

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057530.D
 Acq On : 26 Aug 2019 23:46
 Operator : JC/SP
 Sample : K4493-35
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K3-(0)

Quant Time: Aug 27 07:20:16 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	394996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	707537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	593189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	150661	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	329517	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	7.57	113	218869	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
50) Toluene-d8	10.09	98	915280	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	252623	41.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.50%	

Target Compounds			Qvalue			
8) Diethyl Ether	3.39	74	1801	Below Cal		76
9) 1,1,2-Trichlorotrifluoroet	3.74	101	68	Below Cal	#	1
13) Acrolein	3.61	56	750	0.988	ug/l #	44
16) Acetone	3.80	43	29835	9.350	ug/l	94
18) Methyl Acetate	4.31	43	26649	2.973	ug/l	99
20) Methylene Chloride	4.53	84	8814	1.791	ug/l	92
31) Cyclohexane	7.65	56	11839	1.213	ug/l #	14
36) 1,1-Dichloropropene	7.65	75	38753	5.360	ug/l #	52
38) Carbon Tetrachloride	7.65	117	42157	5.870	ug/l #	18
40) Benzene	8.03	78	4390	0.202	ug/l #	90
43) Isopropyl Acetate	8.16	43	42921	3.277	ug/l	99
46) Dibromomethane	9.28	93	31	Below Cal	#	10
48) Methyl methacrylate	9.18	41	4706	0.756	ug/l #	46
49) 1,4-Dioxane	9.46	88	66	0.819	ug/l #	59
51) 4-Methyl-2-Pentanone	9.98	43	19128	2.620	ug/l #	83
52) Toluene	10.15	92	2876	0.230	ug/l	86
54) cis-1,3-Dichloropropene	9.90	75	25373	2.698	ug/l #	61
58) 2-Chloroethyl Vinyl ether	9.63	63	59	17.089	ug/l #	43
59) 2-Hexanone	10.76	43	21377	4.269	ug/l #	61
71) Bromoform	12.40	173	2193	0.705	ug/l #	1
73) Isopropylbenzene	12.39	105	89	Below Cal	#	50
74) N-amyl acetate	12.04	43	134	Below Cal	#	7
75) 1,1,2,2-Tetrachloroethane	12.55	83	31	Below Cal	#	57
76) 1,2,3-Trichloropropane	12.40	75	149507	44.415	ug/l #	100
77) Bromobenzene	12.41	156	34	Below Cal	#	1
78) n-propylbenzene	12.60	91	211	Below Cal	#	55
79) 2-Chlorotoluene	12.60	91	211	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.75	105	78	Below Cal	#	30
81) trans-1,4-Dichloro-2-buten	12.40	75	149507	113.936	ug/l #	8
82) 4-Chlorotoluene	12.77	91	76	Below Cal	#	45
85) sec-Butylbenzene	13.17	105	242	Below Cal	#	58
90) Hexachloroethane	13.76	117	79	Below Cal	#	17
92) 1,2-Dibromo-3-Chloropropan	14.22	75	159	Below Cal	#	11
95) Naphthalene	15.13	128	264	4.380	ug/l #	69

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

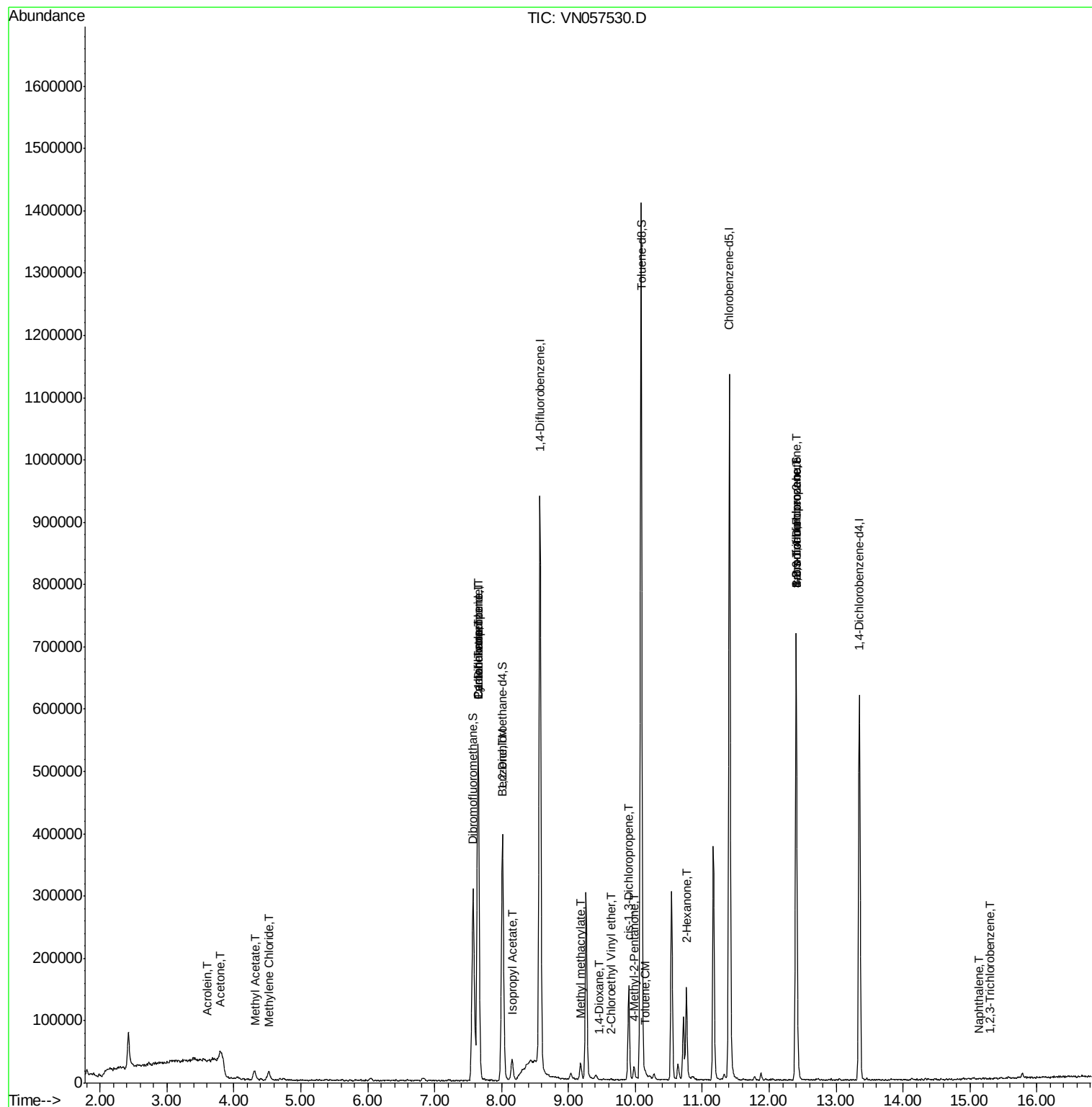
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.30	180	150	5.187	ug/l #	13

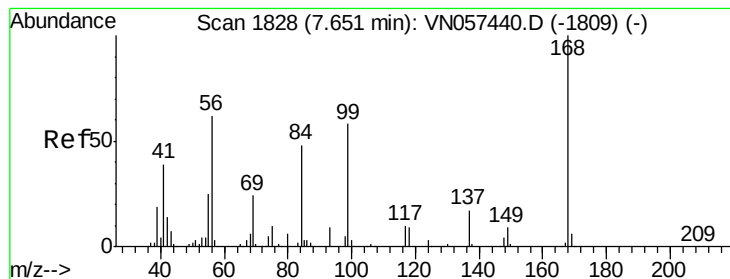
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
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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: VN057530.D

Acq: 26 Aug 2019 23:46

Instrument :

MSVOA_N

ClientSampleId :

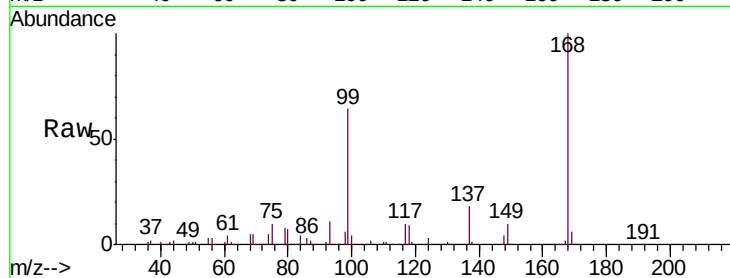
T9-12-13-K3-(0)

Tgt Ion:168 Resp: 394996

Ion Ratio Lower Upper

168 100

99 64.0 50.6 76.0



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

Ion 98.90 (98.60 to 99.60): VN057440.D (-1809) (-)

7.65

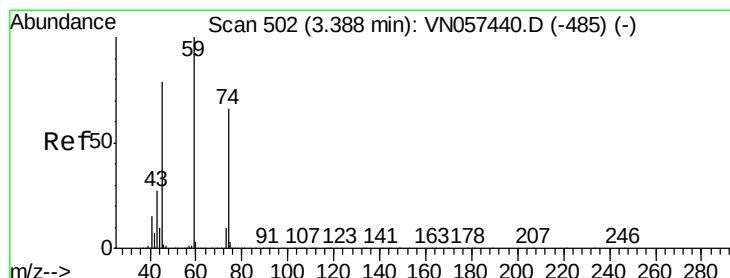
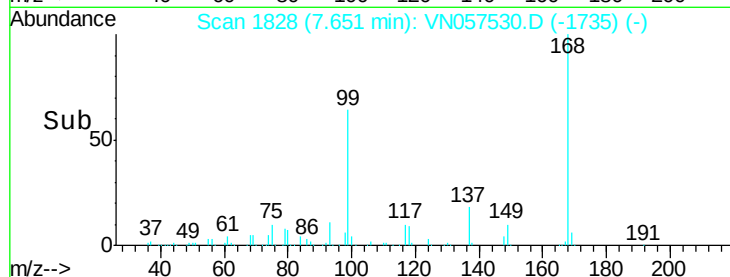
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 3.39 min Scan# 503

Delta R.T. 0.00 min

Lab File: VN057530.D

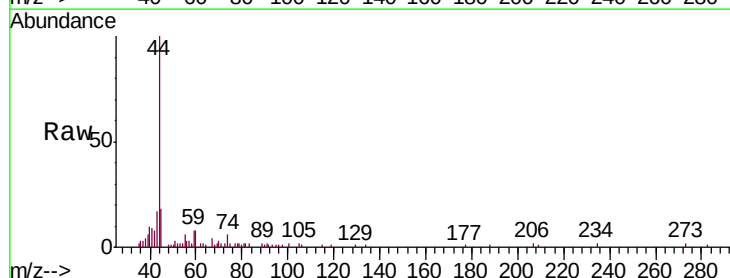
Acq: 26 Aug 2019 23:46

Tgt Ion: 74 Resp: 1801

Ion Ratio Lower Upper

74 100

45 89.2 57.9 173.6



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

Ion 45.00 (44.70 to 45.70): VN057440.D (-485) (-)

3000

2500

2000

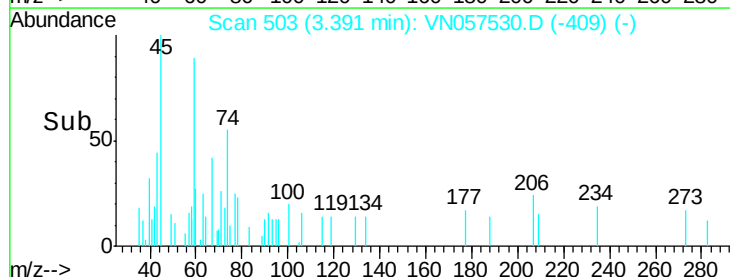
1500

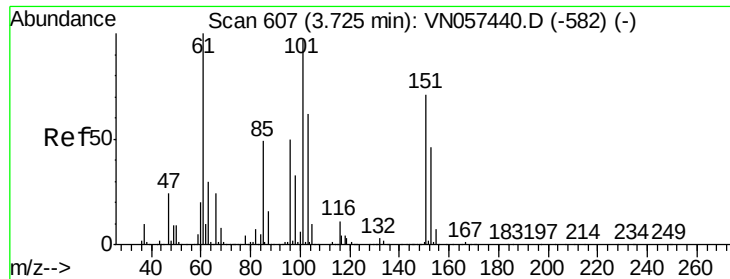
1000

500

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.74 min Scan# 612

Delta R.T. 0.02 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

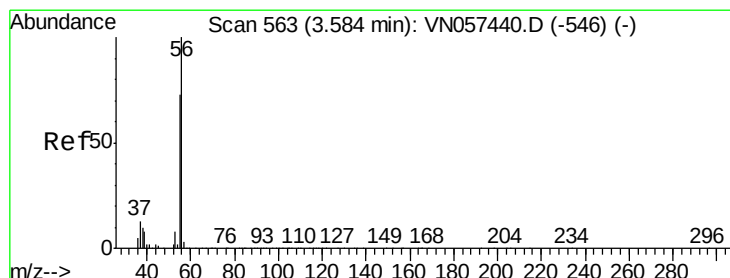
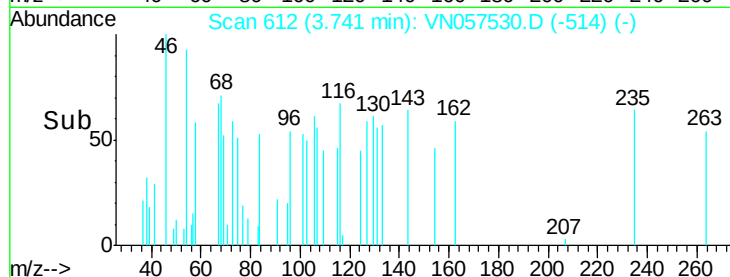
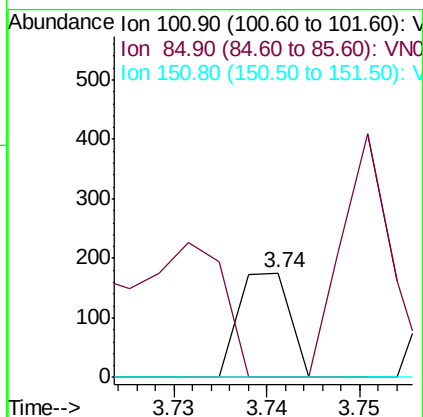
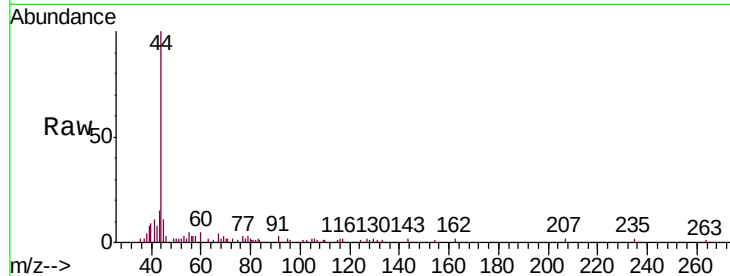
Instrument :

MSVOA_N

ClientSampled :

T9-12-13-K3-(0)

Tgt Ion:	101	Resp:	68
Ion	Ratio	Lower	Upper
101	100		
85	169.1	40.0	60.0#
151	0.0	57.0	85.6#



#13

Acrolein

Concen: 0.988 ug/l

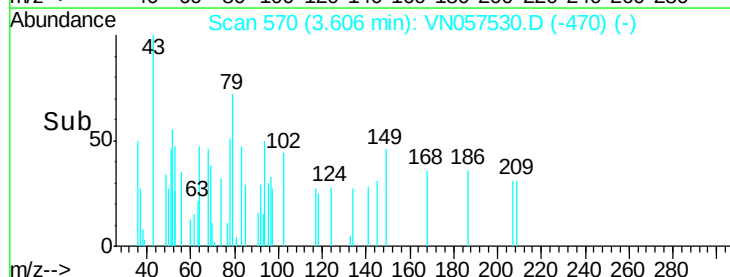
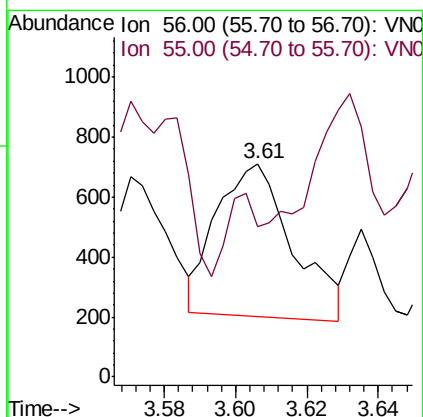
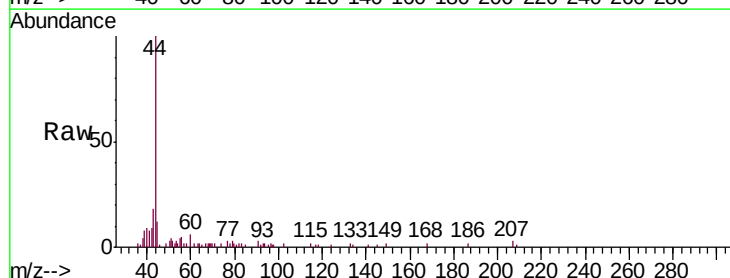
RT: 3.61 min Scan# 570

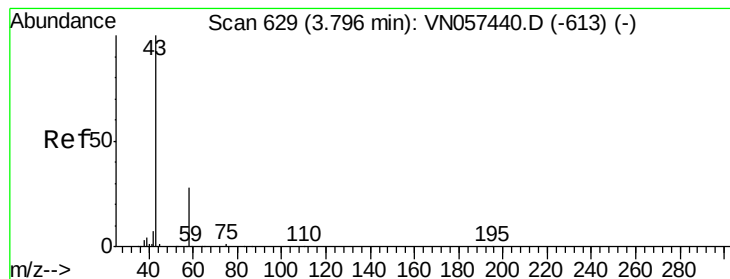
Delta R.T. 0.02 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

Tgt Ion:	56	Resp:	750
Ion	Ratio	Lower	Upper
56	100		
55	26.5	59.0	88.4#





#16

Acetone

Concen: 9.350 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

Instrument :

MSVOA_N

ClientSampleId :

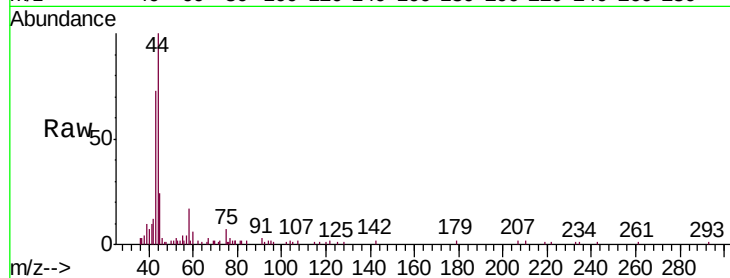
T9-12-13-K3-(0)

Tgt Ion: 43 Resp: 29835

Ion Ratio Lower Upper

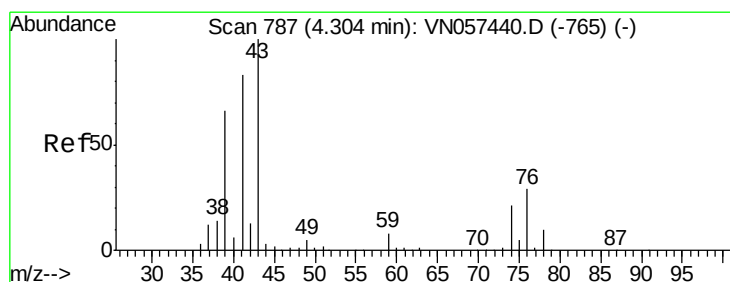
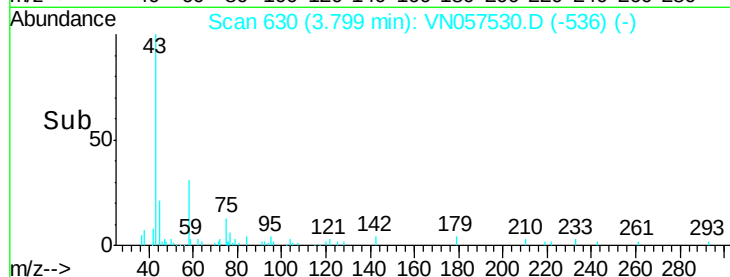
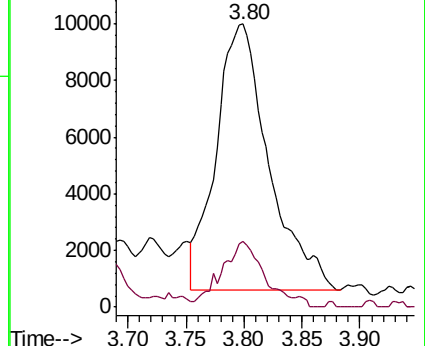
43 100

58 24.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 2.973 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN057530.D

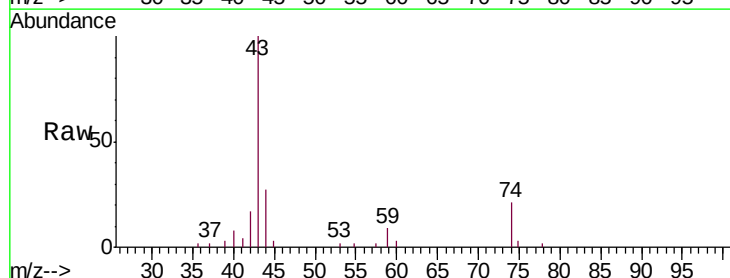
Acq: 26 Aug 2019 23:46

Tgt Ion: 43 Resp: 26649

Ion Ratio Lower Upper

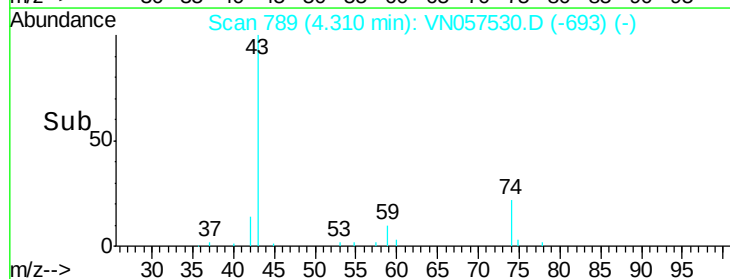
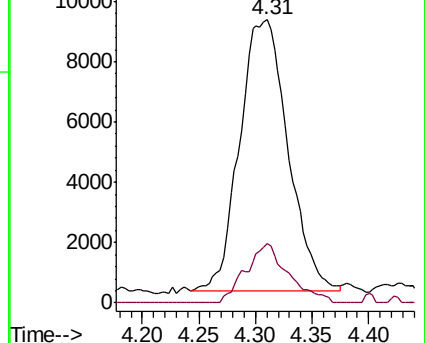
43 100

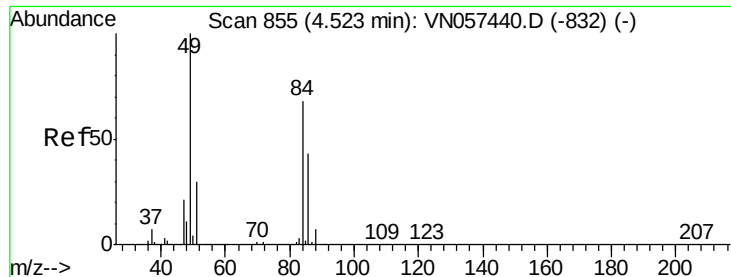
74 19.3 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

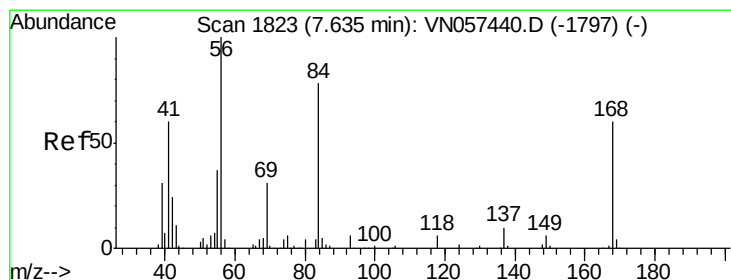
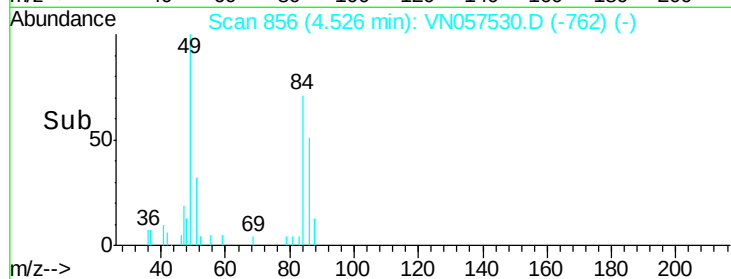
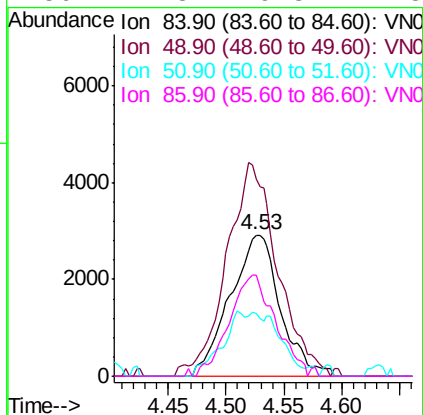
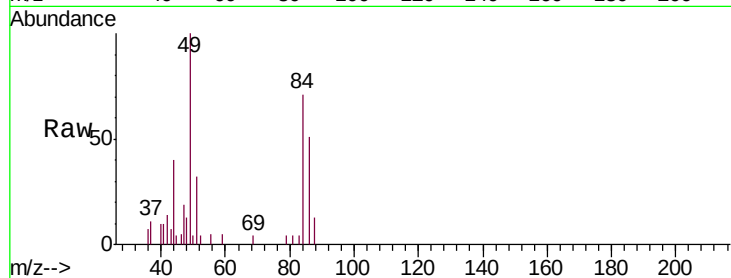




#20
Methylene Chloride
Concen: 1.791 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN057530.D
Acq: 26 Aug 2019 23:46

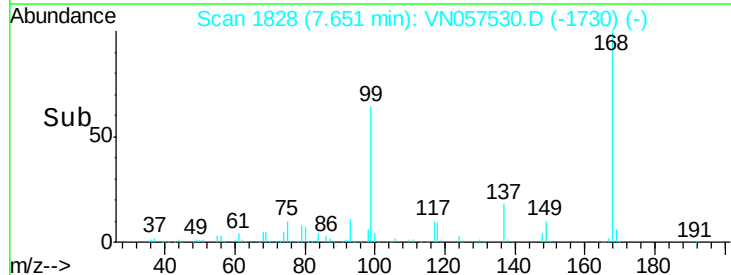
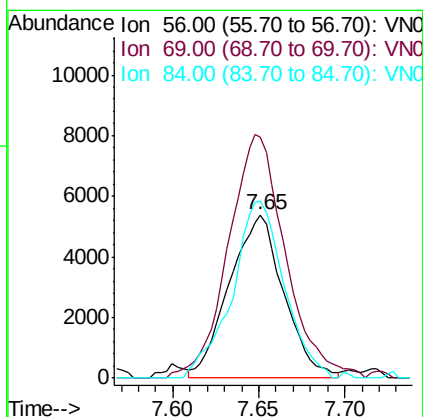
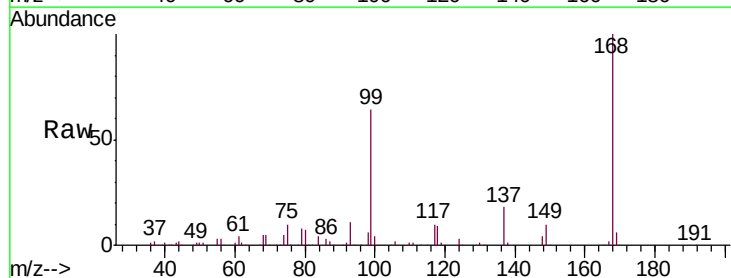
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T9-12-13-K3-(0)

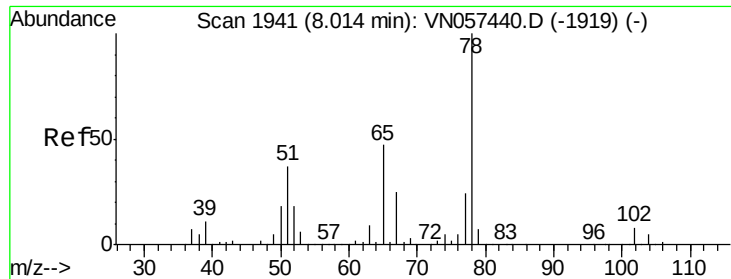
Tgt Ion:	84	Resp:	8814
Ion	Ratio	Lower	Upper
84	100		
49	134.3	117.0	175.4
51	44.8	35.5	53.3
86	71.3	49.8	74.8



#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN057530.D
Acq: 26 Aug 2019 23:46

Tgt Ion:	56	Resp:	11839
Ion	Ratio	Lower	Upper
56	100		
69	144.6	25.0	37.6#
84	112.0	62.5	93.7#

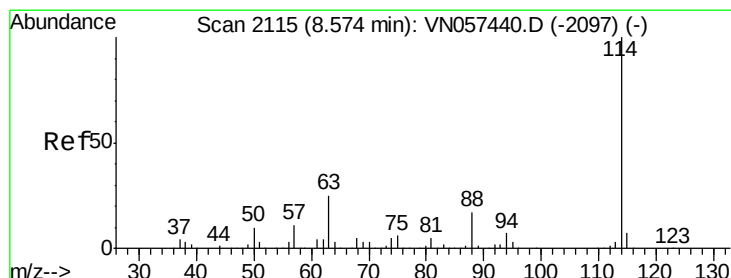
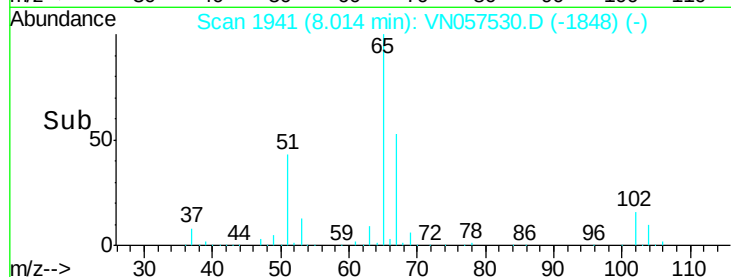
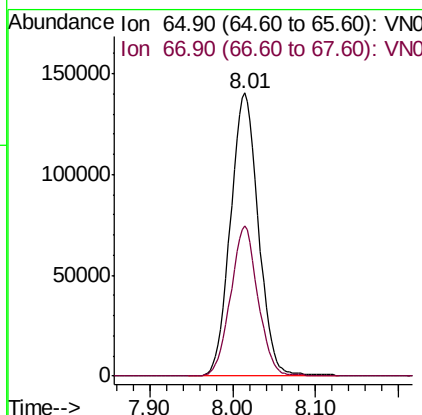
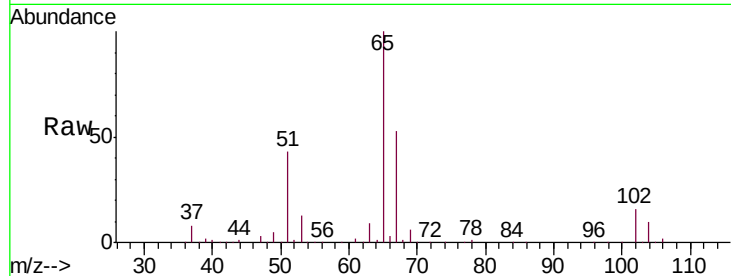




#33
 1,2-Dichloroethane-d4
 Concen: 47.423 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057530.D
 Acq: 26 Aug 2019 23:46

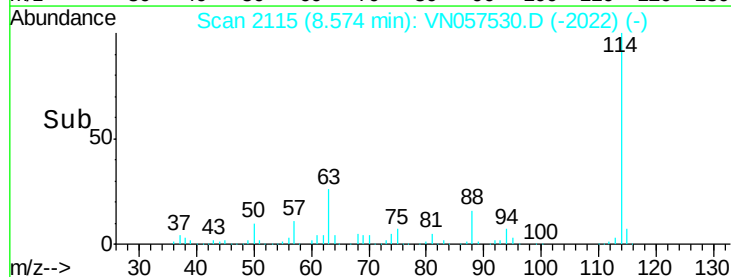
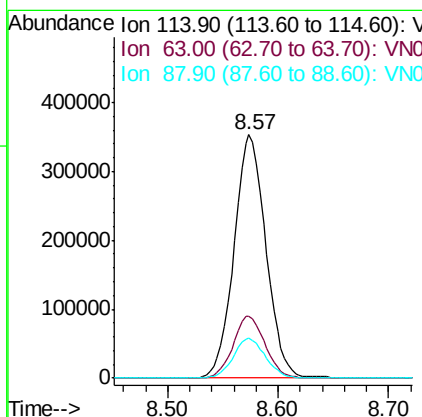
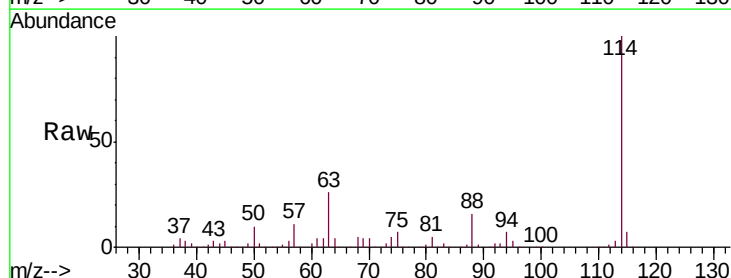
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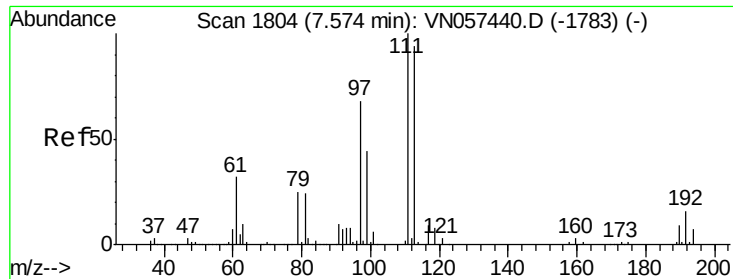
Tgt Ion: 65 Resp: 329517
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057530.D
 Acq: 26 Aug 2019 23:46

Tgt Ion: 114 Resp: 707537
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 50.2
 88 16.2 0.0 34.6

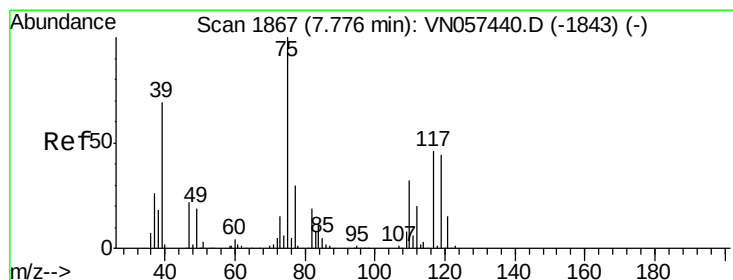
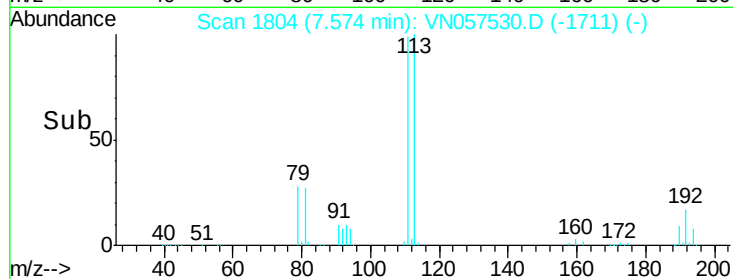
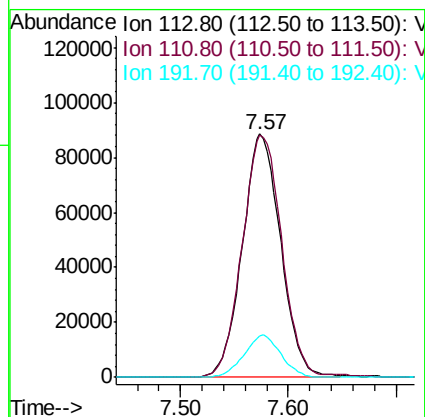
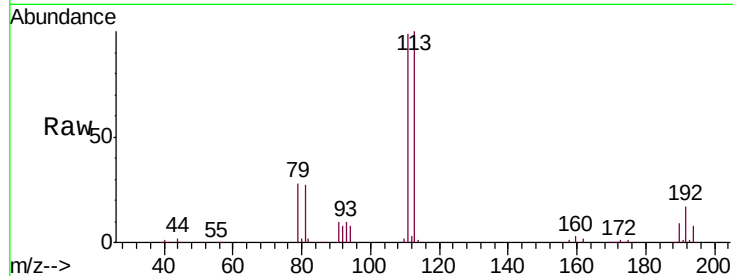




#35
 Dibromofluoromethane
 Concen: 45.797 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057530.D
 Acq: 26 Aug 2019 23:46

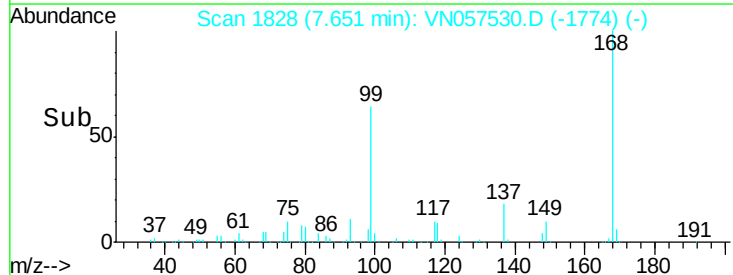
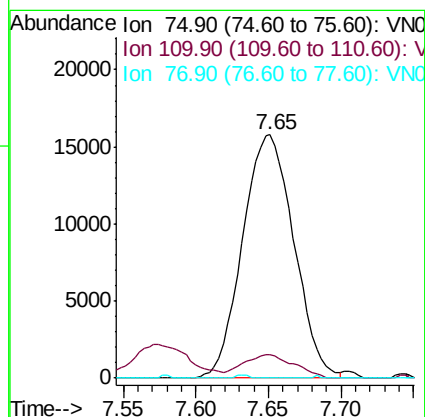
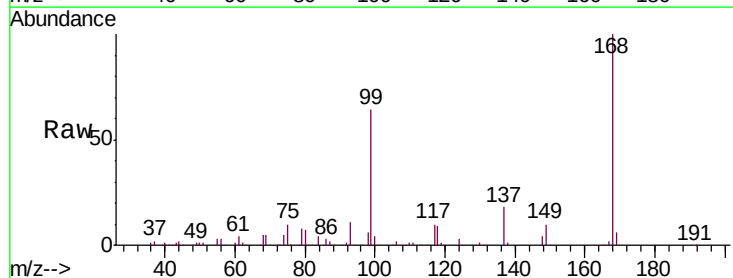
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K3-(0)

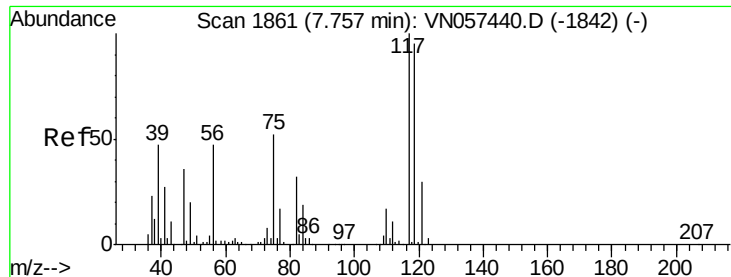
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.8	125.6
192	16.6	13.5	20.3



#36
 1,1-Dichloropropene
 Concen: 5.360 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057530.D
 Acq: 26 Aug 2019 23:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	16.1	48.3#
77	0.3	24.8	37.2#

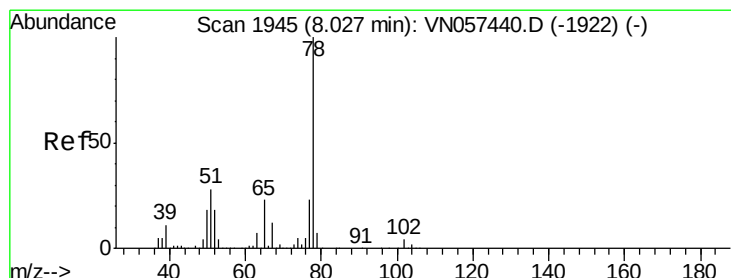
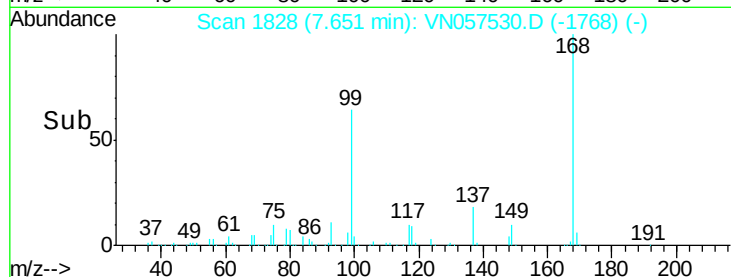
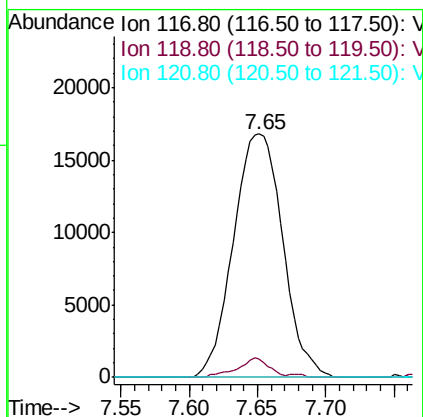
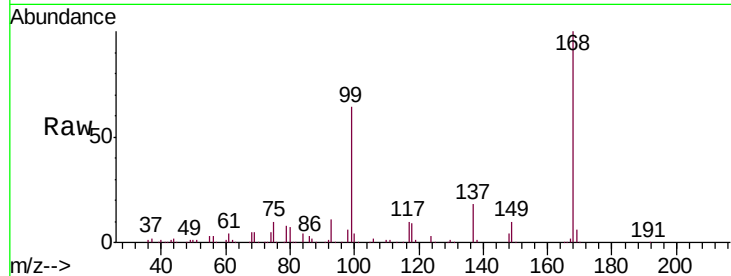




#38
Carbon Tetrachloride
Concen: 5.870 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN057530.D
Acq: 26 Aug 2019 23:46

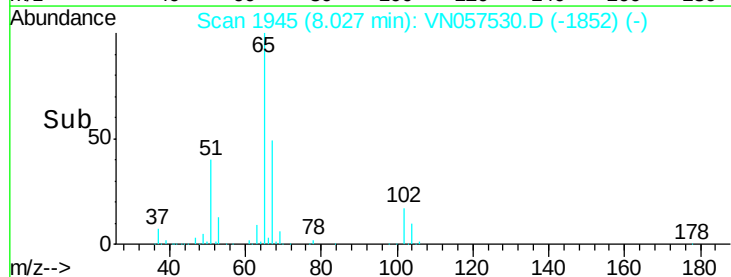
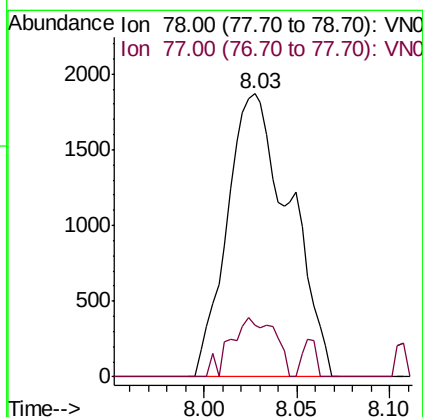
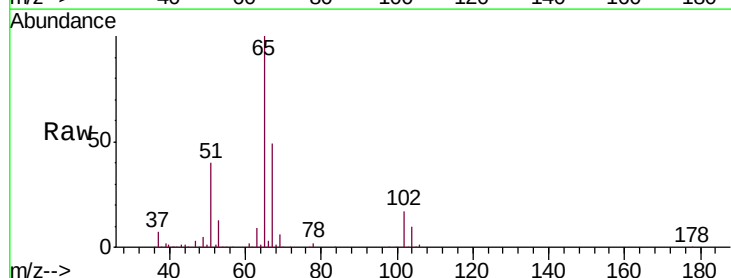
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K3-(0)

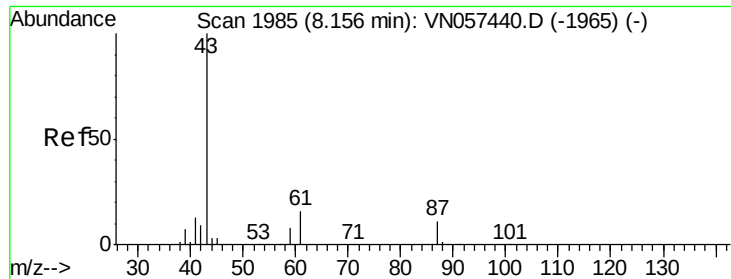
Tgt Ion: 117 Resp: 42157
Ion Ratio Lower Upper
117 100
119 7.8 76.2 114.4#
121 0.0 23.8 35.6#



#40
Benzene
Concen: 0.202 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN057530.D
Acq: 26 Aug 2019 23:46

Tgt Ion: 78 Resp: 4390
Ion Ratio Lower Upper
78 100
77 18.4 18.5 27.7#





#43

Isopropyl Acetate

Concen: 3.277 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K3-(0)

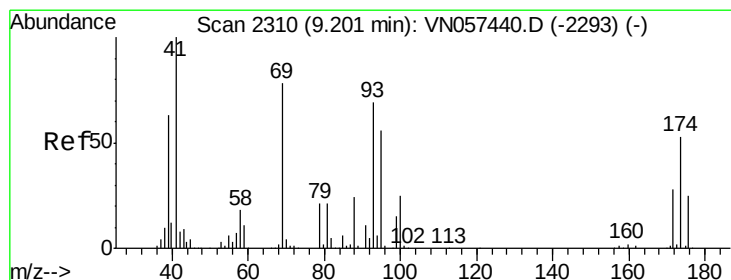
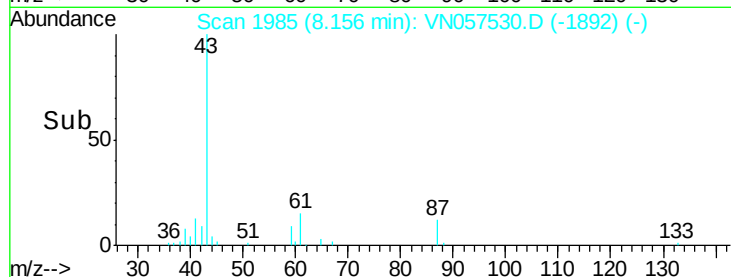
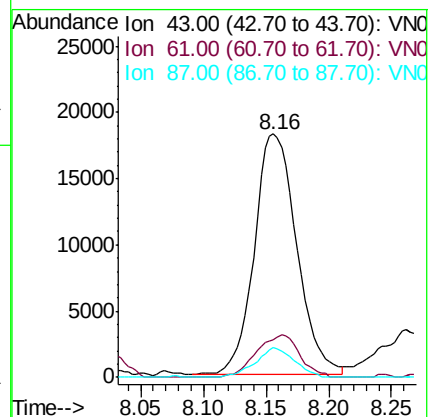
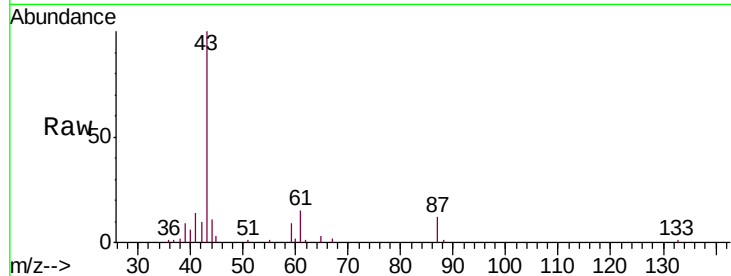
Tgt Ion: 43 Resp: 42921

Ion Ratio Lower Upper

43 100

61 18.0 14.5 21.7

87 11.2 8.6 12.8



#46

Dibromomethane

Concen: Below Cal

RT: 9.28 min Scan# 2336

Delta R.T. 0.08 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

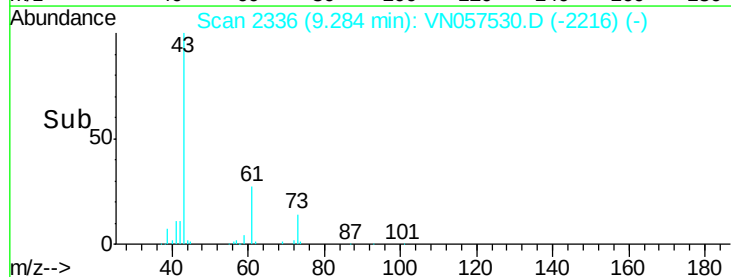
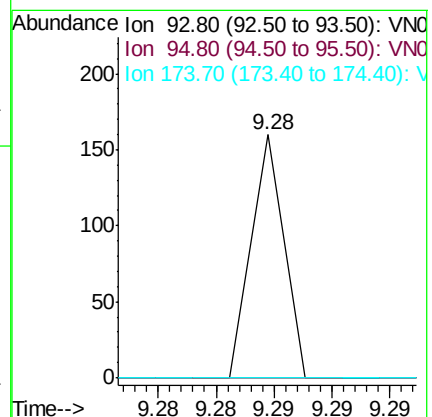
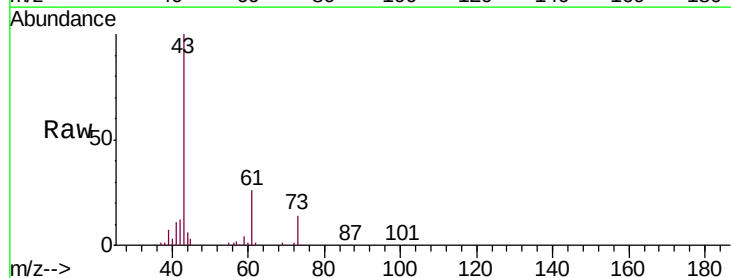
Tgt Ion: 93 Resp: 31

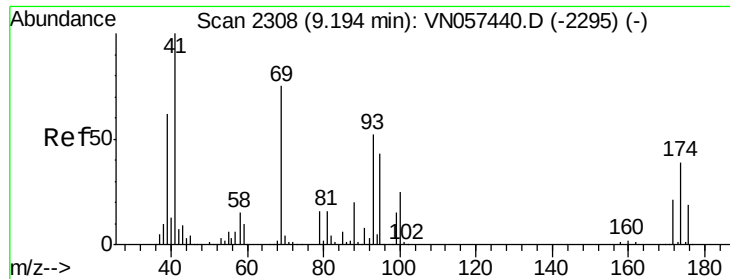
Ion Ratio Lower Upper

93 100

95 0.0 64.7 97.1#

174 0.0 62.3 93.5#

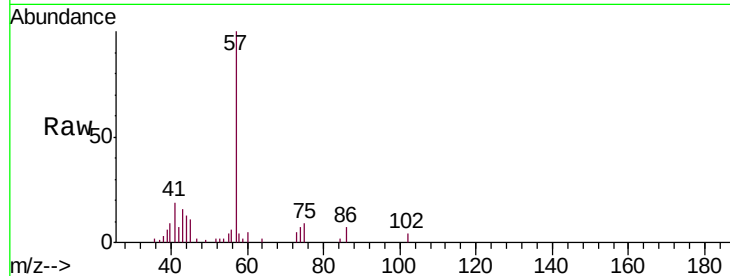




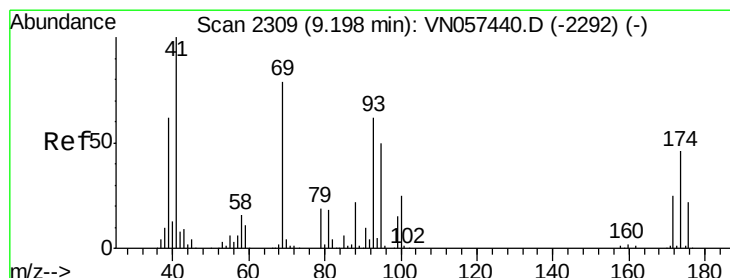
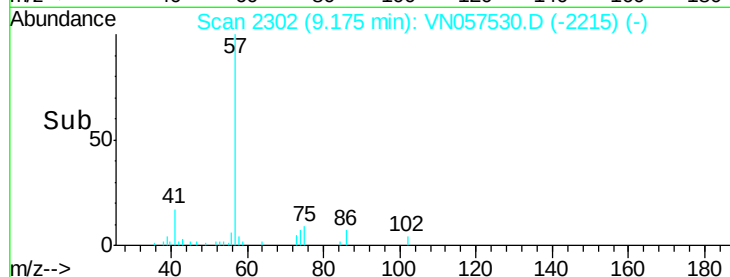
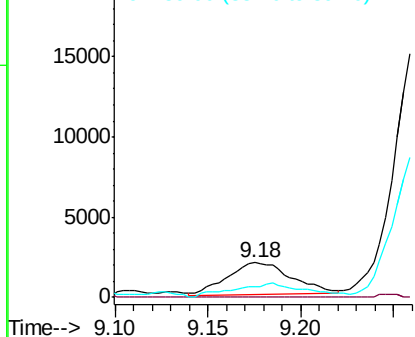
#48
Methyl methacrylate
Concen: 0.756 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057530.D
Acq: 26 Aug 2019 23:46

Instrument :
MSVOA_N
ClientSampled :
T9-12-13-K3-(0)

Tgt Ion: 41 Resp: 4706
Ion Ratio Lower Upper
41 100
69 0.0 59.3 88.9#
39 51.5 50.6 75.8

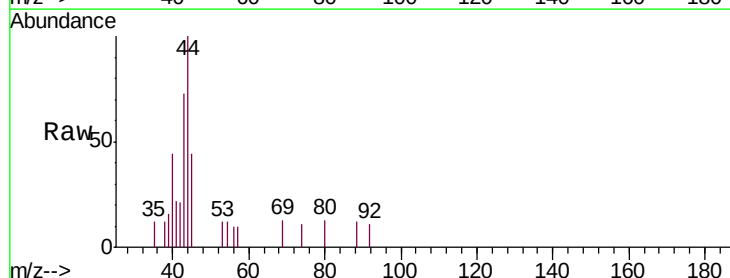


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

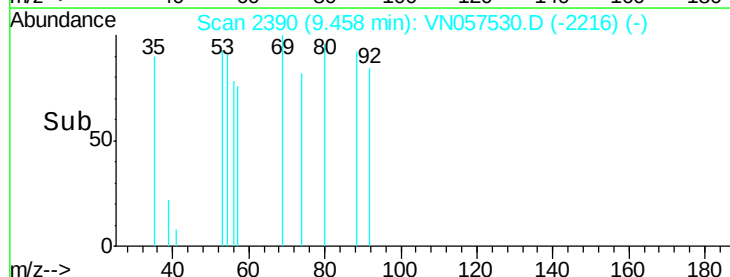
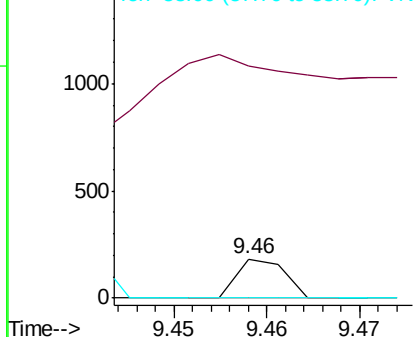


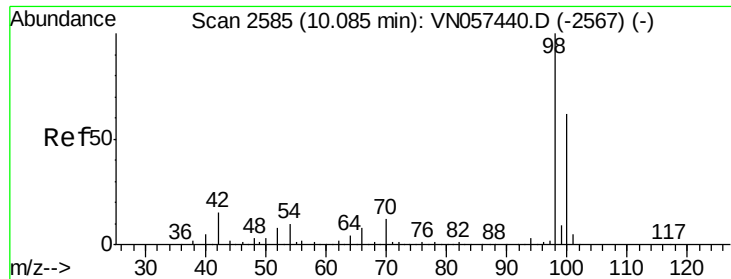
#49
1,4-Dioxane
Concen: 0.819 ug/l
RT: 9.46 min Scan# 2390
Delta R.T. 0.26 min
Lab File: VN057530.D
Acq: 26 Aug 2019 23:46

Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 107.6 64.5 96.7#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 50.650 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

Instrument :

MSVOA_N

ClientSampleId :

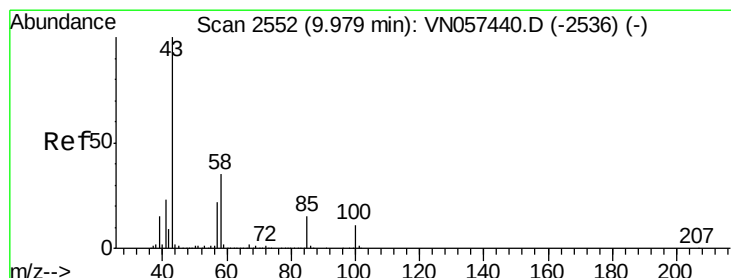
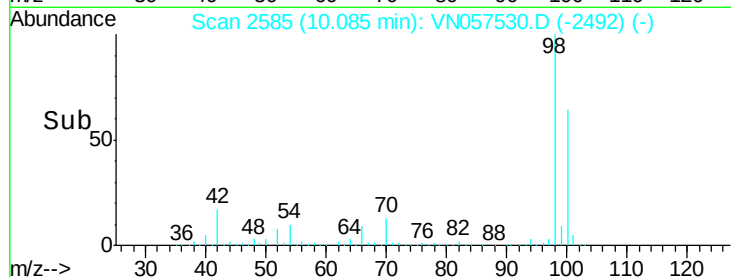
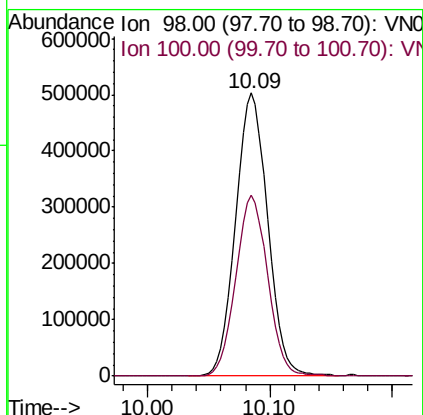
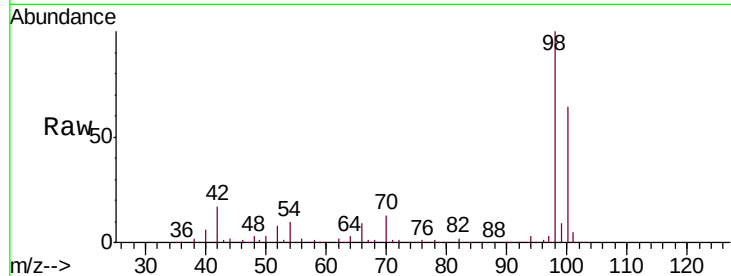
T9-12-13-K3-(0)

Tgt Ion: 98 Resp: 915280

Ion Ratio Lower Upper

98 100

100 63.5 50.4 75.6



#51

4-Methyl-2-Pentanone

Concen: 2.620 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN057530.D

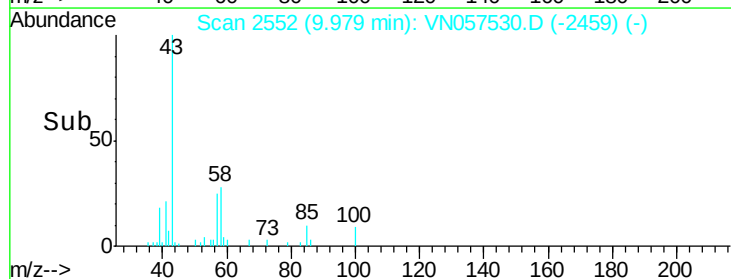
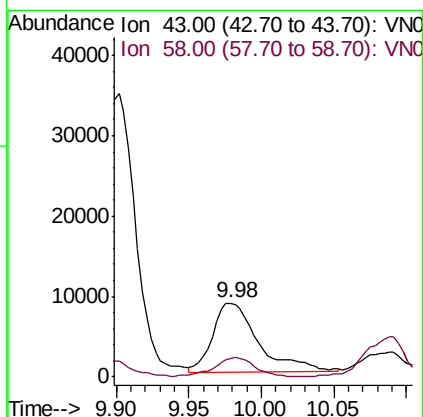
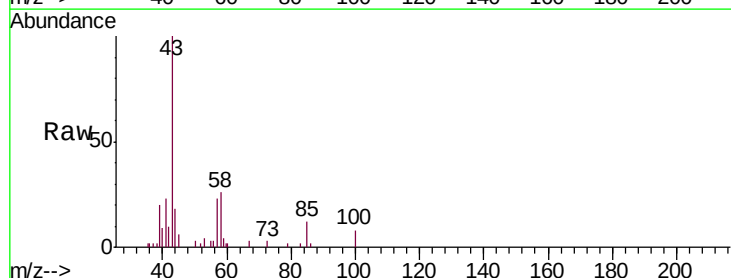
Acq: 26 Aug 2019 23:46

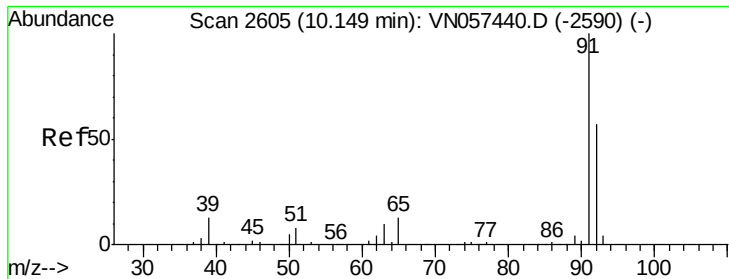
Tgt Ion: 43 Resp: 19128

Ion Ratio Lower Upper

43 100

58 24.9 27.9 41.9#





#52

Toluene

Concen: 0.230 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

Instrument :

MSVOA_N

ClientSampleId :

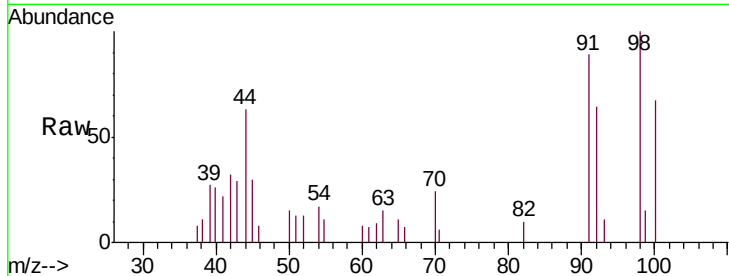
T9-12-13-K3-(0)

Tgt Ion: 92 Resp: 2876

Ion Ratio Lower Upper

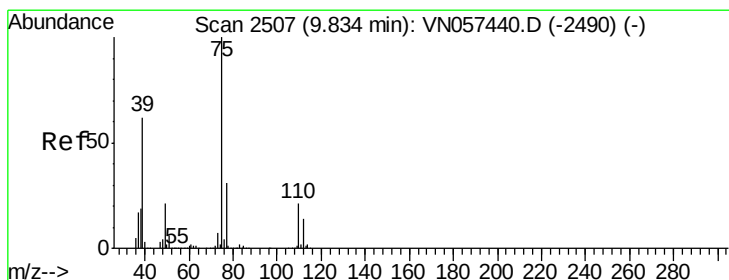
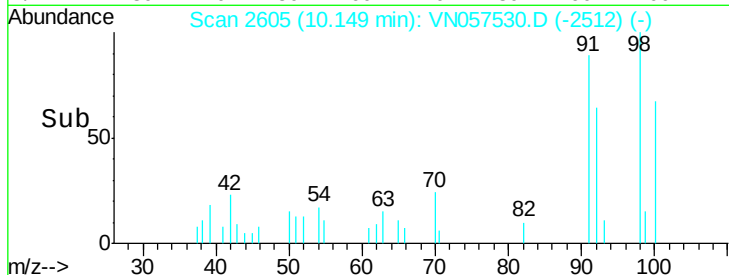
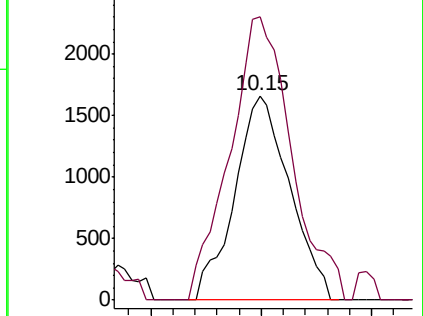
92 100

91 156.0 140.9 211.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 2.698 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

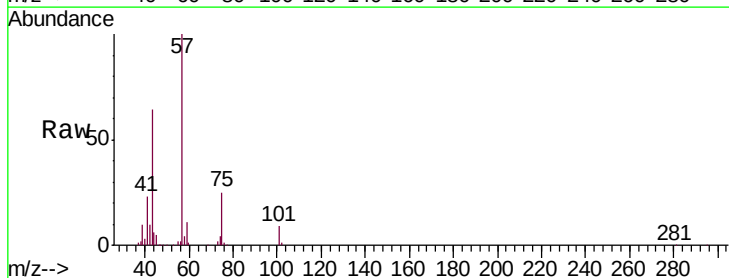
Tgt Ion: 75 Resp: 25373

Ion Ratio Lower Upper

75 100

77 1.2 25.0 37.6#

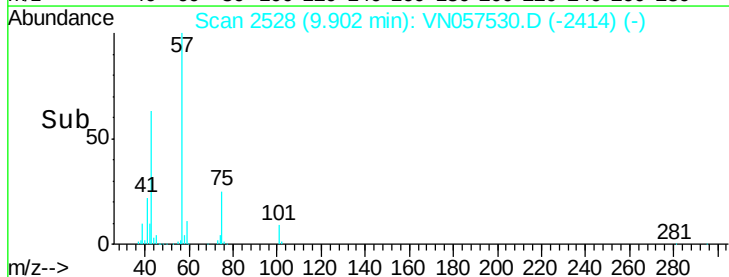
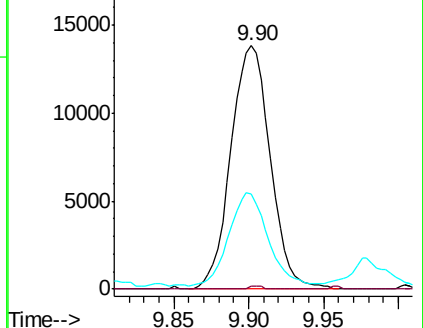
39 37.6 49.2 73.8#

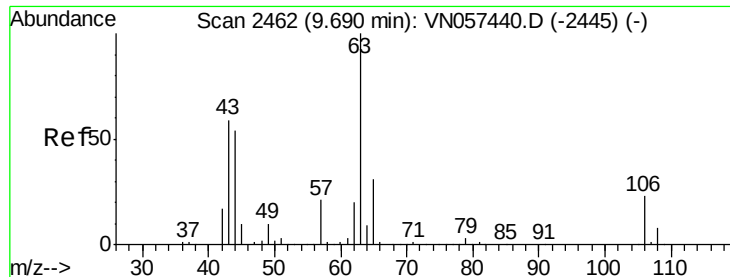


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

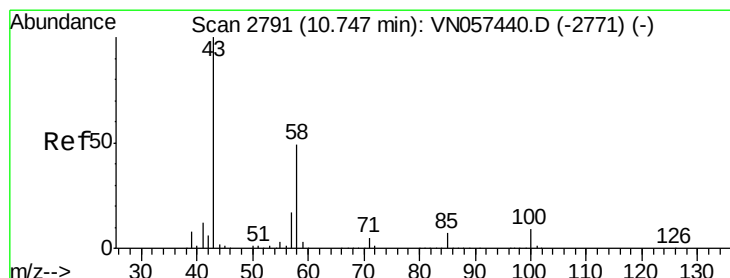
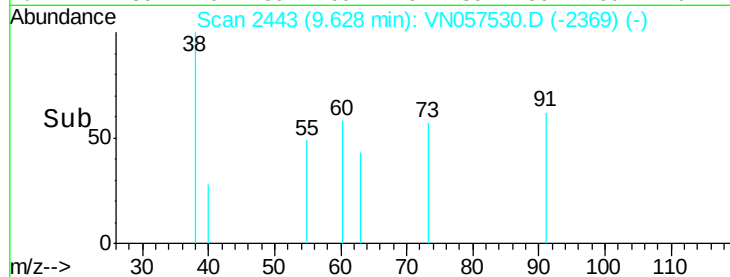
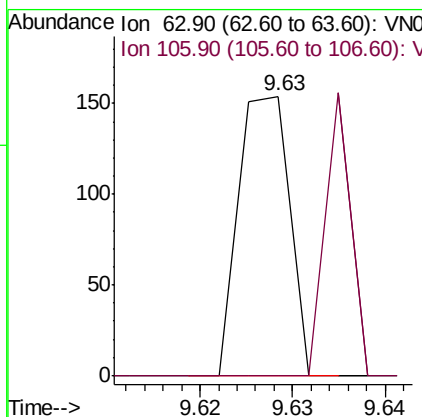
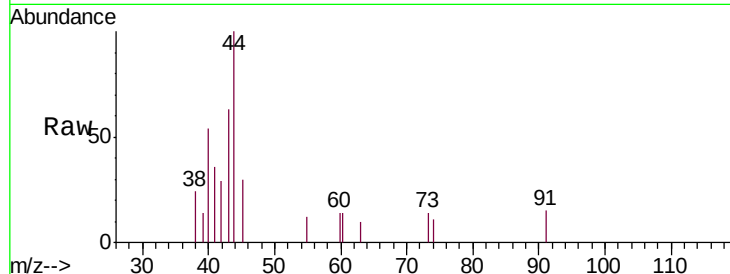




#58
 2-Chloroethyl Vinyl ether
 Concen: 17.089 ug/l
 RT: 9.63 min Scan# 2443
 Delta R.T. -0.06 min
 Lab File: VN057530.D
 Acq: 26 Aug 2019 23:46

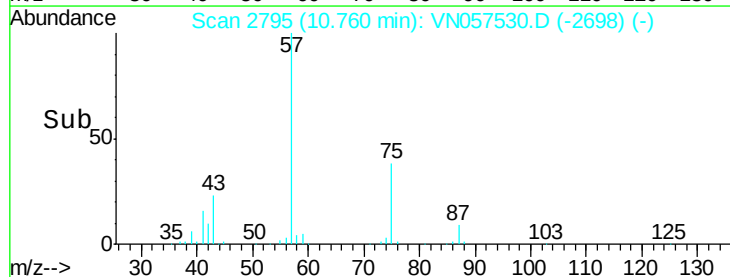
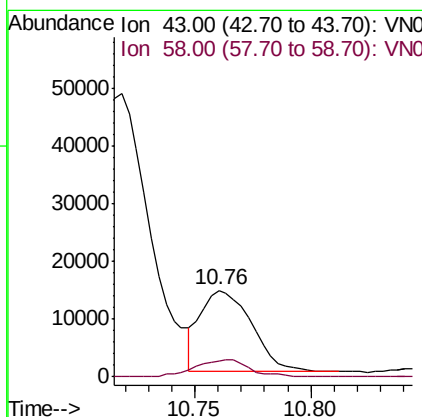
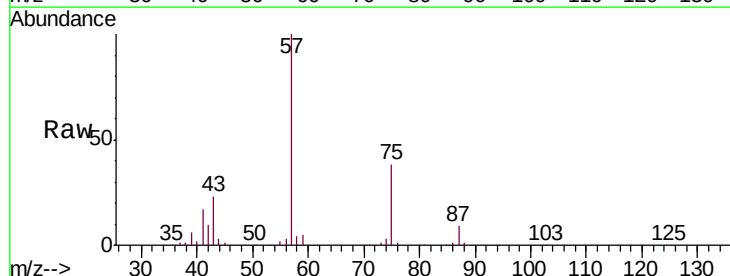
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K3-(0)

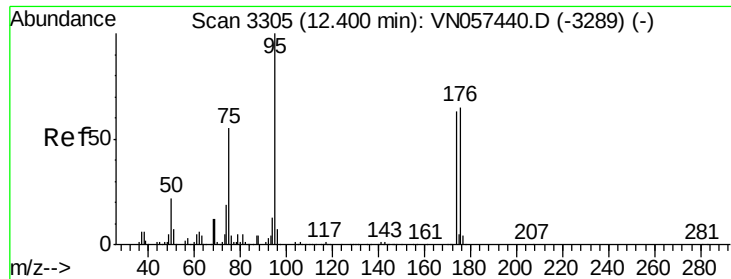
Tgt Ion: 63 Resp: 59
 Ion Ratio Lower Upper
 63 100
 106 50.8 18.6 27.8#



#59
 2-Hexanone
 Concen: 4.269 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057530.D
 Acq: 26 Aug 2019 23:46

Tgt Ion: 43 Resp: 21377
 Ion Ratio Lower Upper
 43 100
 58 22.4 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 41.252 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K3-(0)

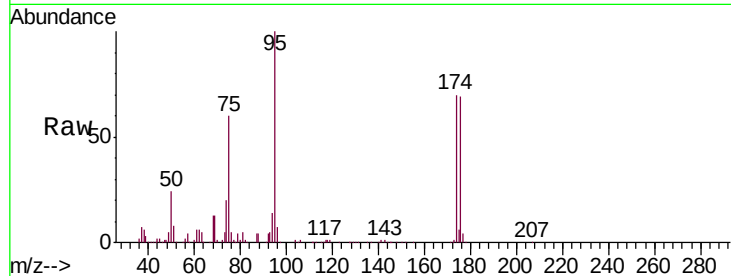
Tgt Ion: 95 Resp: 252623

Ion Ratio Lower Upper

95 100

174 68.3 0.0 133.0

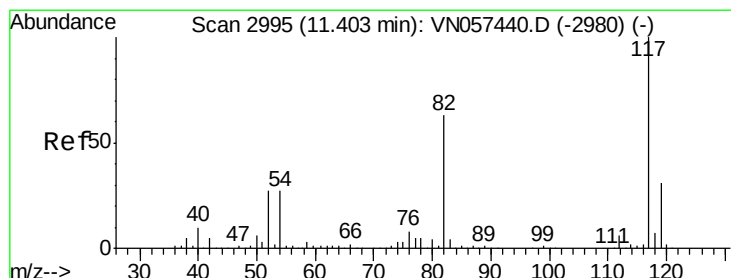
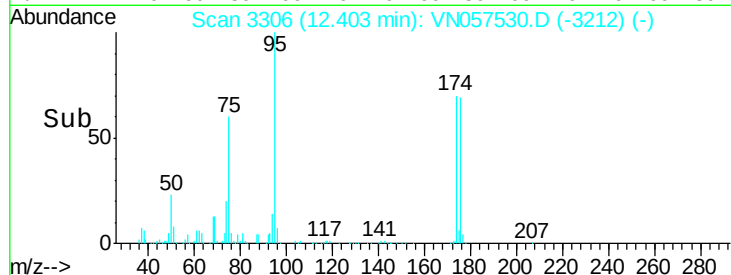
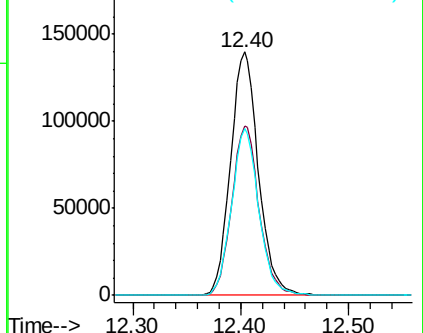
176 66.7 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057530.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN057530.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN057530.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

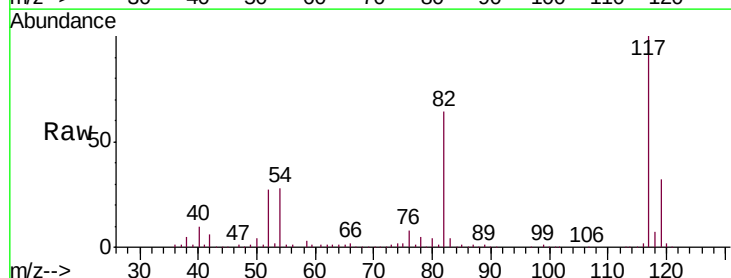
Tgt Ion: 117 Resp: 593189

Ion Ratio Lower Upper

117 100

82 63.5 50.6 75.8

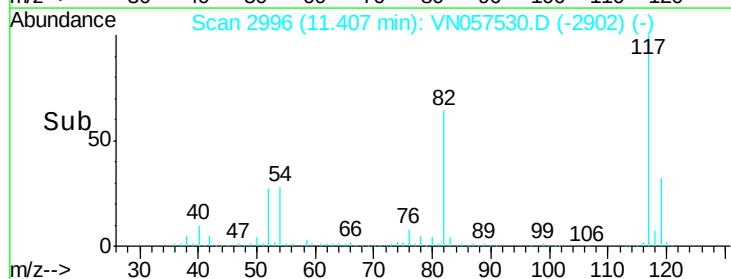
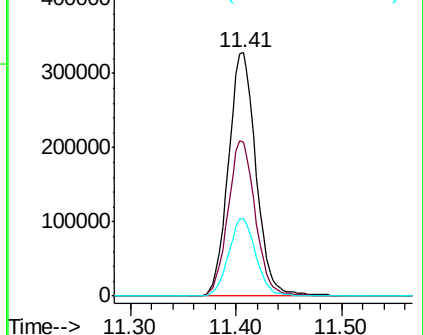
119 32.0 24.6 36.8

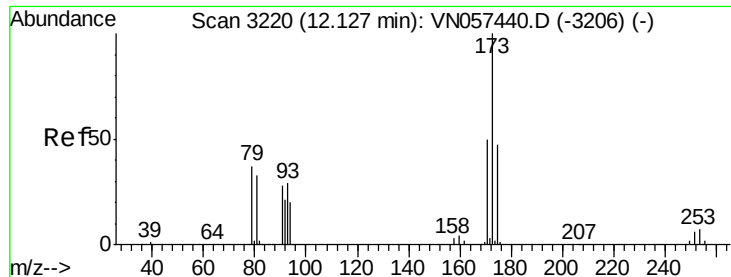


Abundance Ion 116.90 (116.60 to 117.60): VN057530.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN057530.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN057530.D (-2902) (-)





#71

Bromoform

Concen: 0.705 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

Instrument :

MSVOA_N

ClientSampled :

T9-12-13-K3-(0)

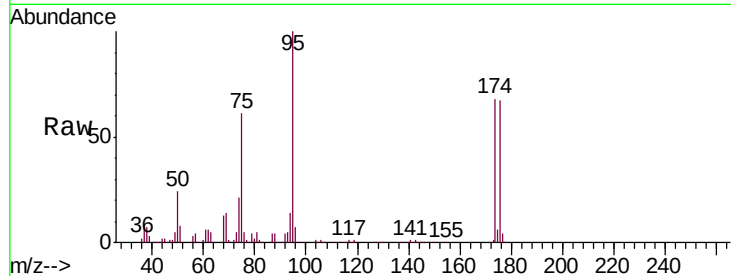
Tgt Ion:173 Resp: 2193

Ion Ratio Lower Upper

173 100

175 520.6 23.9 71.8#

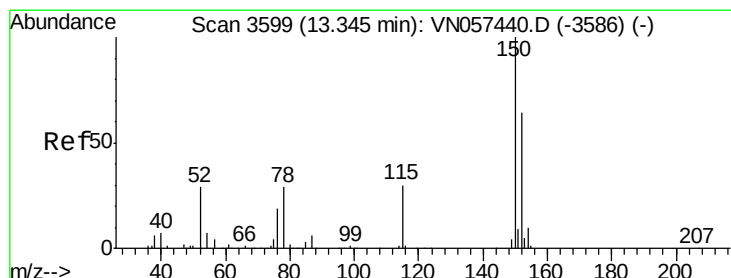
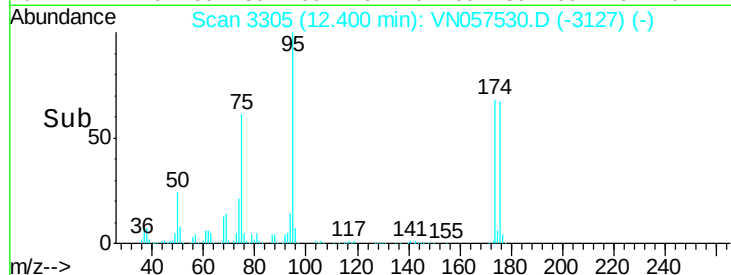
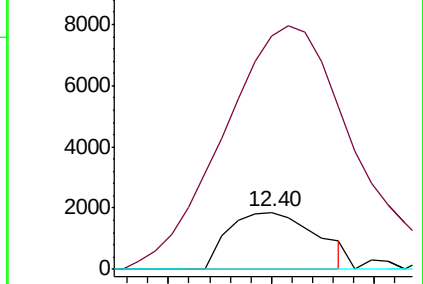
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

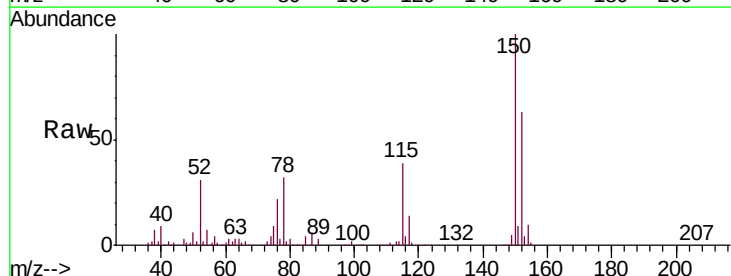
Tgt Ion:152 Resp: 150661

Ion Ratio Lower Upper

152 100

115 62.2 32.0 96.0

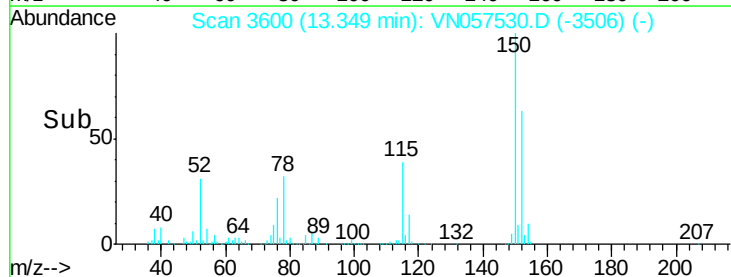
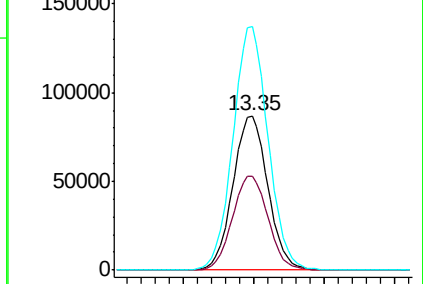
150 158.7 0.0 346.6

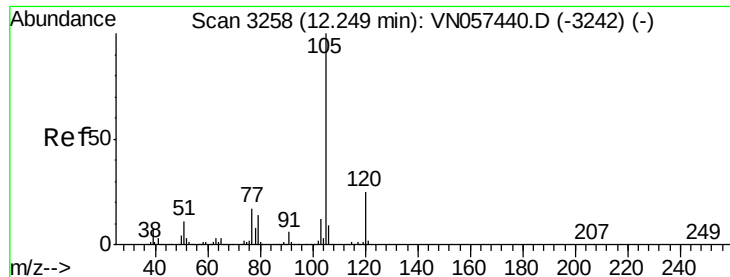


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.39 min Scan# 3303

Delta R.T. 0.15 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

Instrument :

MSVOA_N

ClientSampleId :

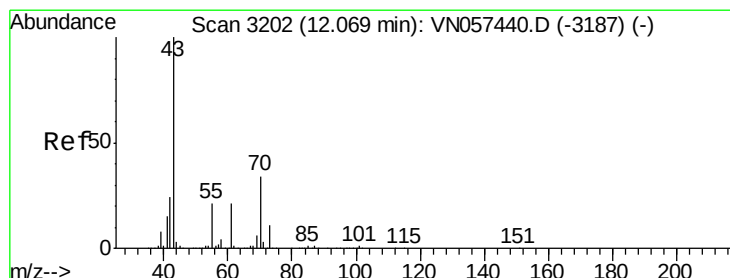
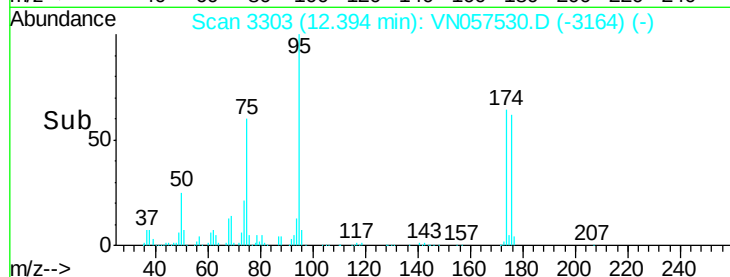
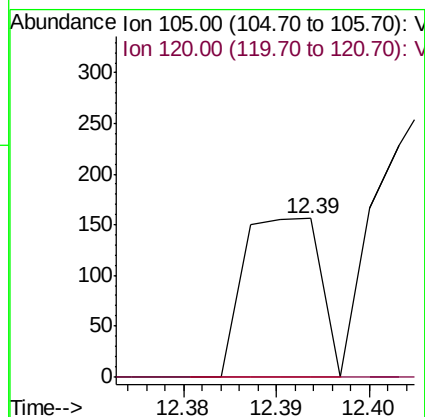
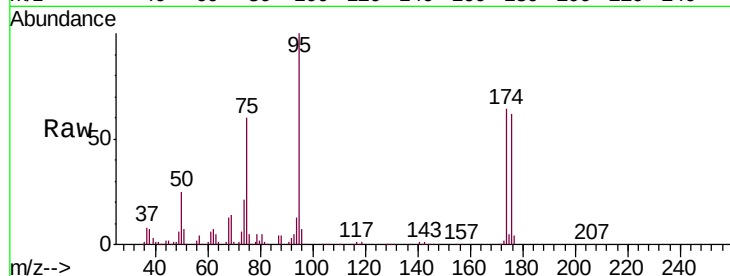
T9-12-13-K3-(0)

Tgt Ion:105 Resp: 89

Ion Ratio Lower Upper

105 100

120 0.0 12.7 38.0#



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

Tgt Ion: 43 Resp: 134

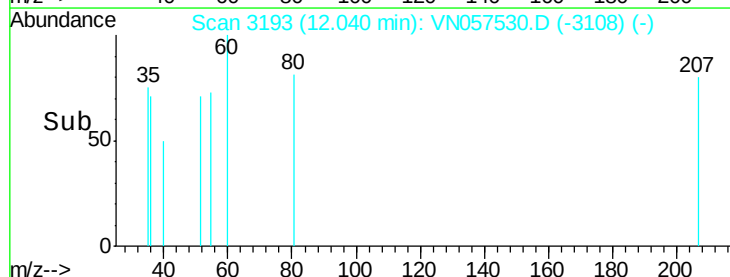
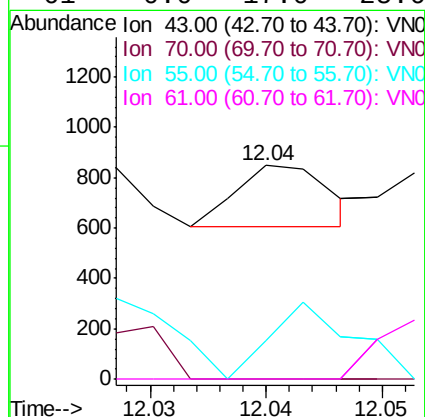
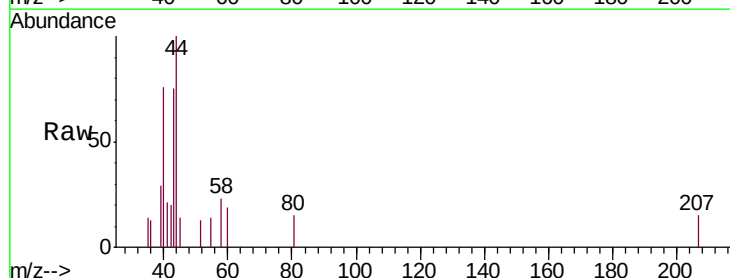
Ion Ratio Lower Upper

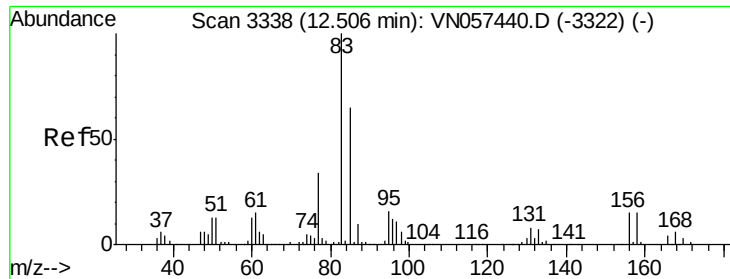
43 100

70 0.0 27.8 41.6#

55 113.4 17.0 25.4#

61 0.0 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.55 min Scan# 3353

Delta R.T. 0.05 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K3-(0)

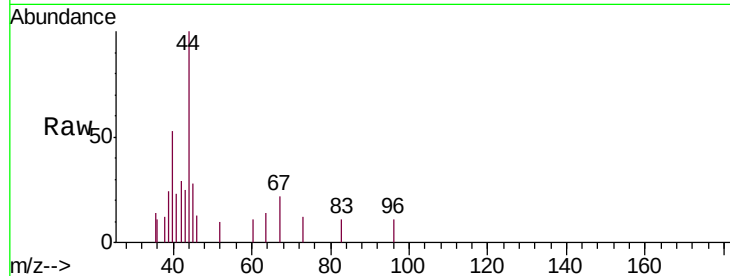
Tgt Ion: 83 Resp: 31

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

85 100.0 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

12.55

150

100

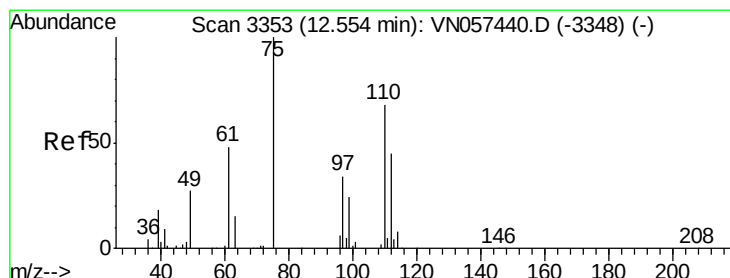
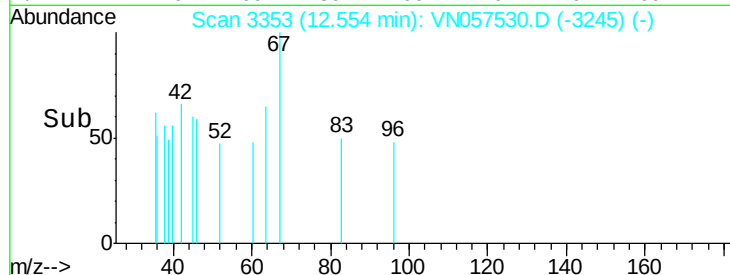
50

0

12.55

12.56

Time-->



#76

1,2,3-Trichloropropane

Concen: 44.415 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057530.D

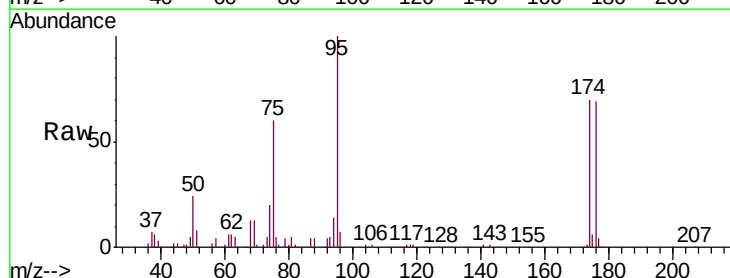
Acq: 26 Aug 2019 23:46

Tgt Ion: 75 Resp: 149507

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

80000

60000

40000

20000

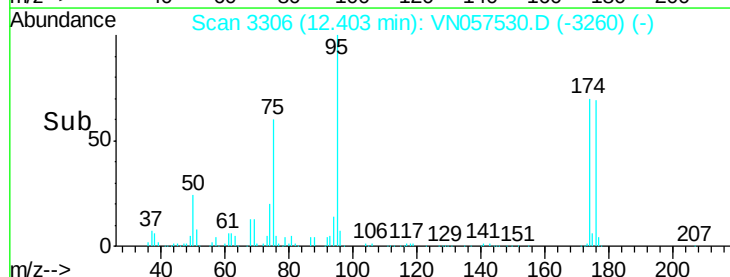
0

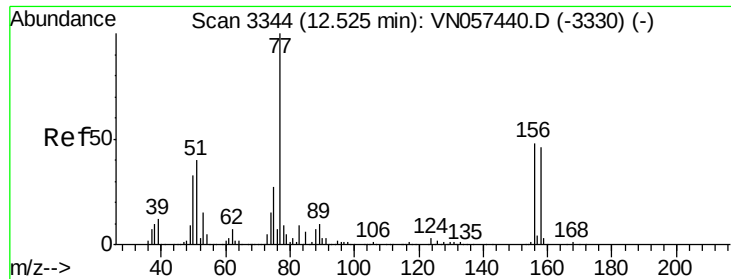
12.30

12.40

12.50

Time-->

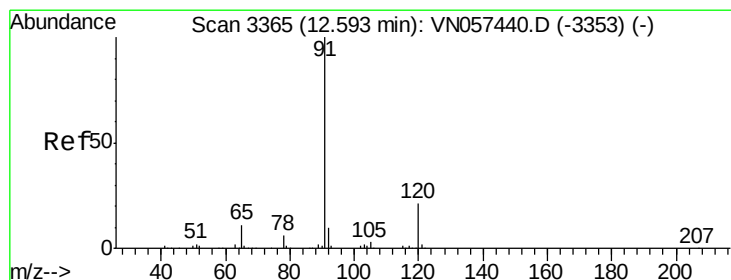
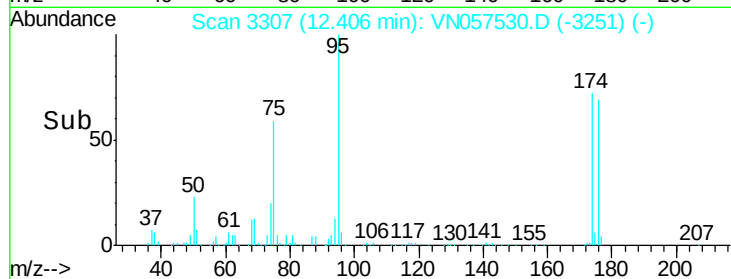
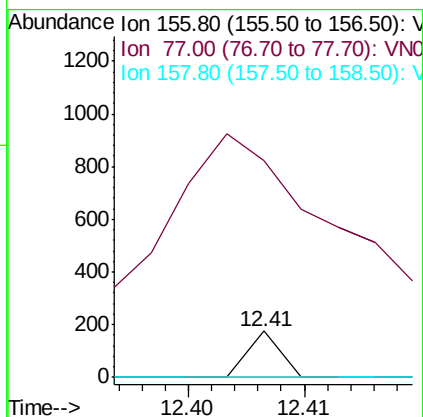
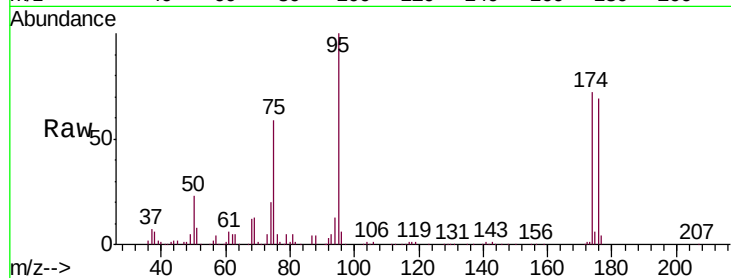




#77
Bromobenzene
Concen: Below Cal
RT: 12.41 min Scan# 3307
Delta R.T. -0.12 min
Lab File: VN057530.D
Acq: 26 Aug 2019 23:46

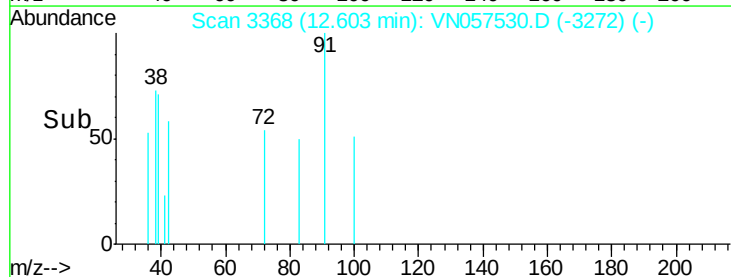
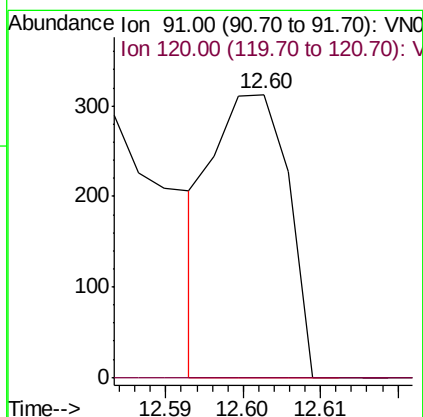
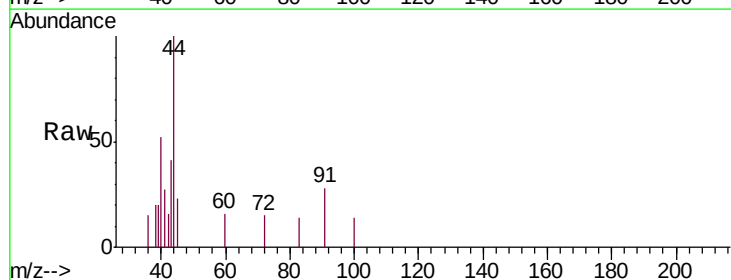
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K3-(0)

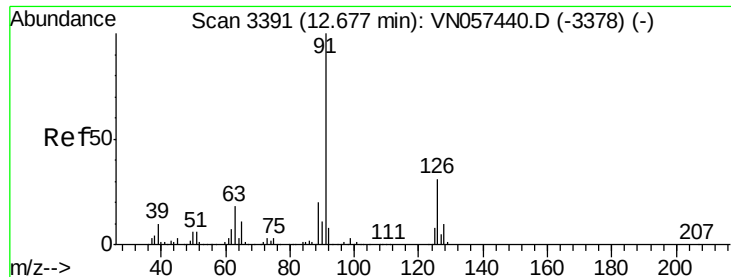
Tgt Ion: 156 Resp: 34
Ion Ratio Lower Upper
156 100
77 3770.6 124.4 373.3#
158 0.0 48.3 144.8#



#78
n-propylbenzene
Concen: Below Cal
RT: 12.60 min Scan# 3368
Delta R.T. 0.01 min
Lab File: VN057530.D
Acq: 26 Aug 2019 23:46

Tgt Ion: 91 Resp: 211
Ion Ratio Lower Upper
91 100
120 0.0 10.7 32.1#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.60 min Scan# 3368

Delta R.T. -0.07 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

Instrument :

MSVOA_N

ClientSampleId :

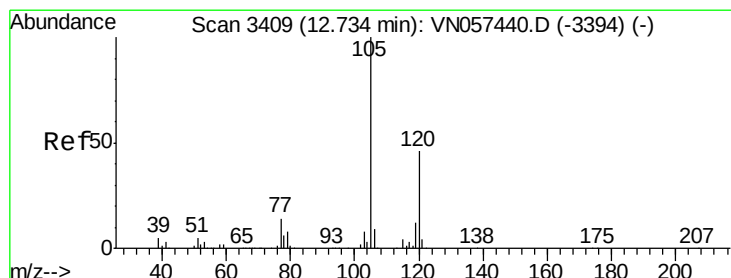
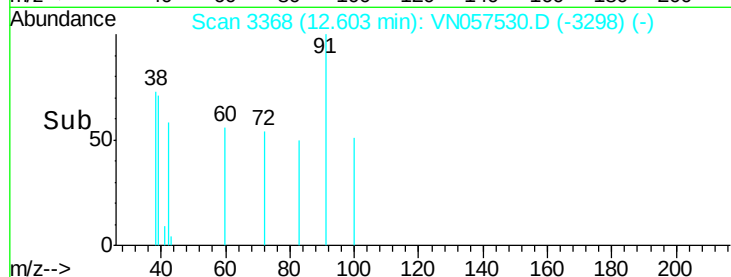
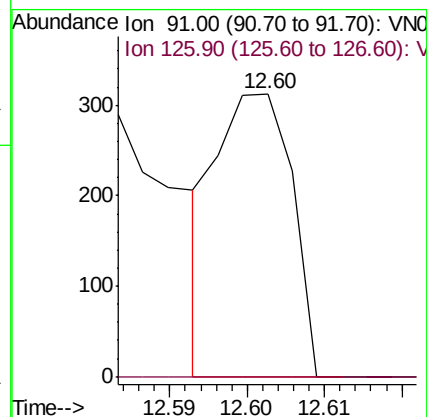
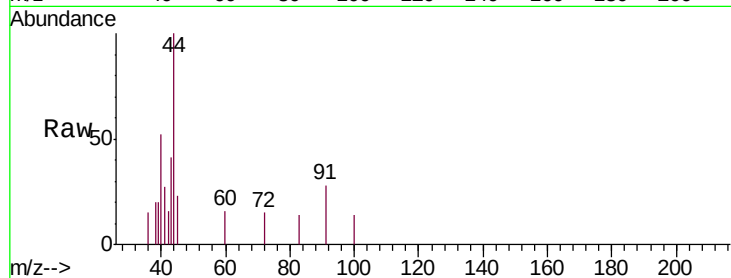
T9-12-13-K3-(0)

Tgt Ion: 91 Resp: 211

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.8#



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.75 min Scan# 3415

Delta R.T. 0.02 min

Lab File: VN057530.D

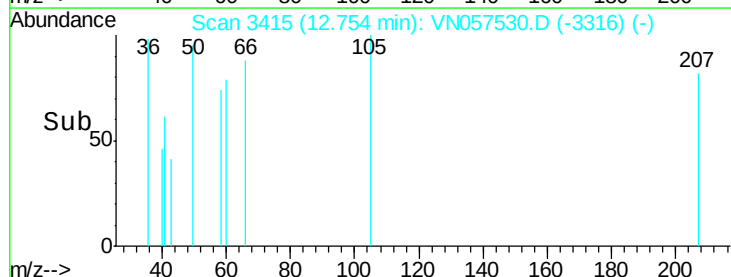
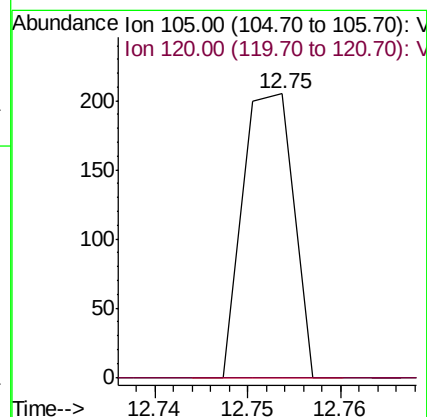
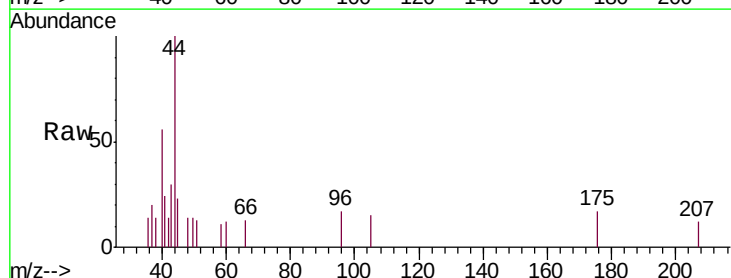
Acq: 26 Aug 2019 23:46

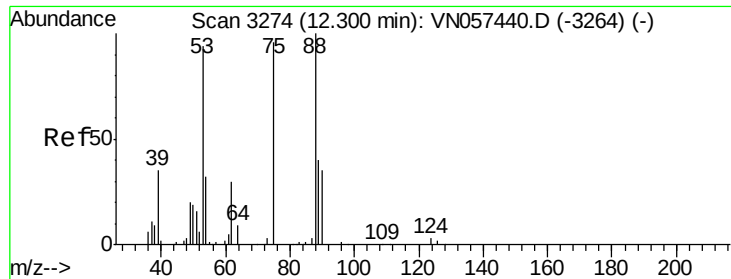
Tgt Ion: 105 Resp: 78

Ion Ratio Lower Upper

105 100

120 0.0 23.3 69.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 113.936 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K3-(0)

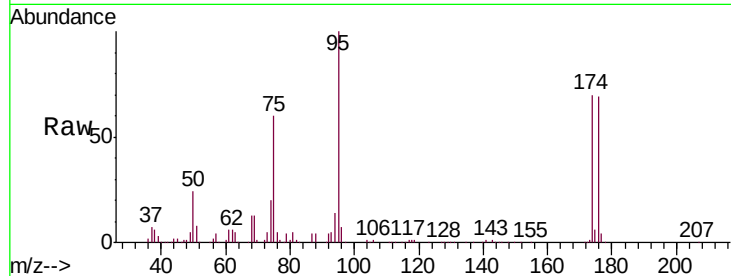
Tgt Ion: 75 Resp: 149507

Ion Ratio Lower Upper

75 100

53 0.0 82.7 124.1#

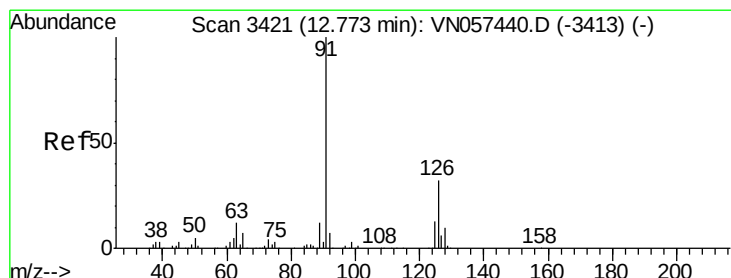
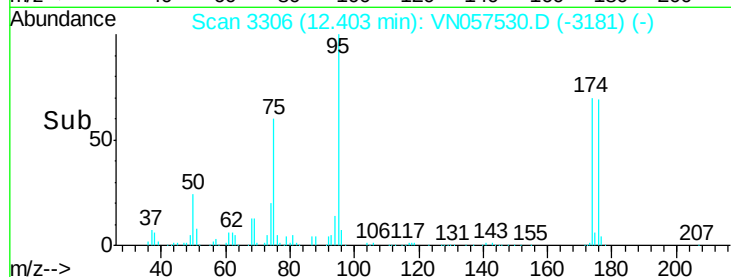
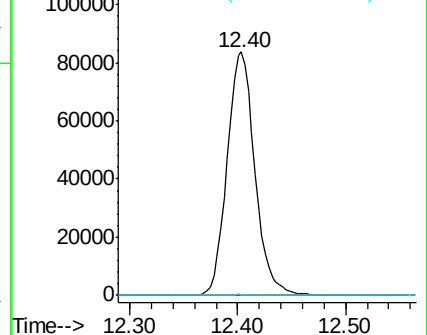
89 0.1 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057530.D

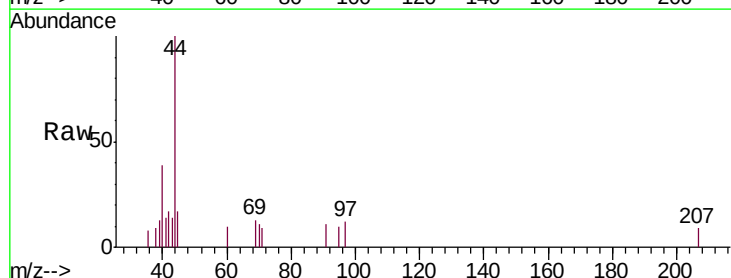
Acq: 26 Aug 2019 23:46

Tgt Ion: 91 Resp: 76

Ion Ratio Lower Upper

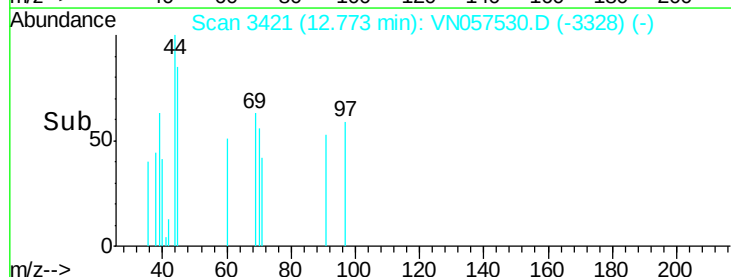
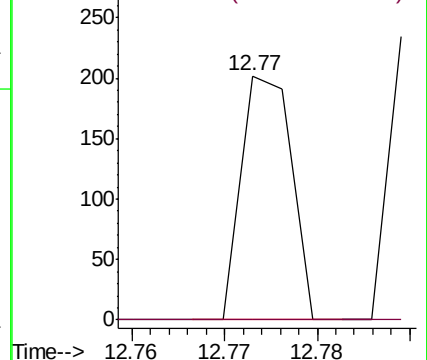
91 100

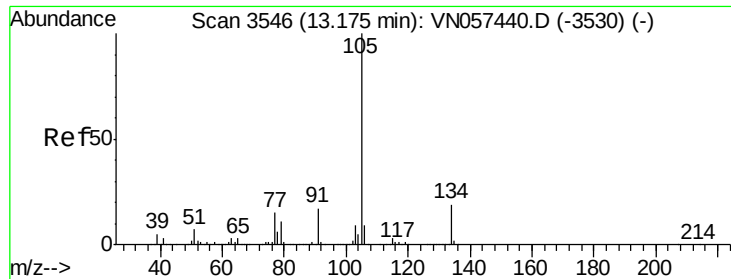
126 0.0 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN057530.D

Acq: 26 Aug 2019 23:46

Instrument :

MSVOA_N

ClientSampleId :

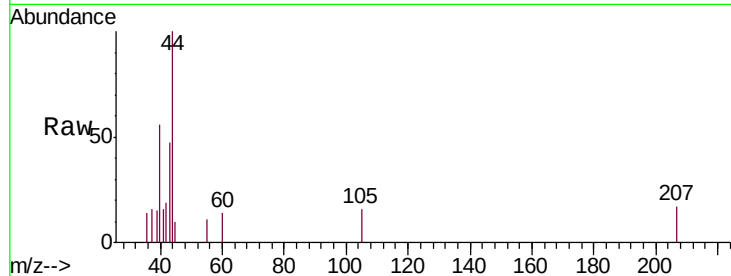
T9-12-13-K3-(0)

Tgt Ion:105 Resp: 242

Ion Ratio Lower Upper

105 100

134 0.0 9.3 27.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

250

200

150

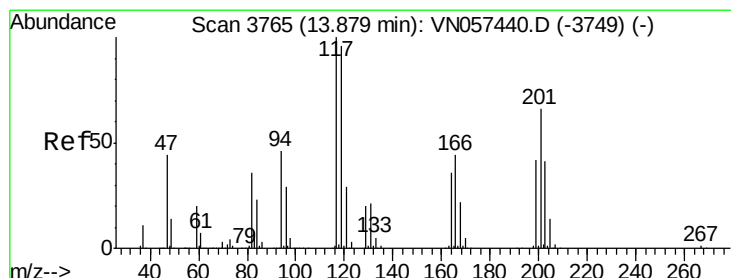
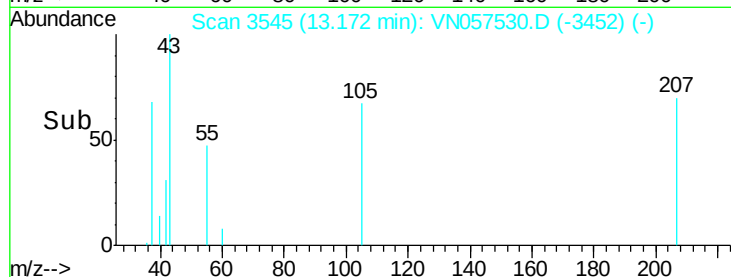
100

50

0

13.16 13.18

Time-->



#90

Hexachloroethane

Concen: Below Cal

RT: 13.76 min Scan# 3728

Delta R.T. -0.12 min

Lab File: VN057530.D

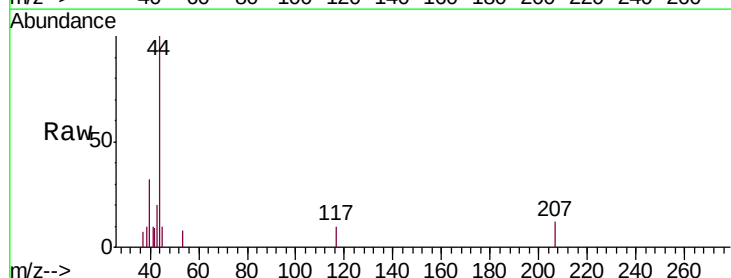
Acq: 26 Aug 2019 23:46

Tgt Ion:117 Resp: 79

Ion Ratio Lower Upper

117 100

201 0.0 33.1 99.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

250

200

150

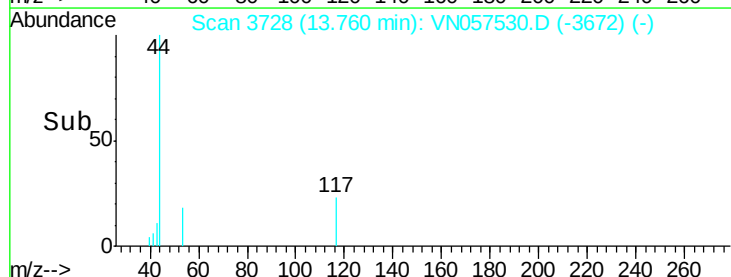
100

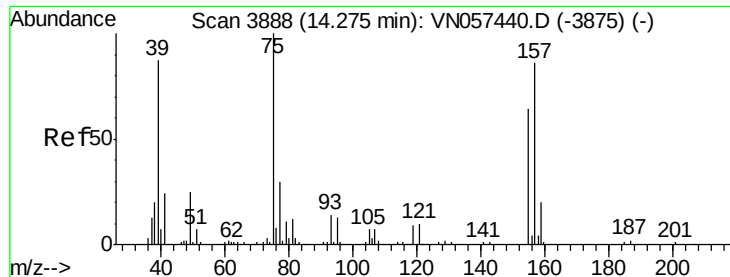
50

0

13.75 13.76 13.77

Time-->

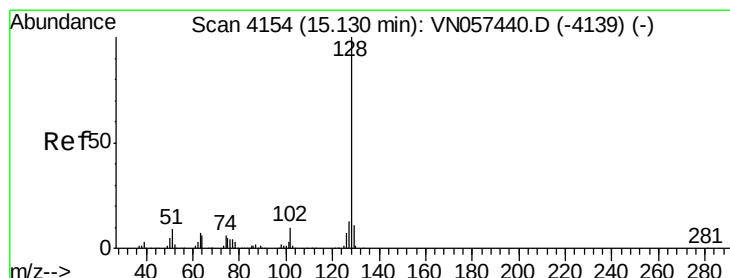
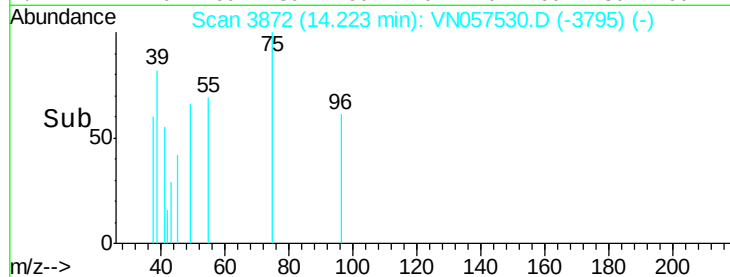
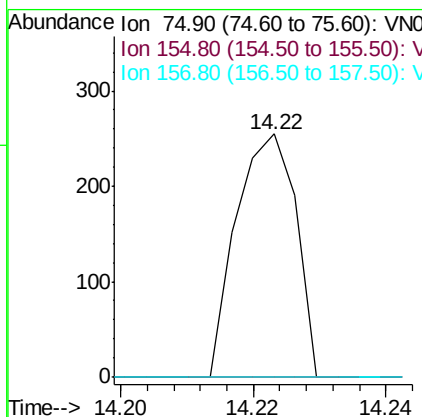
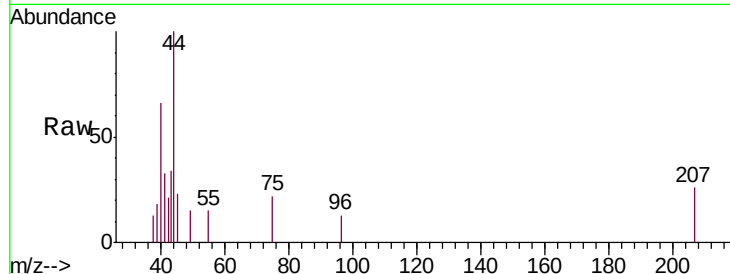




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.22 min Scan# 3872
 Delta R.T. -0.05 min
 Lab File: VN057530.D
 Acq: 26 Aug 2019 23:46

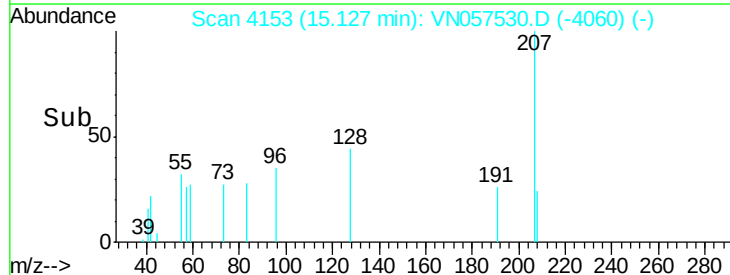
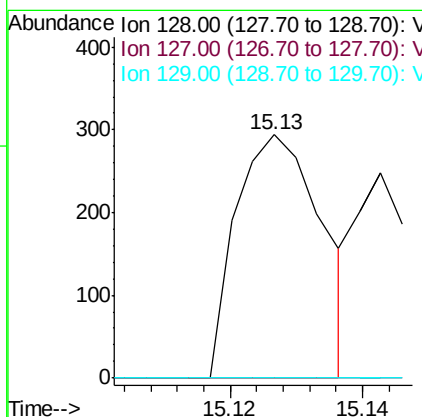
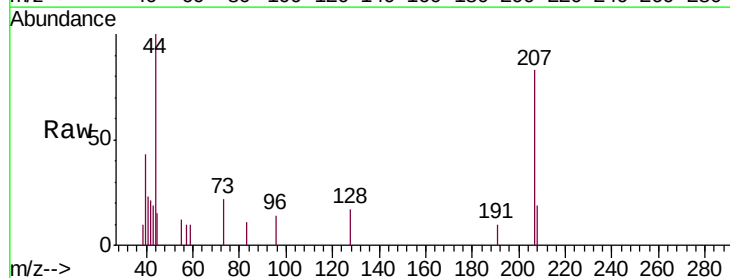
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K3-(0)

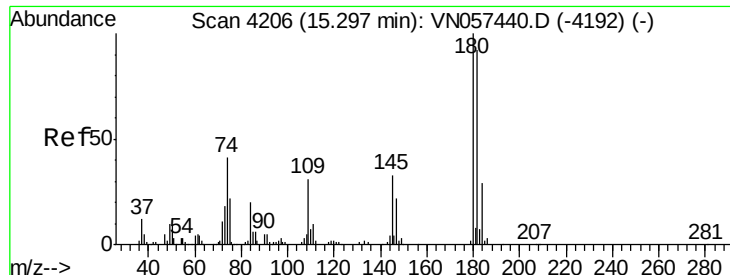
Tgt Ion: 75 Resp: 159
 Ion Ratio Lower Upper
 75 100
 155 0.0 31.6 94.7#
 157 0.0 43.3 129.8#



#95
 Naphthalene
 Concen: 4.380 ug/l
 RT: 15.13 min Scan# 4153
 Delta R.T. -0.00 min
 Lab File: VN057530.D
 Acq: 26 Aug 2019 23:46

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#

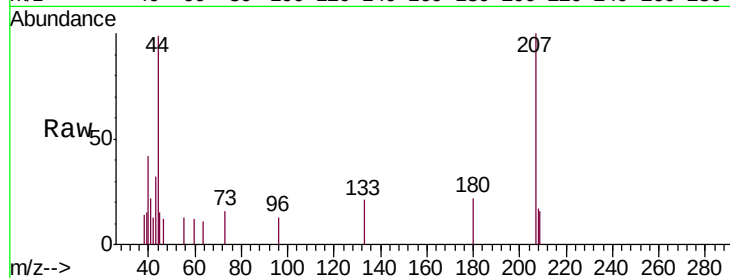




#96
 1,2,3-Trichlorobenzene
 Concen: 5.187 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN057530.D
 Acq: 26 Aug 2019 23:46

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K3-(0)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.7	140.1#
145	0.0	16.8	50.3#



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

