

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057533.D
 Acq On : 27 Aug 2019 1:02
 Operator : JC/SP
 Sample : K4493-38
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K2-(1.9)

Quant Time: Aug 27 07:21:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	378126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	677998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	554358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	132498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	329074	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
35) Dibromofluoromethane	7.58	113	213307	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
50) Toluene-d8	10.08	98	859227	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.40	95	229429	39.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.20%	
Target Compounds						
8) Diethyl Ether	3.39	74	1480	Below Cal	Qvalue	70
9) 1,1,2-Trichlorotrifluoroet	3.71	101	65	Below Cal	#	49
13) Acrolein	3.60	56	372	0.512	ug/l #	1
16) Acetone	3.79	43	8437	2.762	ug/l #	89
18) Methyl Acetate	4.31	43	21768	2.394	ug/l	98
20) Methylene Chloride	4.52	84	10088	2.156	ug/l	96
25) 2-Butanone	6.83	43	890	0.268	ug/l #	53
29) Tetrahydrofuran	7.21	42	501	0.229	ug/l #	59
31) Cyclohexane	7.65	56	11200	1.199	ug/l #	6
36) 1,1-Dichloropropene	7.65	75	37630	5.432	ug/l #	51
38) Carbon Tetrachloride	7.65	117	40821	5.931	ug/l #	16
43) Isopropyl Acetate	8.16	43	83557	6.657	ug/l	99
46) Dibromomethane	9.29	93	29	Below Cal	#	1
48) Methyl methacrylate	9.18	41	4546	0.762	ug/l #	15
49) 1,4-Dioxane	9.28	88	65	0.842	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6309	0.902	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	37052	4.112	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	4940	0.586	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.70	63	61	17.091	ug/l #	52
59) 2-Hexanone	10.76	43	83955	17.497	ug/l #	53
73) Isopropylbenzene	12.41	105	213	Below Cal	#	50
74) N-amyl acetate	12.04	43	4148	Below Cal	#	54
75) 1,1,2,2-Tetrachloroethane	12.50	83	34	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	135061	45.734	ug/l #	100
78) n-propylbenzene	12.60	91	181	Below Cal	#	55
79) 2-Chlorotoluene	12.68	91	61	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.74	105	640	Below Cal	#	60
81) trans-1,4-Dichloro-2-buten	12.40	75	135061	117.124	ug/l #	8
82) 4-Chlorotoluene	12.78	91	33	Below Cal	#	45
85) sec-Butylbenzene	13.18	105	63	Below Cal	#	58
92) 1,2-Dibromo-3-Chloropropan	14.30	75	31	Below Cal	#	11
95) Naphthalene	15.13	128	264	4.385	ug/l #	69

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QLast Update : Fri Aug 23 05:07:29 2019
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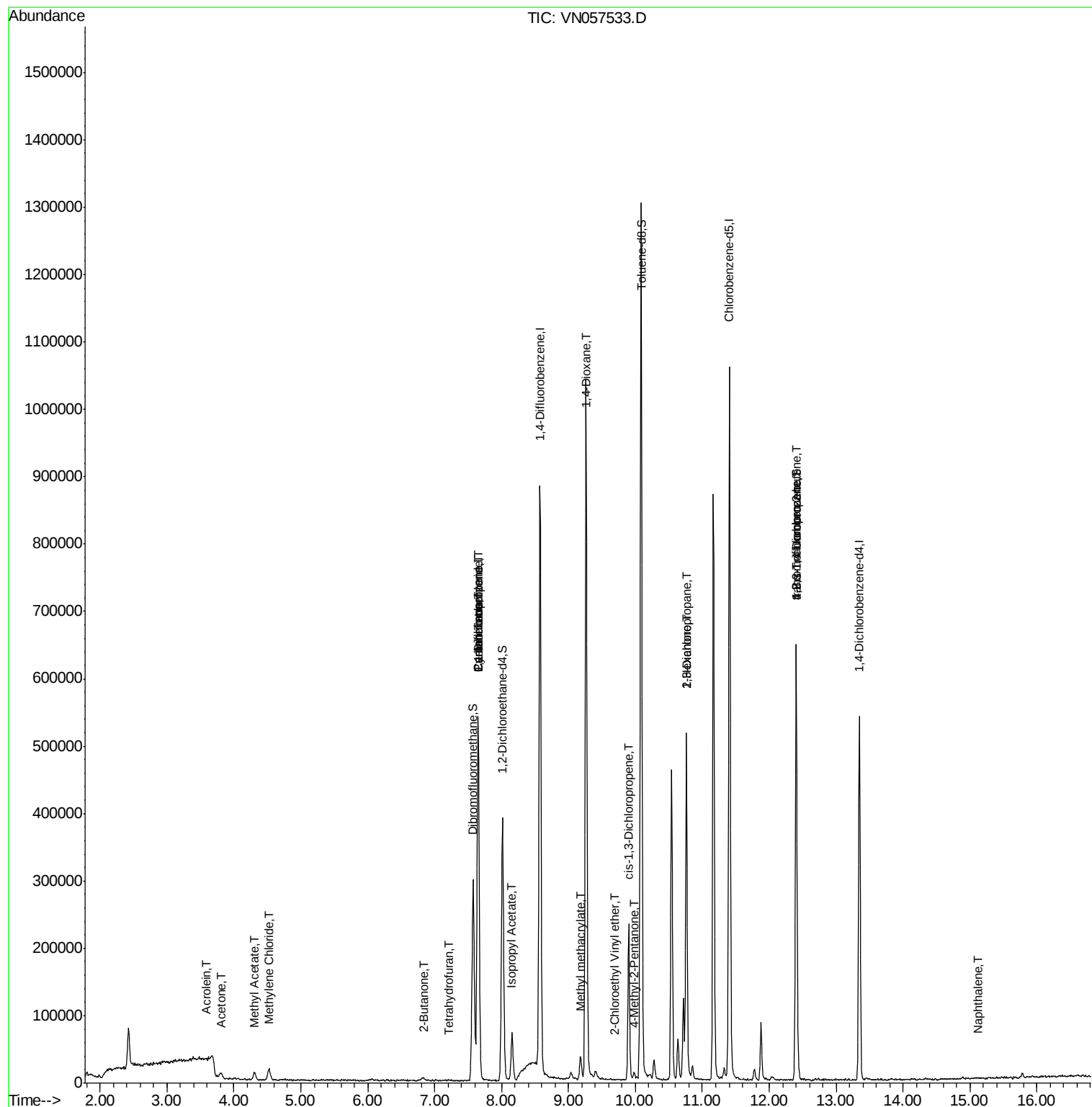
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

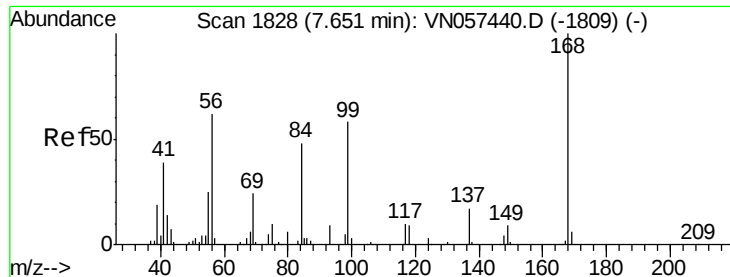
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
Data File : VN057533.D
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Operator : JC/SP
Sample : K4493-38
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057533.D

Acq: 27 Aug 2019 1:02

Instrument :

MSVOA_N

ClientSampleId :

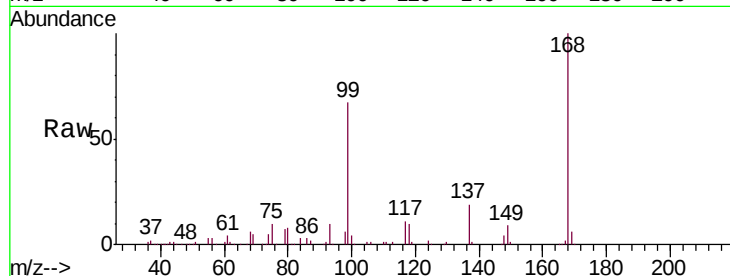
T9-12-13-K2-(1.9)

Tgt Ion:168 Resp: 378126

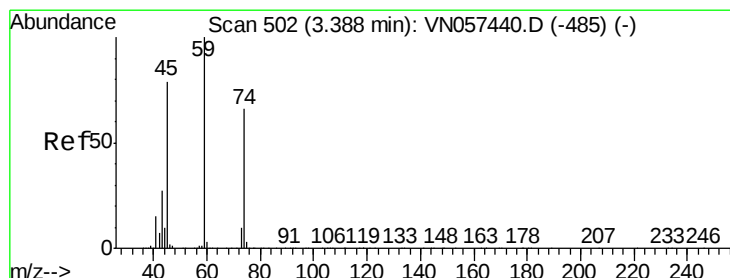
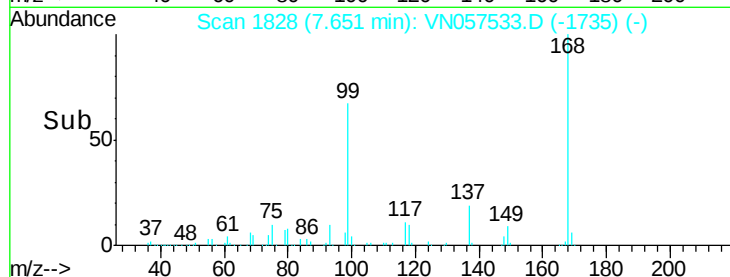
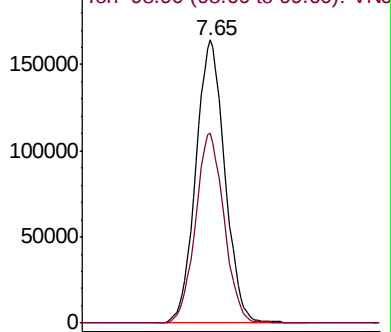
Ion Ratio Lower Upper

168 100

99 66.9 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057440.D (-1809) (-)



#8

Diethyl Ether

Concen: Below Cal

RT: 3.39 min Scan# 502

Delta R.T. 0.00 min

Lab File: VN057533.D

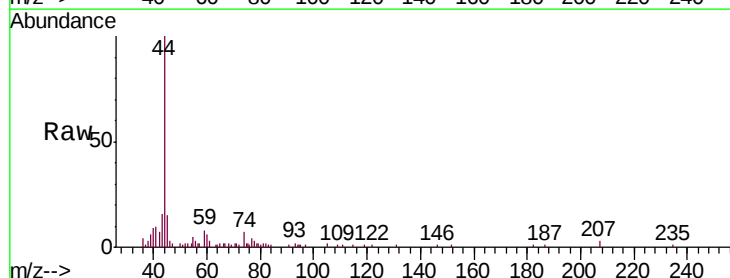
Acq: 27 Aug 2019 1:02

Tgt Ion: 74 Resp: 1480

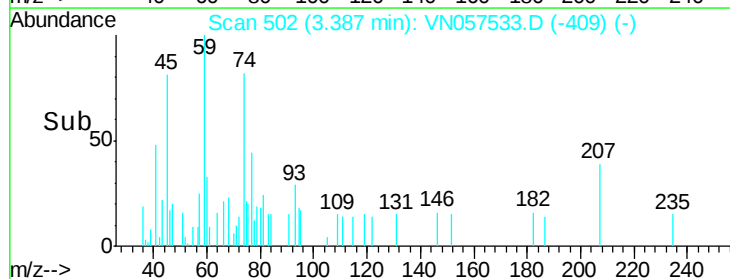
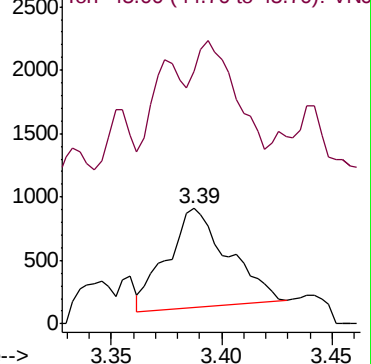
Ion Ratio Lower Upper

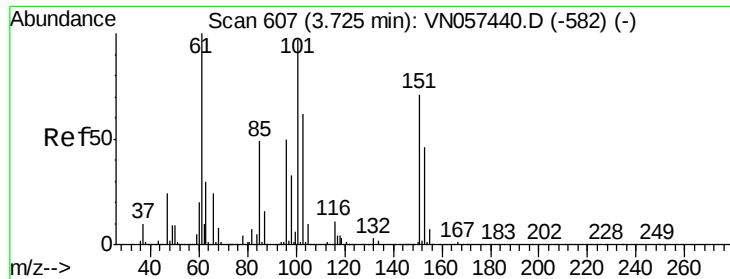
74 100

45 83.6 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN057440.D (-485) (-)





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.71 min Scan# 603

Delta R.T. -0.01 min

Lab File: VN057533.D

Acq: 27 Aug 2019 1:02

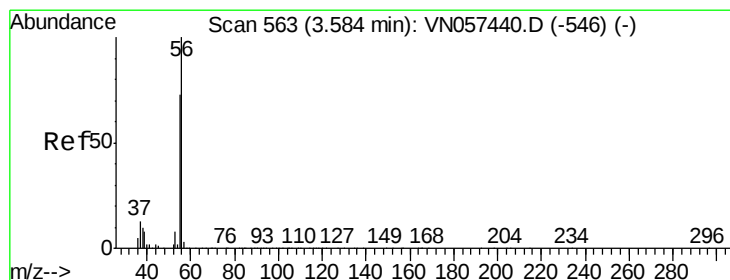
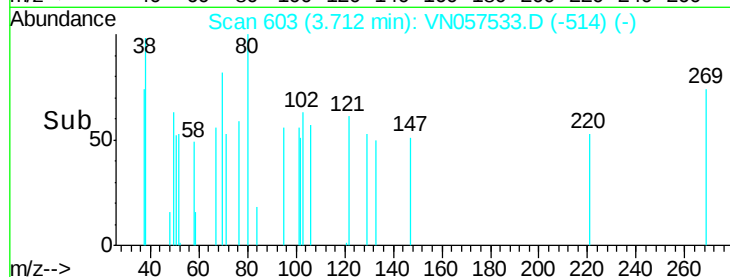
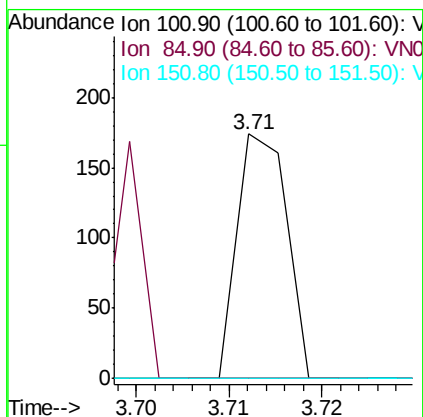
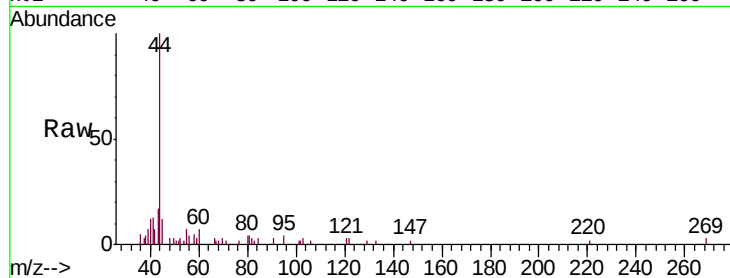
Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K2-(1.9)

Tgt Ion:	101	Resp:	65
Ion Ratio	Lower	Upper	
101	100		
85	50.8	40.0	60.0
151	0.0	57.0	85.6#



#13

Acrolein

Concen: 0.512 ug/l

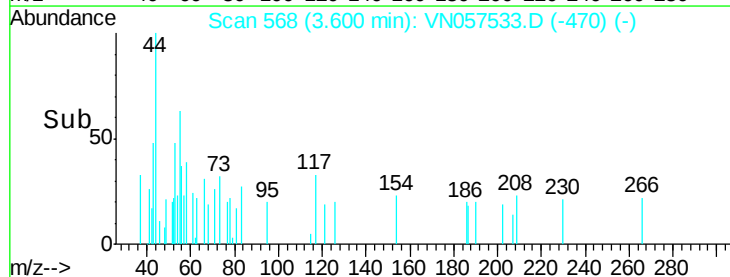
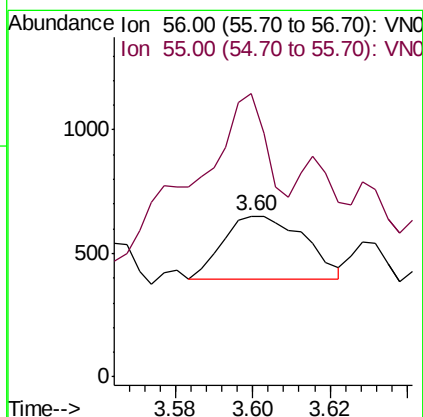
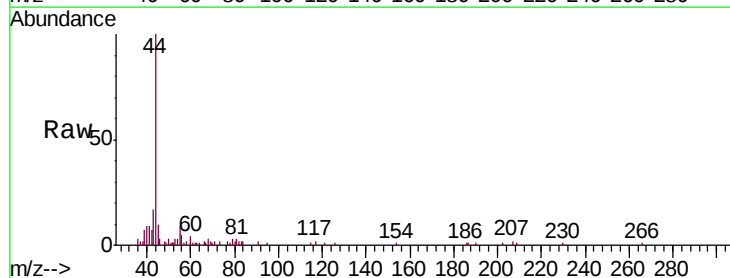
RT: 3.60 min Scan# 568

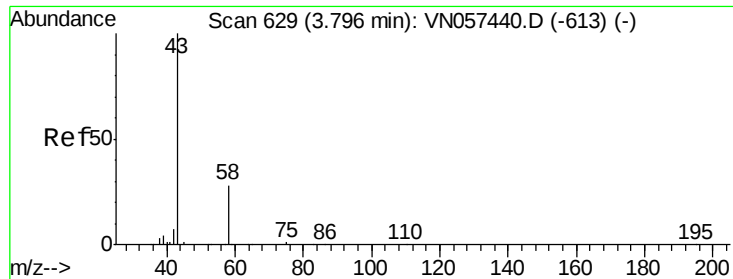
Delta R.T. 0.02 min

Lab File: VN057533.D

Acq: 27 Aug 2019 1:02

Tgt Ion:	56	Resp:	372
Ion Ratio	Lower	Upper	
56	100		
55	231.7	59.0	88.4#





#16

Acetone

Concen: 2.762 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN057533.D

Acq: 27 Aug 2019 1:02

Instrument :

MSVOA_N

ClientSampleId :

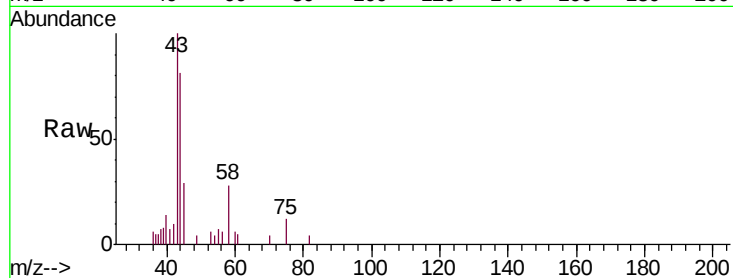
T9-12-13-K2-(1.9)

Tgt Ion: 43 Resp: 8437

Ion Ratio Lower Upper

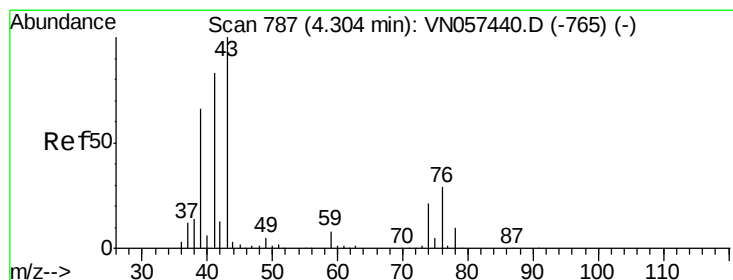
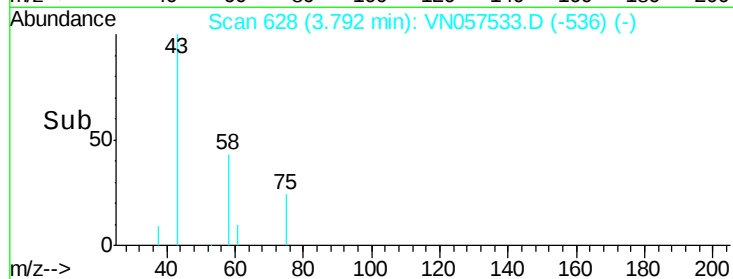
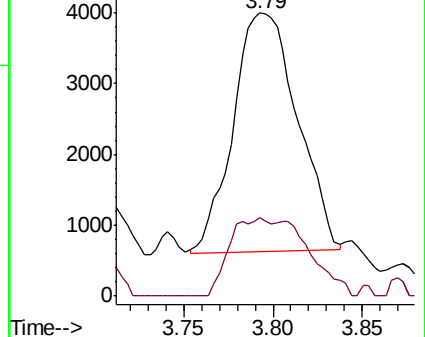
43 100

58 33.2 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-613) (-)

Ion 58.00 (57.70 to 58.70): VN057440.D (-613) (-)



#18

Methyl Acetate

Concen: 2.394 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN057533.D

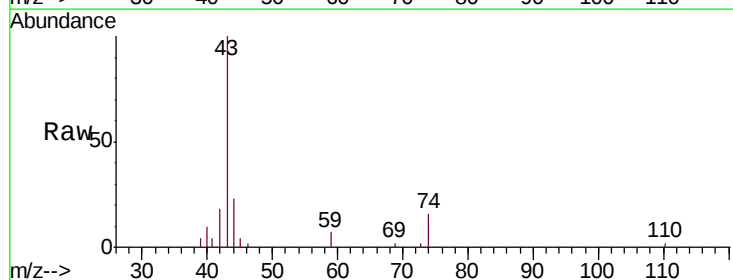
Acq: 27 Aug 2019 1:02

Tgt Ion: 43 Resp: 21768

Ion Ratio Lower Upper

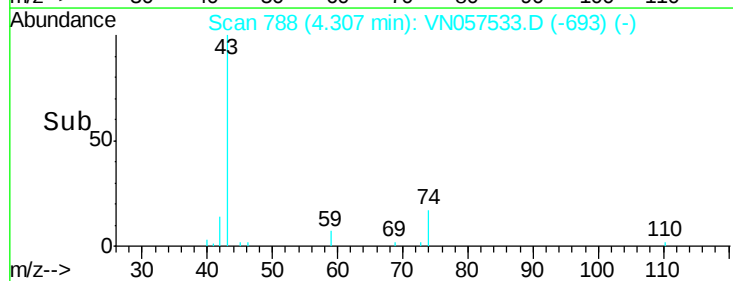
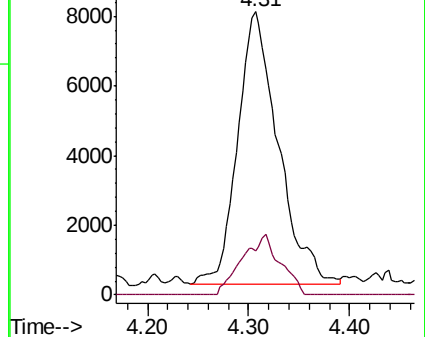
43 100

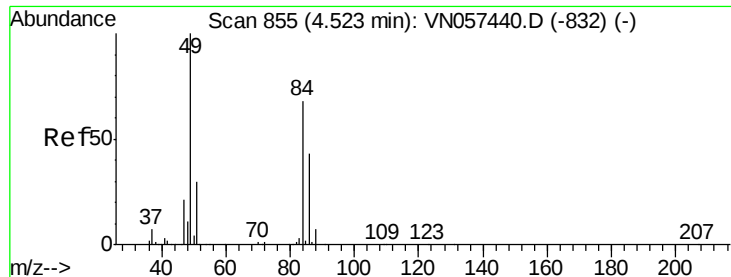
74 20.8 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-765) (-)

Ion 74.00 (73.70 to 74.70): VN057440.D (-765) (-)

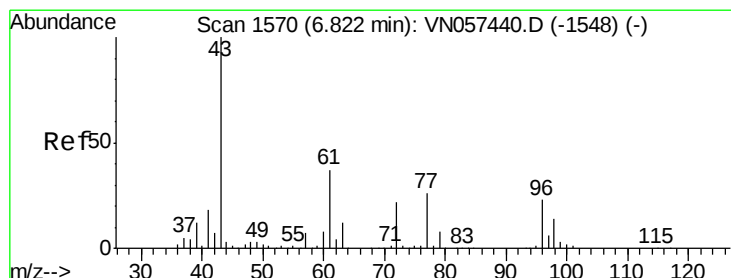
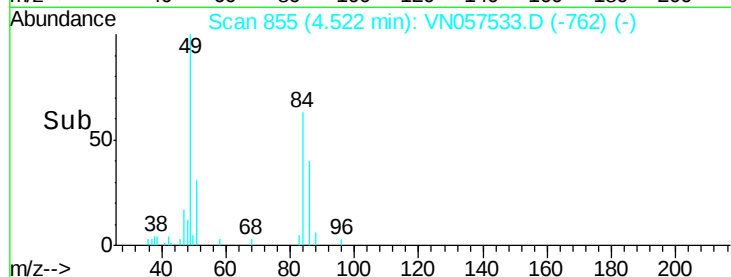
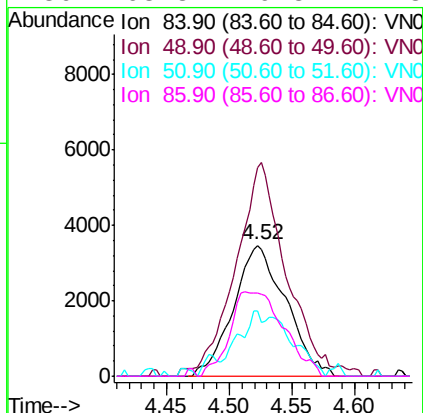
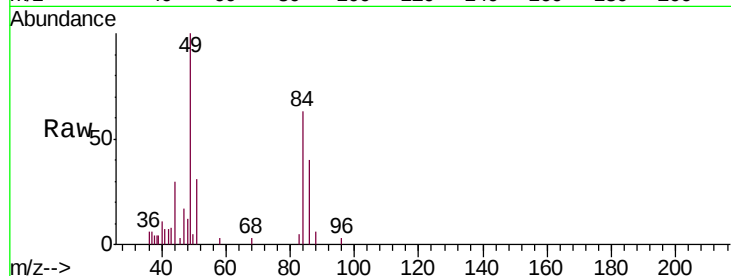




#20
Methylene Chloride
Concen: 2.156 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN057533.D
Acq: 27 Aug 2019 1:02

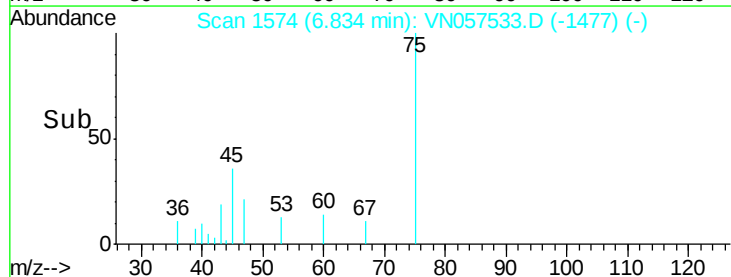
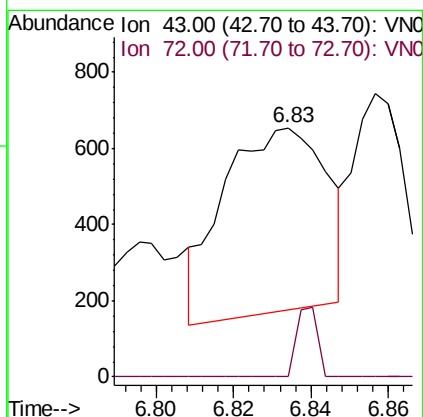
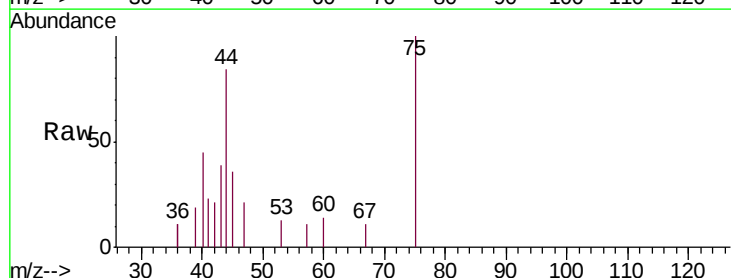
Instrument :
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T9-12-13-K2-(1.9)

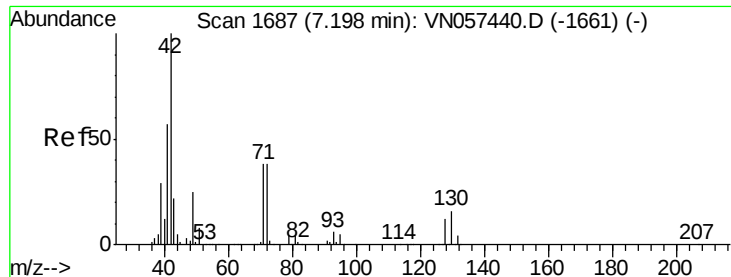
Tgt Ion: 84 Resp: 10088
Ion Ratio Lower Upper
84 100
49 153.6 117.0 175.4
51 44.4 35.5 53.3
86 63.3 49.8 74.8



#25
2-Butanone
Concen: 0.268 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VN057533.D
Acq: 27 Aug 2019 1:02

Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.8#

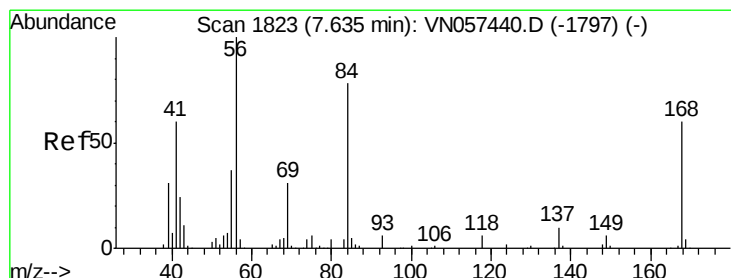
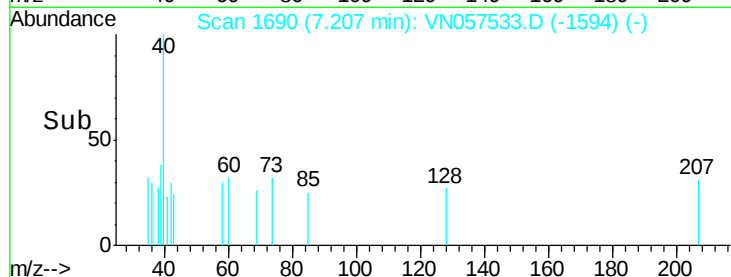
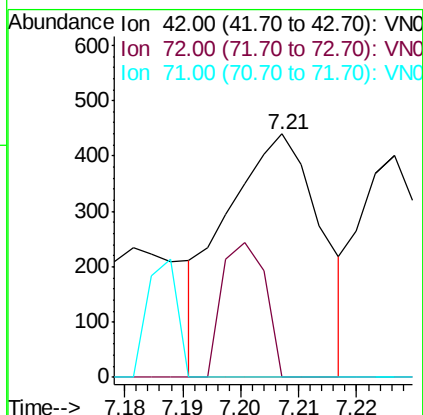
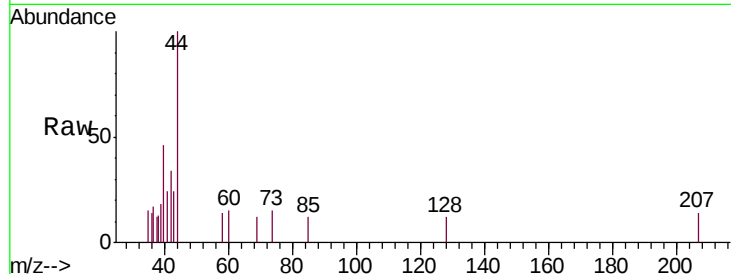




#29
Tetrahydrofuran
Concen: 0.229 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN057533.D
Acq: 27 Aug 2019 1:02

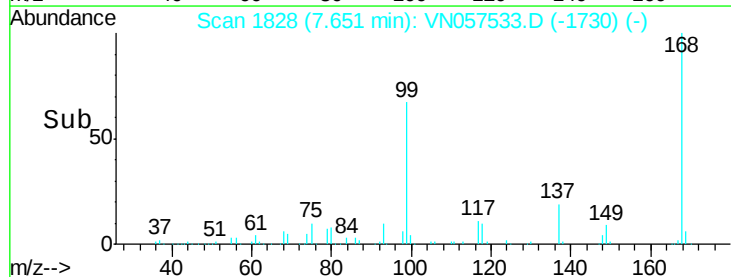
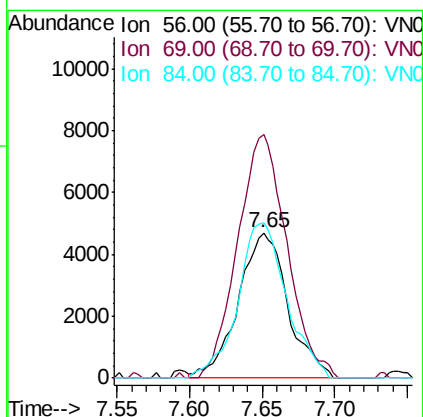
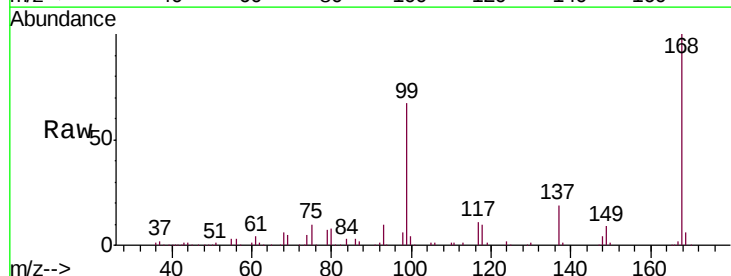
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ClientSampled :
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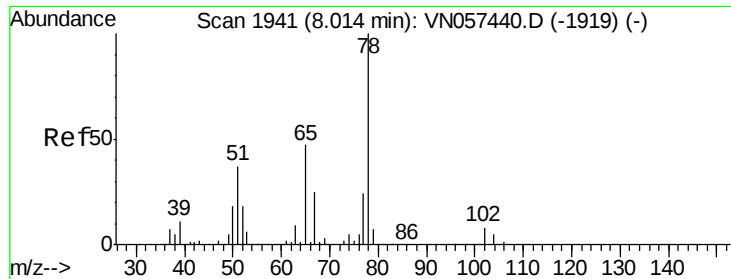
Tgt Ion: 42 Resp: 501
Ion Ratio Lower Upper
42 100
72 25.1 30.1 45.1#
71 0.0 28.8 43.2#



#31
Cyclohexane
Concen: 1.199 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN057533.D
Acq: 27 Aug 2019 1:02

Tgt Ion: 56 Resp: 11200
Ion Ratio Lower Upper
56 100
69 167.7 25.0 37.6#
84 107.0 62.5 93.7#

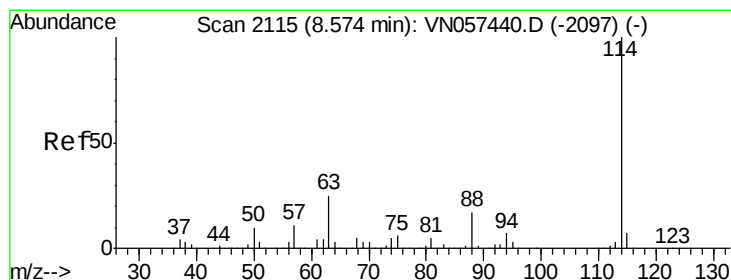
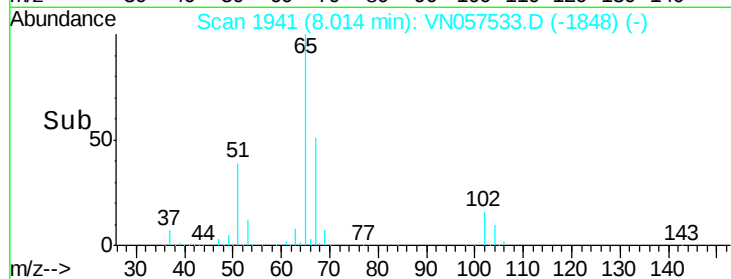
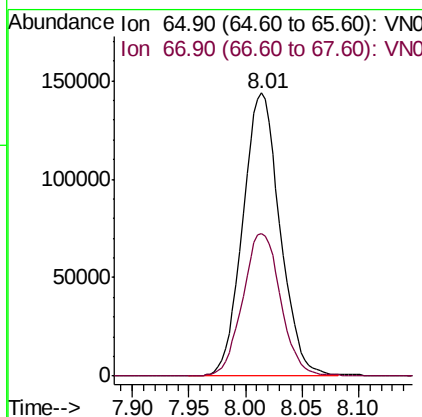
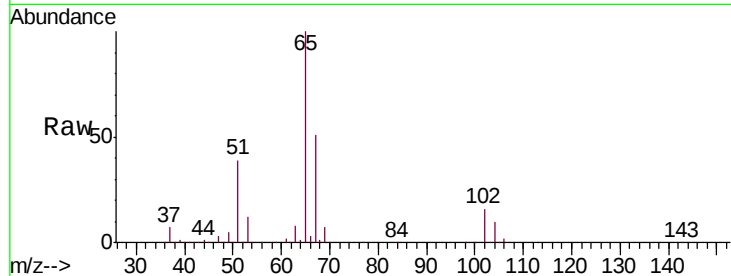




#33
 1,2-Dichloroethane-d4
 Concen: 49.472 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057533.D
 Acq: 27 Aug 2019 1:02

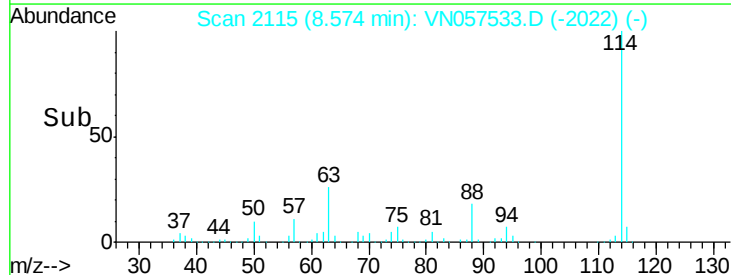
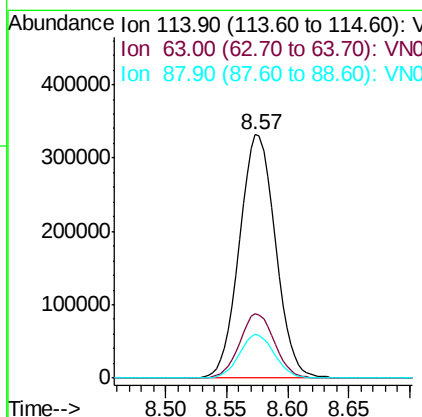
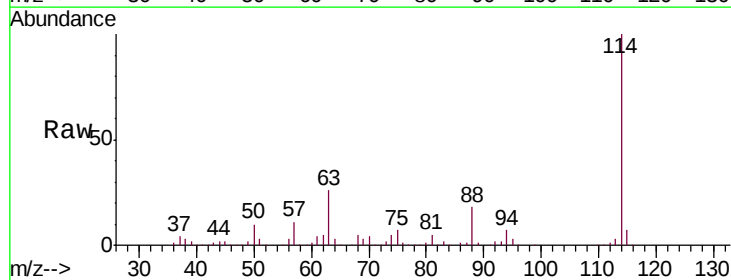
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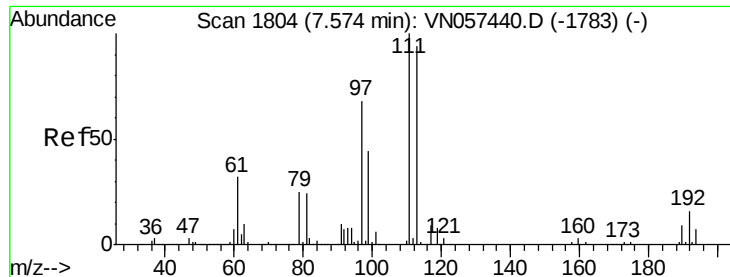
Tgt Ion: 65 Resp: 329074
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057533.D
 Acq: 27 Aug 2019 1:02

Tgt Ion: 114 Resp: 677998
 Ion Ratio Lower Upper
 114 100
 63 26.3 0.0 50.2
 88 17.9 0.0 34.6

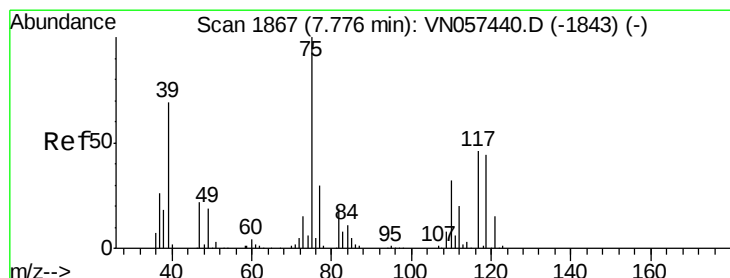
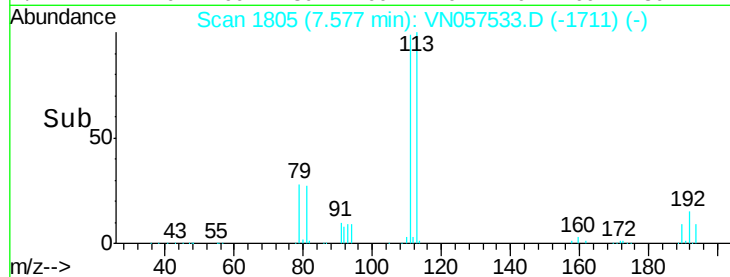
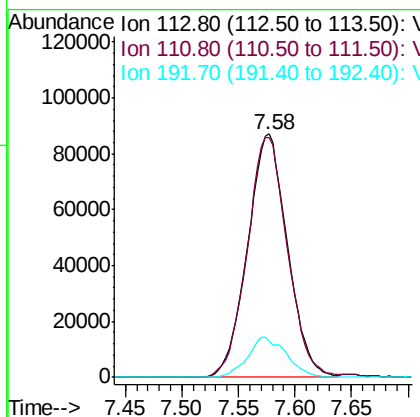
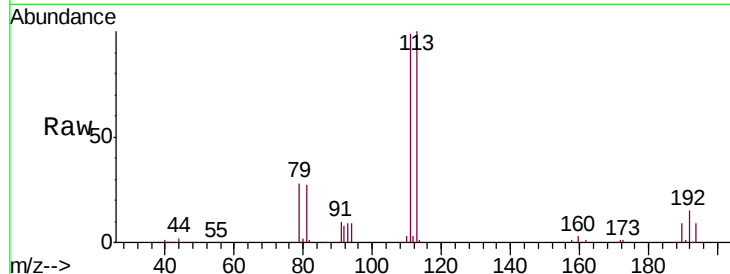




#35
 Dibromofluoromethane
 Concen: 46.578 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057533.D
 Acq: 27 Aug 2019 1:02

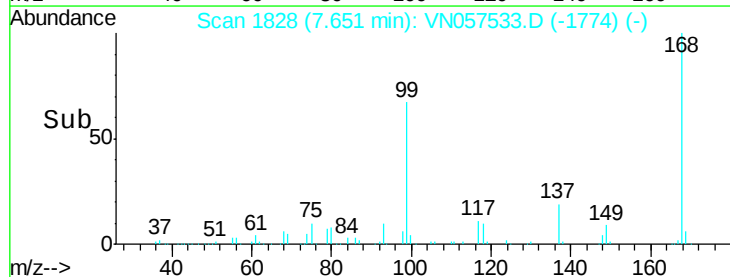
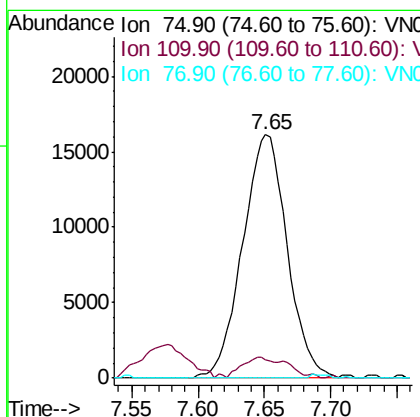
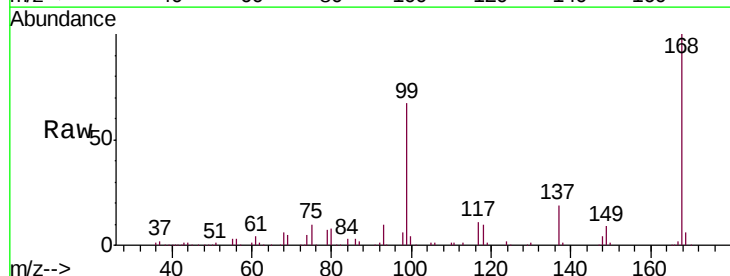
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K2-(1.9)

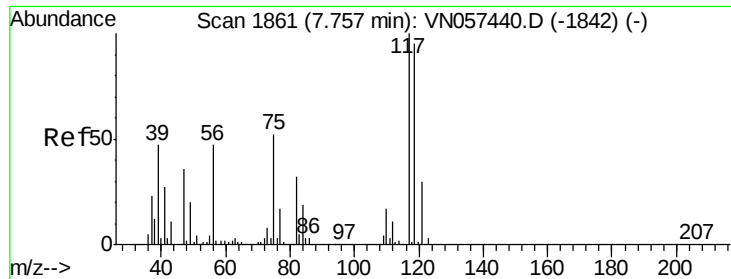
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	213307		
111	99.3	83.8	125.6	
192	16.2	13.5	20.3	



#36
 1,1-Dichloropropene
 Concen: 5.432 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057533.D
 Acq: 27 Aug 2019 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	37630		
110	8.6	16.1	48.3#	
77	0.0	24.8	37.2#	





#38

Carbon Tetrachloride

Concen: 5.931 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN057533.D

Acq: 27 Aug 2019 1:02

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K2-(1.9)

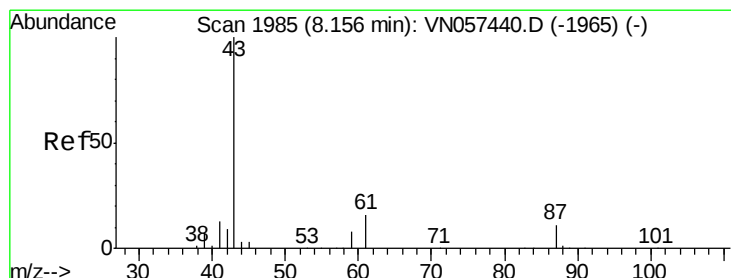
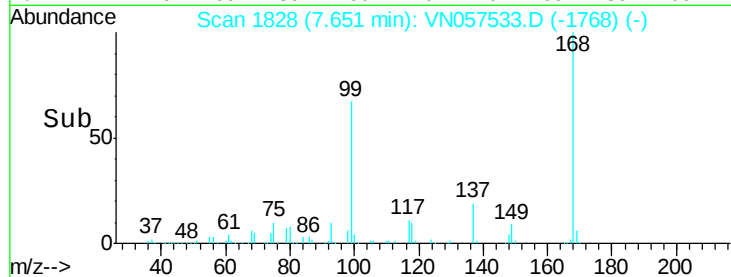
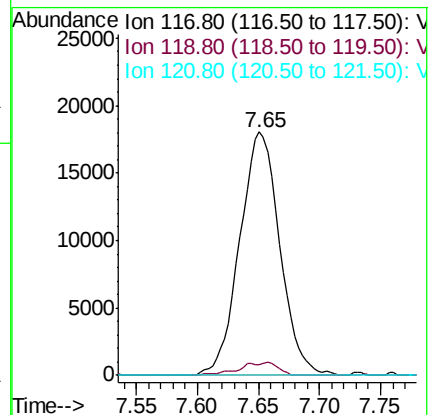
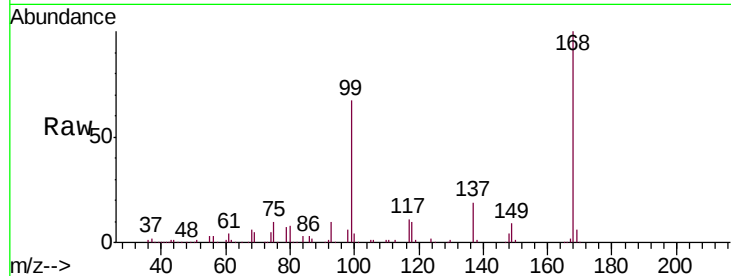
Tgt Ion:117 Resp: 40821

Ion Ratio Lower Upper

117 100

119 4.6 76.2 114.4#

121 0.0 23.8 35.6#



#43

Isopropyl Acetate

Concen: 6.657 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057533.D

Acq: 27 Aug 2019 1:02

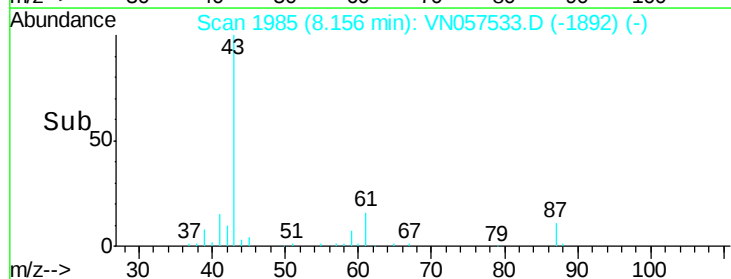
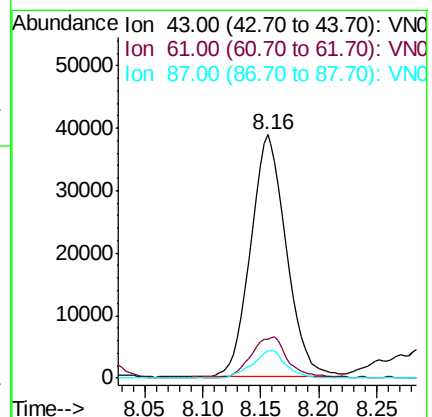
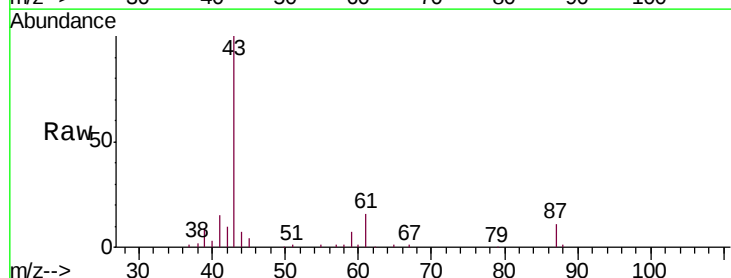
Tgt Ion: 43 Resp: 83557

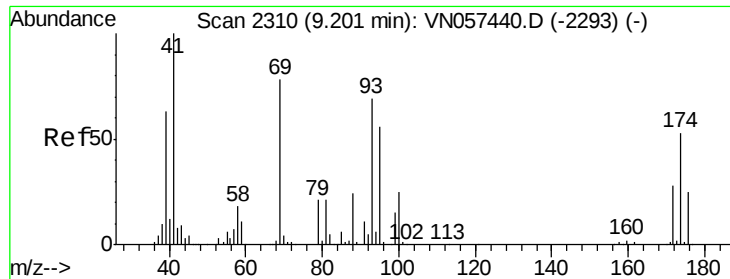
Ion Ratio Lower Upper

43 100

61 17.6 14.5 21.7

87 10.5 8.6 12.8





#46

Dibromomethane

Concen: Below Cal

RT: 9.29 min Scan# 2337

Delta R.T. 0.09 min

Lab File: VN057533.D

Acq: 27 Aug 2019 1:02

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K2-(1.9)

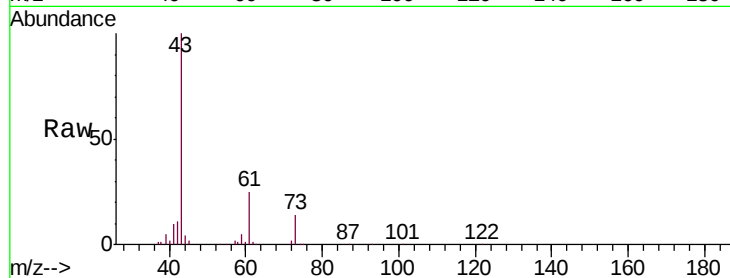
Tgt Ion: 93 Resp: 29

Ion Ratio Lower Upper

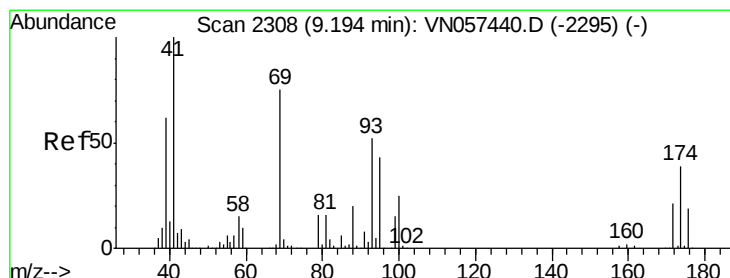
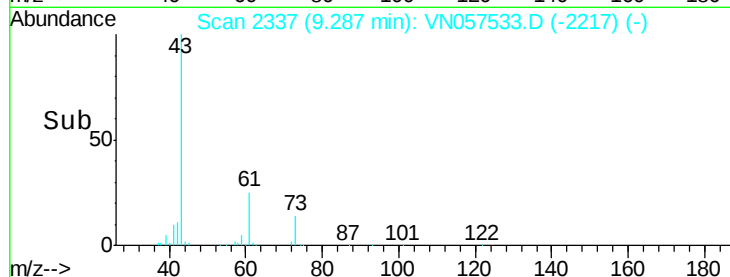
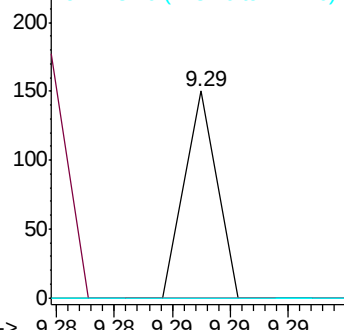
93 100

95 227.6 64.7 97.1#

174 0.0 62.3 93.5#



Abundance Ion 92.80 (92.50 to 93.50): VNC
Ion 94.80 (94.50 to 95.50): VNC
Ion 173.70 (173.40 to 174.40): V



#48

Methyl methacrylate

Concen: 0.762 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN057533.D

Acq: 27 Aug 2019 1:02

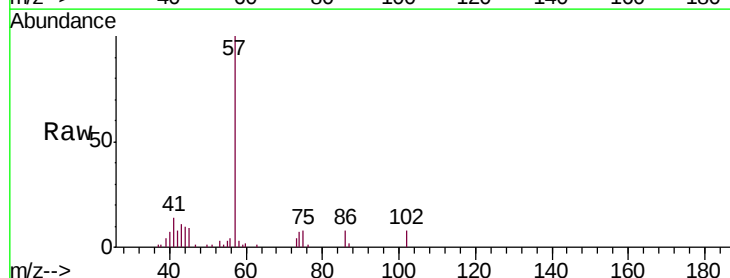
Tgt Ion: 41 Resp: 4546

Ion Ratio Lower Upper

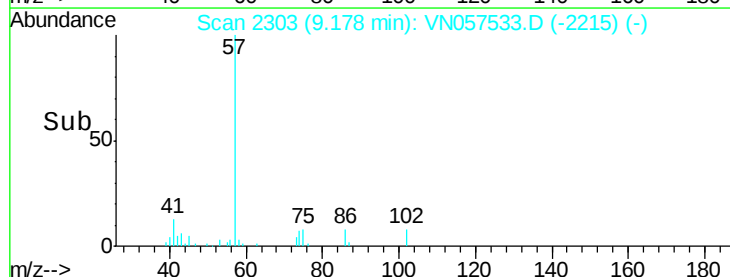
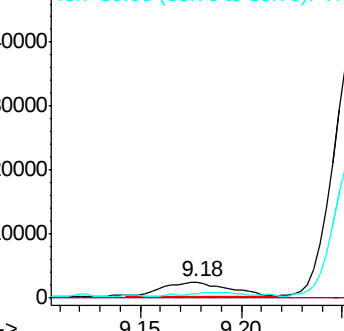
41 100

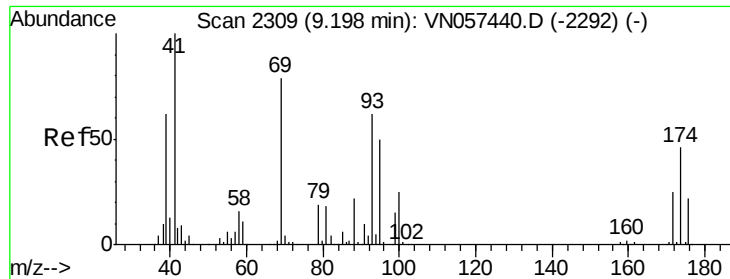
69 0.0 59.3 88.9#

39 0.0 50.6 75.8#



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





#49

1,4-Dioxane

Concen: 0.842 ug/l

RT: 9.28 min Scan# 2334

Delta R.T. 0.08 min

Lab File: VN057533.D

Acq: 27 Aug 2019 1:02

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K2-(1.9)

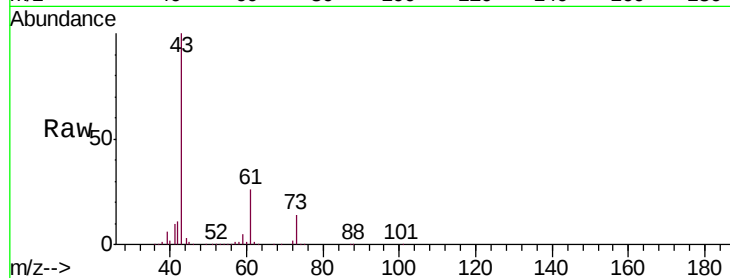
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

43 1619958.5 31.0 46.6#

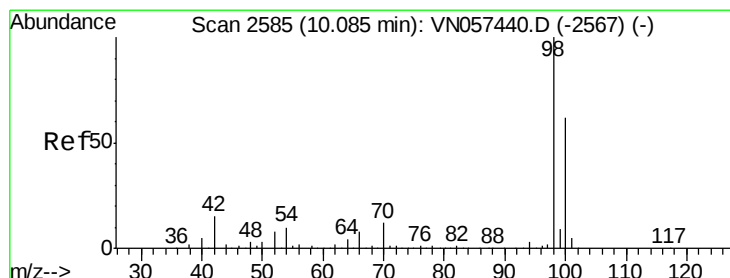
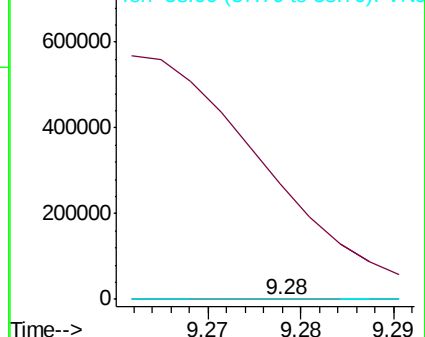
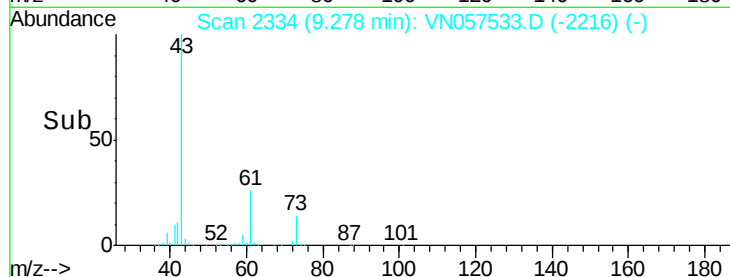
58 7021.5 64.5 96.7#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.619 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057533.D

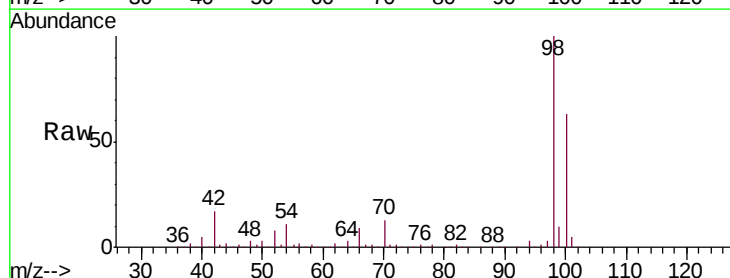
Acq: 27 Aug 2019 1:02

Tgt Ion: 98 Resp: 859227

Ion Ratio Lower Upper

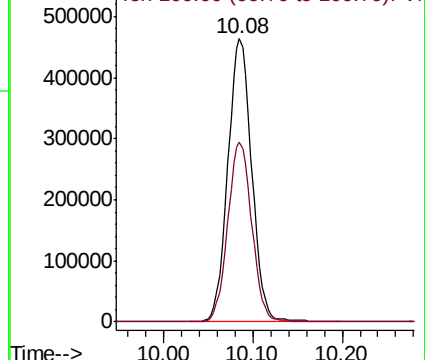
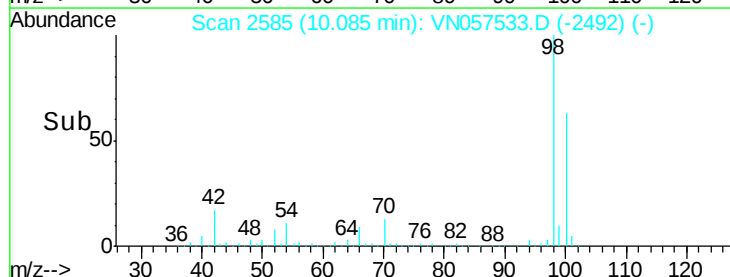
98 100

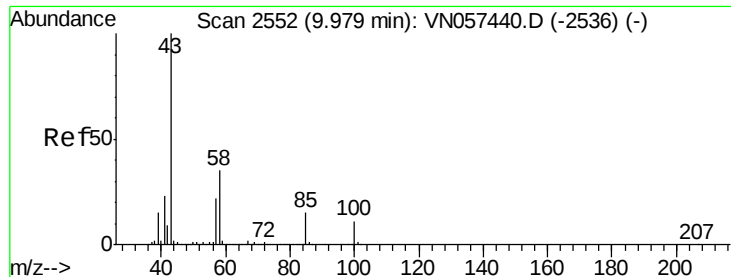
100 63.7 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

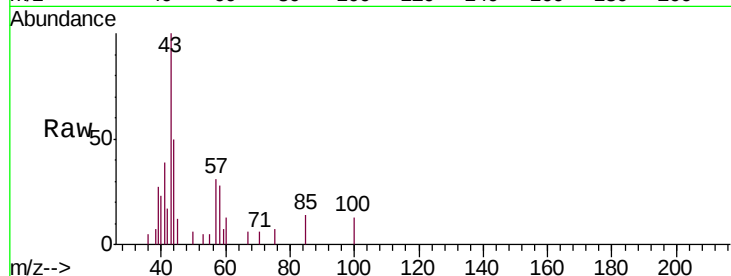




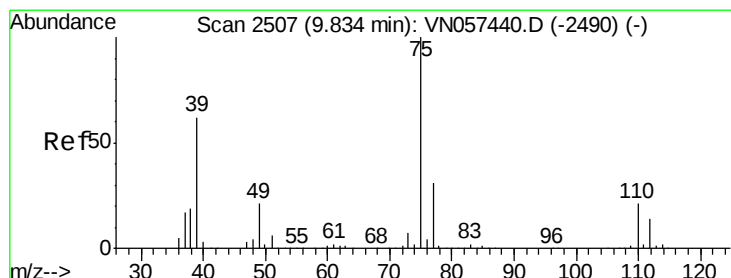
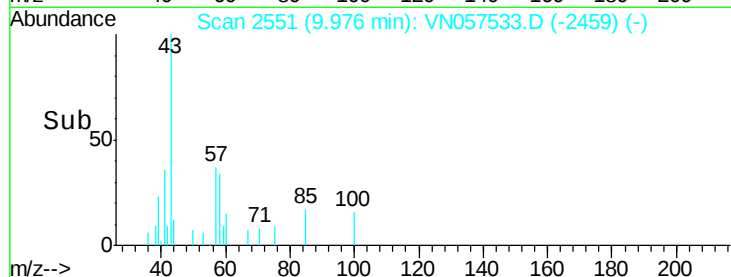
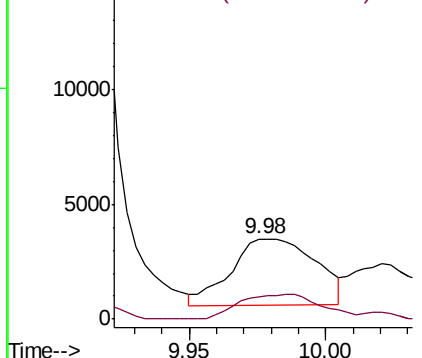
#51
 4-Methyl-2-Pentanone
 Concen: 0.902 ug/l
 RT: 9.98 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: VN057533.D
 Acq: 27 Aug 2019 1:02

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K2-(1.9)

Tgt Ion: 43 Resp: 6309
 Ion Ratio Lower Upper
 43 100
 58 35.6 27.9 41.9

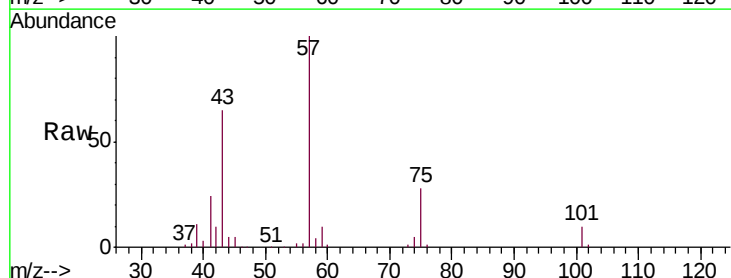


Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 58.00 (57.70 to 58.70): VNO

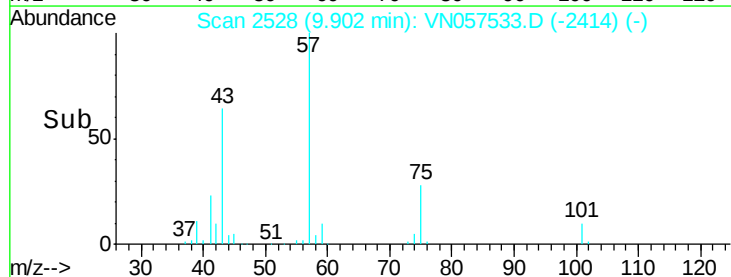
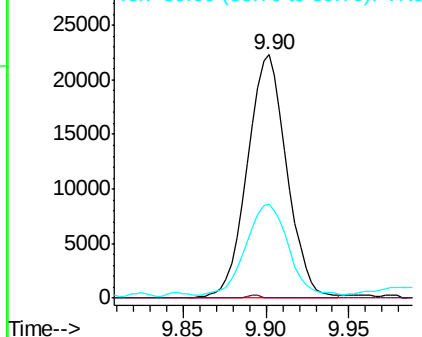


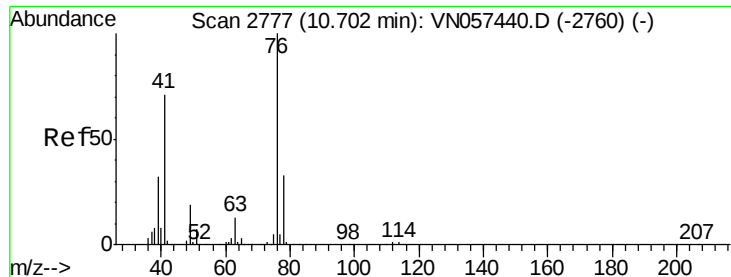
#54
 cis-1,3-Dichloropropene
 Concen: 4.112 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057533.D
 Acq: 27 Aug 2019 1:02

Tgt Ion: 75 Resp: 37052
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 36.9 49.2 73.8#



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





#57

1,3-Dichloropropane

Concen: 0.586 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN057533.D

Acq: 27 Aug 2019 1:02

Instrument :

MSVOA_N

ClientSampleId :

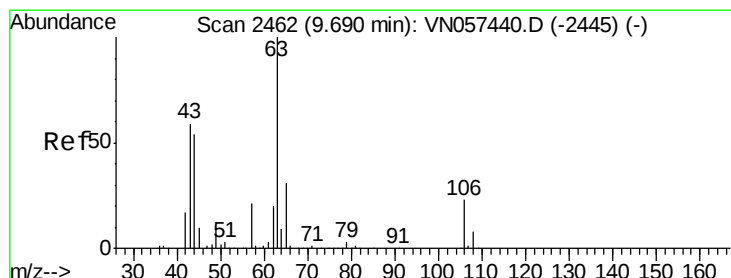
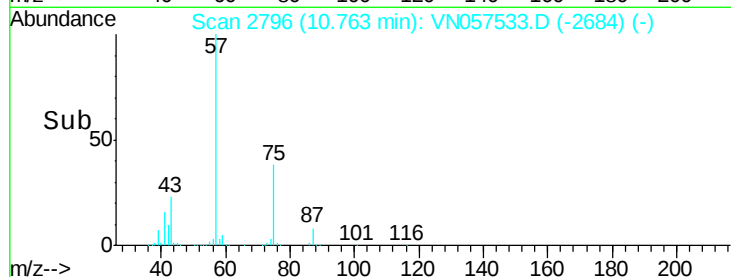
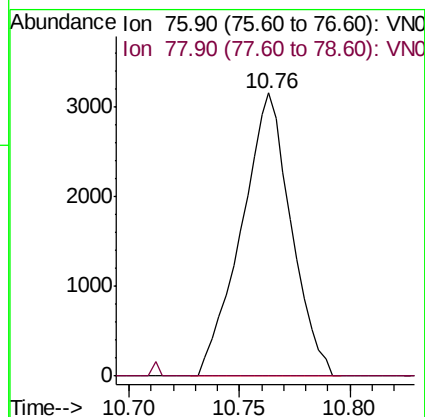
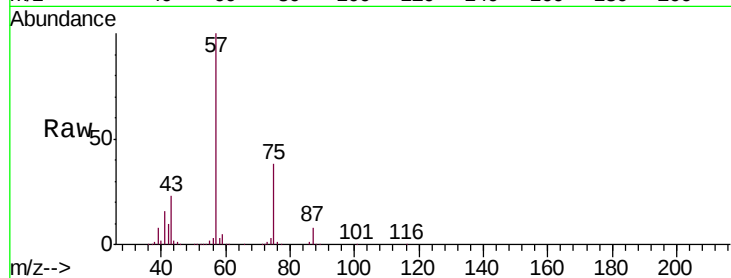
T9-12-13-K2-(1.9)

Tgt Ion: 76 Resp: 4940

Ion Ratio Lower Upper

76 100

78 0.0 25.5 38.3#



#58

2-Chloroethyl Vinyl ether

Concen: 17.091 ug/l

RT: 9.70 min Scan# 2465

Delta R.T. 0.01 min

Lab File: VN057533.D

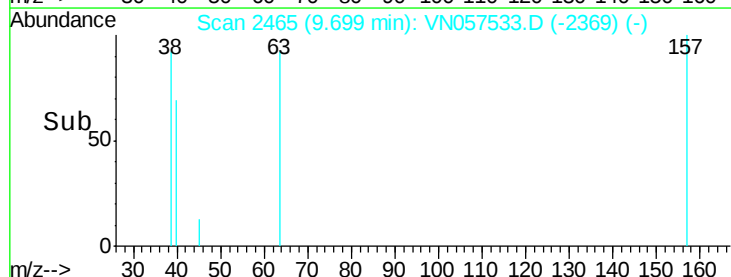
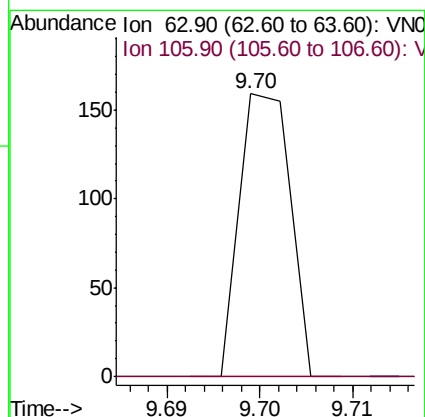
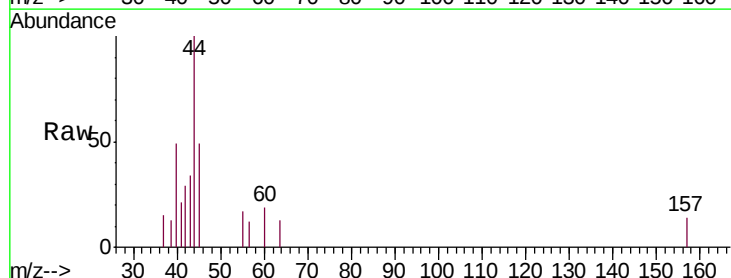
Acq: 27 Aug 2019 1:02

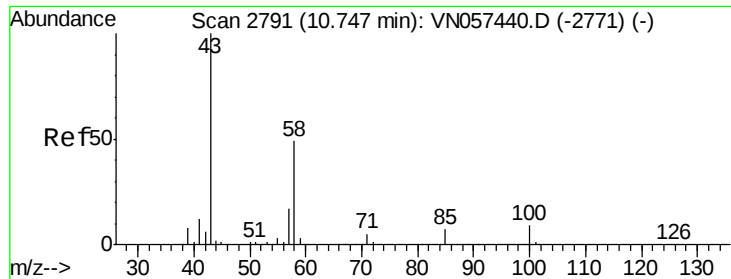
Tgt Ion: 63 Resp: 61

Ion Ratio Lower Upper

63 100

106 0.0 18.6 27.8#

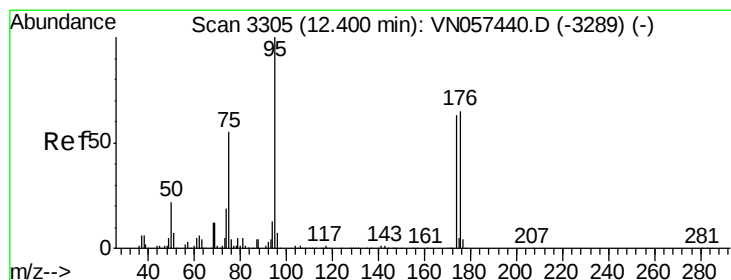
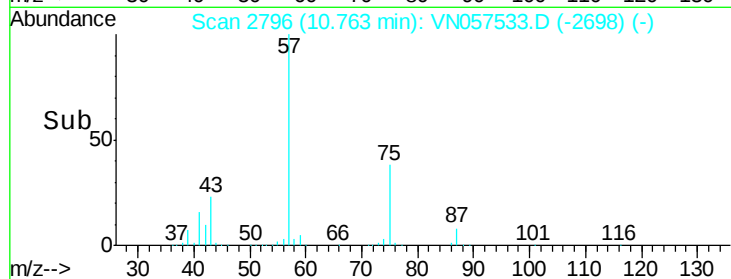
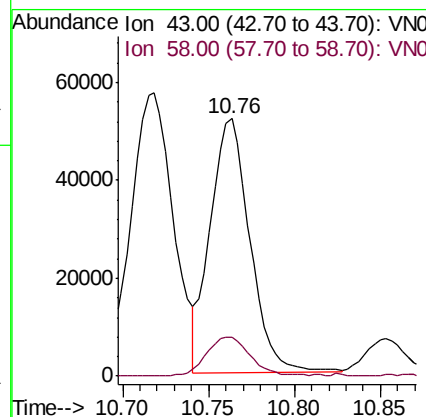
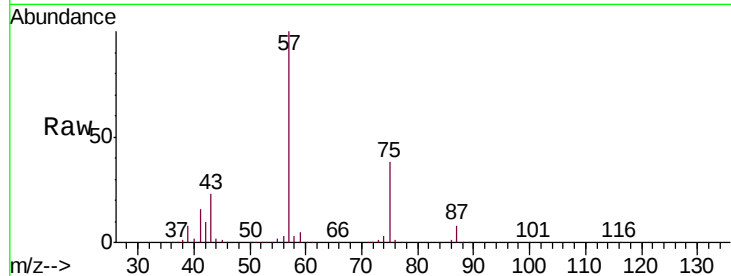




#59
2-Hexanone
Concen: 17.497 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.02 min
Lab File: VN057533.D
Acq: 27 Aug 2019 1:02

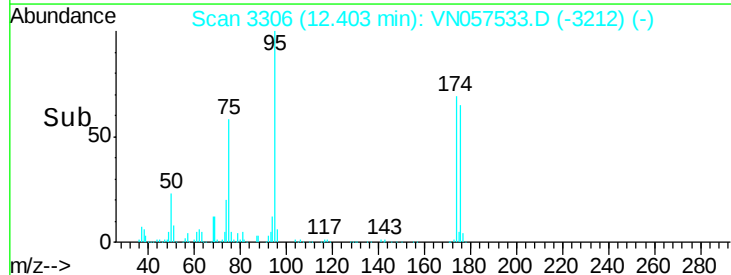
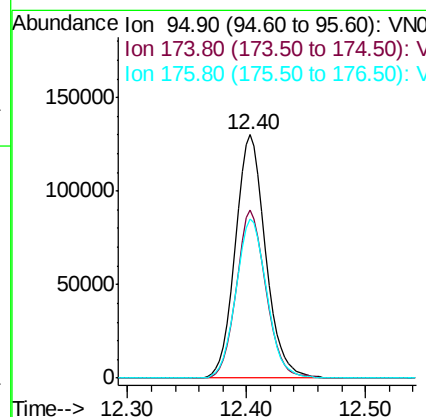
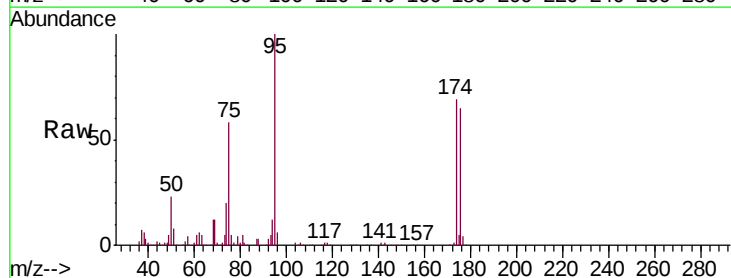
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K2-(1.9)

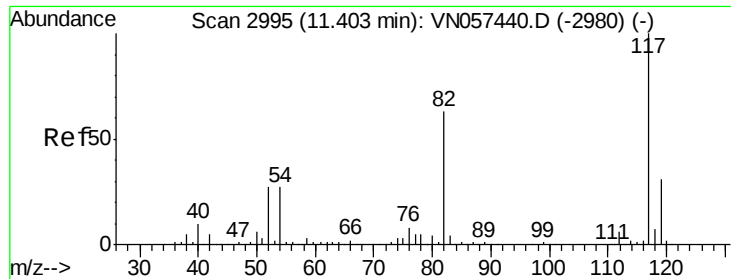
Tgt Ion: 43 Resp: 83955
Ion Ratio Lower Upper
43 100
58 17.1 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 39.097 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057533.D
Acq: 27 Aug 2019 1:02

Tgt Ion: 95 Resp: 229429
Ion Ratio Lower Upper
95 100
174 67.4 0.0 133.0
176 66.4 0.0 130.8

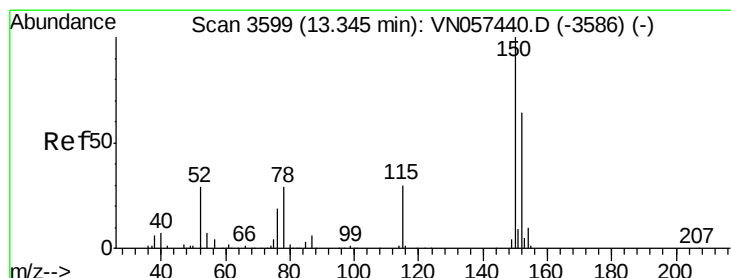
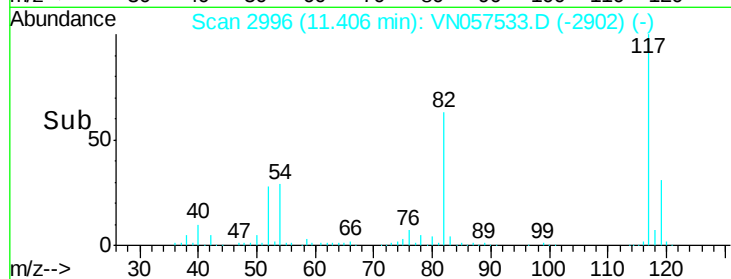
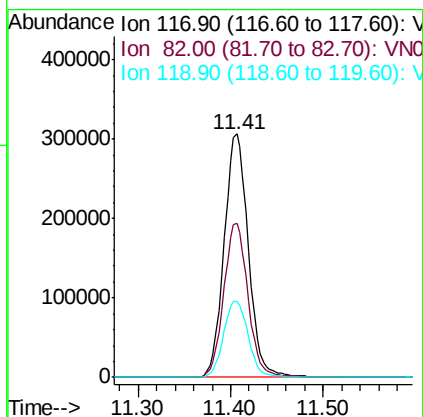
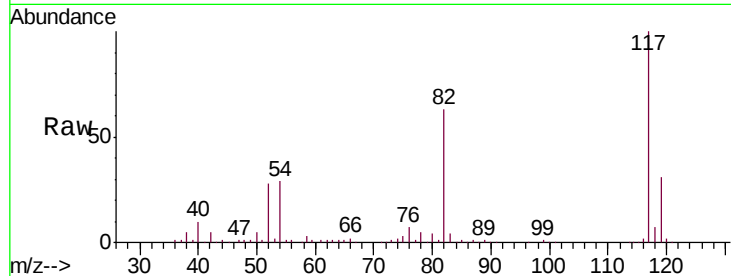




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057533.D
Acq: 27 Aug 2019 1:02

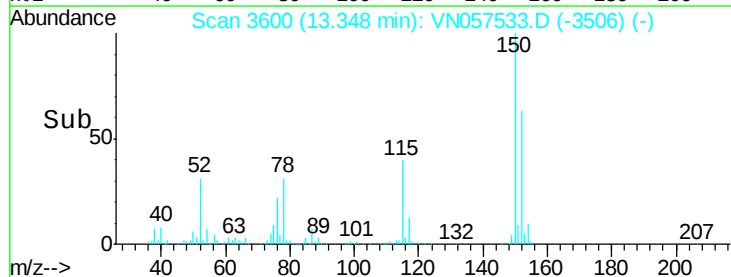
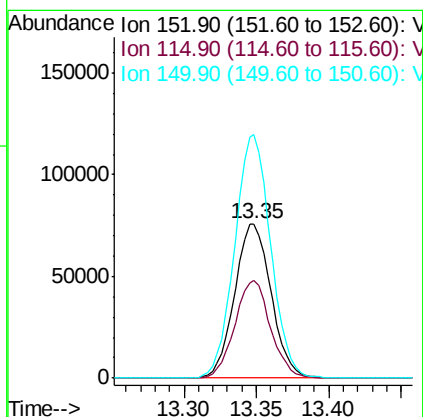
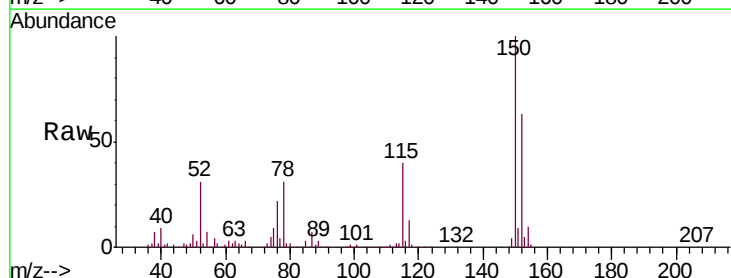
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K2-(1.9)

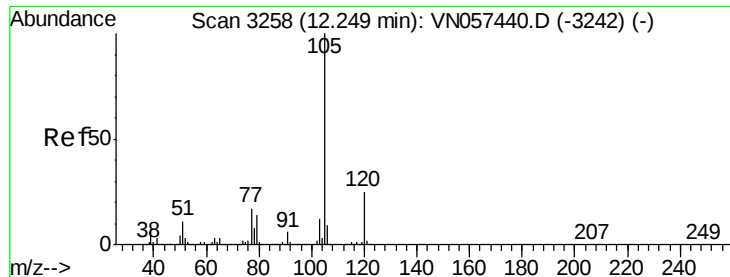
Tgt Ion:117 Resp: 554358
Ion Ratio Lower Upper
117 100
82 63.3 50.6 75.8
119 31.4 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057533.D
Acq: 27 Aug 2019 1:02

Tgt Ion:152 Resp: 132498
Ion Ratio Lower Upper
152 100
115 62.4 32.0 96.0
150 155.7 0.0 346.6





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.41 min Scan# 3308

Delta R.T. 0.16 min

Lab File: VN057533.D

Acq: 27 Aug 2019 1:02

Instrument :

MSVOA_N

ClientSampleId :

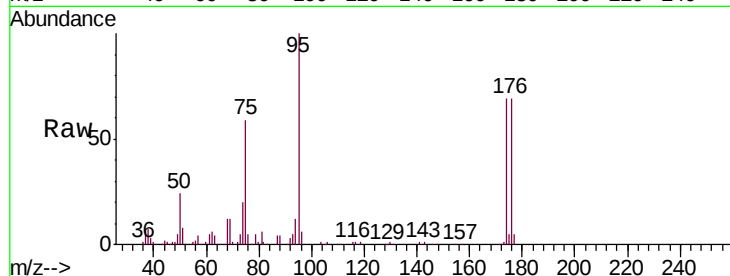
T9-12-13-K2-(1.9)

Tgt Ion: 105 Resp: 213

Ion Ratio Lower Upper

105 100

120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300

250

200

150

100

50

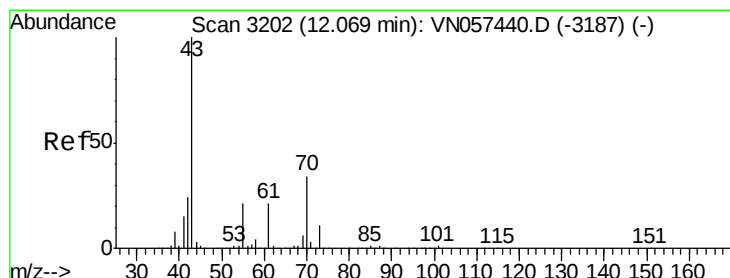
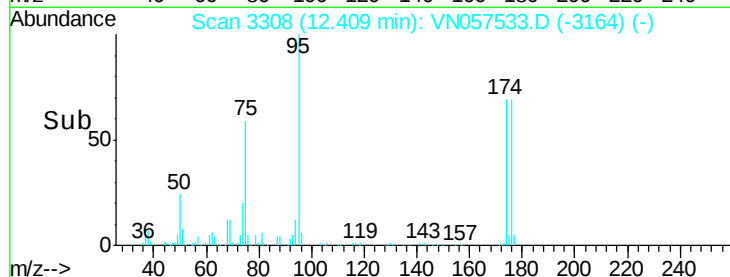
0

12.40

12.41

12.42

Time-->



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.04 min Scan# 3192

Delta R.T. -0.03 min

Lab File: VN057533.D

Acq: 27 Aug 2019 1:02

Tgt Ion: 43 Resp: 4148

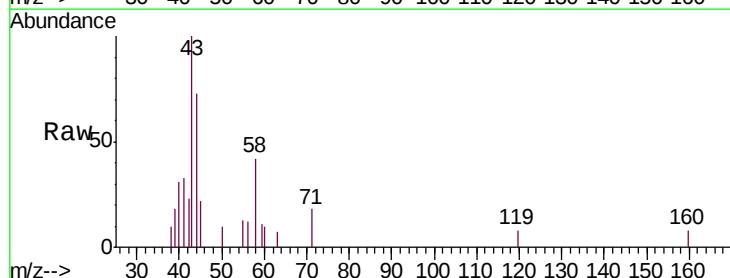
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 10.7 17.0 25.4#

61 0.0 17.0 25.6#



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

3000

2500

2000

1500

1000

500

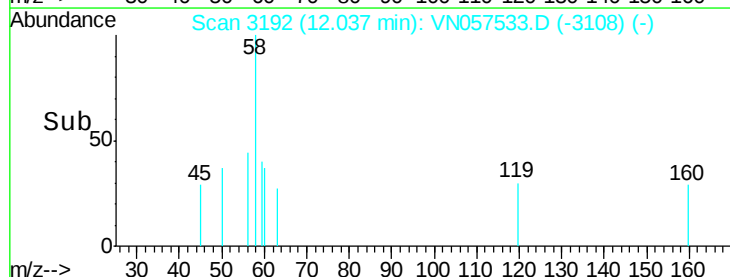
0

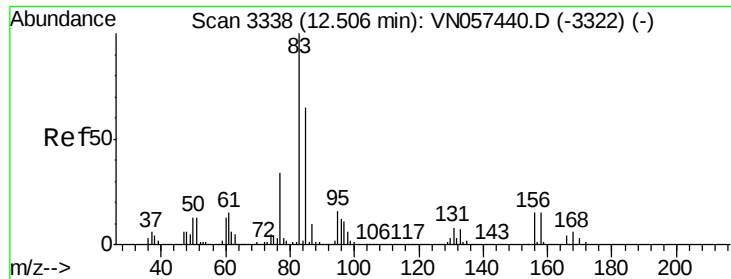
12.00

12.04

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3335

Delta R.T. -0.01 min

Lab File: VN057533.D

Acq: 27 Aug 2019 1:02

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K2-(1.9)

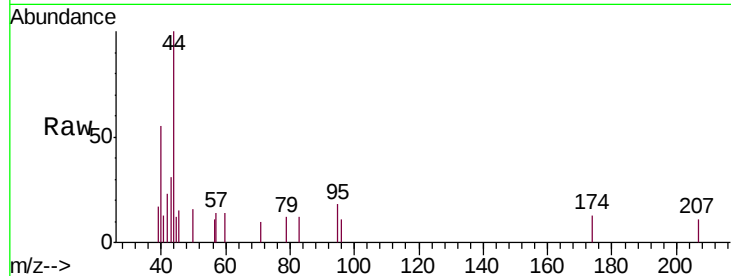
Tgt Ion: 83 Resp: 34

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

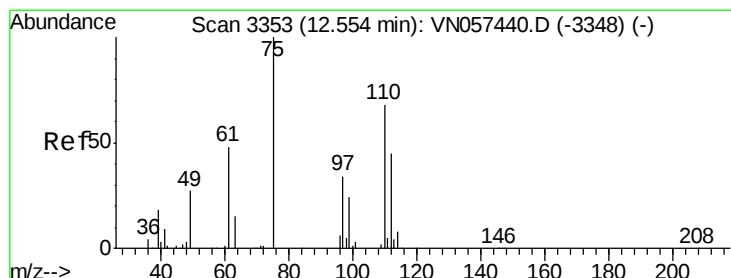
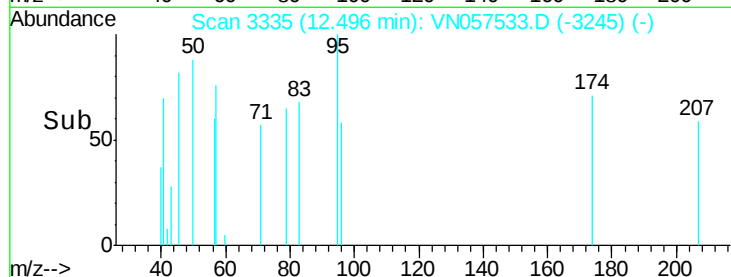
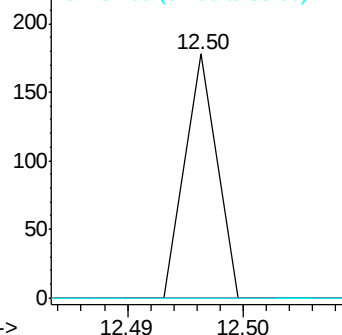
85 0.0 32.3 96.8#



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



#76

1,2,3-Trichloropropane

Concen: 45.734 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057533.D

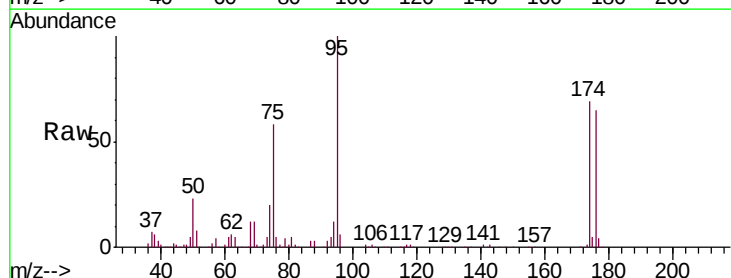
Acq: 27 Aug 2019 1:02

Tgt Ion: 75 Resp: 135061

Ion Ratio Lower Upper

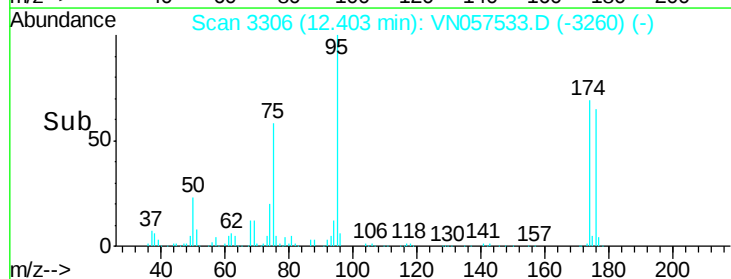
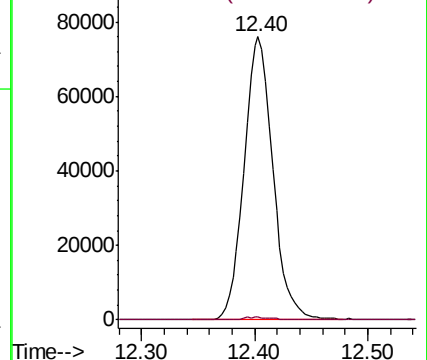
75 100

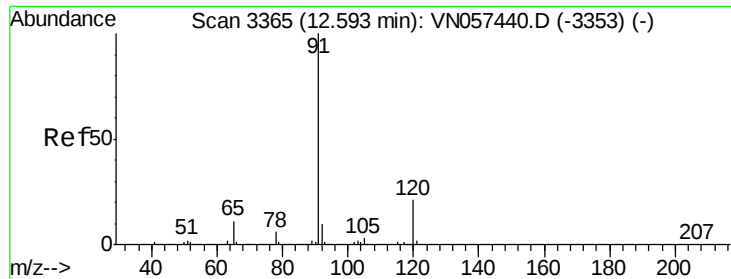
77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: Below Cal

RT: 12.60 min Scan# 3367

Delta R.T. 0.01 min

Lab File: VN057533.D

Acq: 27 Aug 2019 1:02

Instrument :

MSVOA_N

ClientSampleId :

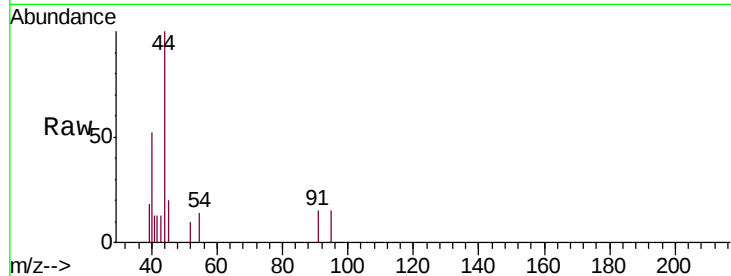
T9-12-13-K2-(1.9)

Tgt Ion: 91 Resp: 181

Ion Ratio Lower Upper

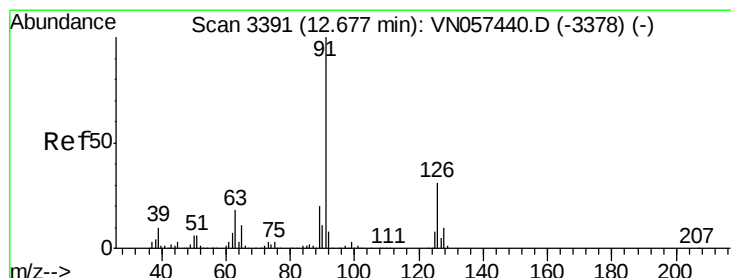
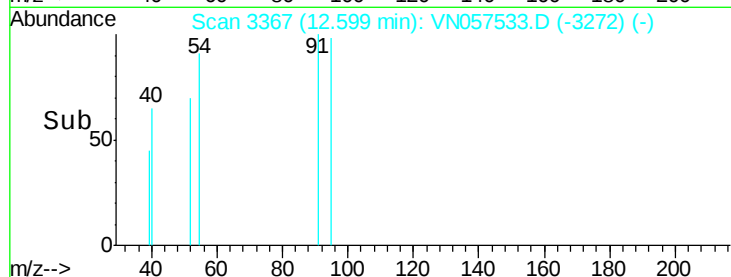
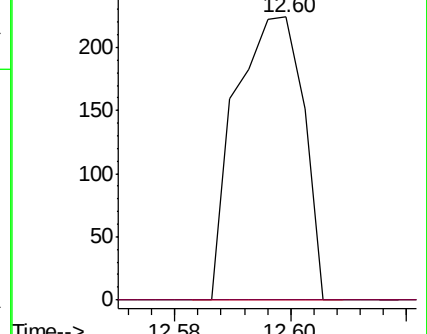
91 100

120 0.0 10.7 32.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN057533.D

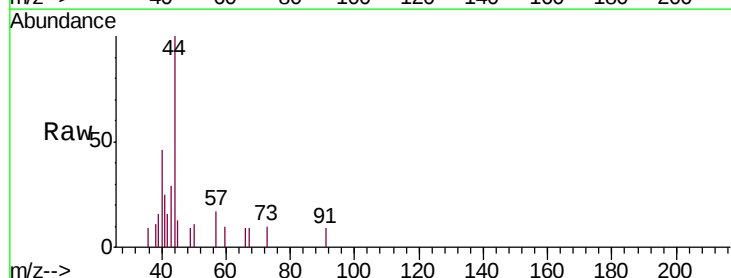
Acq: 27 Aug 2019 1:02

Tgt Ion: 91 Resp: 61

Ion Ratio Lower Upper

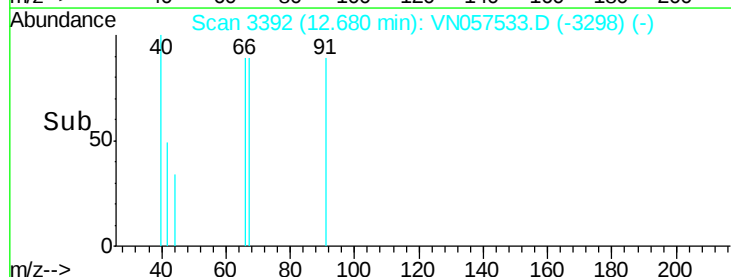
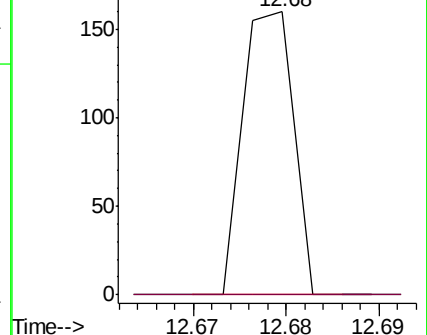
91 100

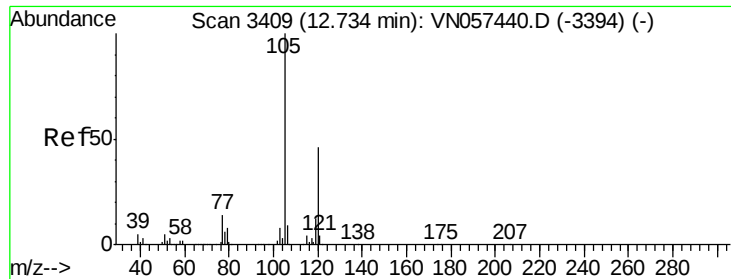
126 0.0 15.3 45.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

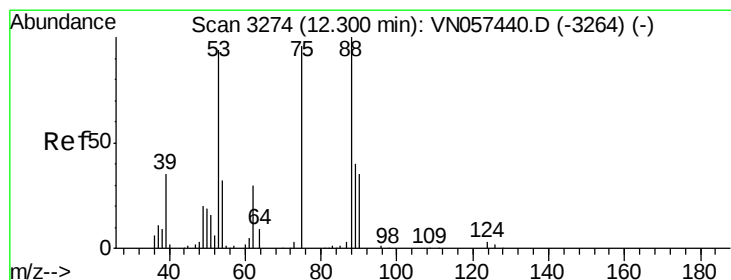
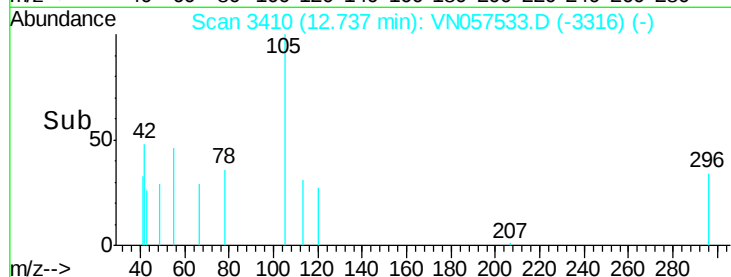
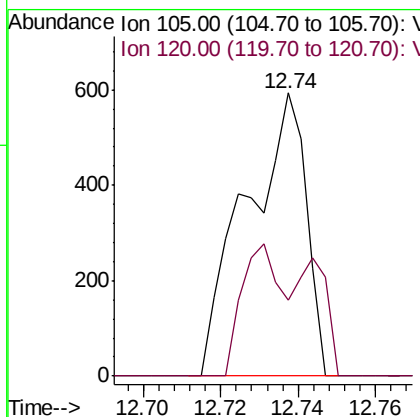
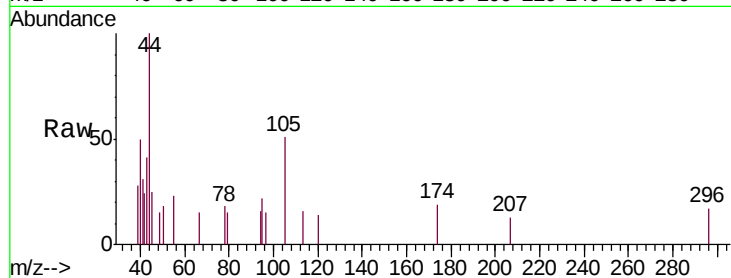




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN057533.D
 Acq: 27 Aug 2019 1:02

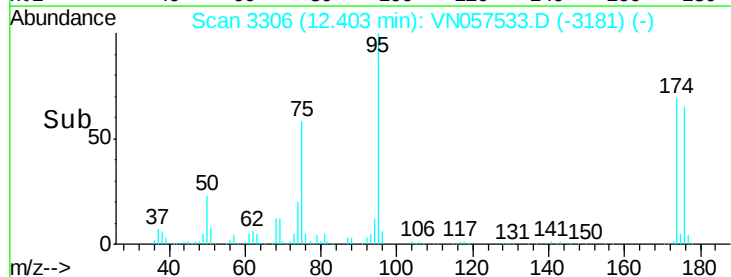
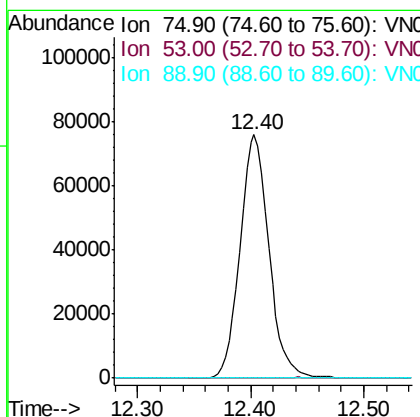
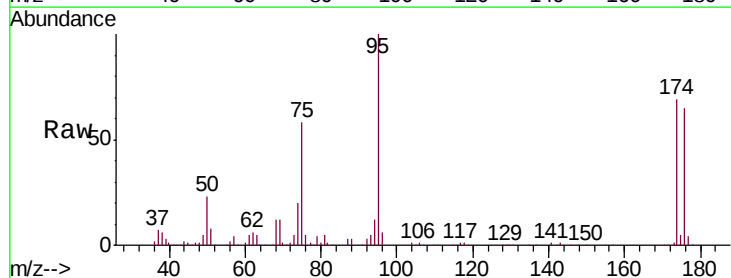
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K2-(1.9)

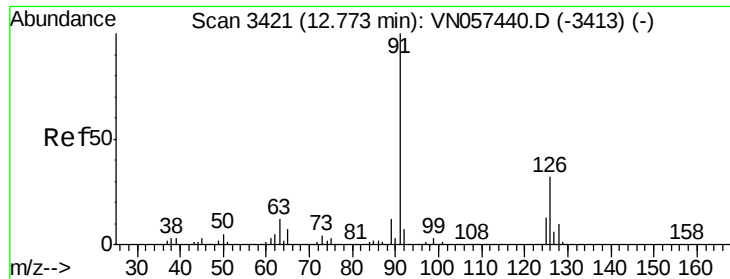
Tgt Ion:105 Resp: 640
 Ion Ratio Lower Upper
 105 100
 120 20.0 23.3 69.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.124 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057533.D
 Acq: 27 Aug 2019 1:02

Tgt Ion: 75 Resp: 135061
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.7 124.1#
 89 0.0 35.8 53.8#





#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3423

Delta R.T. 0.01 min

Lab File: VN057533.D

Acq: 27 Aug 2019 1:02

Instrument :

MSVOA_N

ClientSampleId :

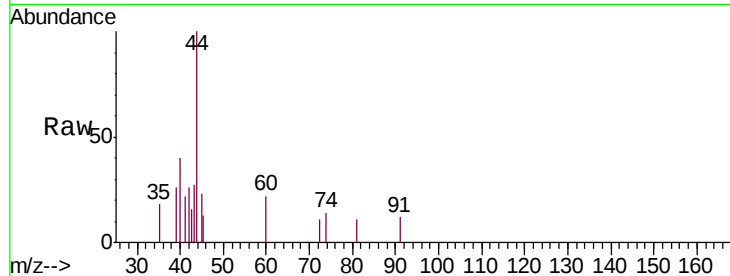
T9-12-13-K2-(1.9)

Tgt Ion: 91 Resp: 33

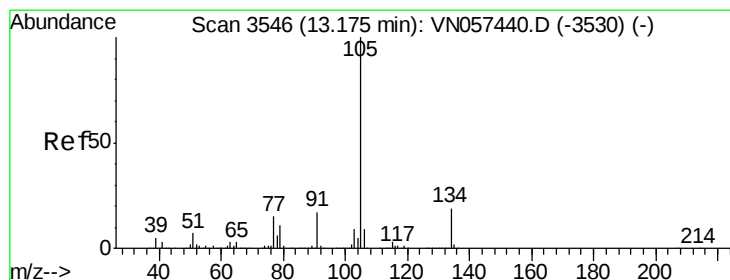
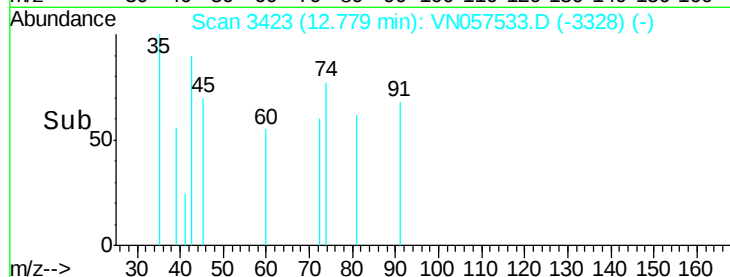
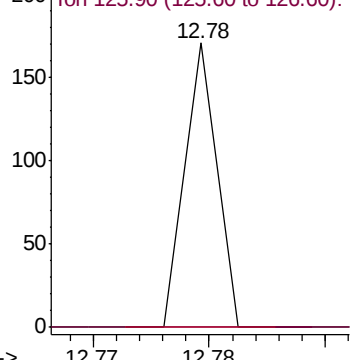
Ion Ratio Lower Upper

91 100

126 0.0 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VN057440.D (-3413) (-)



#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.18 min Scan# 3548

Delta R.T. 0.01 min

Lab File: VN057533.D

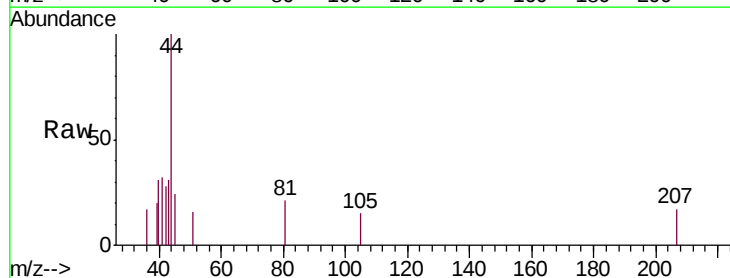
Acq: 27 Aug 2019 1:02

Tgt Ion: 105 Resp: 63

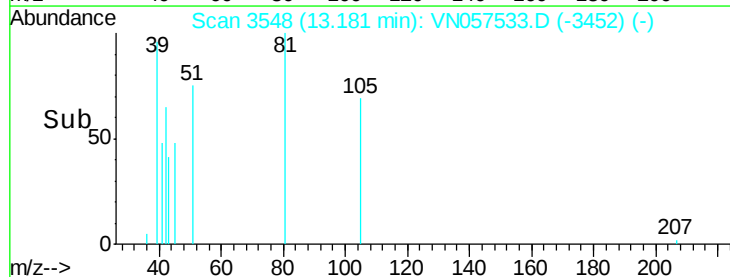
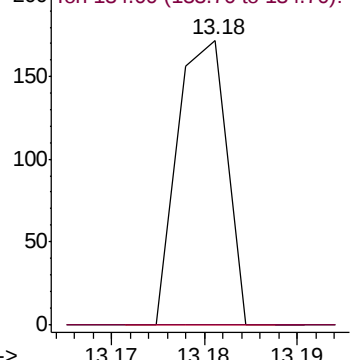
Ion Ratio Lower Upper

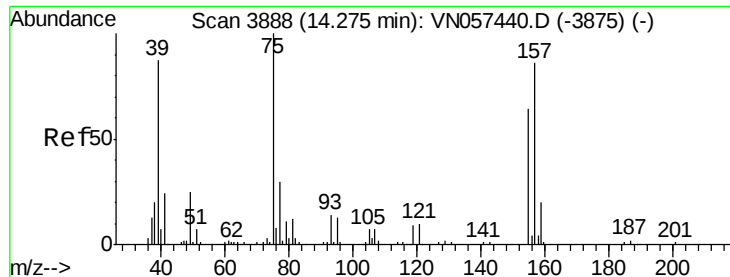
105 100

134 0.0 9.3 27.9#



Abundance Ion 105.00 (104.70 to 105.70): VN057440.D (-3530) (-)

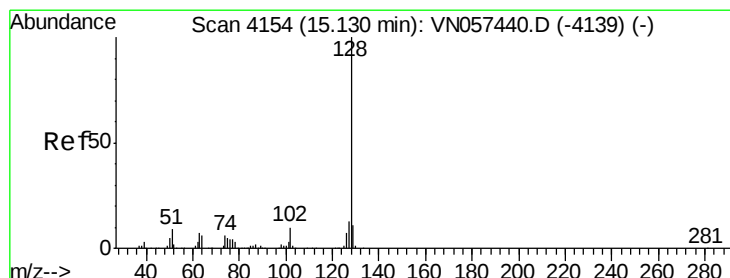
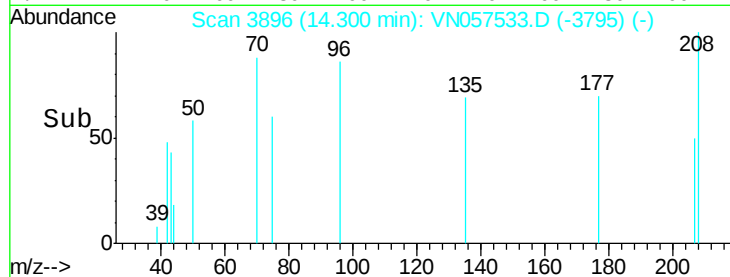
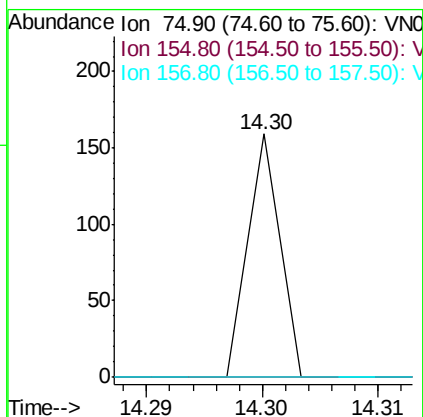
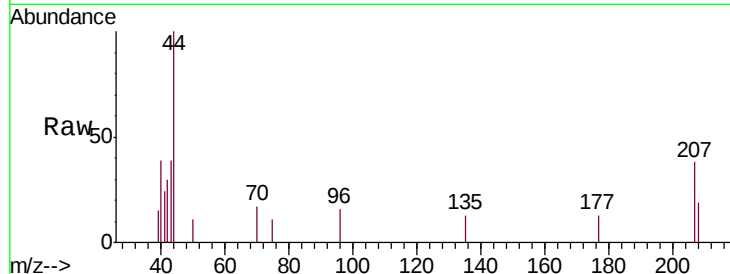




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.30 min Scan# 3896
 Delta R.T. 0.03 min
 Lab File: VN057533.D
 Acq: 27 Aug 2019 1:02

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K2-(1.9)

Tgt Ion: 75 Resp: 31
 Ion Ratio Lower Upper
 75 100
 155 0.0 31.6 94.7#
 157 0.0 43.3 129.8#



#95
 Naphthalene
 Concen: 4.385 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN057533.D
 Acq: 27 Aug 2019 1:02

Tgt Ion: 128 Resp: 264
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 8.6 13.0#

