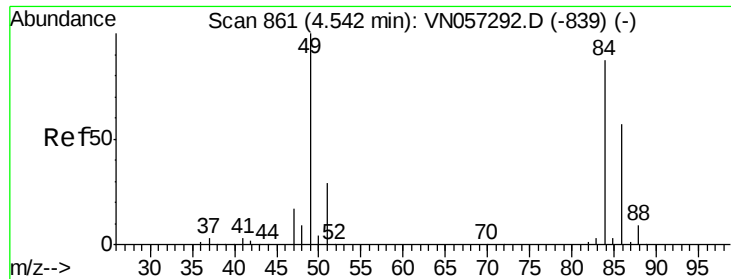
74 26.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN057429.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN057429.D (-696) (-)





#20

Methylene Chloride

Concen: 0.769 ug/l

RT: 4.54 min Scan# 860

Delta R.T. -0.00 min

Lab File: VN057429.D

Acq: 20 Aug 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

T6-A3-(0)

Tgt Ion: 84 Resp: 8483

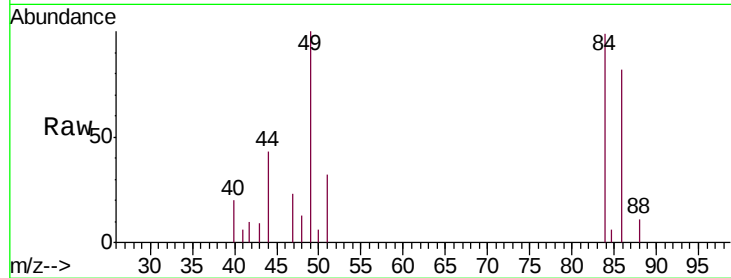
Ion Ratio Lower Upper

84 100

49 100.6 92.0 138.0

51 32.6 27.1 40.7

86 82.8 52.2 78.2#

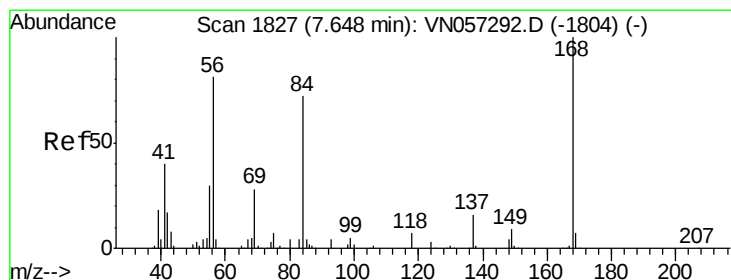
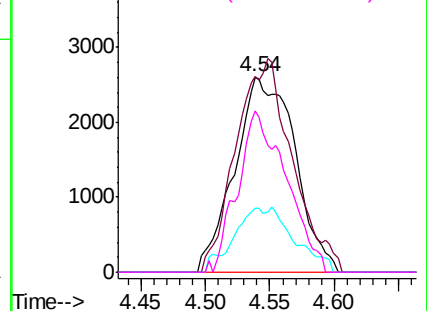
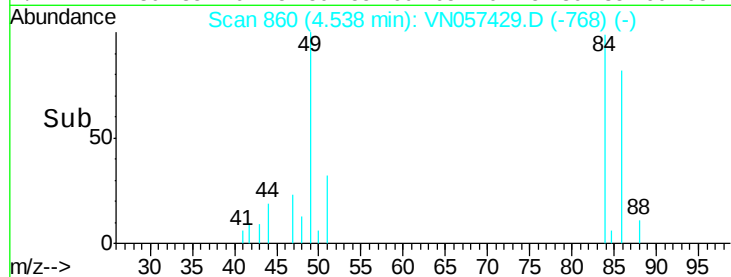


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#31

Cyclohexane

Concen: 0.958 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.02 min

Lab File: VN057429.D

Acq: 20 Aug 2019 4:03

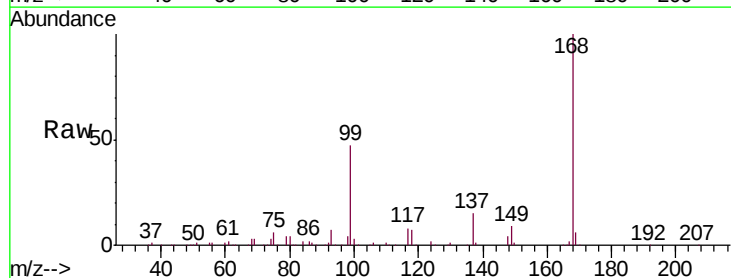
Tgt Ion: 56 Resp: 14838

Ion Ratio Lower Upper

56 100

69 190.7 27.3 40.9#

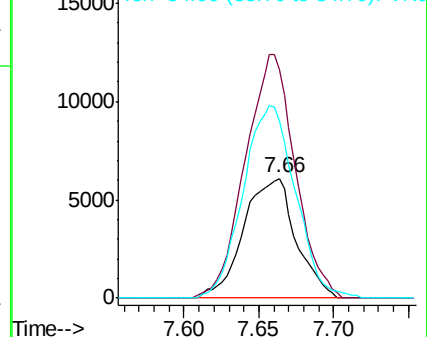
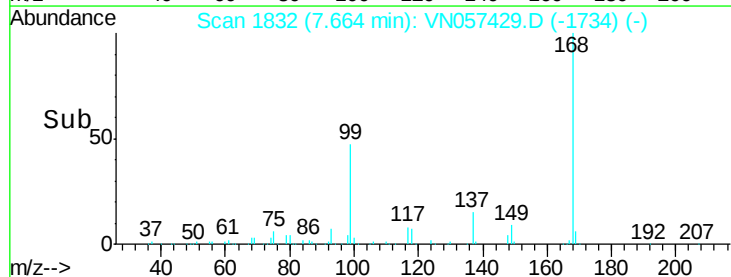
84 147.5 71.0 106.6#

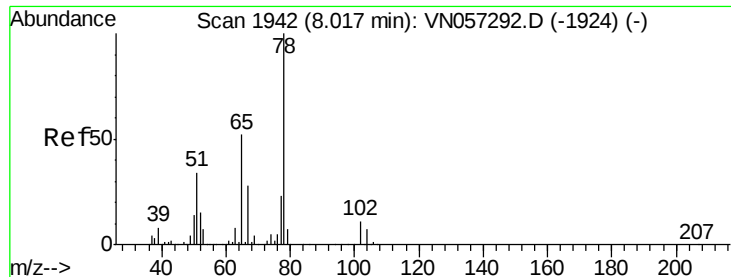


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 42.375 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN057429.D

Acq: 20 Aug 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

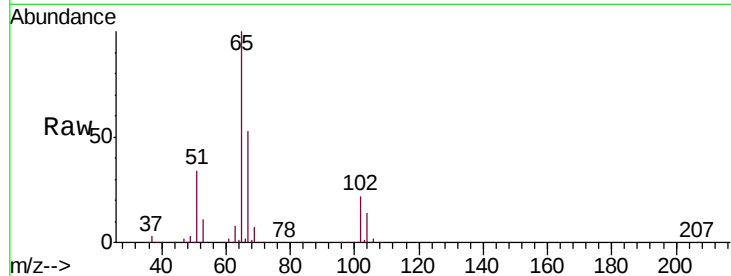
T6-A3-(0)

Tgt Ion: 65 Resp: 481811

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN057429.D (-1849) (-)

Ion 66.90 (66.60 to 67.60): VN057429.D (-1849) (-)

8.02

200000

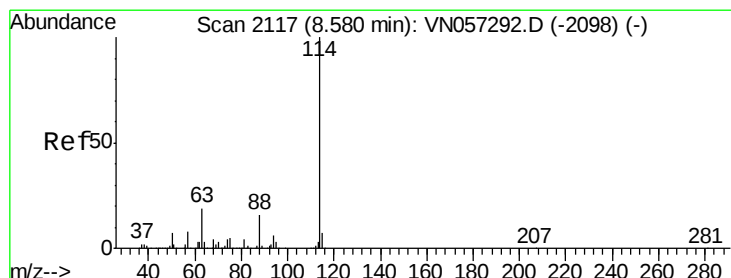
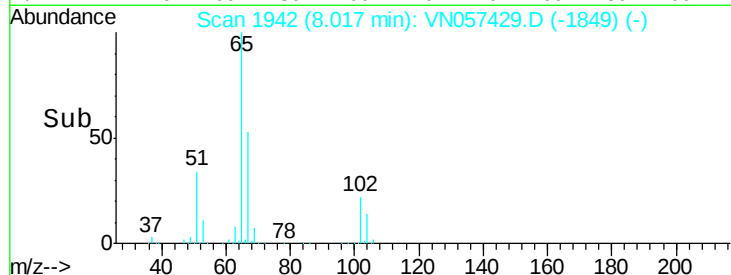
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN057429.D

Acq: 20 Aug 2019 4:03

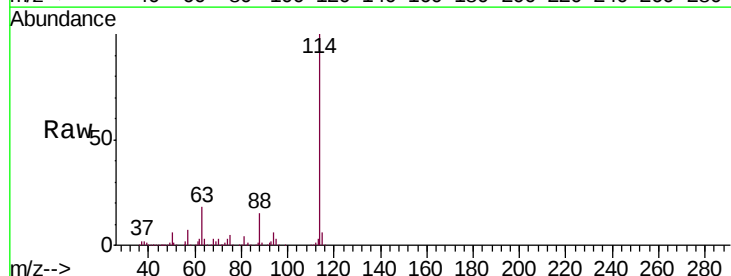
Tgt Ion: 114 Resp: 1450860

Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.8

88 15.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057429.D (-2024) (-)

Ion 63.00 (62.70 to 63.70): VN057429.D (-2024) (-)

Ion 87.90 (87.60 to 88.60): VN057429.D (-2024) (-)

8.58

800000

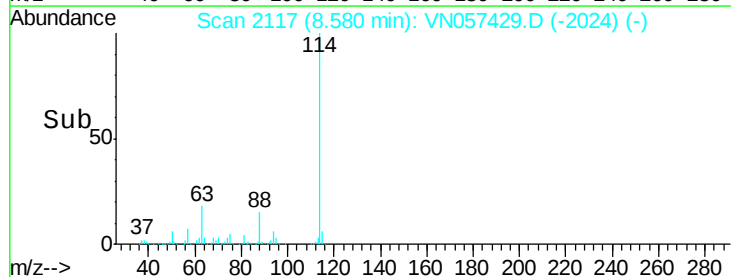
600000

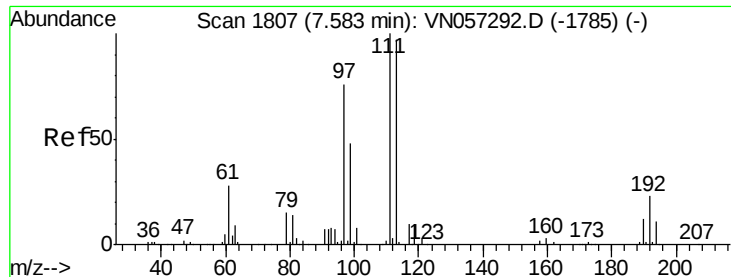
400000

200000

0

Time-->

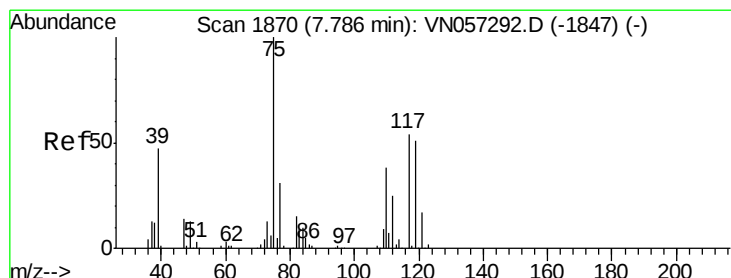
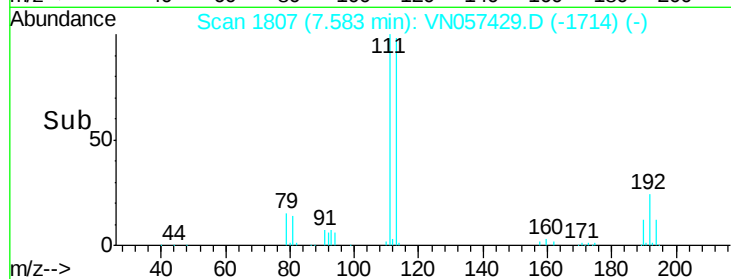
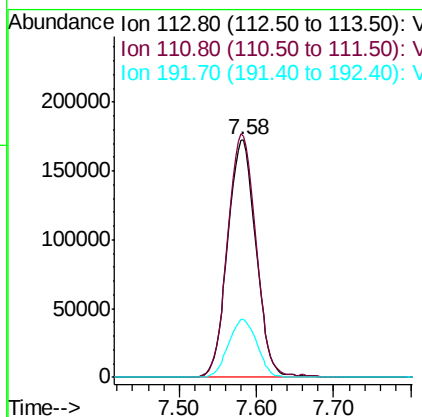
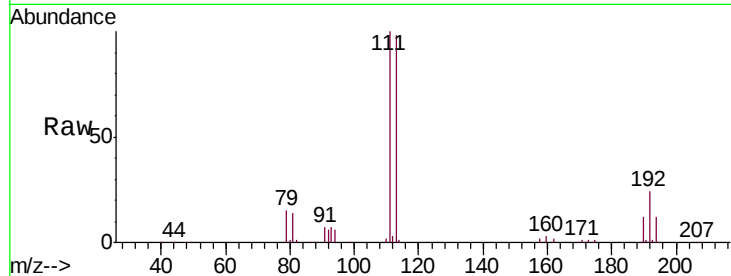




#35
 Dibromofluoromethane
 Concen: 46.002 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN057429.D
 Acq: 20 Aug 2019 4:03

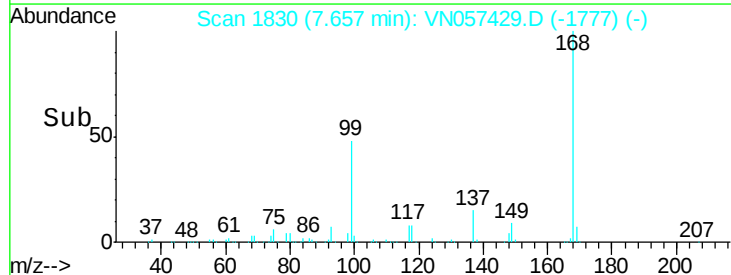
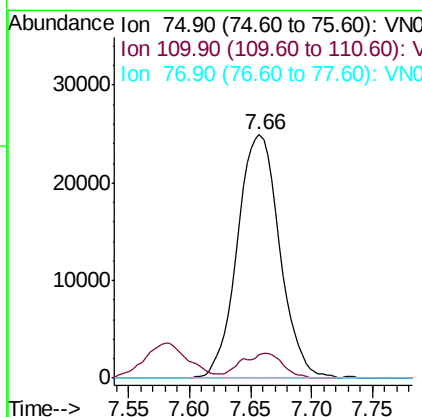
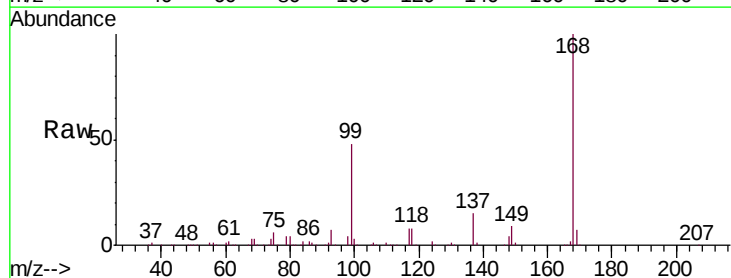
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-A3-(0)

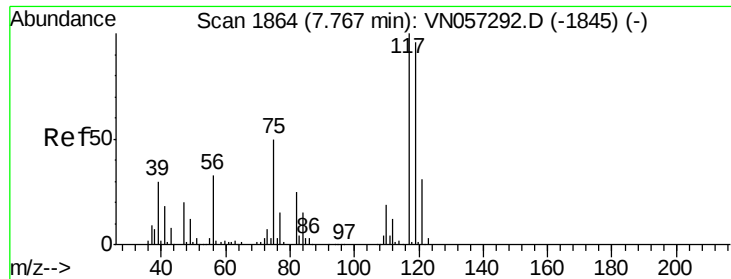
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.1	123.1
192	24.5	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.661 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN057429.D
 Acq: 20 Aug 2019 4:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.5	58.5#
77	0.0	25.0	37.6#

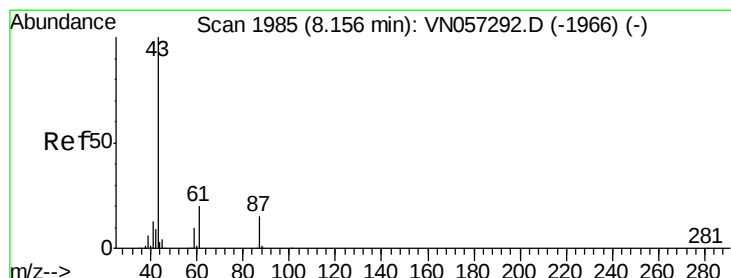
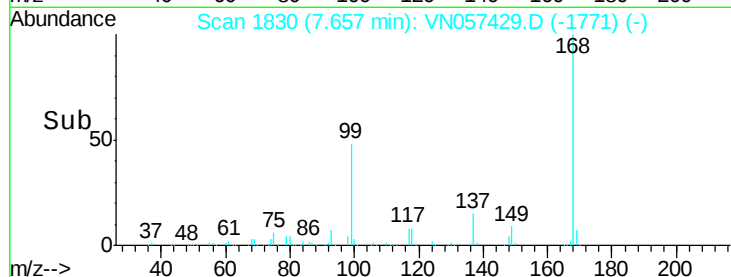
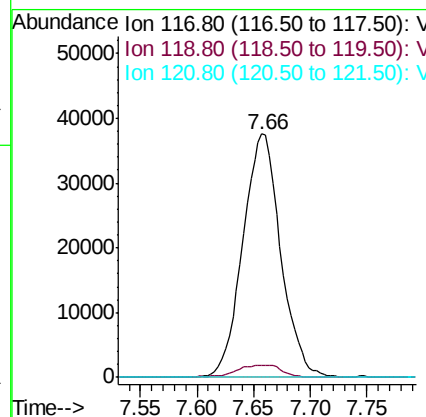
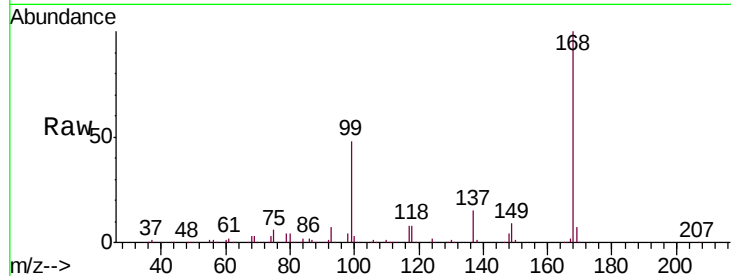




#38
Carbon Tetrachloride
Concen: 6.570 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN057429.D
Acq: 20 Aug 2019 4:03

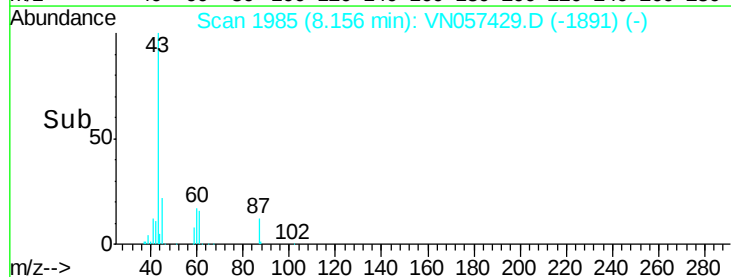
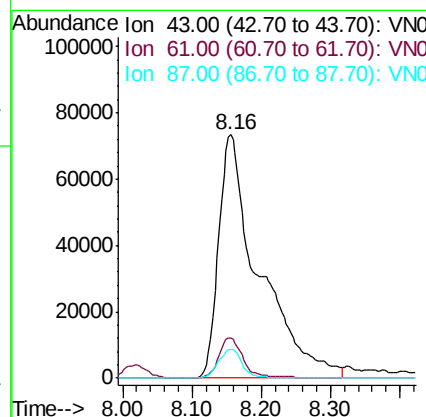
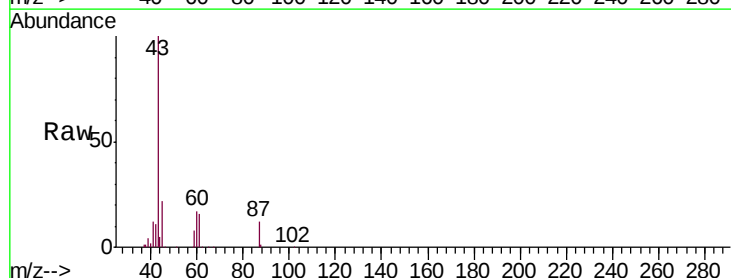
Instrument :
MSVOA_N
ClientSampled :
T6-A3-(0)

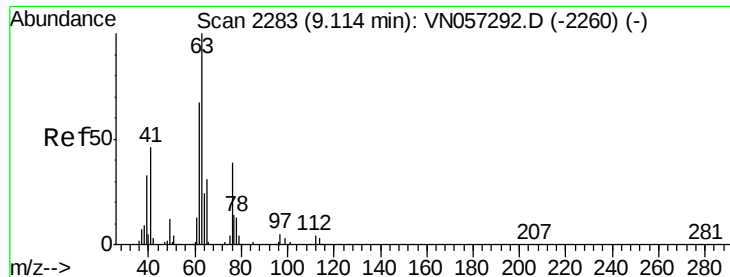
Tgt Ion: 117 Resp: 87452
Ion Ratio Lower Upper
117 100
119 5.1 76.8 115.2#
121 0.0 25.0 37.4#



#43
Isopropyl Acetate
Concen: 14.667 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057429.D
Acq: 20 Aug 2019 4:03

Tgt Ion: 43 Resp: 296714
Ion Ratio Lower Upper
43 100
61 9.7 21.6 32.4#
87 6.8 11.4 17.0#

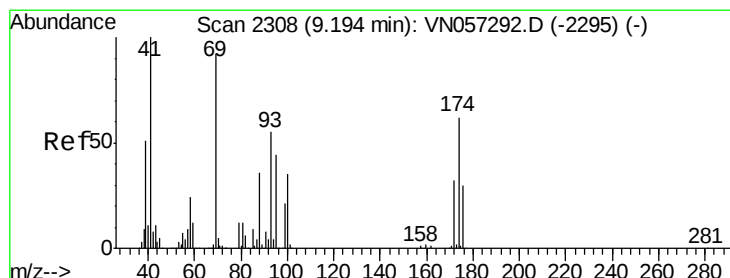
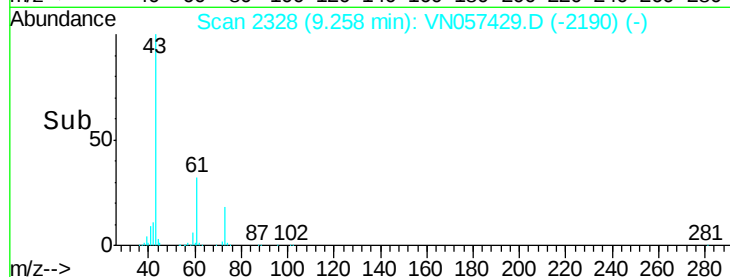
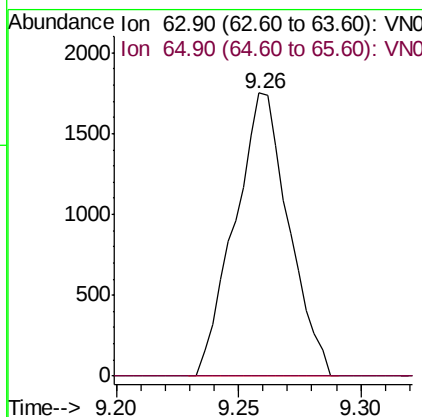
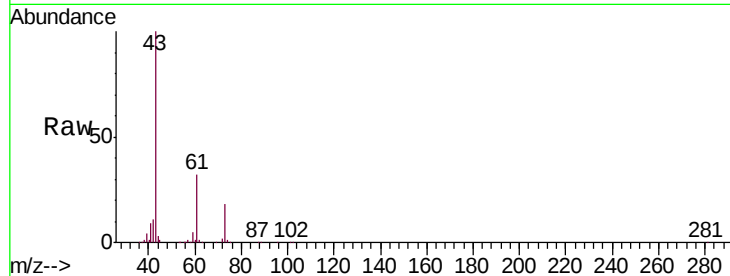




#45
 1,2-Dichloropropane
 Concen: 0.266 ug/l
 RT: 9.26 min Scan# 2328
 Delta R.T. 0.14 min
 Lab File: VN057429.D
 Acq: 20 Aug 2019 4:03

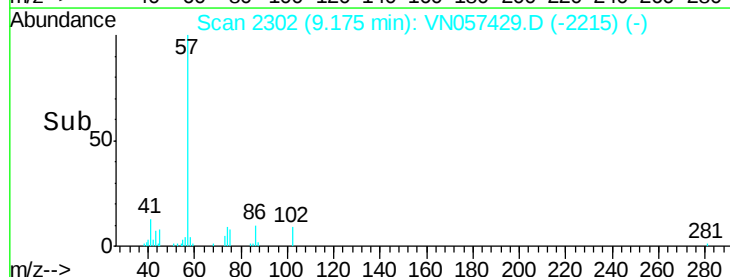
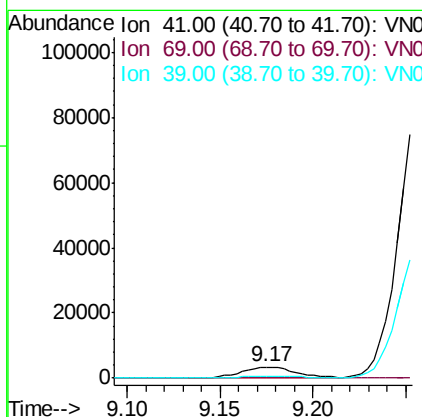
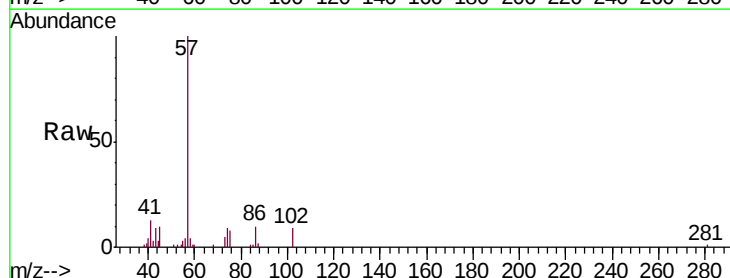
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-A3-(0)

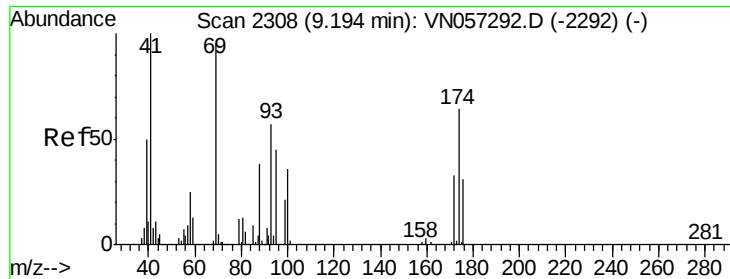
Tgt Ion: 63 Resp: 2682
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.8 37.2#



#48
 Methyl methacrylate
 Concen: 0.816 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: VN057429.D
 Acq: 20 Aug 2019 4:03

Tgt Ion: 41 Resp: 7053
 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: 0.969 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.06 min

Lab File: VN057429.D

Acq: 20 Aug 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

T6-A3-(0)

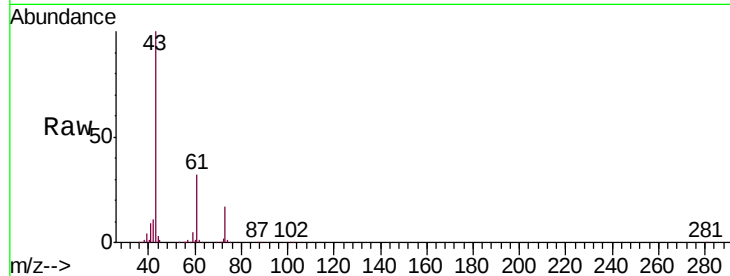
Tgt Ion: 88 Resp: 176

Ion Ratio Lower Upper

88 100

43 1143325.0 22.9 34.3#

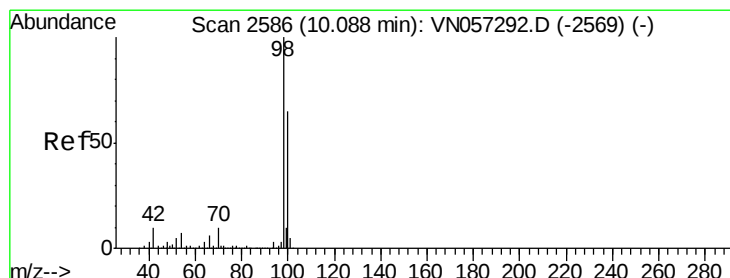
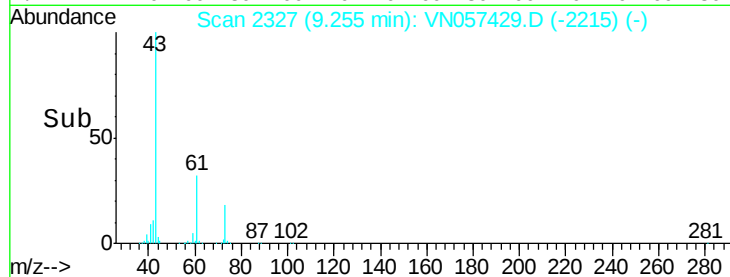
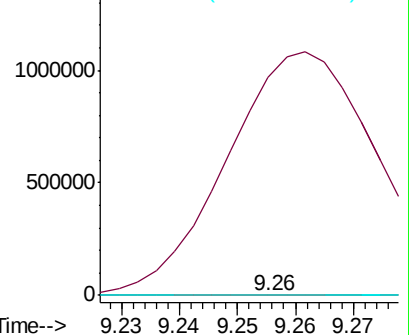
58 5074.4 52.7 79.1#



Abundance Ion 88.00 (87.70 to 88.70): VN057429.D (-2327) (-)

Ion 43.00 (42.70 to 43.70): VN057429.D (-2327) (-)

Ion 58.00 (57.70 to 58.70): VN057429.D (-2327) (-)



#50

Toluene-d8

Concen: 48.242 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057429.D

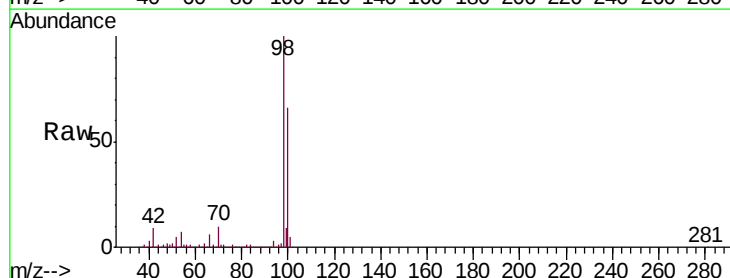
Acq: 20 Aug 2019 4:03

Tgt Ion: 98 Resp: 1678137

Ion Ratio Lower Upper

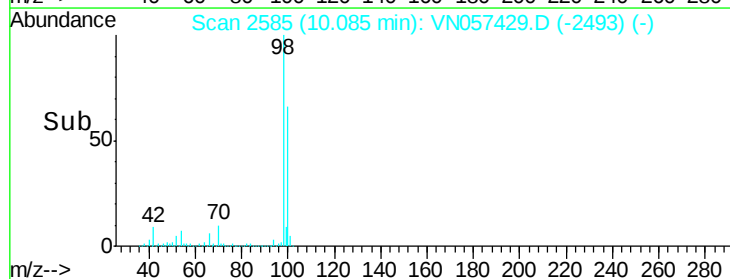
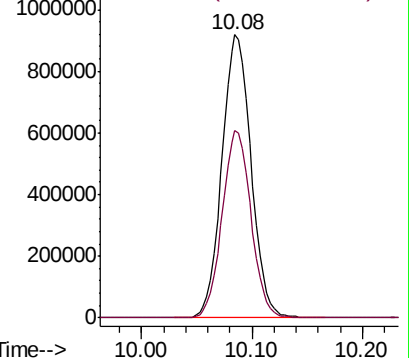
98 100

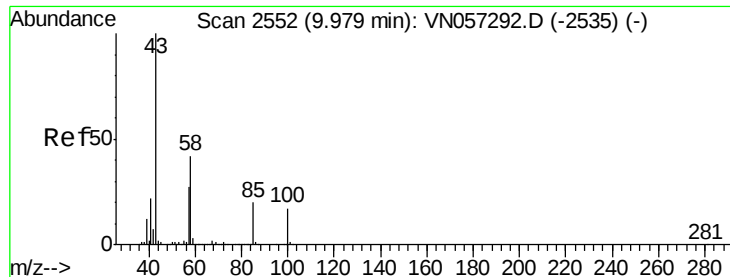
100 65.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN057429.D (-2585) (-)

Ion 100.00 (99.70 to 100.70): VN057429.D (-2585) (-)

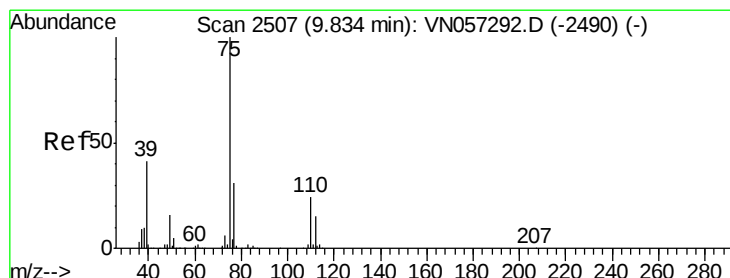
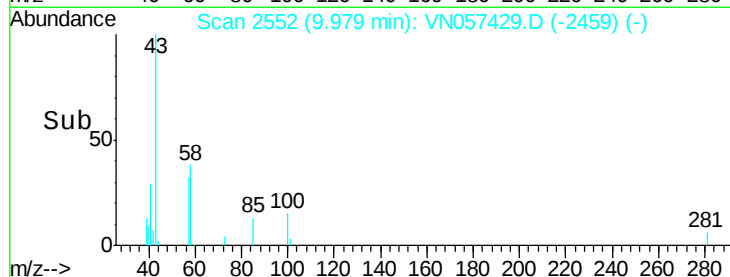
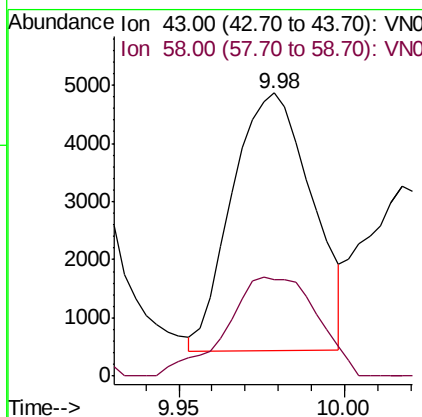
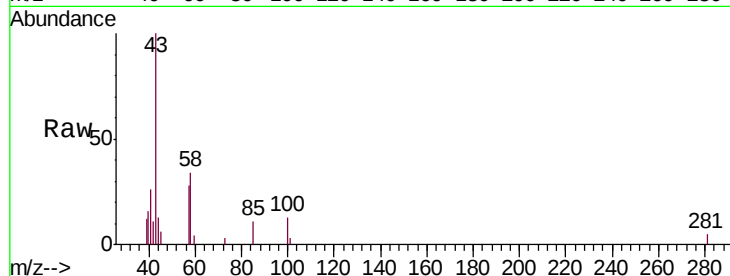




#51
 4-Methyl-2-Pentanone
 Concen: 0.685 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: VN057429.D
 Acq: 20 Aug 2019 4:03

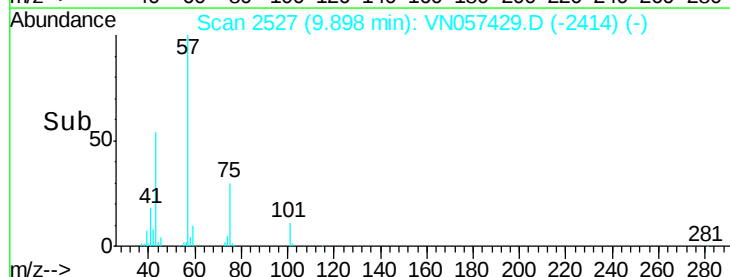
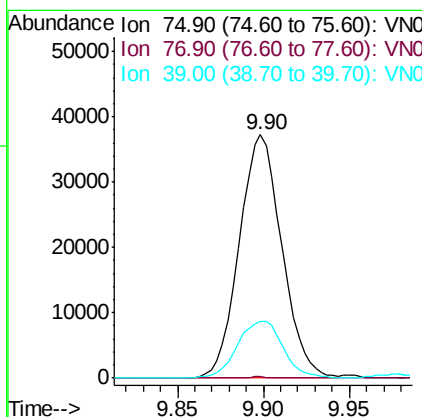
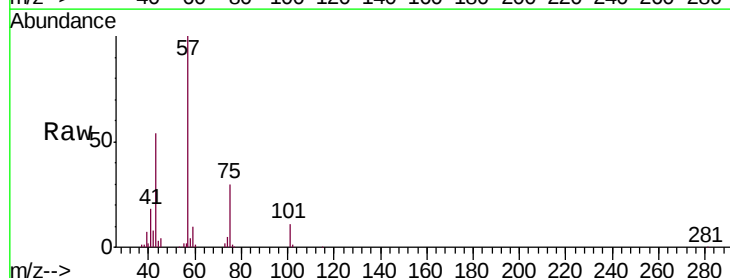
Instrument :
 MSVOA_N
 ClientSampled :
 T6-A3-(0)

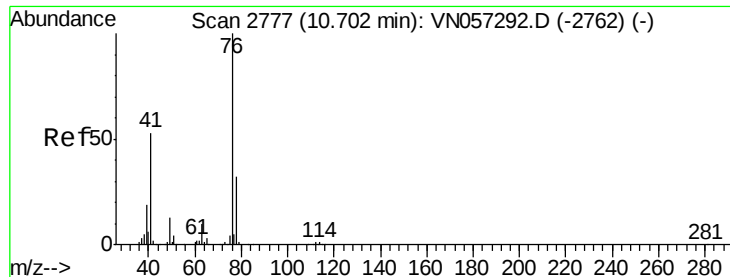
Tgt Ion: 43 Resp: 7417
 Ion Ratio Lower Upper
 43 100
 58 43.6 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.024 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057429.D
 Acq: 20 Aug 2019 4:03

Tgt Ion: 75 Resp: 64078
 Ion Ratio Lower Upper
 75 100
 77 0.5 24.9 37.3#
 39 23.1 32.7 49.1#

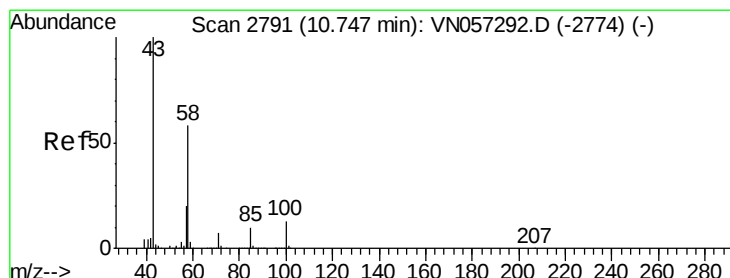
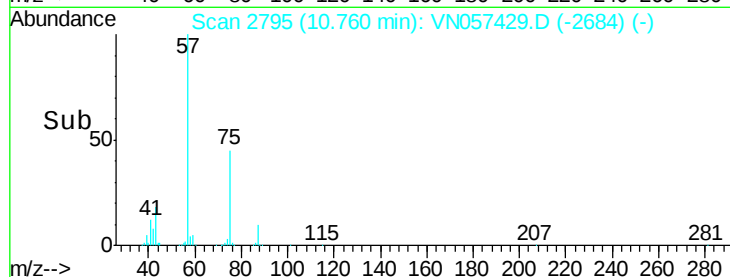
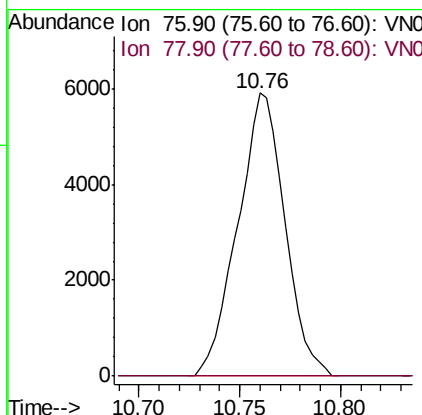
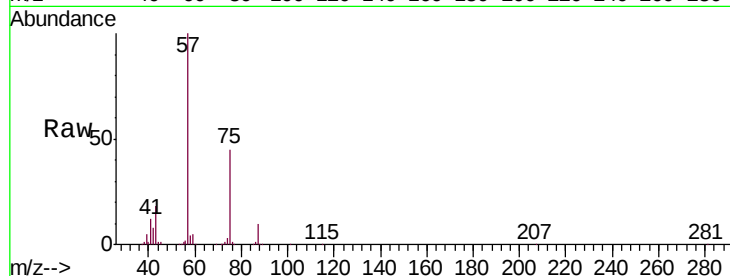




#57
 1,3-Dichloropropane
 Concen: 0.602 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057429.D
 Acq: 20 Aug 2019 4:03

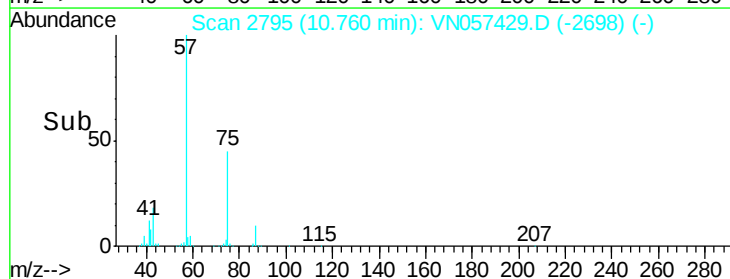
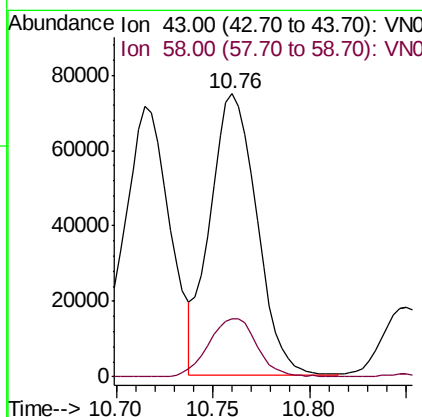
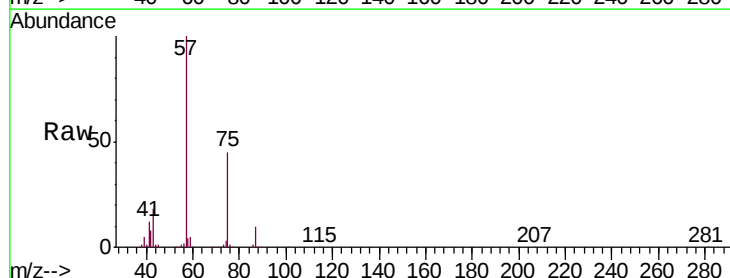
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-A3-(0)

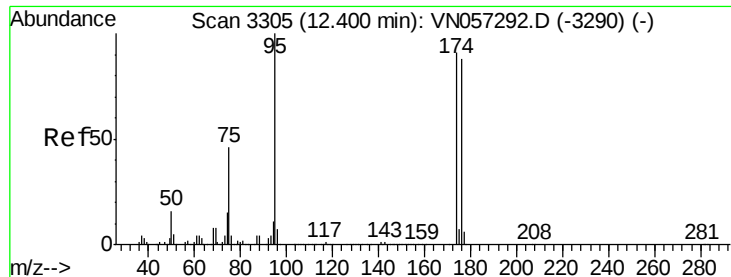
Tgt Ion: 76 Resp: 9651
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 16.137 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057429.D
 Acq: 20 Aug 2019 4:03

Tgt Ion: 43 Resp: 125571
 Ion Ratio Lower Upper
 43 100
 58 21.4 28.6 85.9#





#62

4-Bromofluorobenzene

Concen: 36.924 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN057429.D

Acq: 20 Aug 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

T6-A3-(0)

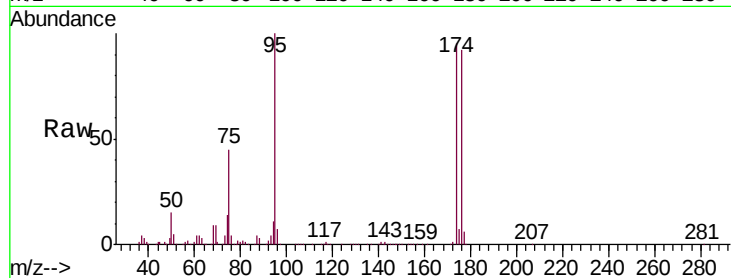
Tgt Ion: 95 Resp: 453902

Ion Ratio Lower Upper

95 100

174 96.6 0.0 185.0

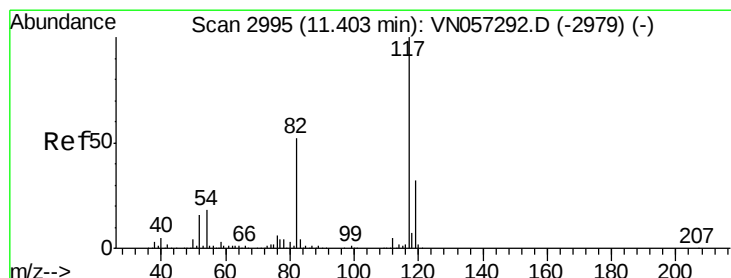
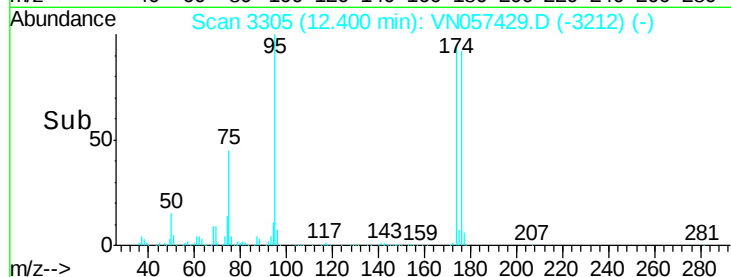
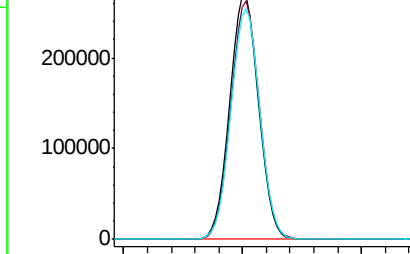
176 94.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VN057429.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN057429.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN057429.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057429.D

Acq: 20 Aug 2019 4:03

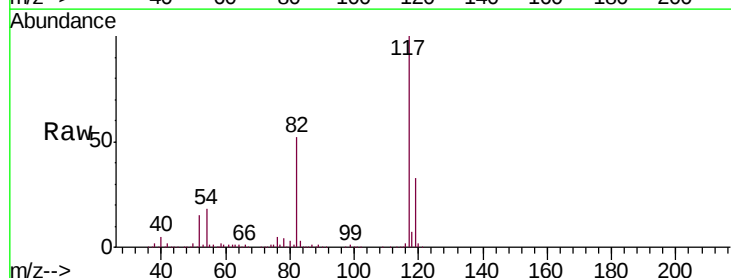
Tgt Ion: 117 Resp: 1226342

Ion Ratio Lower Upper

117 100

82 51.8 41.2 61.8

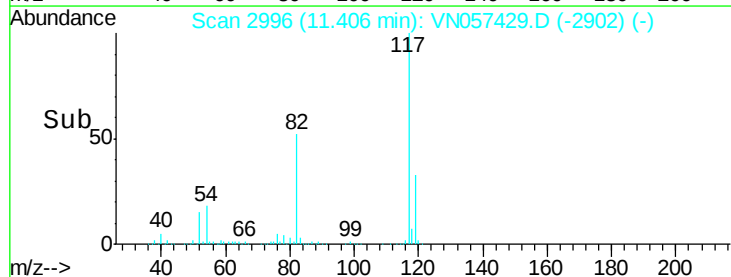
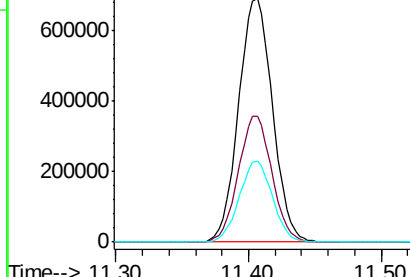
119 33.1 25.8 38.8

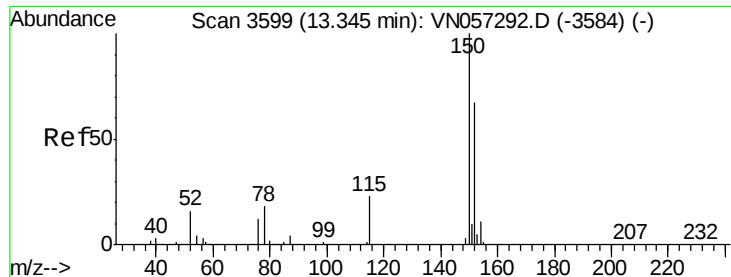


Abundance Ion 116.90 (116.60 to 117.60): VN057429.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN057429.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN057429.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057429.D

Acq: 20 Aug 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

T6-A3-(0)

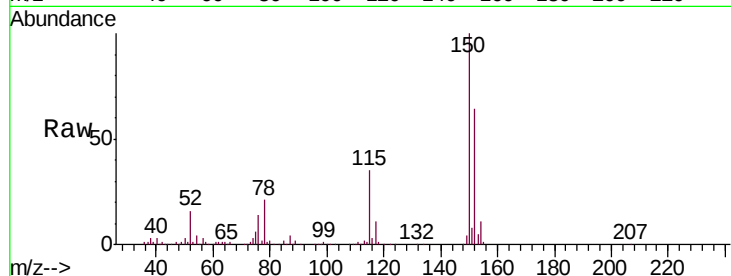
Tgt Ion:152 Resp: 325299

Ion Ratio Lower Upper

152 100

115 55.0 27.3 81.9

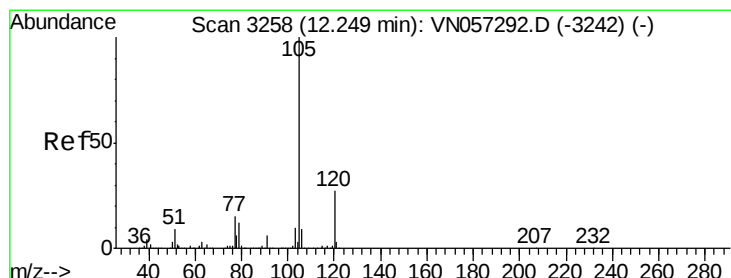
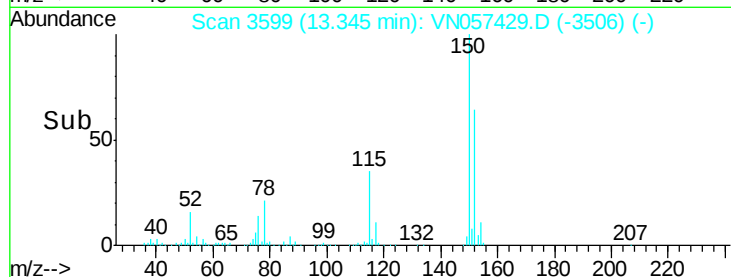
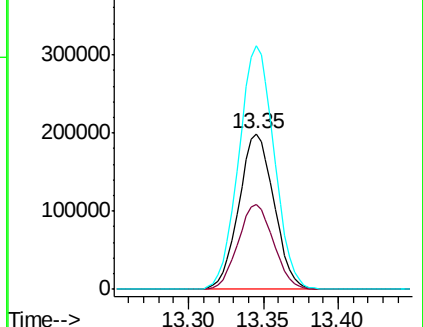
150 157.9 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. 0.15 min

Lab File: VN057429.D

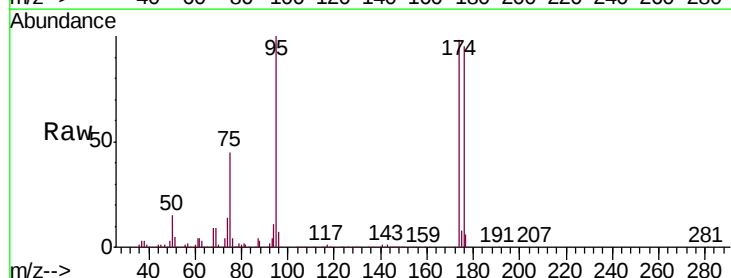
Acq: 20 Aug 2019 4:03

Tgt Ion:105 Resp: 533

Ion Ratio Lower Upper

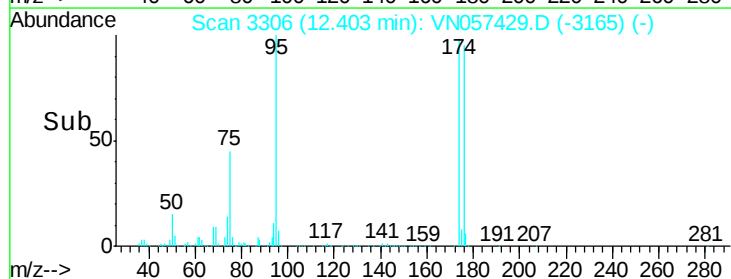
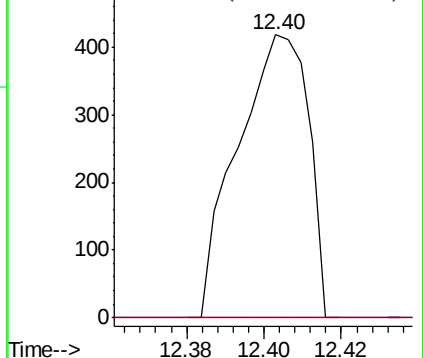
105 100

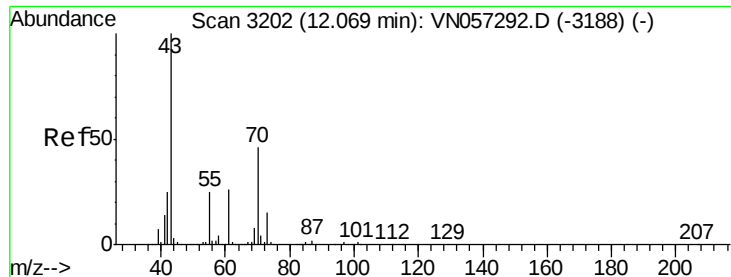
120 0.0 13.2 39.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.354 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057429.D

Acq: 20 Aug 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

T6-A3-(0)

Tgt Ion: 43 Resp: 3341

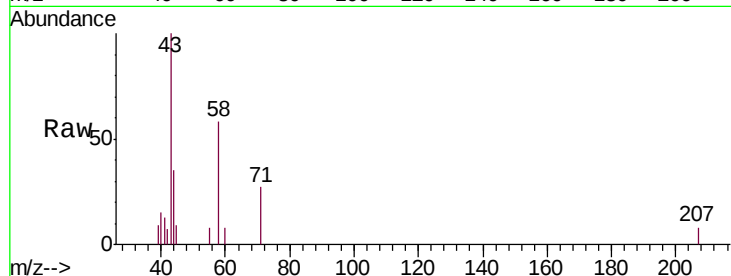
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 6.8 20.1 30.1#

61 0.0 20.9 31.3#

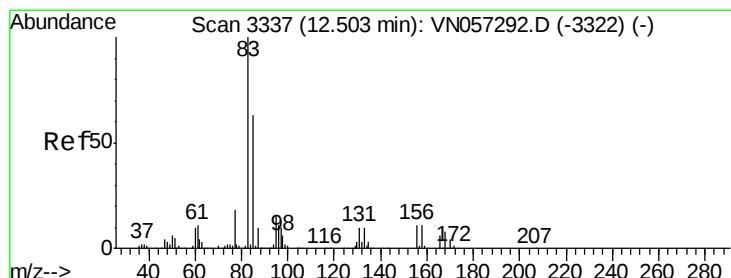
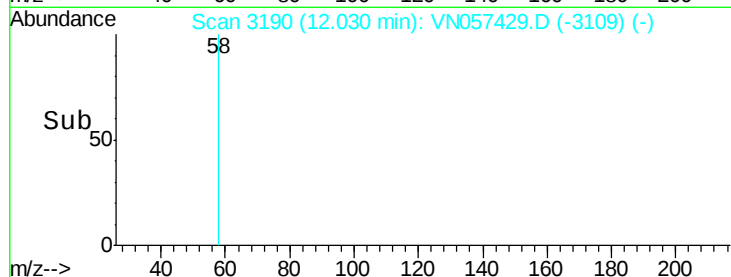
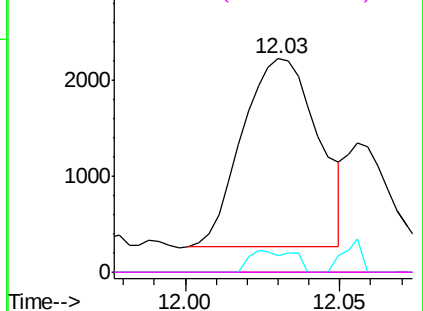


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.10 min

Lab File: VN057429.D

Acq: 20 Aug 2019 4:03

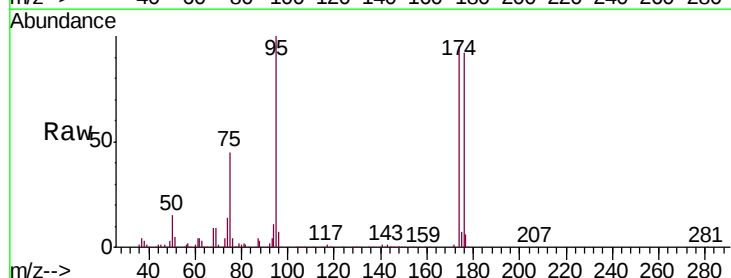
Tgt Ion: 83 Resp: 111

Ion Ratio Lower Upper

83 100

131 473.9 5.4 16.2#

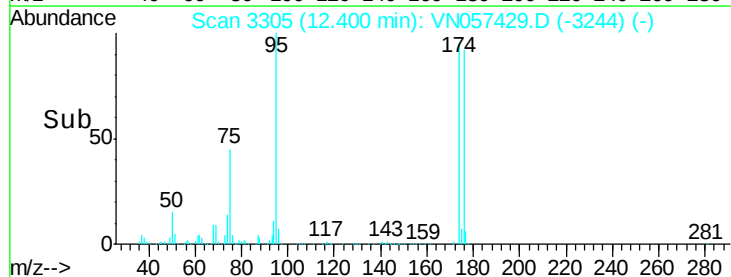
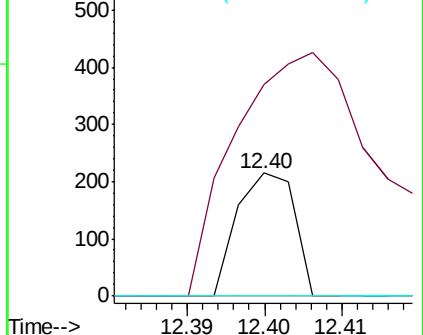
85 0.0 32.3 96.9#

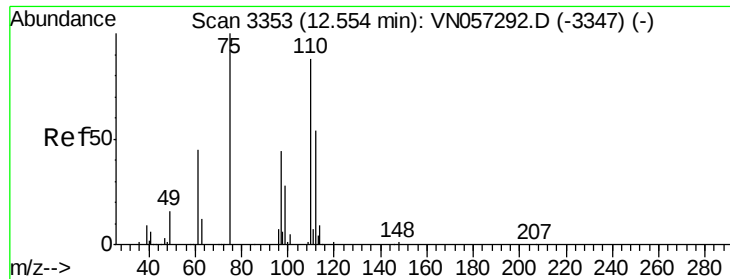


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 31.612 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057429.D

Acq: 20 Aug 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

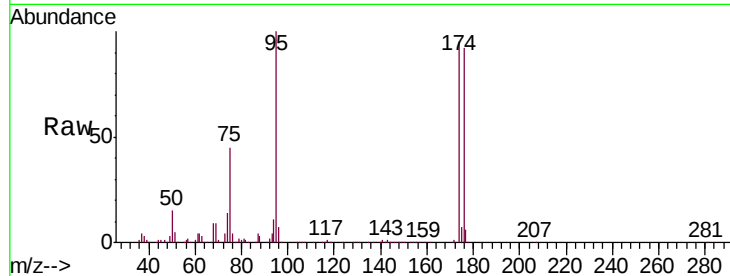
T6-A3-(0)

Tgt Ion: 75 Resp: 206876

Ion Ratio Lower Upper

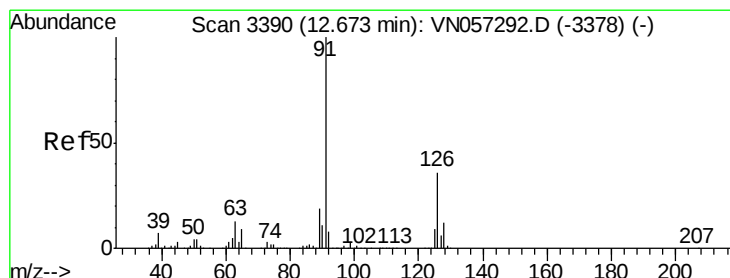
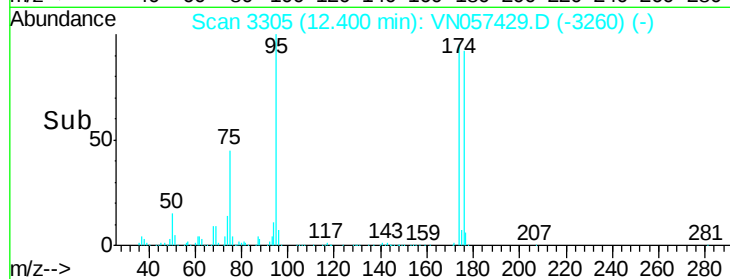
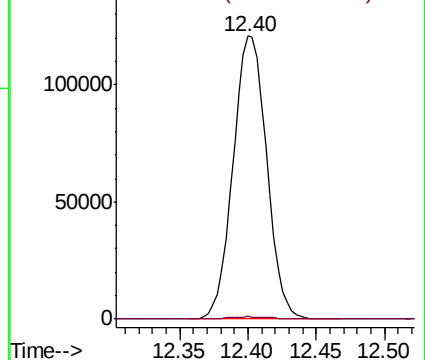
75 100

77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.60 min Scan# 3366

Delta R.T. -0.08 min

Lab File: VN057429.D

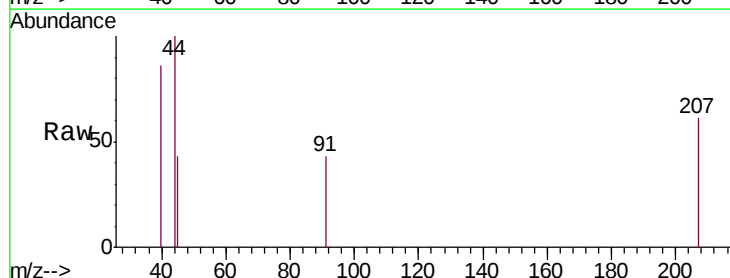
Acq: 20 Aug 2019 4:03

Tgt Ion: 91 Resp: 189

Ion Ratio Lower Upper

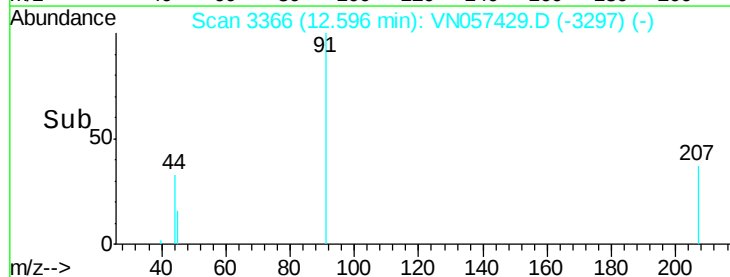
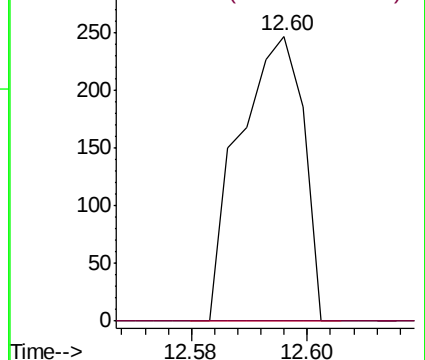
91 100

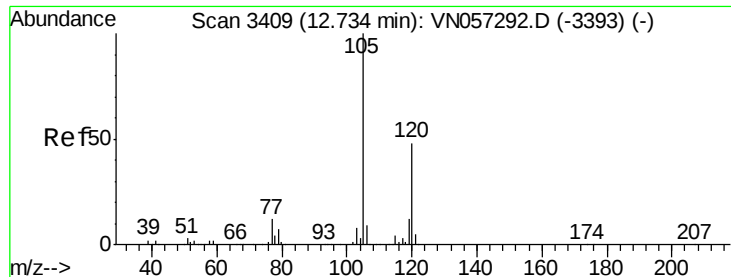
126 0.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

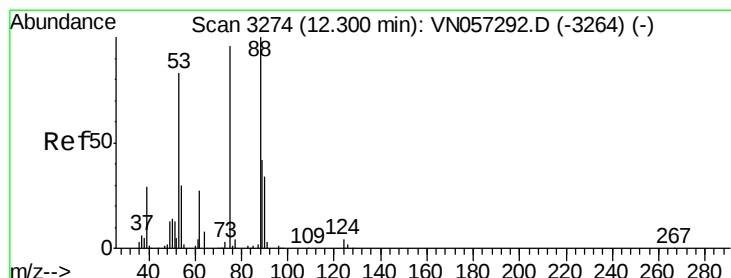
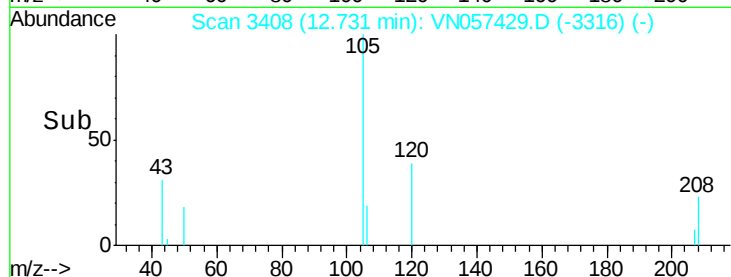
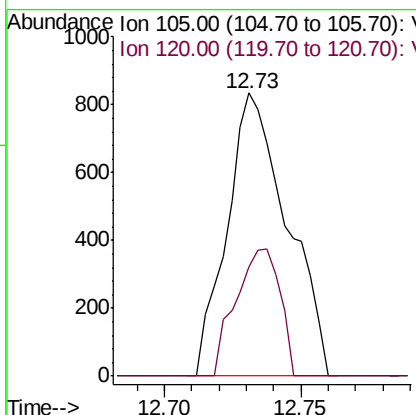
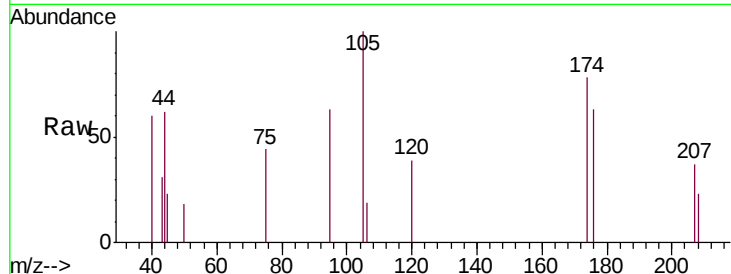




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN057429.D
 Acq: 20 Aug 2019 4:03

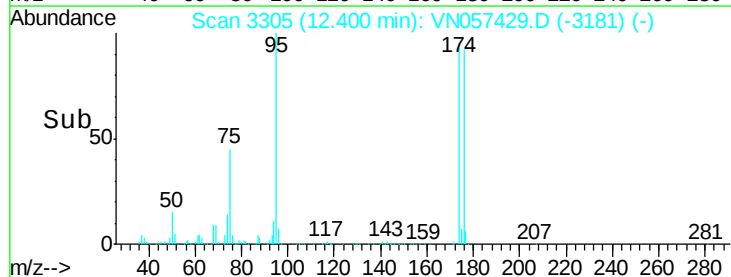
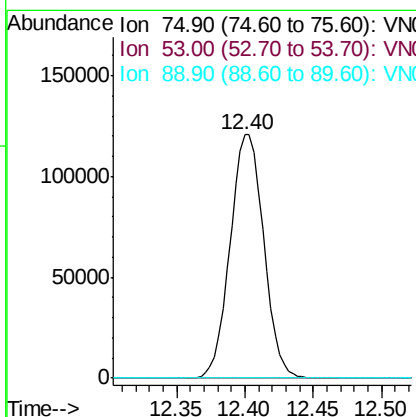
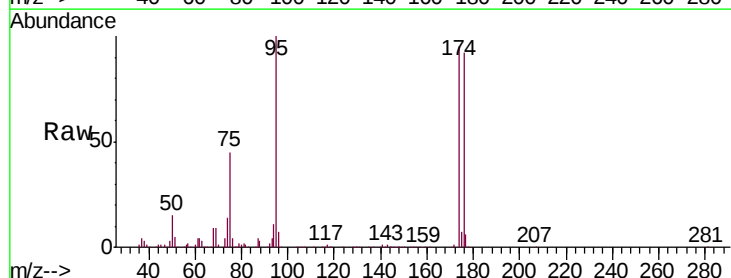
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-A3-(0)

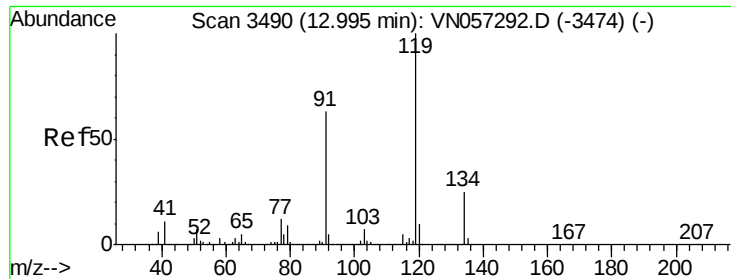
Tgt Ion: 105 Resp: 1278
 Ion Ratio Lower Upper
 105 100
 120 32.8 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.547 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN057429.D
 Acq: 20 Aug 2019 4:03

Tgt Ion: 75 Resp: 206876
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.9 101.9#
 89 0.0 36.2 54.4#

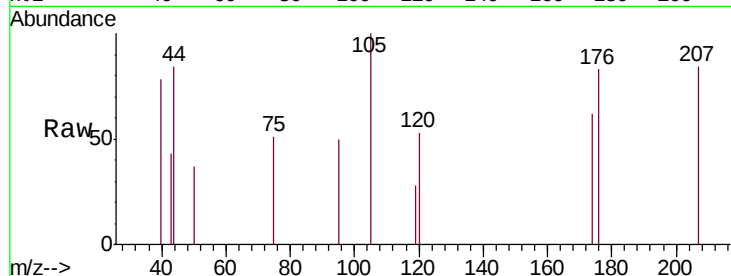




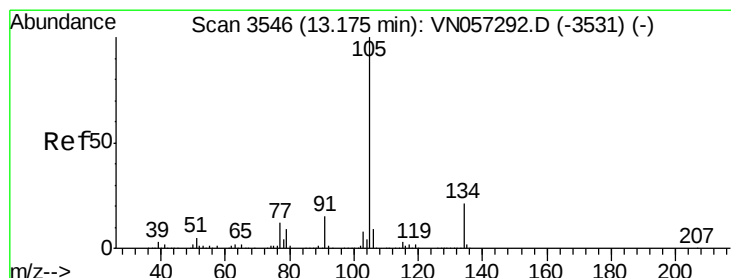
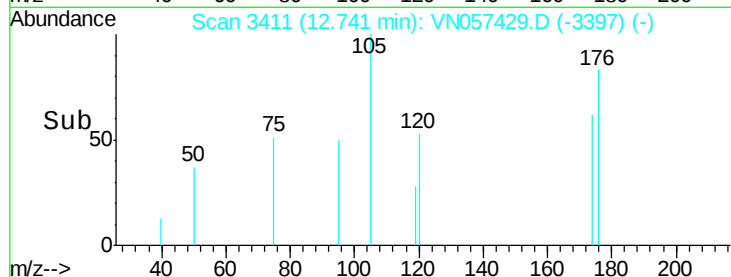
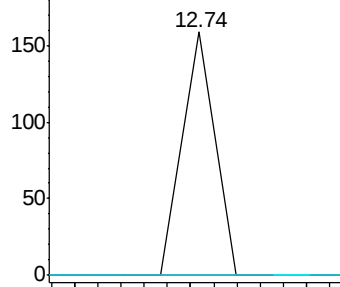
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.74 min Scan# 3411
Delta R.T. -0.25 min
Lab File: VN057429.D
Acq: 20 Aug 2019 4:03

Instrument :
MSVOA_N
ClientSampled :
T6-A3-(0)

Tgt Ion:119 Resp: 31
Ion Ratio Lower Upper
119 100
91 0.0 31.3 93.8#
134 0.0 13.1 39.1#

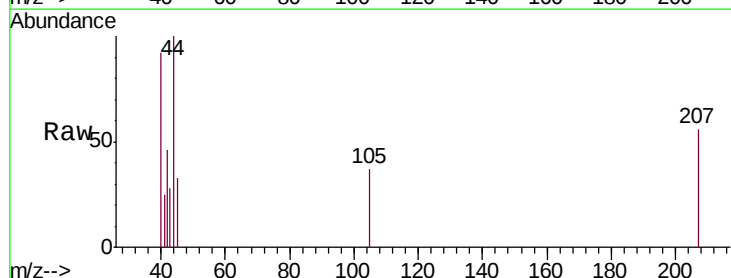


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

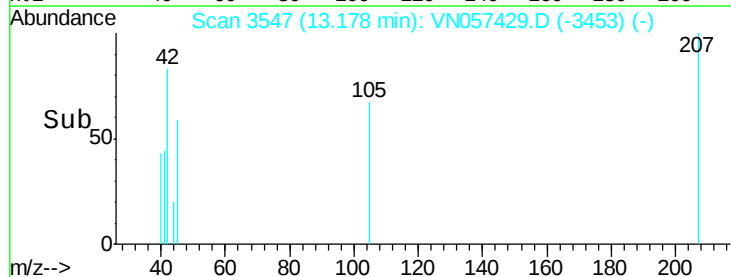
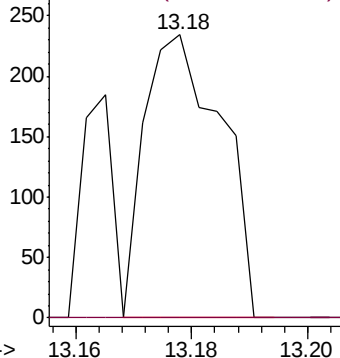


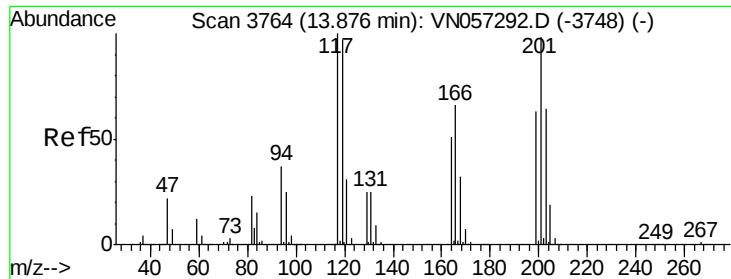
#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.18 min Scan# 3547
Delta R.T. 0.00 min
Lab File: VN057429.D
Acq: 20 Aug 2019 4:03

Tgt Ion:105 Resp: 215
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.63 min Scan# 3689

Delta R.T. -0.24 min

Lab File: VN057429.D

Acq: 20 Aug 2019 4:03

Instrument :

MSVOA_N

ClientSampled :

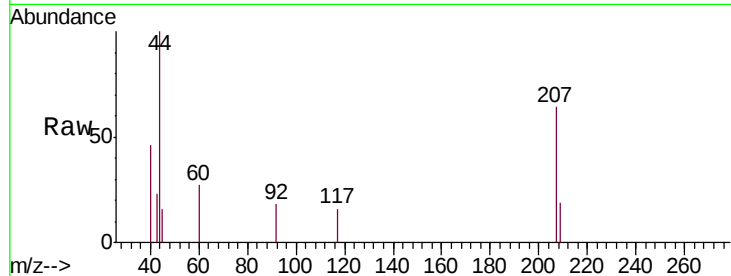
T6-A3-(0)

Tgt Ion:117 Resp: 29

Ion Ratio Lower Upper

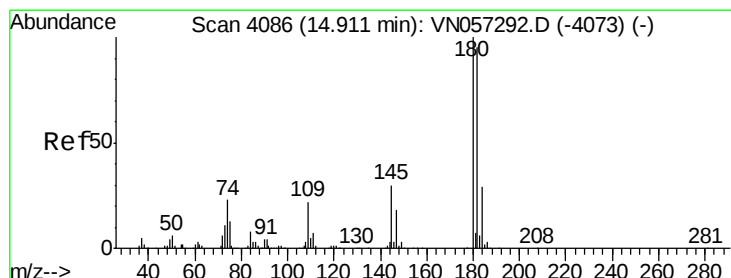
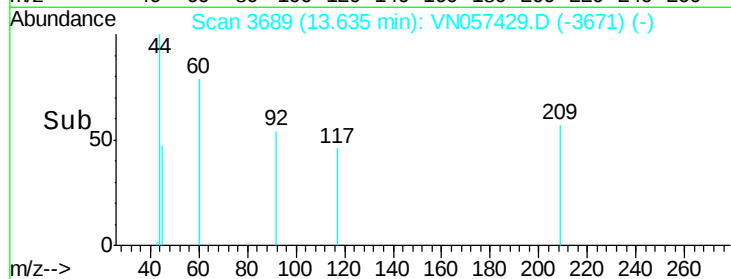
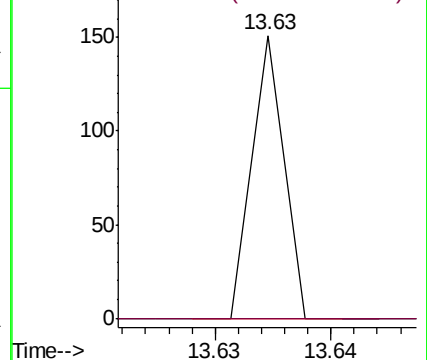
117 100

201 0.0 48.4 145.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 5.376 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN057429.D

Acq: 20 Aug 2019 4:03

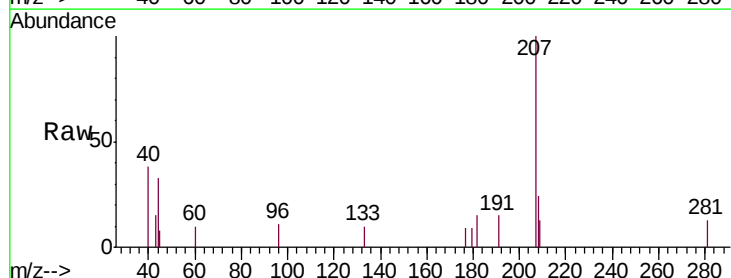
Tgt Ion:180 Resp: 97

Ion Ratio Lower Upper

180 100

182 209.3 48.0 144.2#

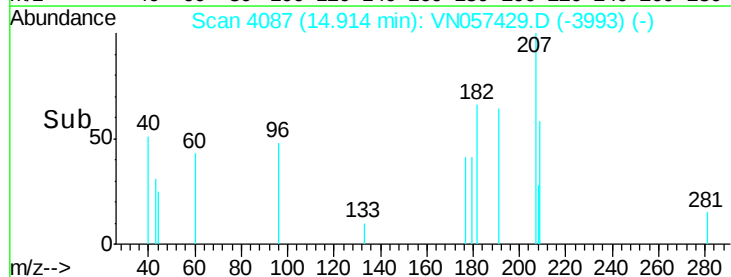
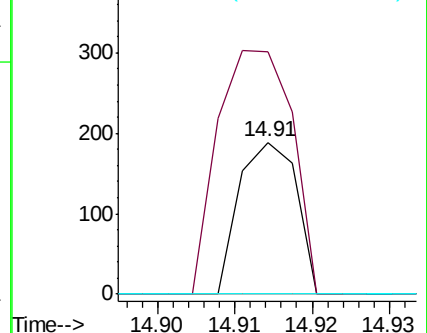
145 0.0 14.5 43.6#

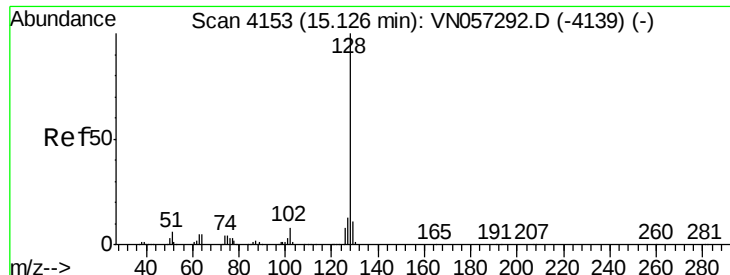


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

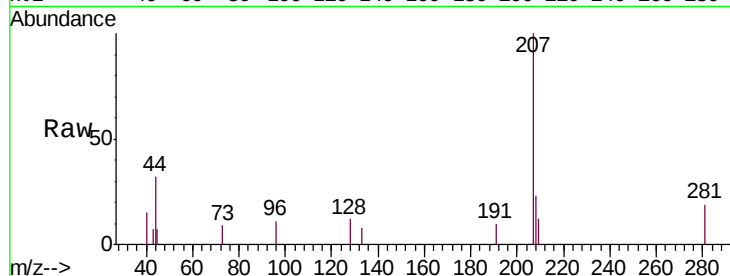




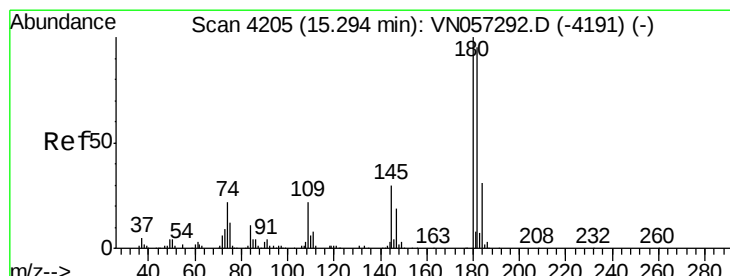
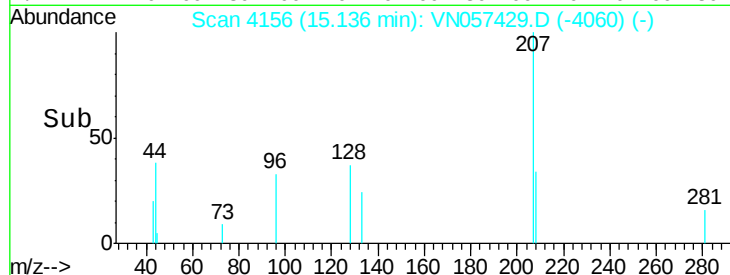
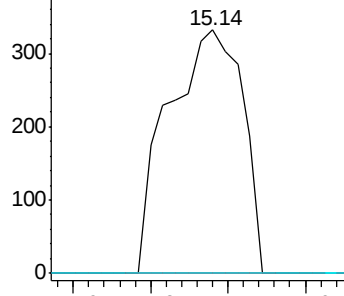
#95
Naphthalene
Concen: Below Cal
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN057429.D
Acq: 20 Aug 2019 4:03

Instrument :
MSVOA_N
ClientSampleId :
T6-A3-(0)

Tgt Ion:128 Resp: 445
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.8 13.2#

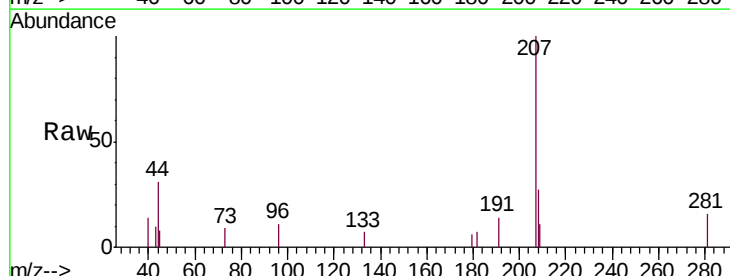


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 15.29 min Scan# 4205
Delta R.T. -0.00 min
Lab File: VN057429.D
Acq: 20 Aug 2019 4:03

Tgt Ion:180 Resp: 32
Ion Ratio Lower Upper
180 100
182 318.8 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

