

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057524.D
 Acq On : 26 Aug 2019 21:13
 Operator : JC/SP
 Sample : K4493-27
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Aug 27 07:18:22 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	372122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	655568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	571107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	137665	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	314081	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	7.58	113	208035	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
50) Toluene-d8	10.09	98	885801	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.40	95	239911	42.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.56%	
Target Compounds						
8) Diethyl Ether	3.38	74	975	Below Cal		63
9) 1,1,2-Trichlorotrifluoroet	3.85	101	62	Below Cal	#	20
13) Acrolein	3.58	56	286	0.400	ug/l #	26
16) Acetone	3.80	43	1866096	620.745	ug/l	99
18) Methyl Acetate	4.30	43	17632	1.798	ug/l #	76
20) Methylene Chloride	4.53	84	10421	2.267	ug/l	92
31) Cyclohexane	7.65	56	11997	1.305	ug/l #	36
36) 1,1-Dichloropropene	7.65	75	35288	5.268	ug/l #	51
38) Carbon Tetrachloride	7.65	117	40084	6.023	ug/l #	17
43) Isopropyl Acetate	8.15	43	89242	7.353	ug/l	99
46) Dibromomethane	9.00	93	64	Below Cal	#	10
48) Methyl methacrylate	9.18	41	5509	0.955	ug/l #	16
49) 1,4-Dioxane	9.33	88	101	1.353	ug/l #	18
51) 4-Methyl-2-Pentanone	9.98	43	7732	1.143	ug/l	90
54) cis-1,3-Dichloropropene	9.90	75	38948	4.471	ug/l #	58
57) 1,3-Dichloropropane	10.76	76	5676	0.696	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.76	63	136	17.126	ug/l #	52
59) 2-Hexanone	10.76	43	86625	18.672	ug/l #	55
71) Bromoform	12.40	173	1081	0.361	ug/l #	1
73) Isopropylbenzene	12.40	105	164	Below Cal		89
74) N-amyl acetate	12.04	43	3366	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	12.40	83	176	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	136959	44.539	ug/l #	100
78) n-propylbenzene	12.60	91	137	Below Cal	#	55
79) 2-Chlorotoluene	12.67	91	260	Below Cal		91
80) 1,3,5-Trimethylbenzene	12.74	105	851	Below Cal		66
81) trans-1,4-Dichloro-2-buten	12.40	75	136959	114.235	ug/l #	9
82) 4-Chlorotoluene	12.67	91	260	Below Cal		91
83) tert-Butylbenzene	12.74	119	75	Below Cal	#	78
85) sec-Butylbenzene	13.05	105	203	Below Cal	#	58
93) 1,2,4-Trichlorobenzene	14.65	180	30	5.388	ug/l #	13
95) Naphthalene	15.13	128	582	4.436	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.30	180	102	5.169	ug/l #	66

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QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

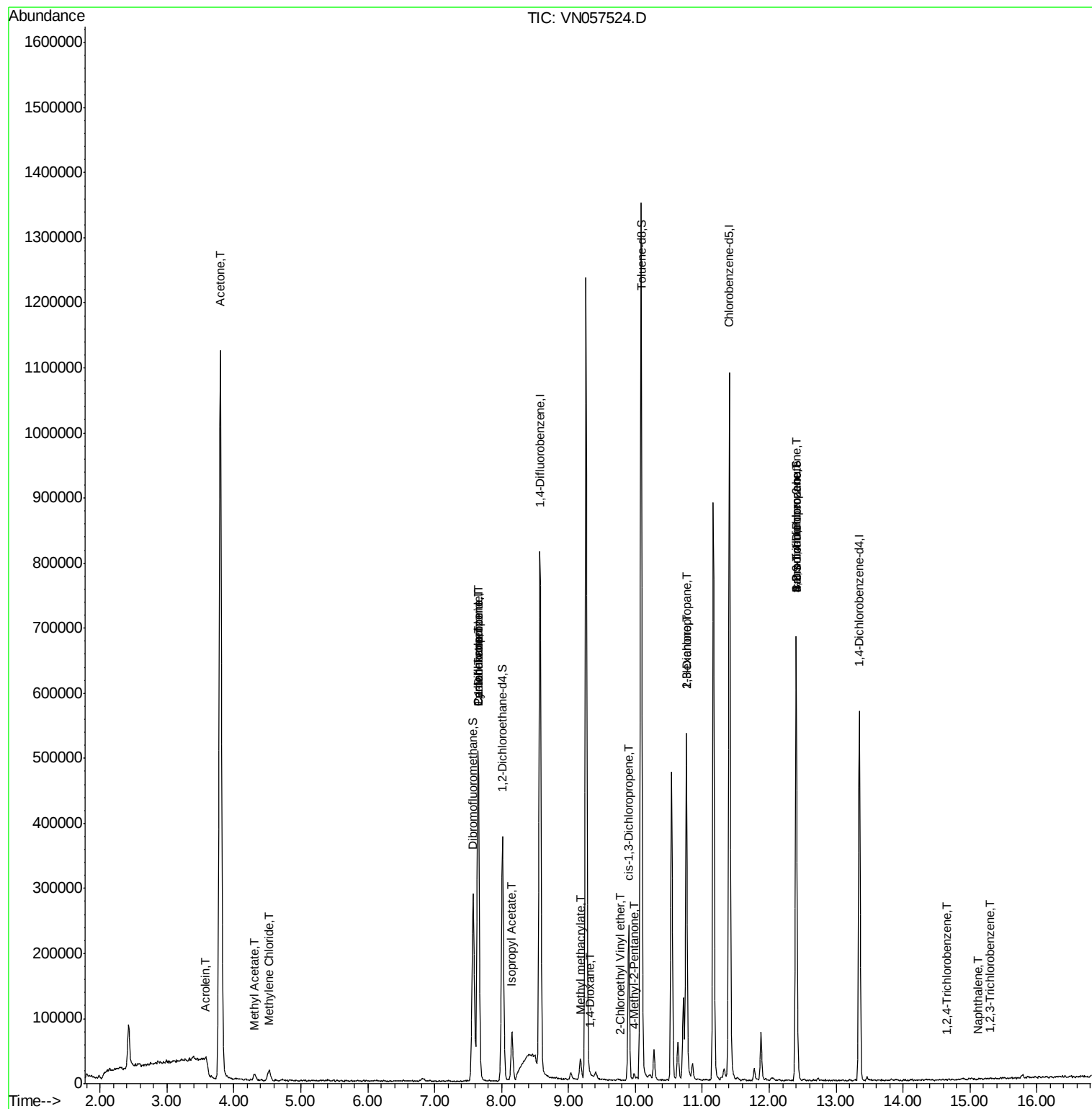
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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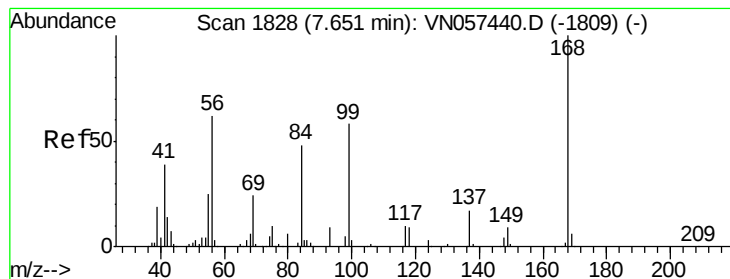
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN057524.D

Acq: 26 Aug 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

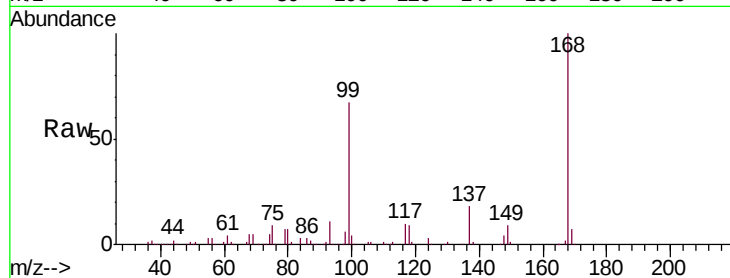
T9-12-13-I(0)

Tgt Ion:168 Resp: 372122

Ion Ratio Lower Upper

168 100

99 67.2 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

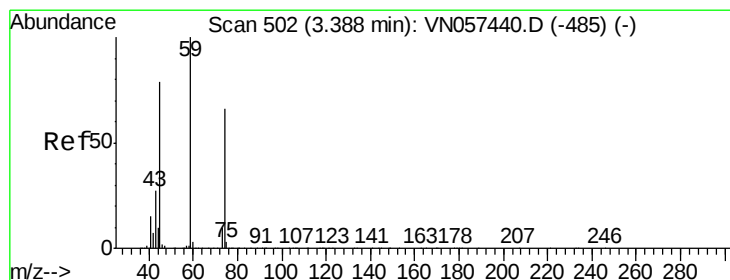
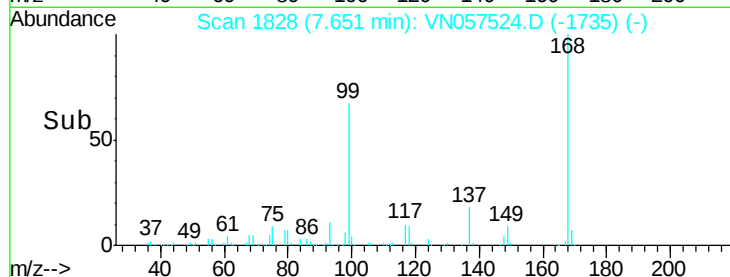
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 3.38 min Scan# 500

Delta R.T. -0.01 min

Lab File: VN057524.D

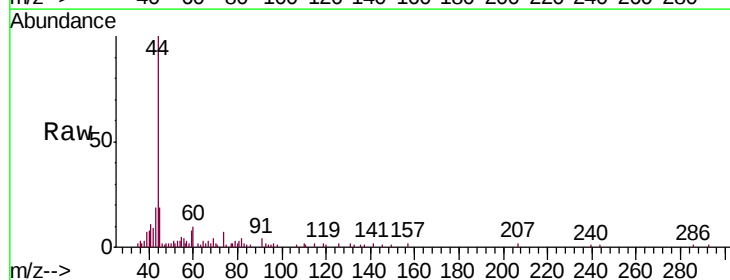
Acq: 26 Aug 2019 21:13

Tgt Ion: 74 Resp: 975

Ion Ratio Lower Upper

74 100

45 75.3 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) (-)

3.38

2500

2000

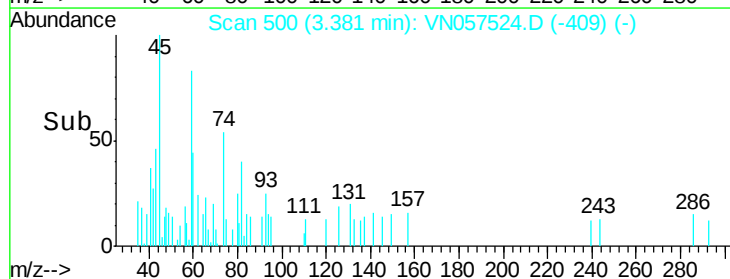
1500

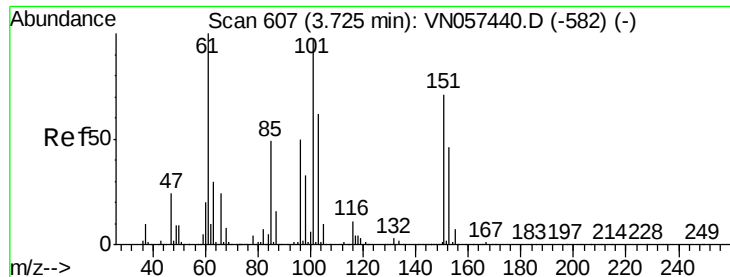
1000

500

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.85 min Scan# 646

Delta R.T. 0.13 min

Lab File: VN057524.D

Acq: 26 Aug 2019 21:13

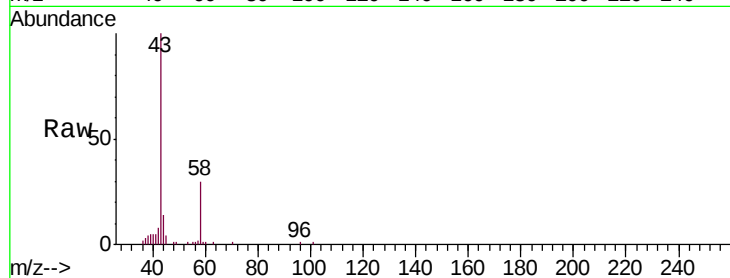
Instrument :

MSVOA_N

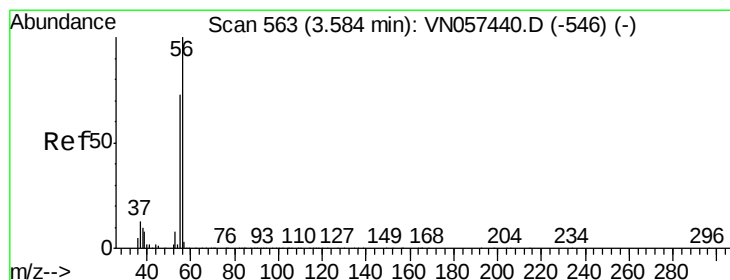
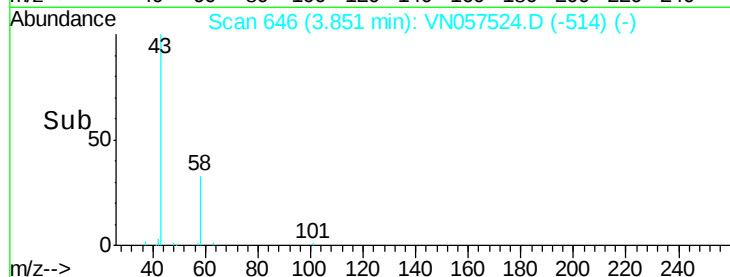
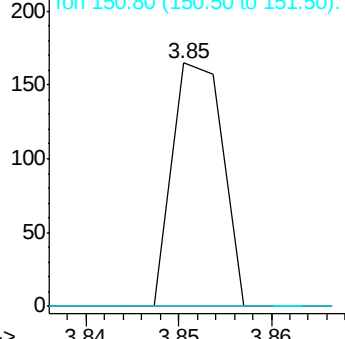
ClientSampled :

T9-12-13-I(0)

Tgt Ion:	101	Resp:	62
Ion	Ratio	Lower	Upper
101	100		
85	0.0	40.0	60.0#
151	0.0	57.0	85.6#



Abundance Ion 100.90 (100.60 to 101.60): V



#13

Acrolein

Concen: 0.400 ug/l

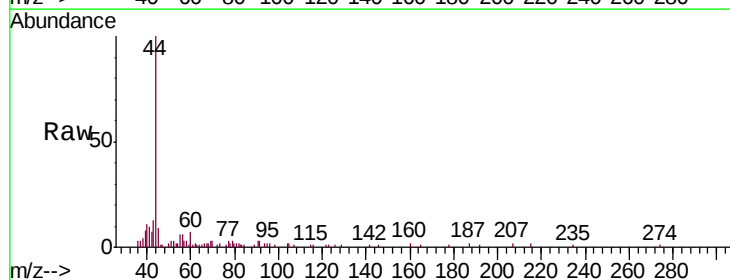
RT: 3.58 min Scan# 561

Delta R.T. -0.01 min

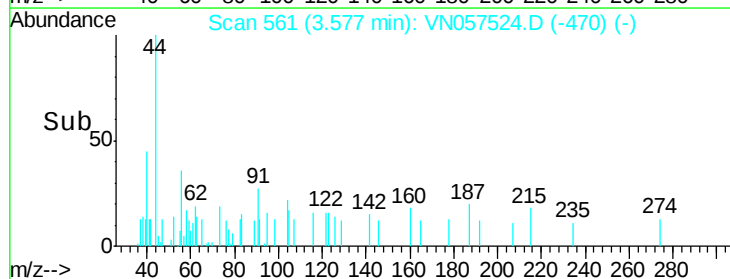
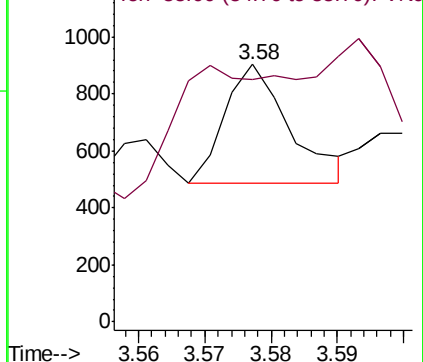
Lab File: VN057524.D

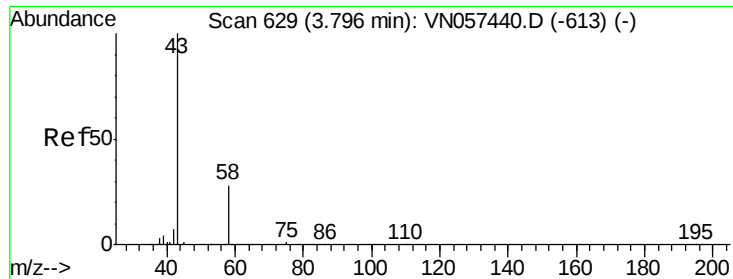
Acq: 26 Aug 2019 21:13

Tgt Ion:	56	Resp:	286
Ion	Ratio	Lower	Upper
56	100		
55	136.4	59.0	88.4#



Abundance Ion 56.00 (55.70 to 56.70): V





#16

Acetone

Concen: 620.745 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN057524.D

Acq: 26 Aug 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

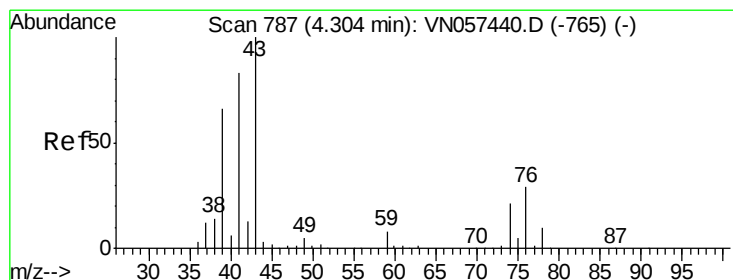
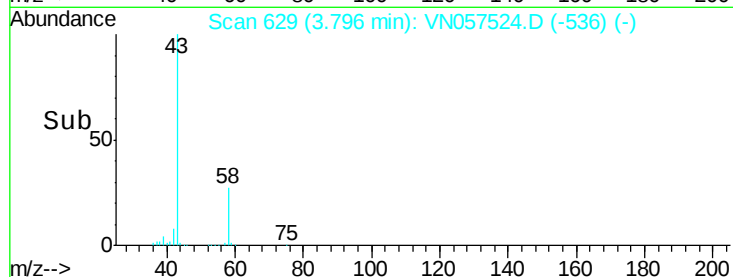
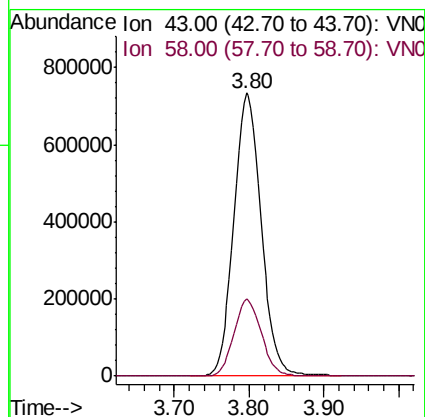
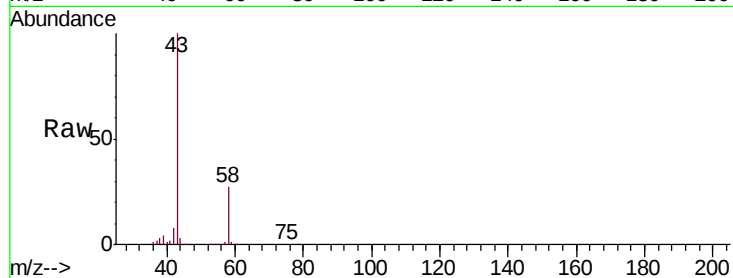
T9-12-13-I(0)

Tgt Ion: 43 Resp: 1866096

Ion Ratio Lower Upper

43 100

58 27.3 22.1 33.1



#18

Methyl Acetate

Concen: 1.798 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN057524.D

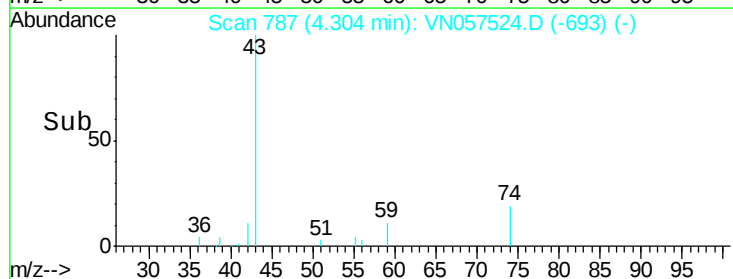
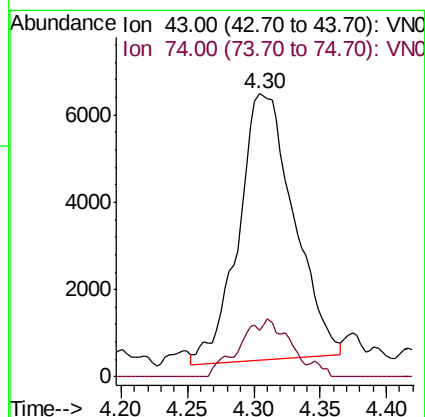
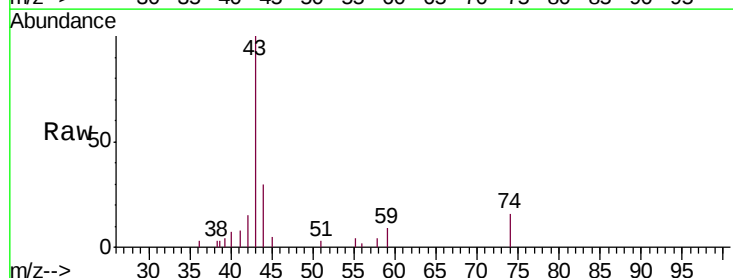
Acq: 26 Aug 2019 21:13

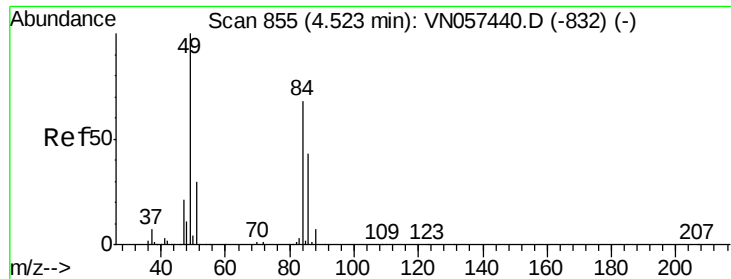
Tgt Ion: 43 Resp: 17632

Ion Ratio Lower Upper

43 100

74 8.9 15.9 23.9#





#20

Methylene Chloride

Concen: 2.267 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN057524.D

Acq: 26 Aug 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-I(0)

Tgt Ion: 84 Resp: 10421

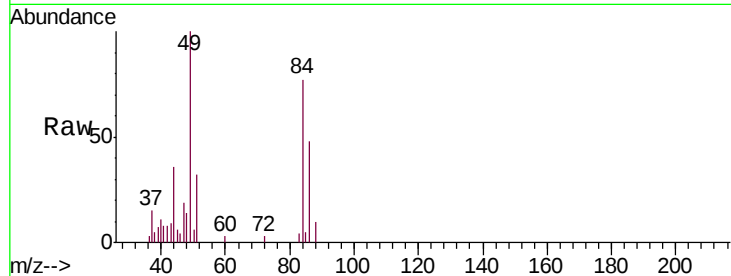
Ion Ratio Lower Upper

84 100

49 130.4 117.0 175.4

51 42.1 35.5 53.3

86 63.0 49.8 74.8

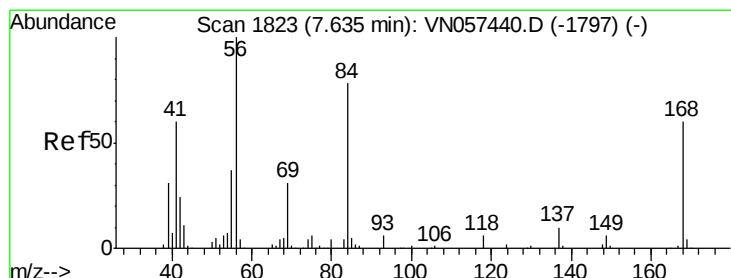
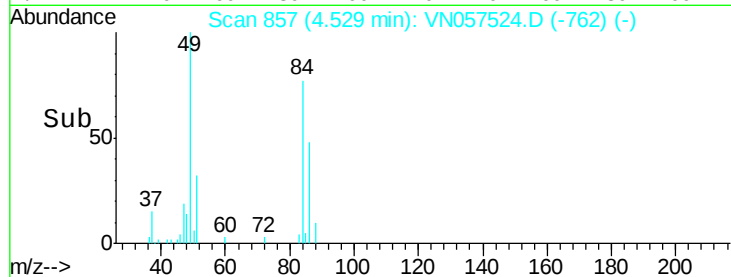
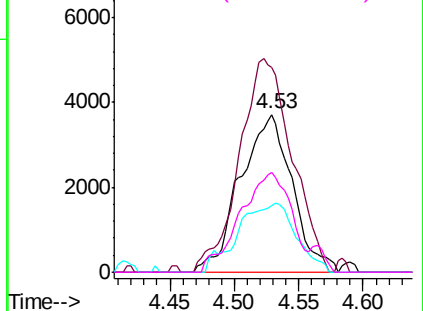


Abundance Ion 83.90 (83.60 to 84.60): VN057524.D (-762) (-)

Ion 48.90 (48.60 to 49.60): VN057524.D (-762) (-)

Ion 50.90 (50.60 to 51.60): VN057524.D (-762) (-)

Ion 85.90 (85.60 to 86.60): VN057524.D (-762) (-)



#31

Cyclohexane

Concen: 1.305 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.02 min

Lab File: VN057524.D

Acq: 26 Aug 2019 21:13

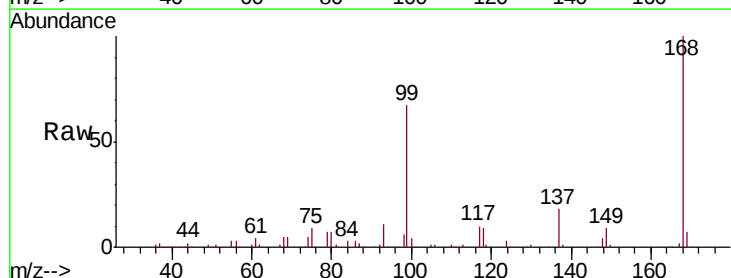
Tgt Ion: 56 Resp: 11997

Ion Ratio Lower Upper

56 100

69 129.6 25.0 37.6#

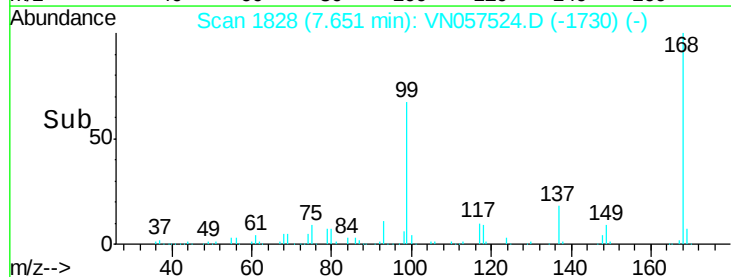
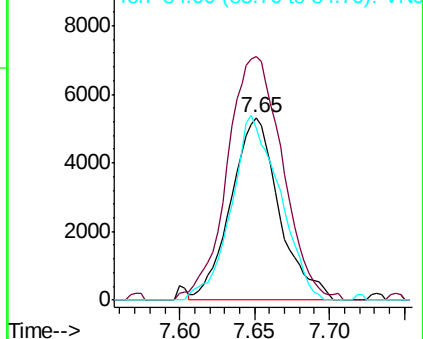
84 94.2 62.5 93.7#

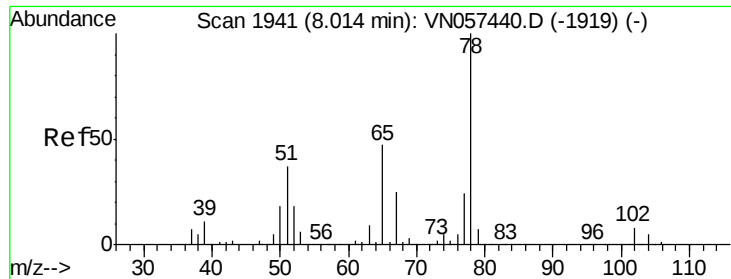


Abundance Ion 56.00 (55.70 to 56.70): VN057524.D (-1730) (-)

Ion 69.00 (68.70 to 69.70): VN057524.D (-1730) (-)

Ion 84.00 (83.70 to 84.70): VN057524.D (-1730) (-)

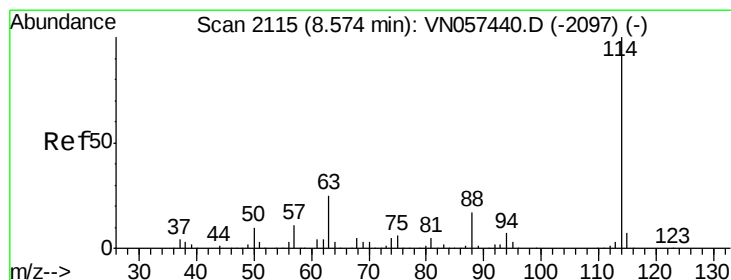
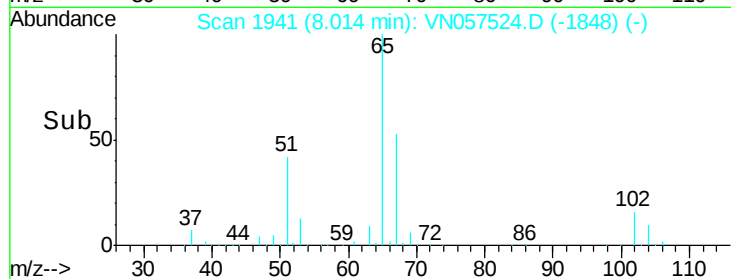
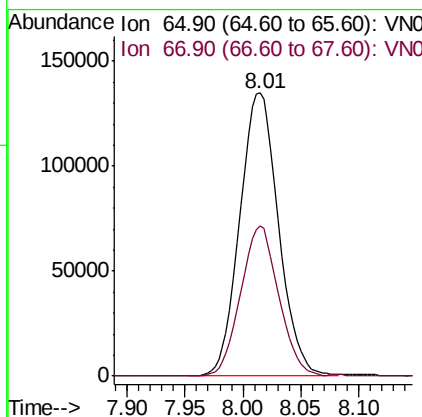
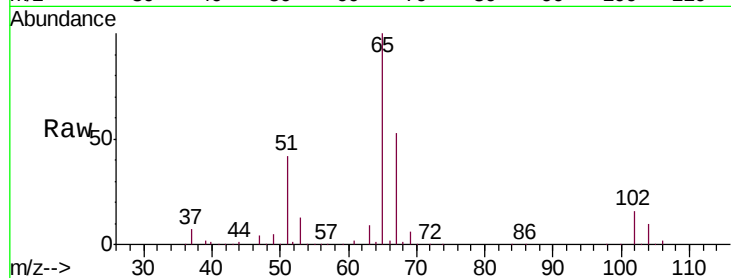




#33
 1,2-Dichloroethane-d4
 Concen: 47.980 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057524.D
 Acq: 26 Aug 2019 21:13

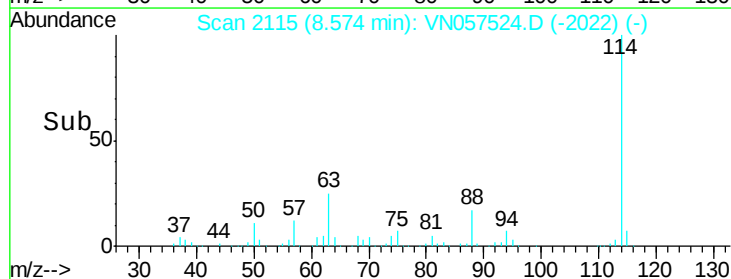
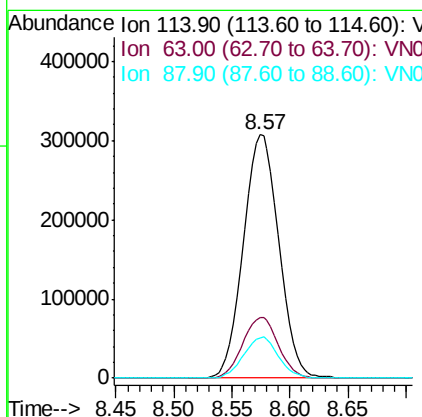
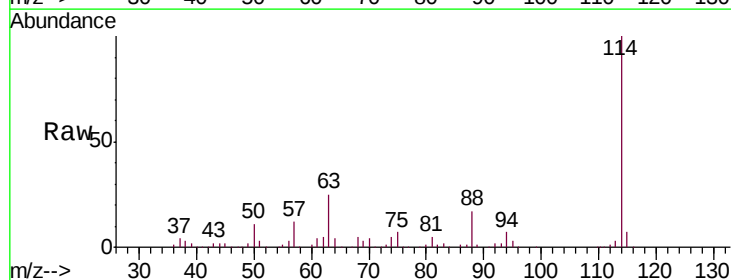
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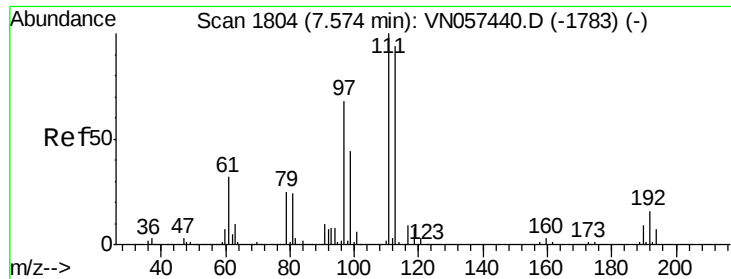
Tgt Ion: 65 Resp: 314081
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057524.D
 Acq: 26 Aug 2019 21:13

Tgt Ion: 114 Resp: 655568
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.2
 88 16.7 0.0 34.6

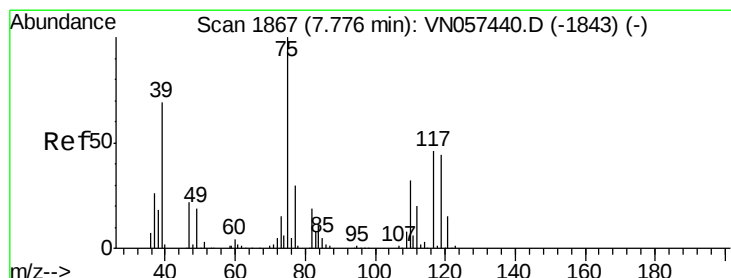
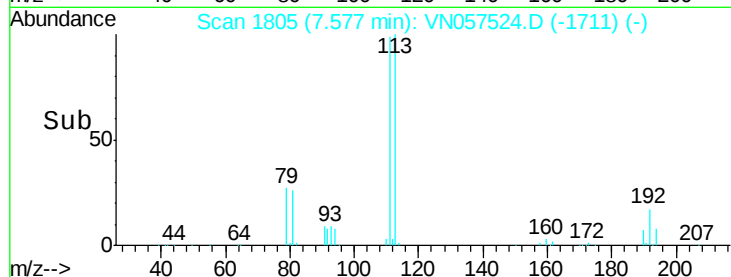
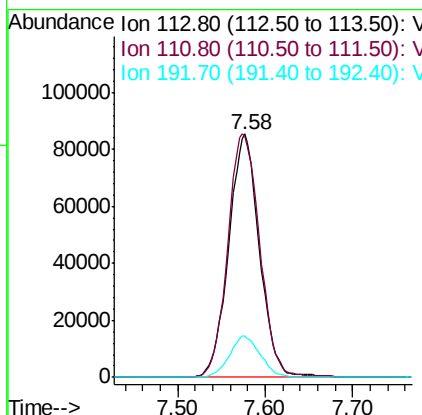
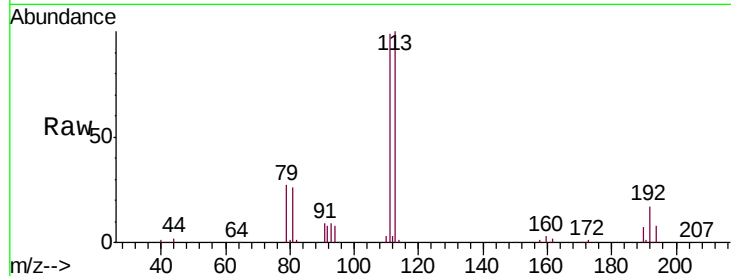




#35
 Dibromofluoromethane
 Concen: 46.981 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057524.D
 Acq: 26 Aug 2019 21:13

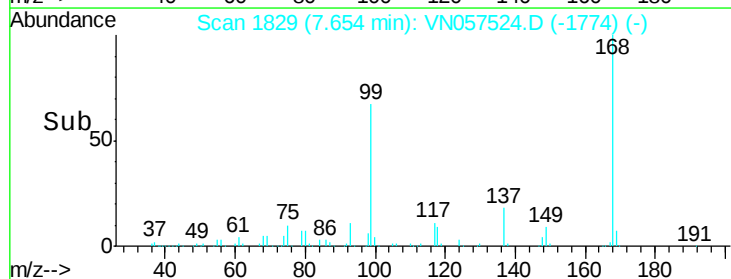
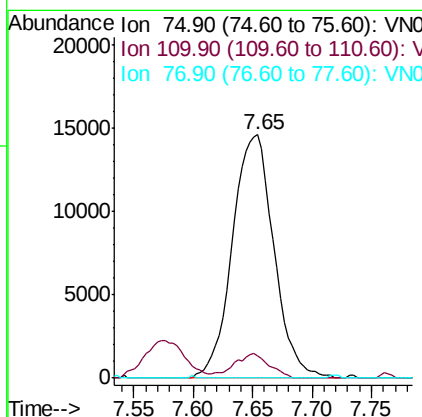
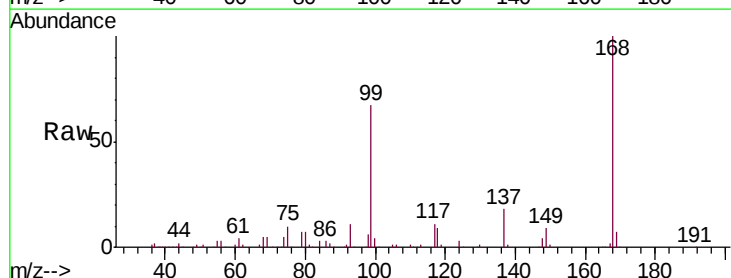
Instrument :
 MSVOA_N
 ClientSampled :
 T9-12-13-I-(0)

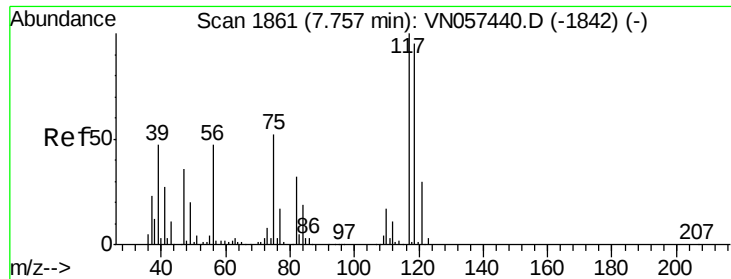
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.8	125.6
192	16.9	13.5	20.3



#36
 1,1-Dichloropropene
 Concen: 5.268 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.12 min
 Lab File: VN057524.D
 Acq: 26 Aug 2019 21:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.1	48.3#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.023 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN057524.D

Acq: 26 Aug 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-I(0)

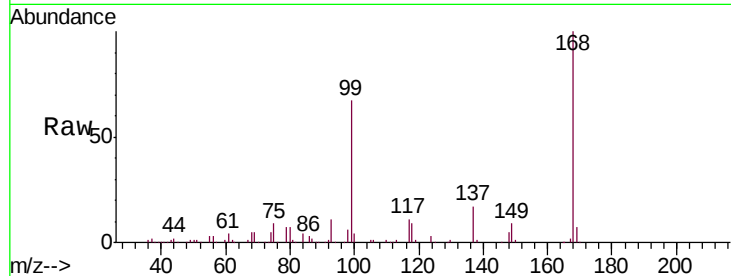
Tgt Ion:117 Resp: 40084

Ion Ratio Lower Upper

117 100

119 5.8 76.2 114.4#

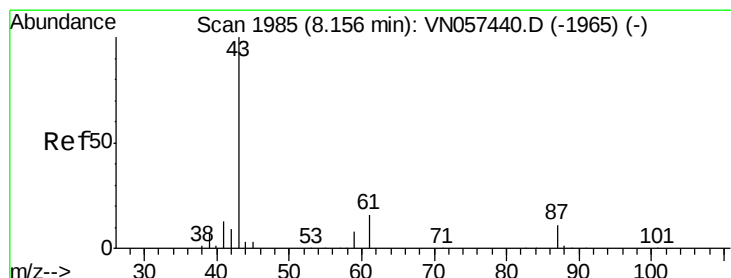
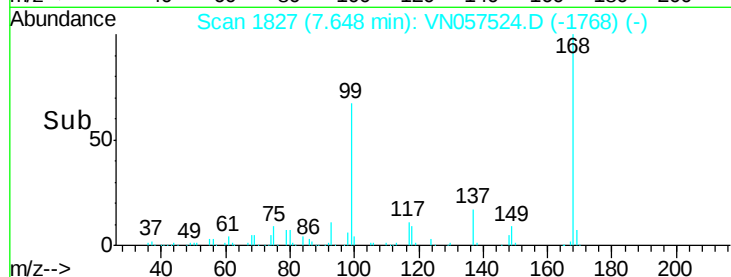
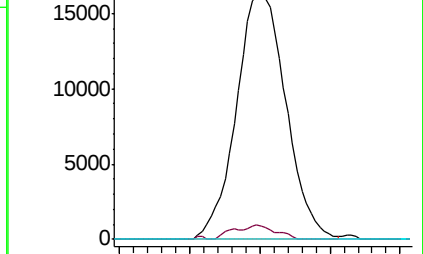
121 0.0 23.8 35.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 7.353 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VN057524.D

Acq: 26 Aug 2019 21:13

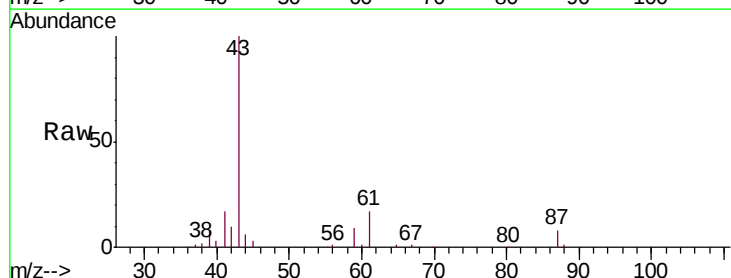
Tgt Ion: 43 Resp: 89242

Ion Ratio Lower Upper

43 100

61 18.4 14.5 21.7

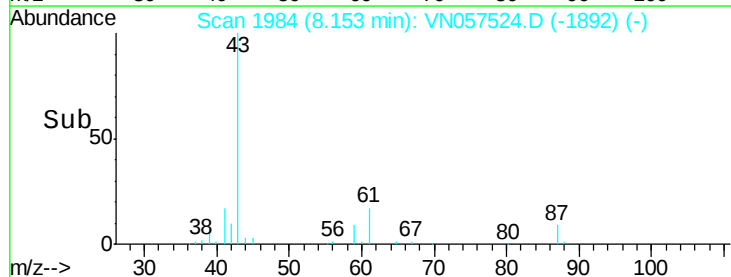
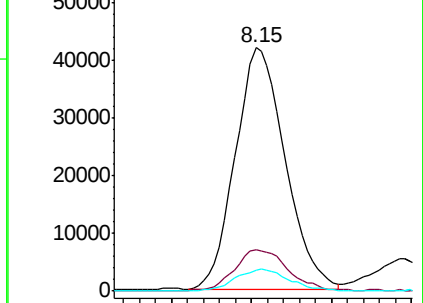
87 9.8 8.6 12.8

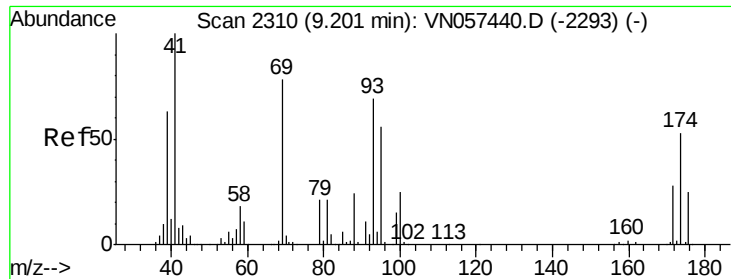


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

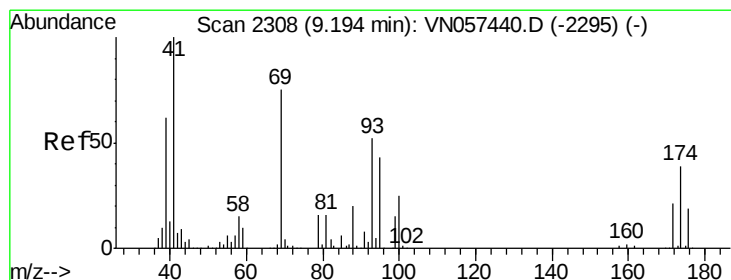
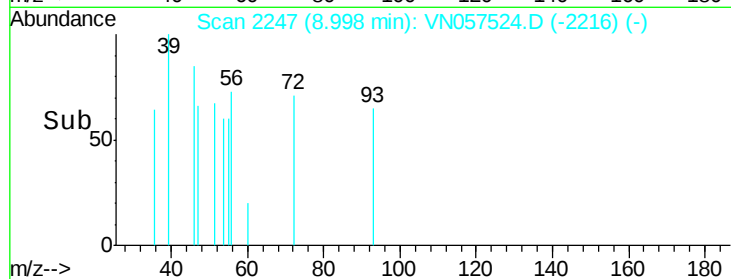
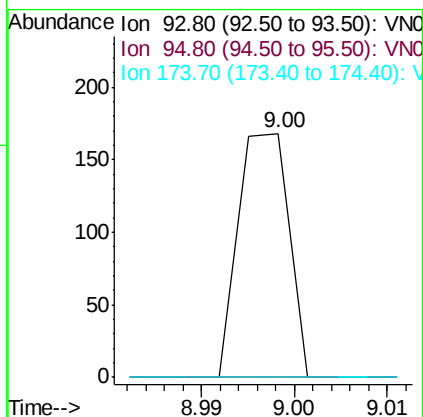
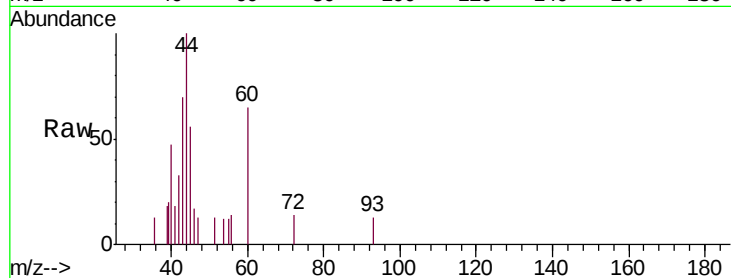




#46
Dibromomethane
Concen: Below Cal
RT: 9.00 min Scan# 2247
Delta R.T. -0.20 min
Lab File: VN057524.D
Acq: 26 Aug 2019 21:13

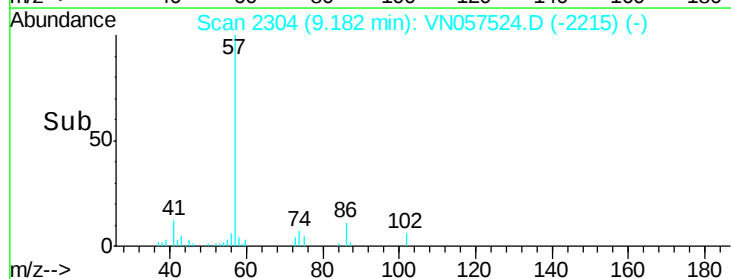
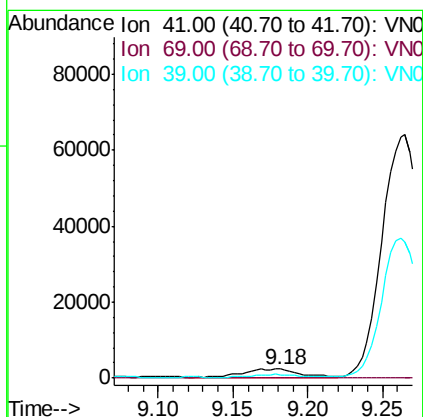
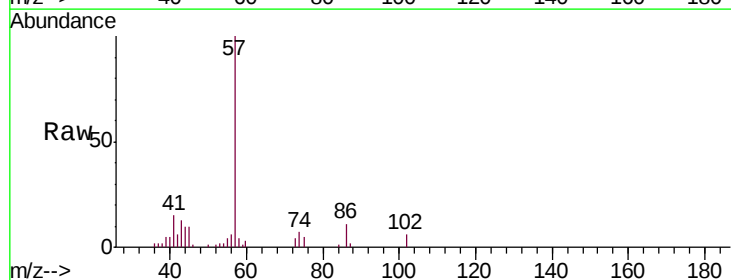
Instrument :
MSVOA_N
ClientSampled :
T9-12-13-I(0)

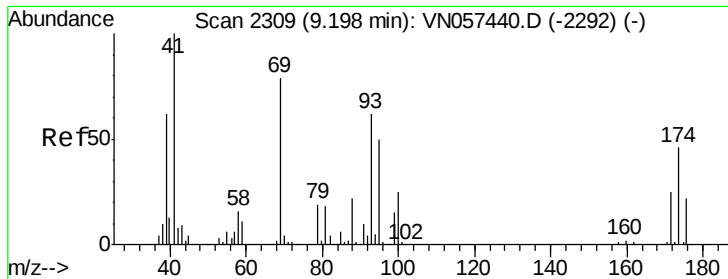
Tgt Ion: 93 Resp: 64
Ion Ratio Lower Upper
93 100
95 0.0 64.7 97.1#
174 0.0 62.3 93.5#



#48
Methyl methacrylate
Concen: 0.955 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.01 min
Lab File: VN057524.D
Acq: 26 Aug 2019 21:13

Tgt Ion: 41 Resp: 5509
Ion Ratio Lower Upper
41 100
69 1.3 59.3 88.9#
39 0.0 50.6 75.8#

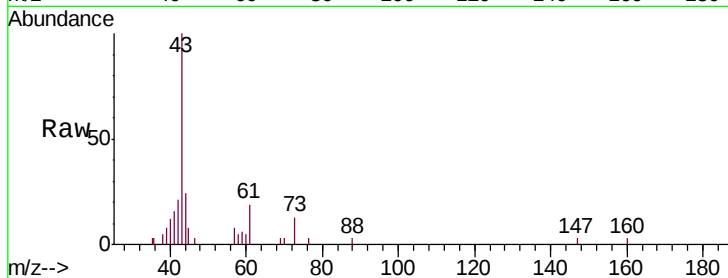




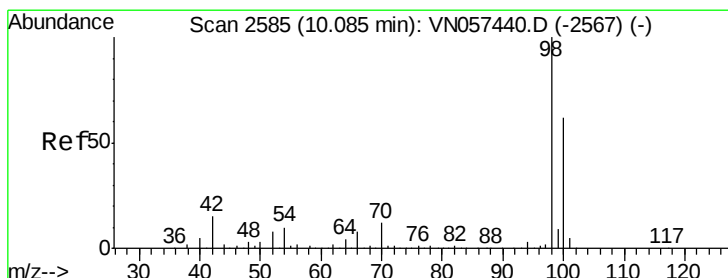
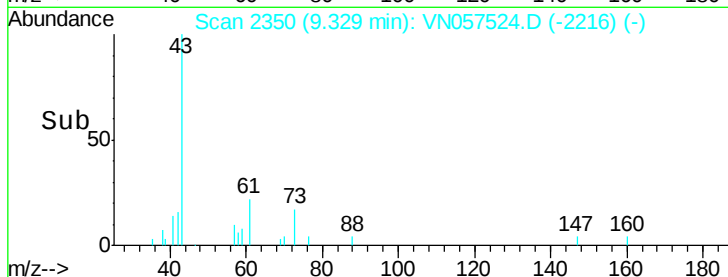
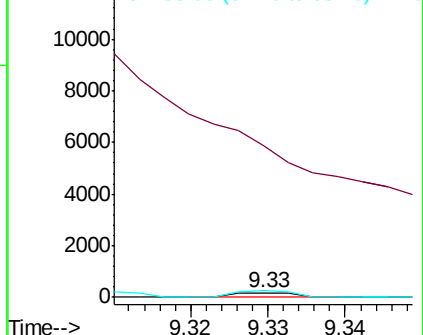
#49
1,4-Dioxane
Concen: 1.353 ug/l
RT: 9.33 min Scan# 2350
Delta R.T. 0.13 min
Lab File: VN057524.D
Acq: 26 Aug 2019 21:13

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

Tgt Ion: 88 Resp: 101
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 0.0 64.5 96.7#

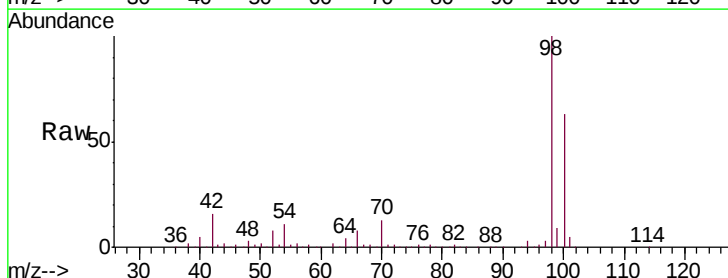


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

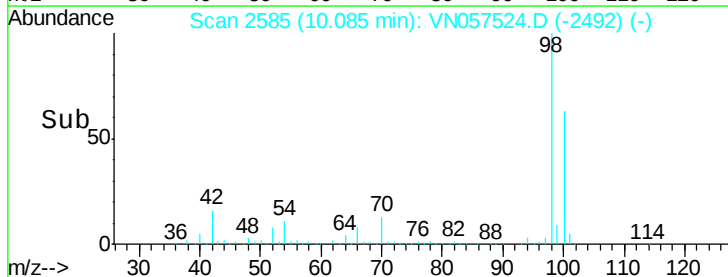
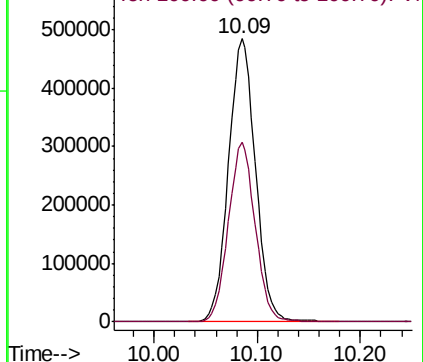


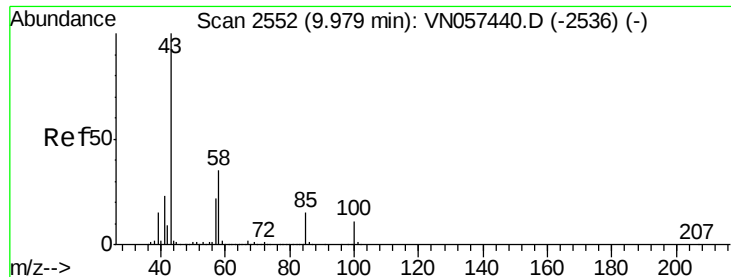
#50
Toluene-d8
Concen: 52.904 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057524.D
Acq: 26 Aug 2019 21:13

Tgt Ion: 98 Resp: 885801
Ion Ratio Lower Upper
98 100
100 62.7 50.4 75.6



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

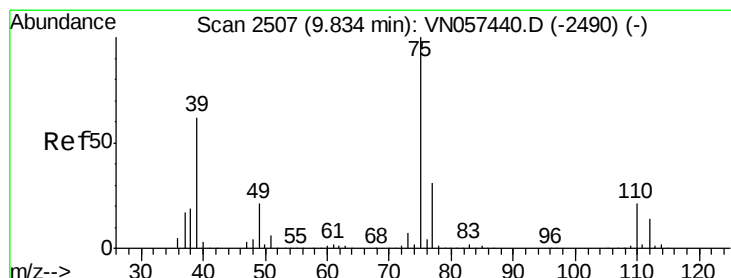
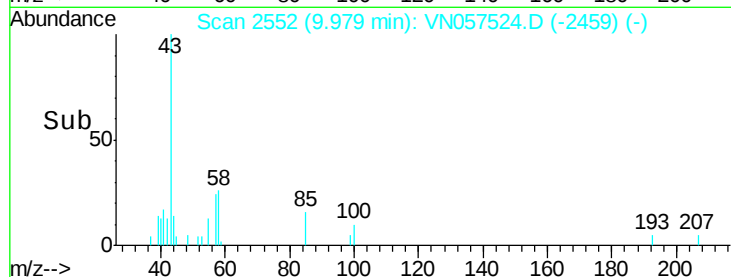
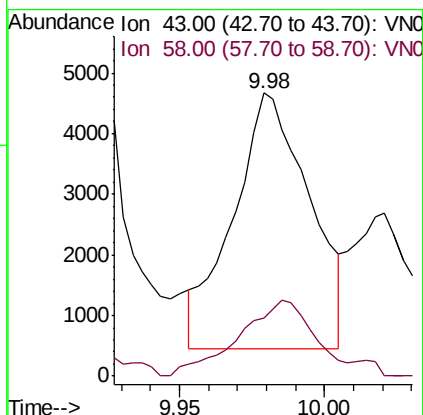
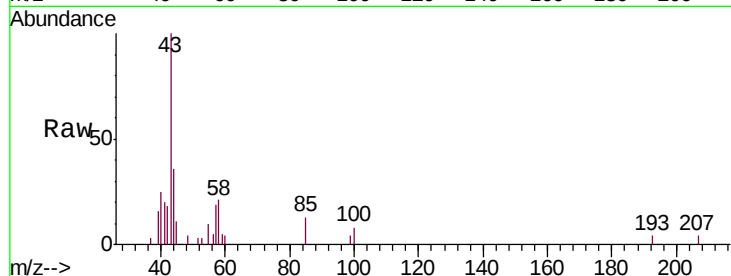




#51
 4-Methyl-2-Pentanone
 Concen: 1.143 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: VN057524.D
 Acq: 26 Aug 2019 21:13

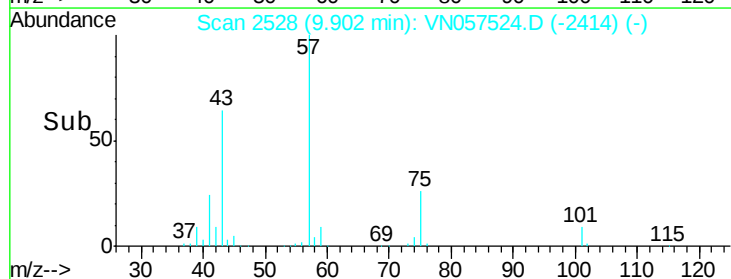
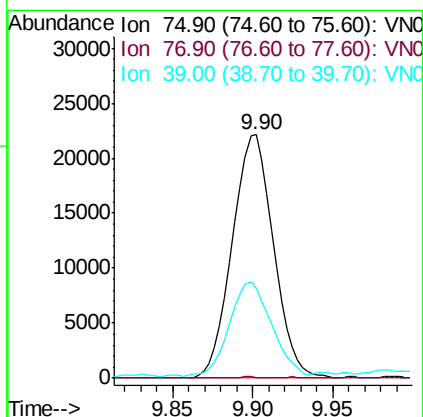
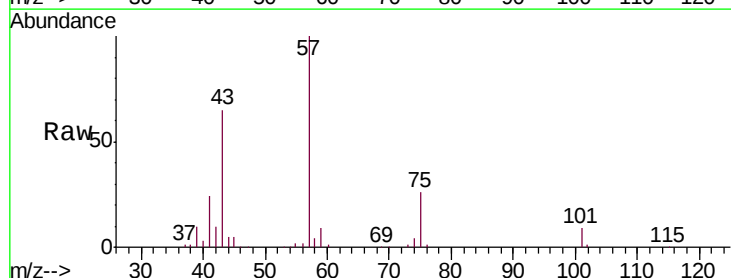
Instrument :
 MSVOA_N
 ClientSampled :
 T9-12-13-I(0)

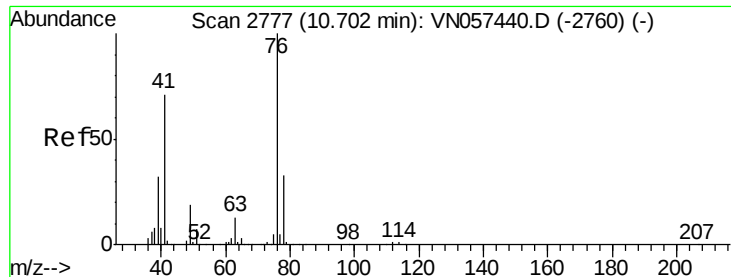
Tgt Ion: 43 Resp: 7732
 Ion Ratio Lower Upper
 43 100
 58 29.2 27.9 41.9



#54
 cis-1,3-Dichloropropene
 Concen: 4.471 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057524.D
 Acq: 26 Aug 2019 21:13

Tgt Ion: 75 Resp: 38948
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 35.5 49.2 73.8#





#57

1,3-Dichloropropane

Concen: 0.696 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN057524.D

Acq: 26 Aug 2019 21:13

Instrument :

MSVOA_N

ClientSampled :

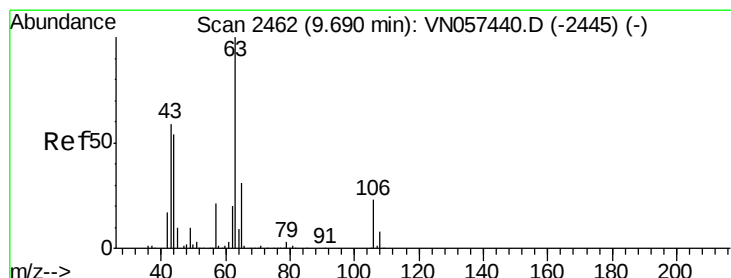
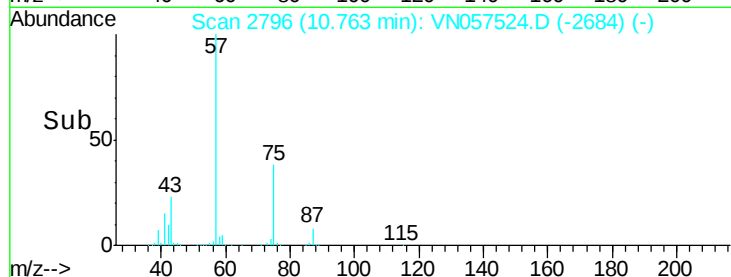
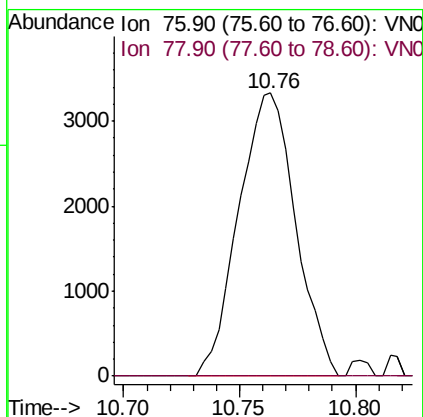
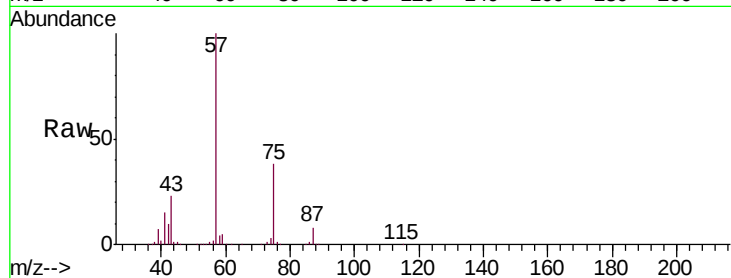
T9-12-13-I-(0)

Tgt Ion: 76 Resp: 5676

Ion Ratio Lower Upper

76 100

78 0.0 25.5 38.3#



#58

2-Chloroethyl Vinyl ether

Concen: 17.126 ug/l

RT: 9.76 min Scan# 2484

Delta R.T. 0.07 min

Lab File: VN057524.D

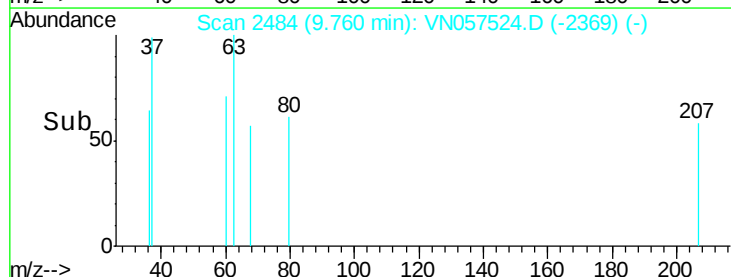
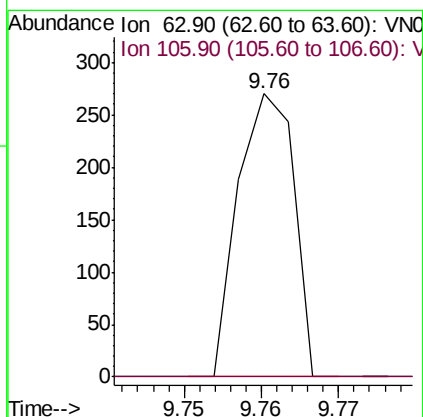
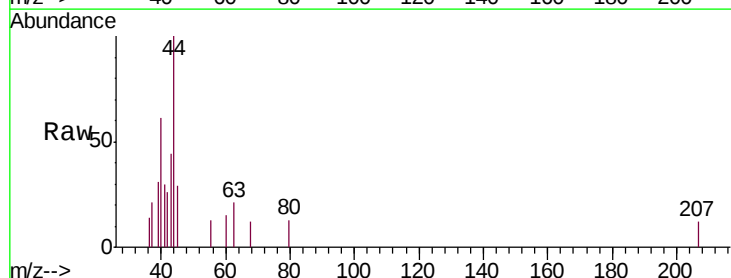
Acq: 26 Aug 2019 21:13

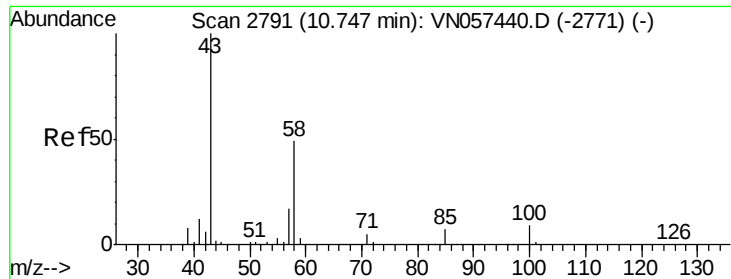
Tgt Ion: 63 Resp: 136

Ion Ratio Lower Upper

63 100

106 0.0 18.6 27.8#

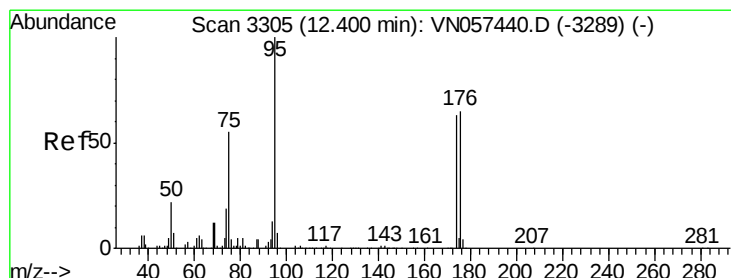
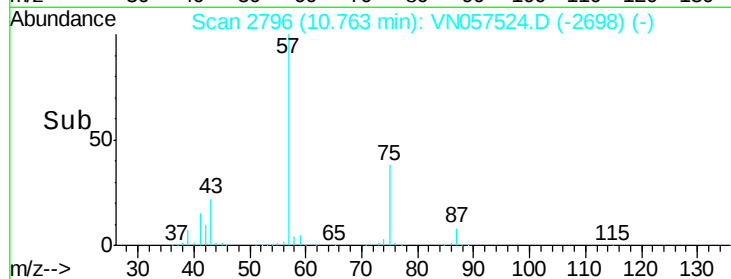
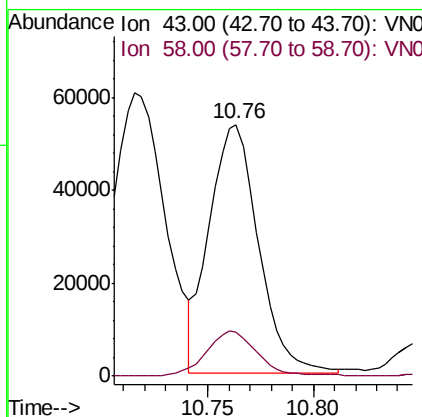
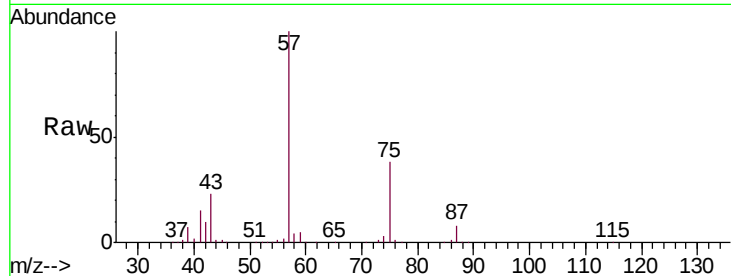




#59
2-Hexanone
Concen: 18.672 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.02 min
Lab File: VN057524.D
Acq: 26 Aug 2019 21:13

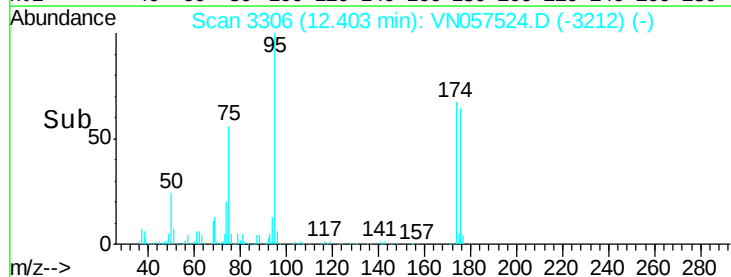
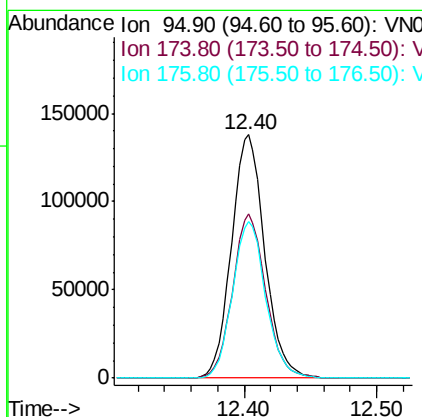
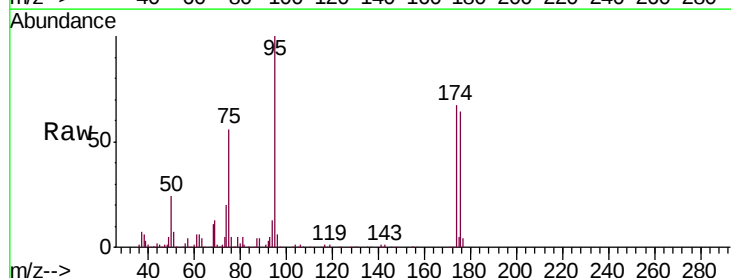
Instrument :
MSVOA_N
ClientSampled :
T9-12-13-I-(0)

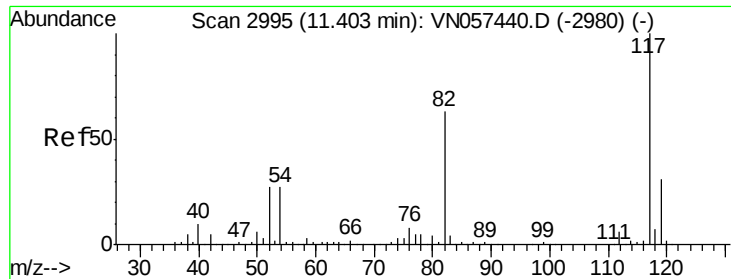
Tgt Ion: 43 Resp: 86625
Ion Ratio Lower Upper
43 100
58 18.6 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 42.282 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057524.D
Acq: 26 Aug 2019 21:13

Tgt Ion: 95 Resp: 239911
Ion Ratio Lower Upper
95 100
174 67.4 0.0 133.0
176 64.4 0.0 130.8

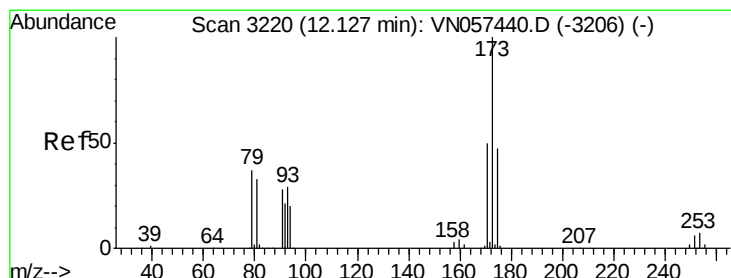
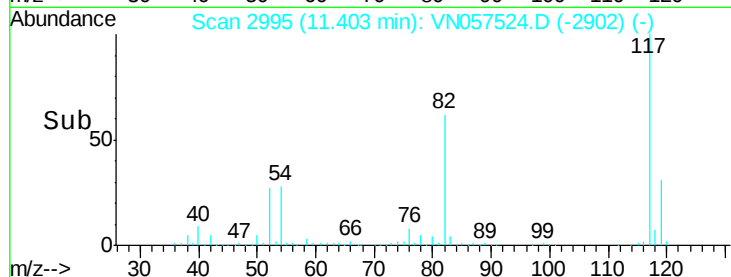
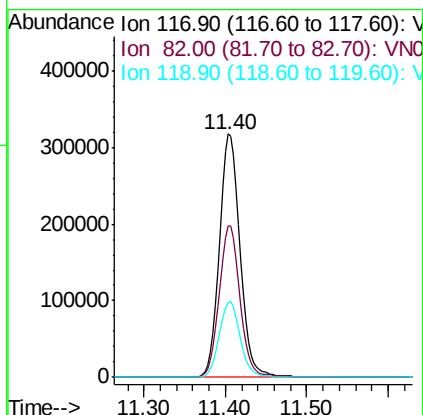
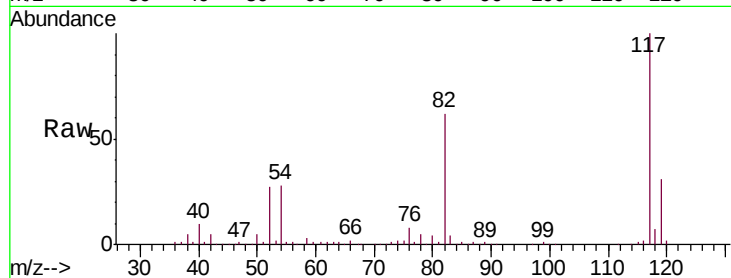




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057524.D
Acq: 26 Aug 2019 21:13

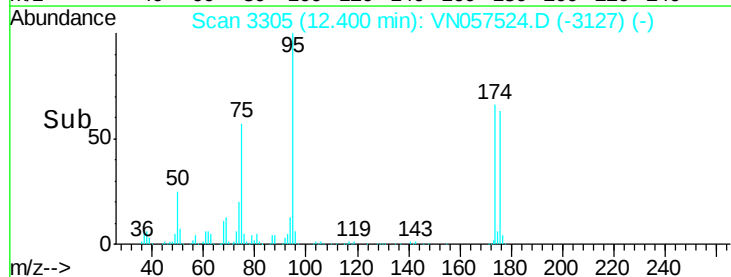
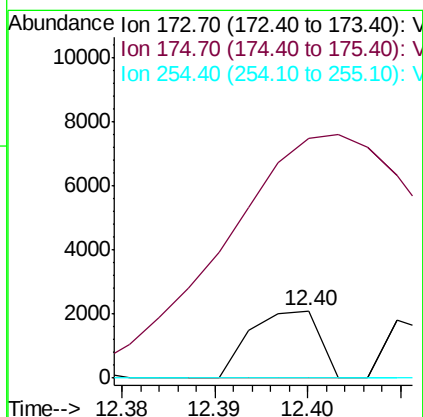
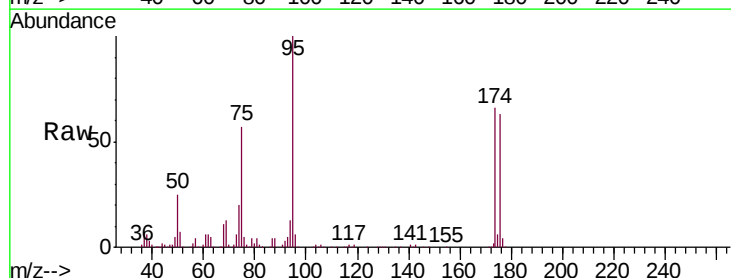
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-I(0)

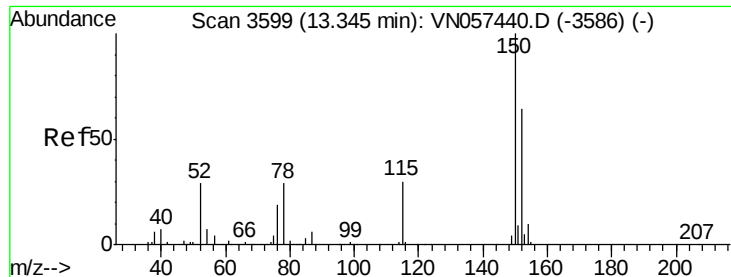
Tgt Ion:117 Resp: 571107
Ion Ratio Lower Upper
117 100
82 62.2 50.6 75.8
119 30.8 24.6 36.8



#71
Bromoform
Concen: 0.361 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN057524.D
Acq: 26 Aug 2019 21:13

Tgt Ion:173 Resp: 1081
Ion Ratio Lower Upper
173 100
175 1004.5 23.9 71.8#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057524.D

Acq: 26 Aug 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-I(0)

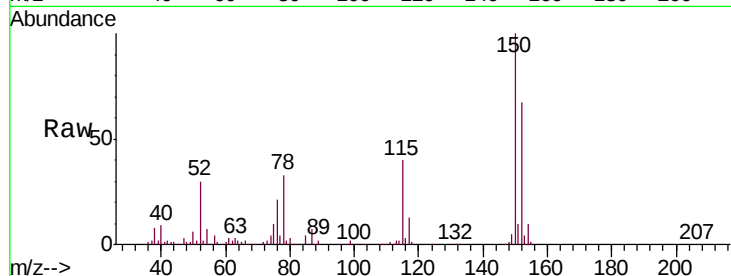
Tgt Ion:152 Resp: 137665

Ion Ratio Lower Upper

152 100

115 62.6 32.0 96.0

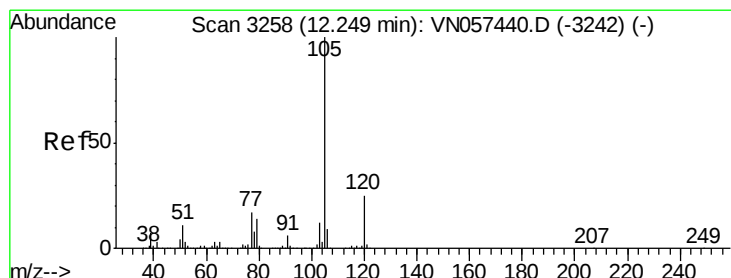
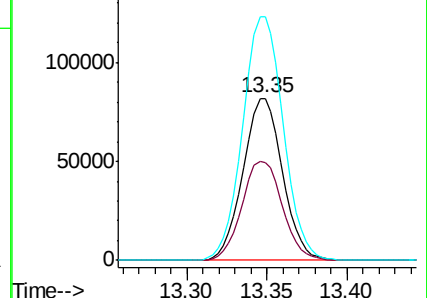
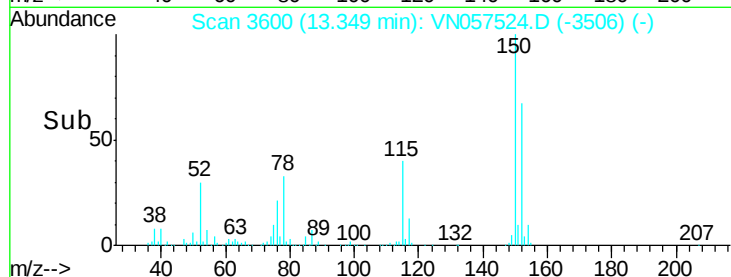
150 154.5 0.0 346.6



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: 12.40 min Scan# 3304

Delta R.T. 0.15 min

Lab File: VN057524.D

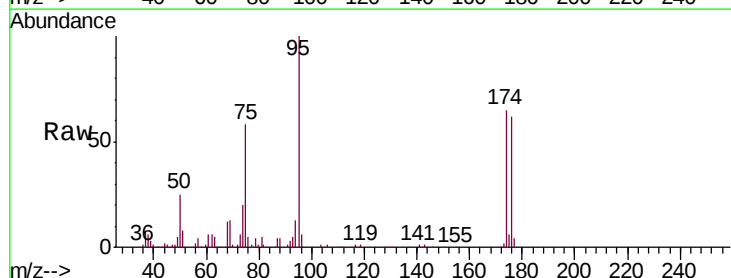
Acq: 26 Aug 2019 21:13

Tgt Ion:105 Resp: 164

Ion Ratio Lower Upper

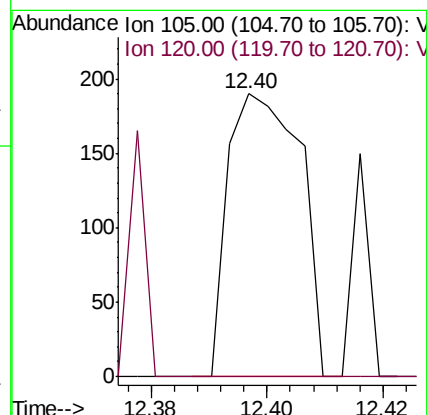
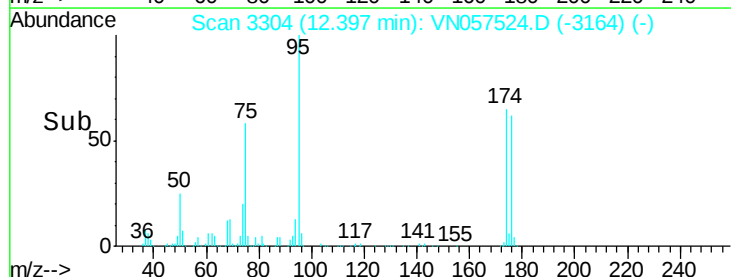
105 100

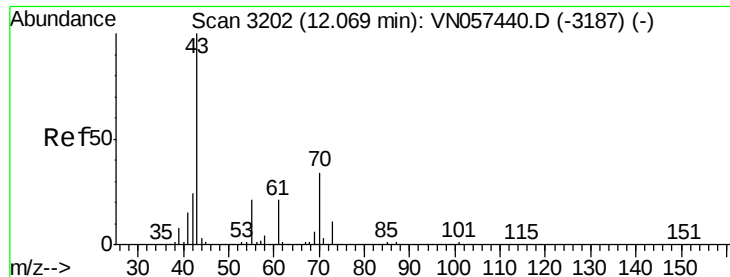
120 19.5 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: Below Cal

RT: 12.04 min Scan# 3194

Delta R.T. -0.02 min

Lab File: VN057524.D

Acq: 26 Aug 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-I-(0)

Tgt Ion: 43 Resp: 3366

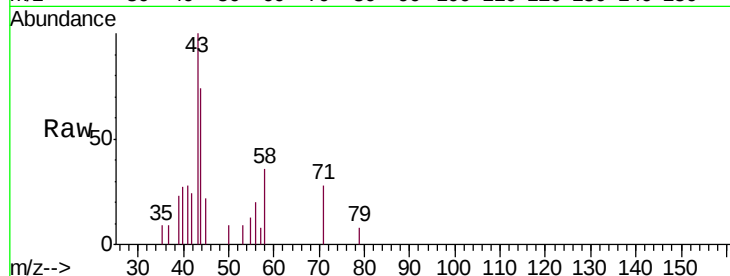
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 0.0 17.0 25.4#

61 0.0 17.0 25.6#

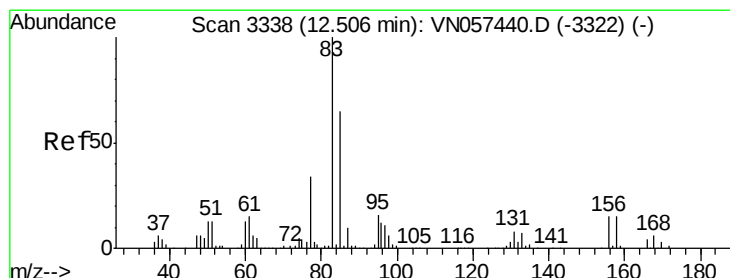
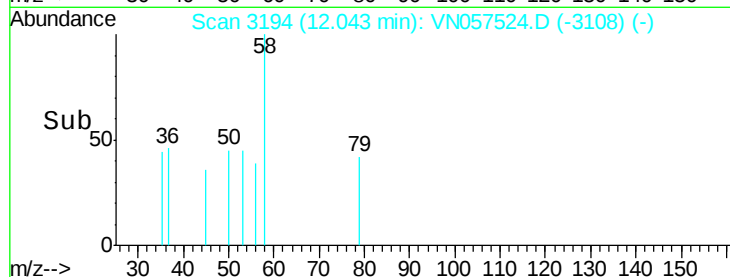
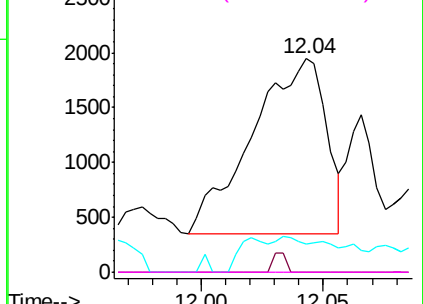


Abundance Ion 43.00 (42.70 to 43.70): VN0

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. -0.11 min

Lab File: VN057524.D

Acq: 26 Aug 2019 21:13

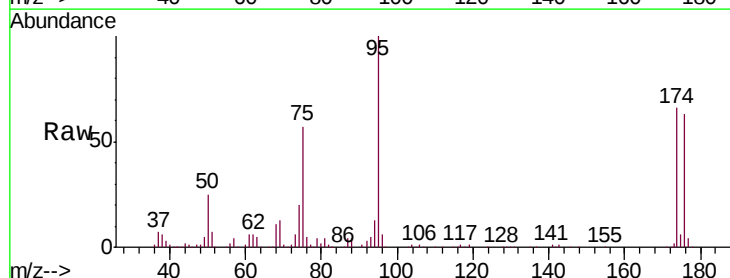
Tgt Ion: 83 Resp: 176

Ion Ratio Lower Upper

83 100

131 91.5 4.3 13.1#

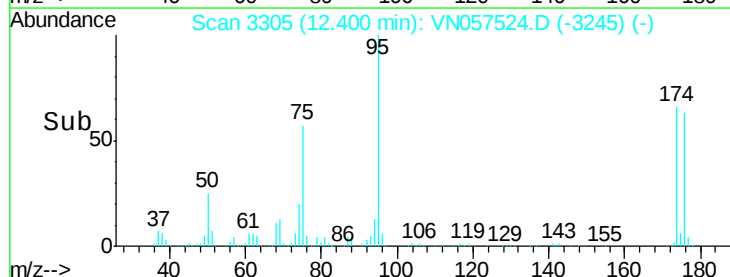
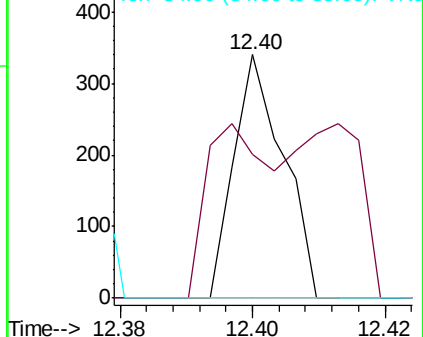
85 0.0 32.3 96.8#

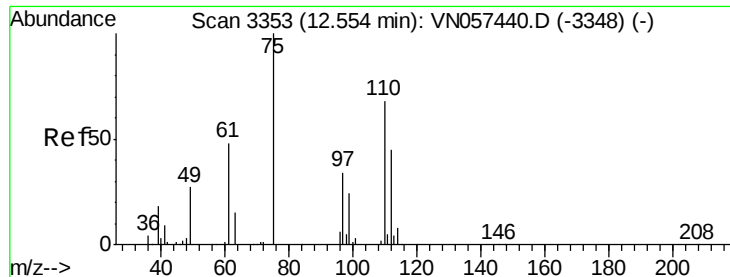


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0

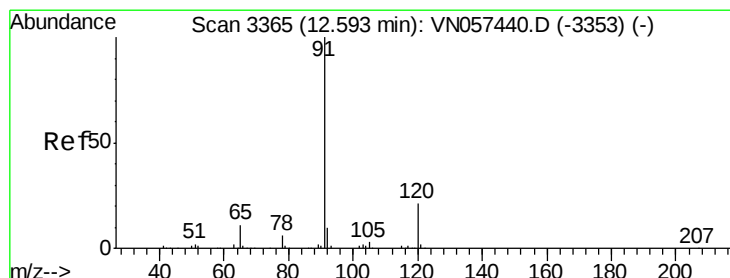
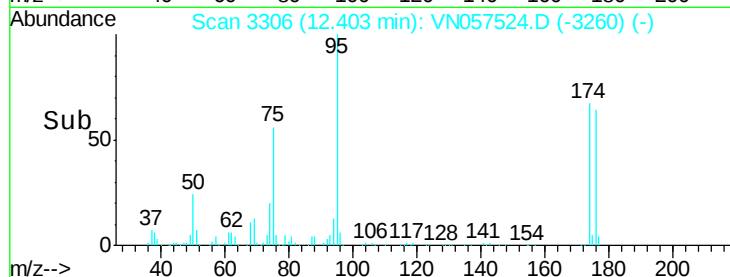
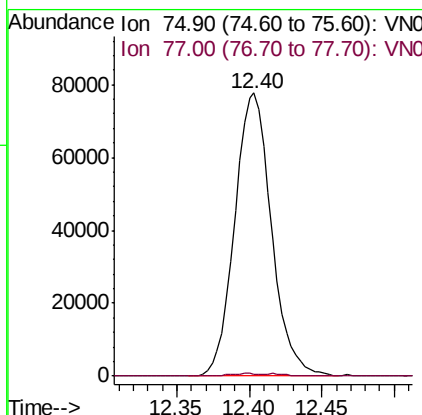
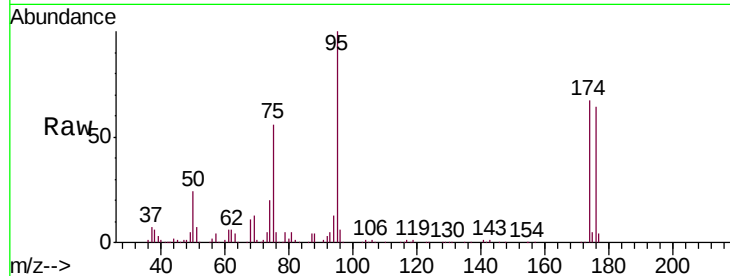




#76
 1,2,3-Trichloropropane
 Concen: 44.539 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057524.D
 Acq: 26 Aug 2019 21:13

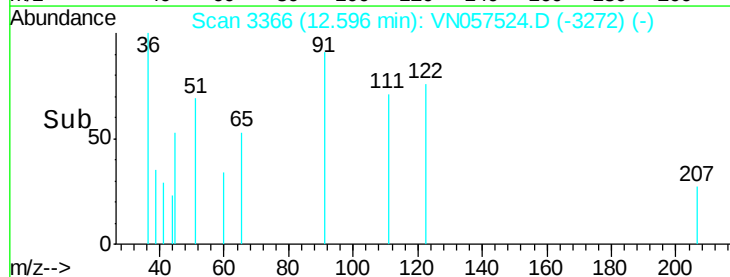
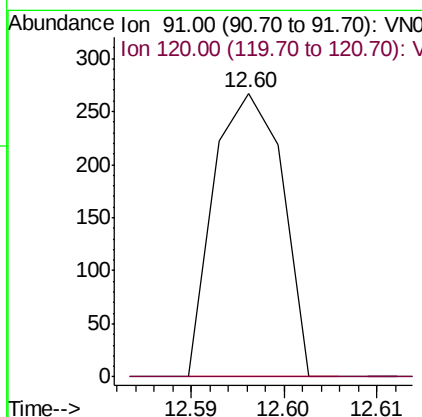
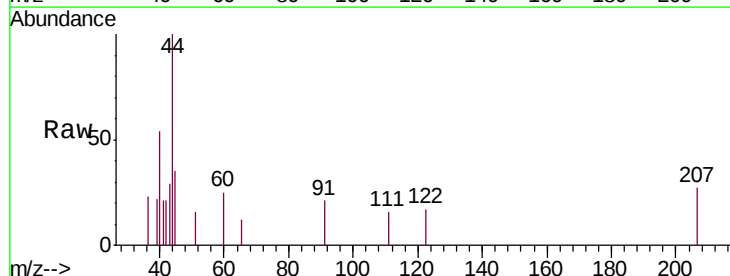
Instrument :
 MSVOA_N
 ClientSampled :
 T9-12-13-I-(0)

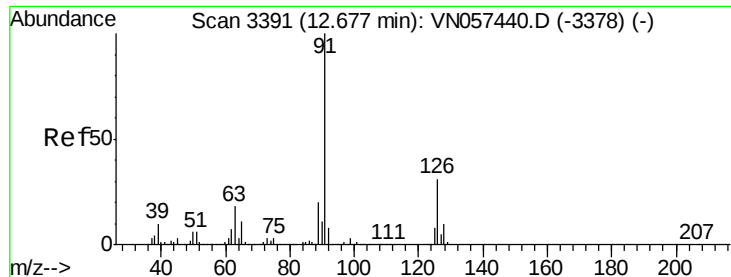
Tgt Ion: 75 Resp: 136959
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#



#78
 n-propylbenzene
 Concen: Below Cal
 RT: 12.60 min Scan# 3366
 Delta R.T. 0.00 min
 Lab File: VN057524.D
 Acq: 26 Aug 2019 21:13

Tgt Ion: 91 Resp: 137
 Ion Ratio Lower Upper
 91 100
 120 0.0 10.7 32.1#

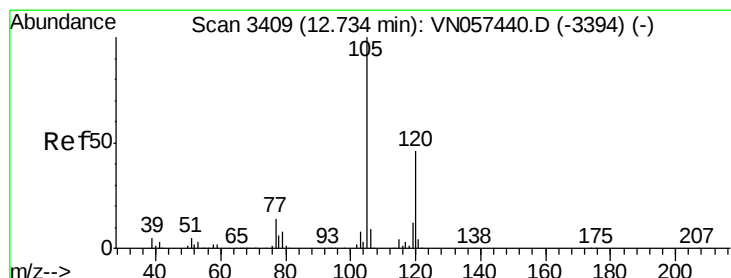
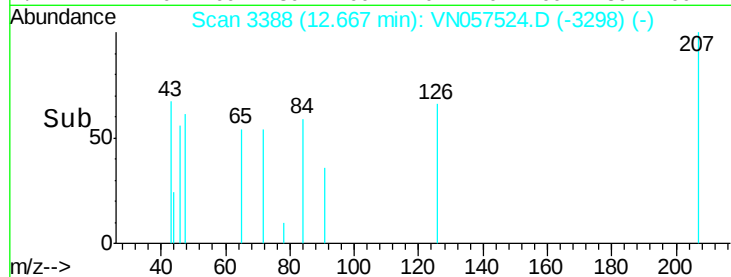
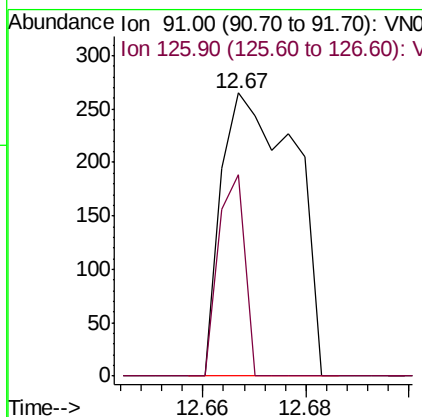
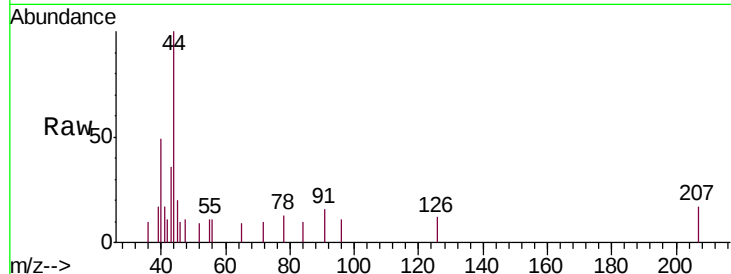




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.67 min Scan# 3388
 Delta R.T. -0.01 min
 Lab File: VN057524.D
 Acq: 26 Aug 2019 21:13

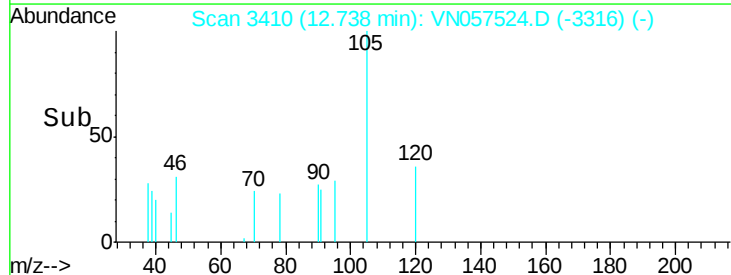
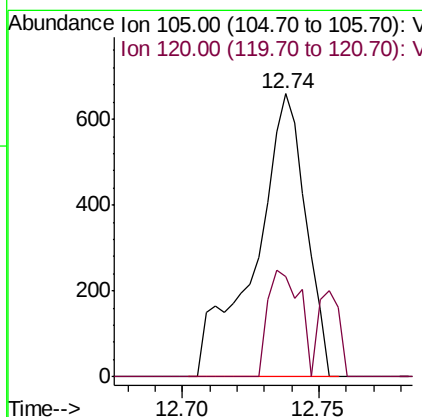
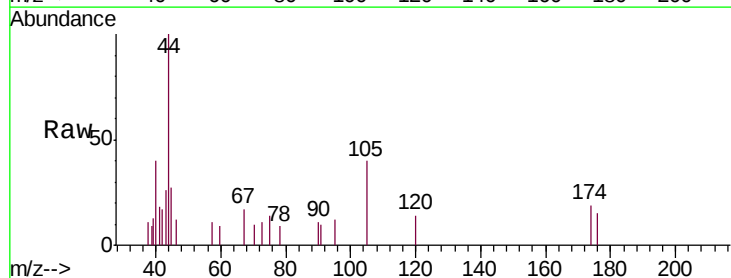
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-I(0)

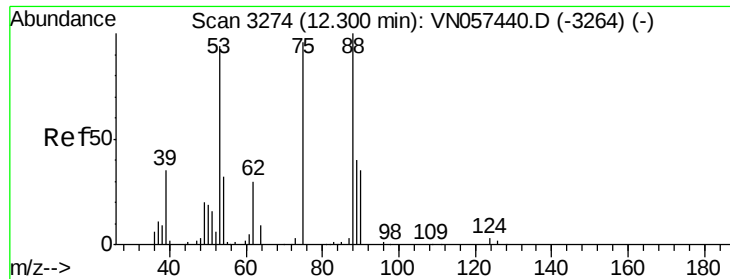
Tgt Ion: 91 Resp: 260
 Ion Ratio Lower Upper
 91 100
 126 25.4 15.3 45.8



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN057524.D
 Acq: 26 Aug 2019 21:13

Tgt Ion: 105 Resp: 851
 Ion Ratio Lower Upper
 105 100
 120 23.9 23.3 69.8





#81

trans-1,4-Dichloro-2-butene

Concen: 114.235 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057524.D

Acq: 26 Aug 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-I-(0)

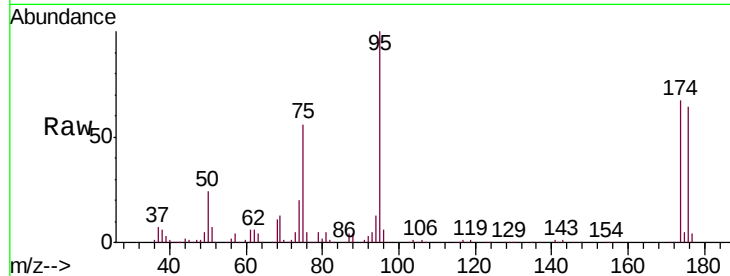
Tgt Ion: 75 Resp: 136959

Ion Ratio Lower Upper

75 100

53 0.0 82.7 124.1#

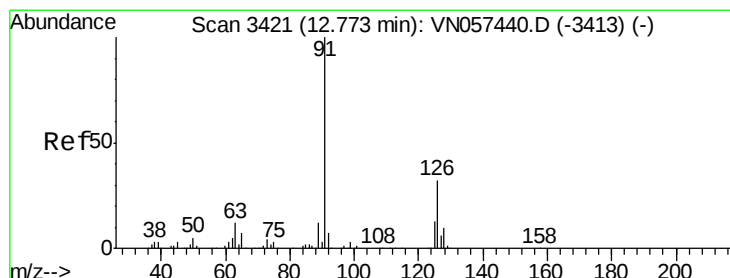
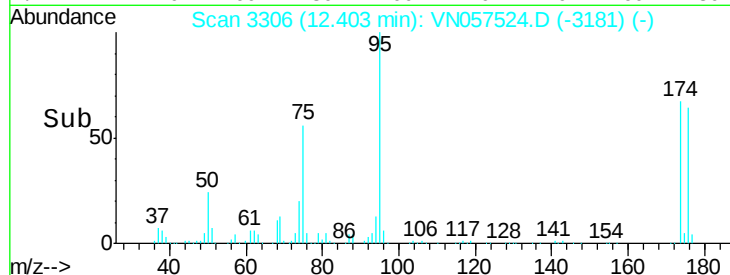
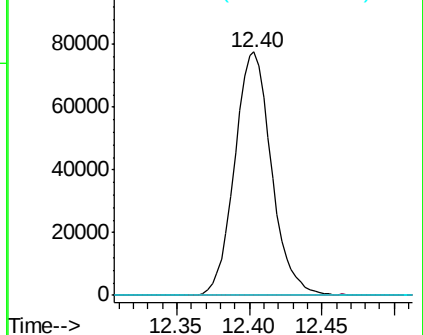
89 0.0 35.8 53.8#



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: 12.67 min Scan# 3388

Delta R.T. -0.11 min

Lab File: VN057524.D

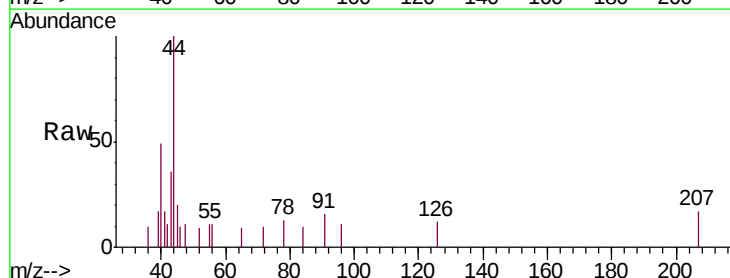
Acq: 26 Aug 2019 21:13

Tgt Ion: 91 Resp: 260

Ion Ratio Lower Upper

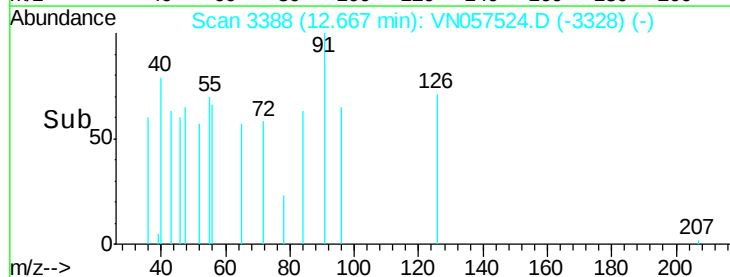
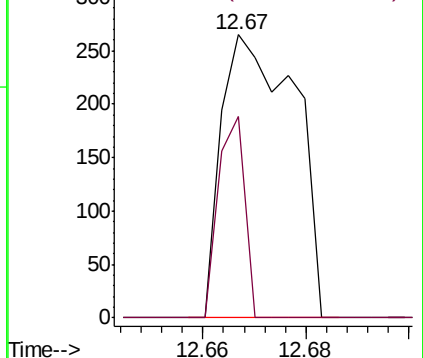
91 100

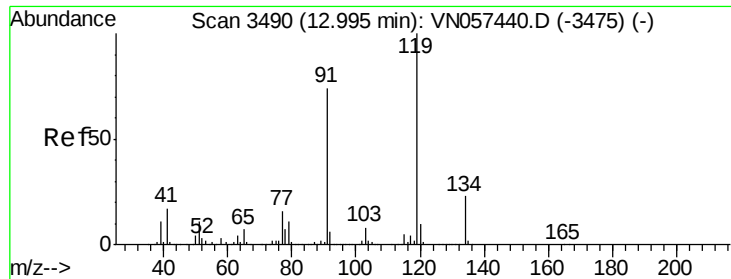
126 25.4 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

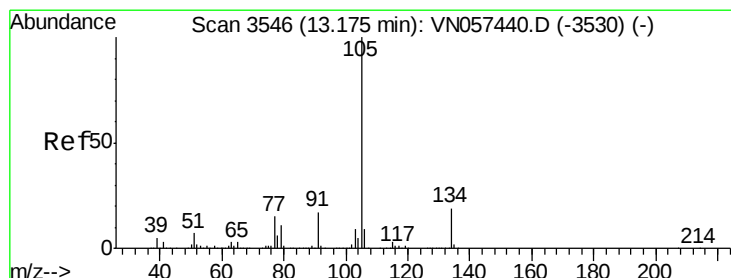
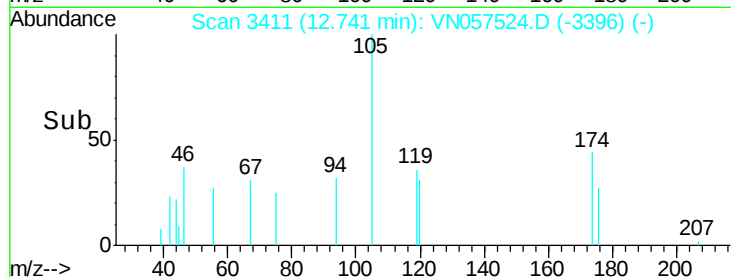
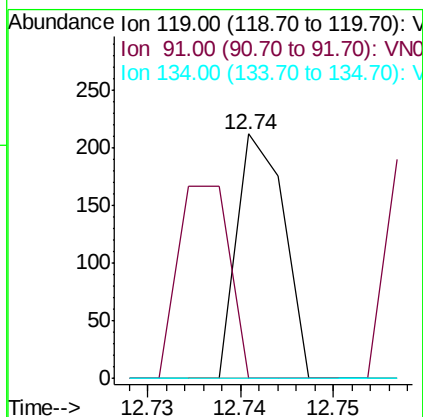
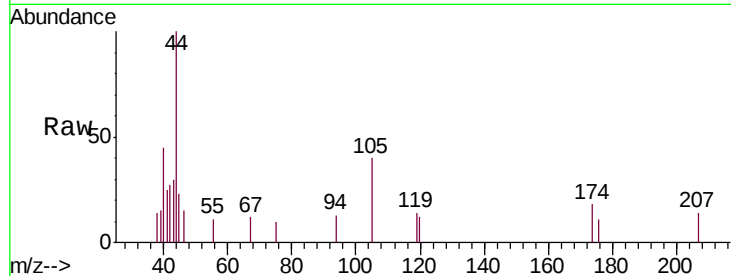




#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.74 min Scan# 3411
Delta R.T. -0.25 min
Lab File: VN057524.D
Acq: 26 Aug 2019 21:13

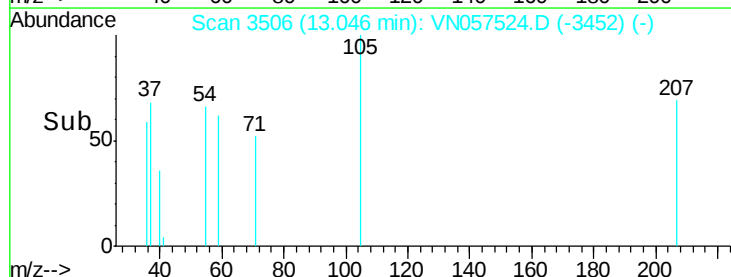
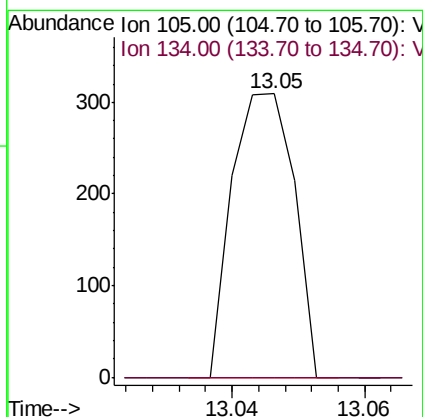
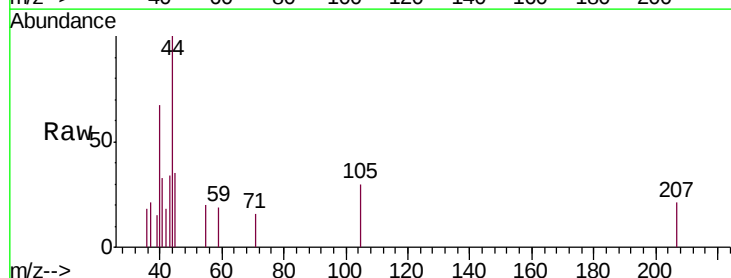
Instrument :
MSVOA_N
ClientSampled :
T9-12-13-I(0)

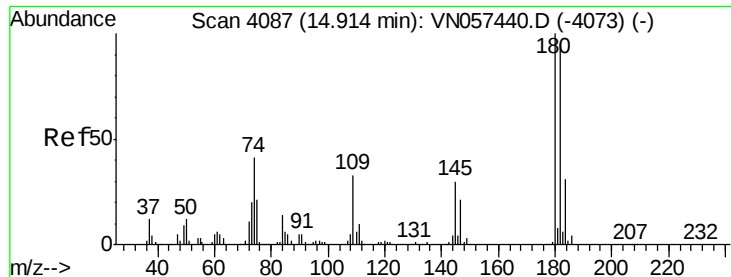
Tgt Ion:119 Resp: 75
Ion Ratio Lower Upper
119 100
91 85.3 37.0 111.0
134 0.0 12.2 36.6#



#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.05 min Scan# 3506
Delta R.T. -0.13 min
Lab File: VN057524.D
Acq: 26 Aug 2019 21:13

Tgt Ion:105 Resp: 203
Ion Ratio Lower Upper
105 100
134 0.0 9.3 27.9#

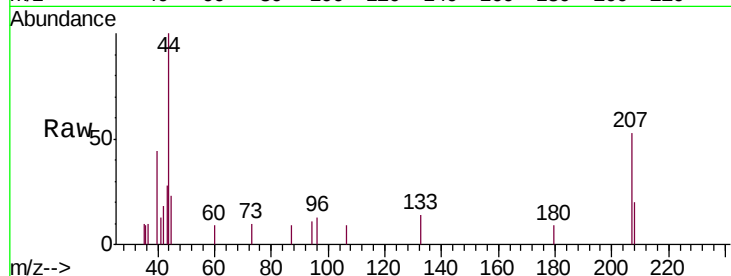




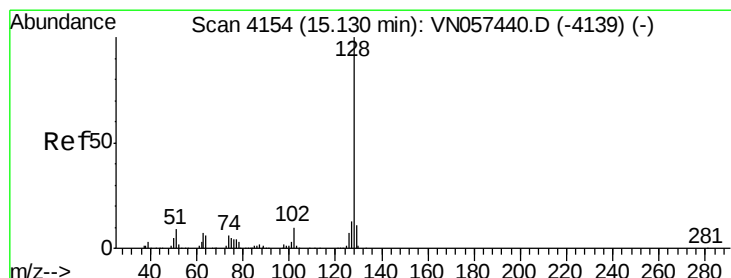
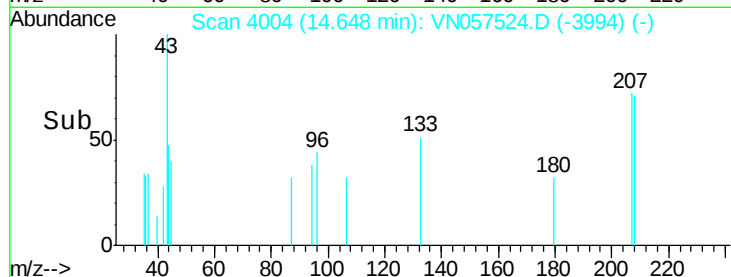
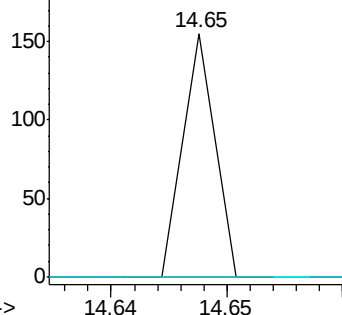
#93
 1,2,4-Trichlorobenzene
 Concen: 5.388 ug/l
 RT: 14.65 min Scan# 4004
 Delta R.T. -0.27 min
 Lab File: VN057524.D
 Acq: 26 Aug 2019 21:13

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

Tgt Ion:180 Resp: 30
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.7 140.1#
 145 0.0 15.6 46.8#

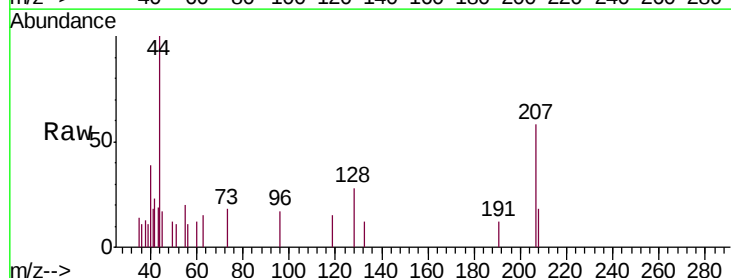


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

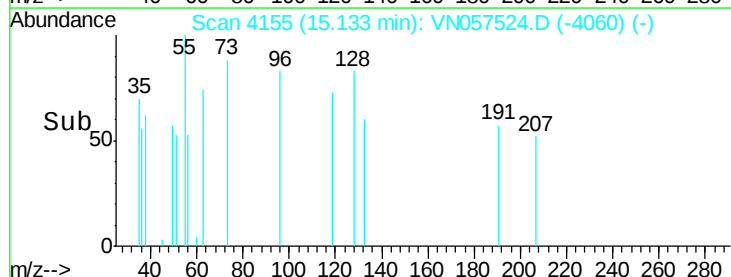
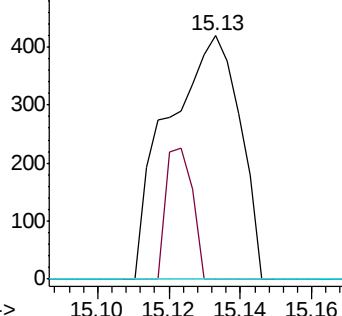


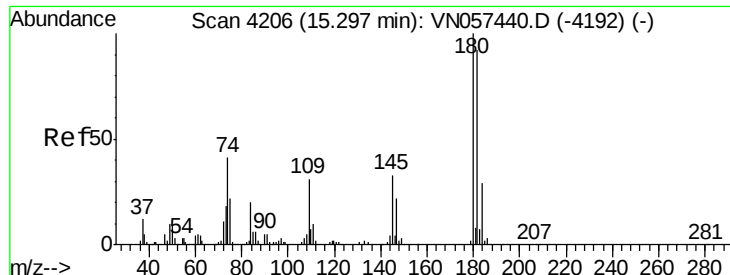
#95
 Naphthalene
 Concen: 4.436 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN057524.D
 Acq: 26 Aug 2019 21:13

Tgt Ion:128 Resp: 582
 Ion Ratio Lower Upper
 128 100
 127 19.9 10.5 15.7#
 129 0.0 8.6 13.0#



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

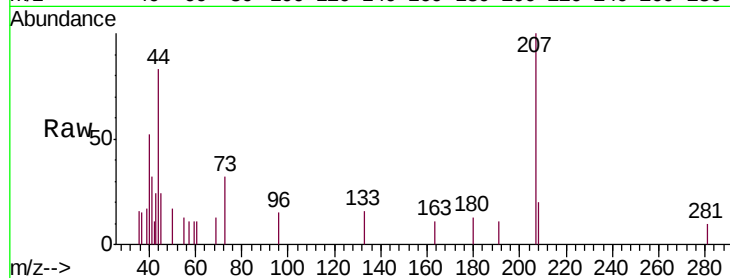




#96
 1,2,3-Trichlorobenzene
 Concen: 5.169 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN057524.D
 Acq: 26 Aug 2019 21:13

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

Tgt Ion	Ratio	Lower	Upper
180	100		
182	69.6	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

