

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057535.D
 Acq On : 27 Aug 2019 1:53
 Operator : JC/SP
 Sample : K4493-40
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K4-(1.9)

Quant Time: Aug 27 07:21:53 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	382380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	676772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	547241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	128177	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	323382	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
35) Dibromofluoromethane	7.58	113	219655	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
50) Toluene-d8	10.08	98	861063	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.40	95	227898	38.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.82%	
Target Compounds						
8) Diethyl Ether	3.39	74	1792	Below Cal		96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	128	Below Cal	#	20
16) Acetone	3.80	43	9830	3.182	ug/l	99
18) Methyl Acetate	4.30	43	9472	0.476	ug/l #	50
20) Methylene Chloride	4.53	84	9789	2.066	ug/l #	85
29) Tetrahydrofuran	7.19	42	782	0.354	ug/l #	41
31) Cyclohexane	7.65	56	12668	1.341	ug/l #	12
36) 1,1-Dichloropropene	7.65	75	37937	5.486	ug/l #	47
38) Carbon Tetrachloride	7.65	117	42040	6.119	ug/l #	16
43) Isopropyl Acetate	8.16	43	92617	7.392	ug/l	99
46) Dibromomethane	9.09	93	30	Below Cal	#	10
48) Methyl methacrylate	9.18	41	4760	0.799	ug/l #	16
49) 1,4-Dioxane	9.25	88	35	0.454	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	5609	0.803	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	36314	4.038	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	4993	0.593	ug/l #	44
58) 2-Chloroethyl Vinyl ether	9.62	63	30	17.078	ug/l #	52
59) 2-Hexanone	10.76	43	76999	16.077	ug/l #	57
71) Bromoform	12.40	173	1752	0.611	ug/l #	1
73) Isopropylbenzene	12.40	105	322	Below Cal	#	50
74) N-amyl acetate	12.03	43	1818	Below Cal	#	60
75) 1,1,2,2-Tetrachloroethane	12.53	83	77	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	130607	45.715	ug/l #	100
78) n-propylbenzene	12.41	91	1073	Below Cal	#	55
79) 2-Chlorotoluene	12.41	91	1033	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.74	105	417	Below Cal		75
81) trans-1,4-Dichloro-2-buten	12.40	75	130607	117.079	ug/l #	9
82) 4-Chlorotoluene	13.01	91	31	Below Cal	#	45
85) sec-Butylbenzene	13.08	105	32	Below Cal	#	58
92) 1,2-Dibromo-3-Chloropropan	14.12	75	33	Below Cal	#	11
95) Naphthalene	15.14	128	396	4.410	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	31	5.133	ug/l #	13

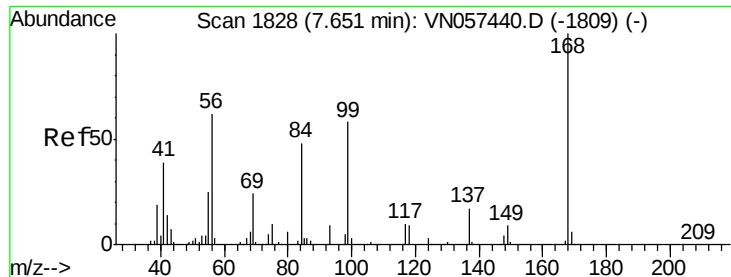
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
Data File : VN057535.D
Acq On : 27 Aug 2019 1:53
Operator : JC/SP
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QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

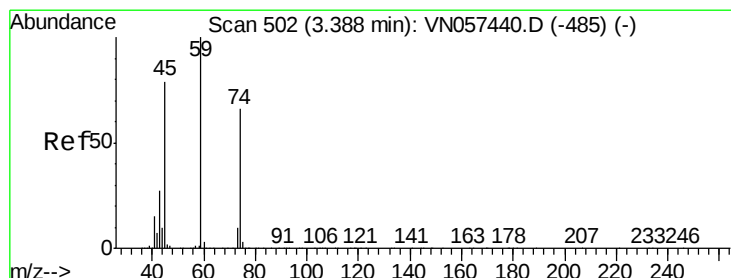
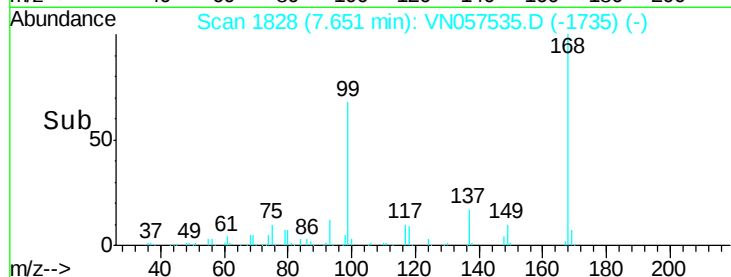
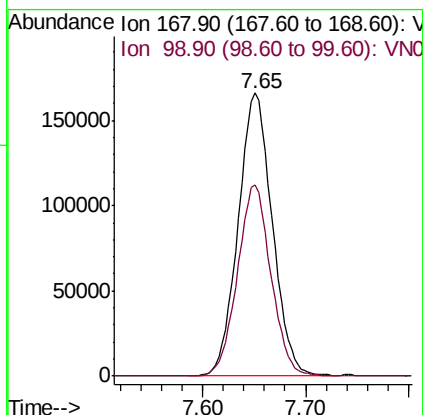
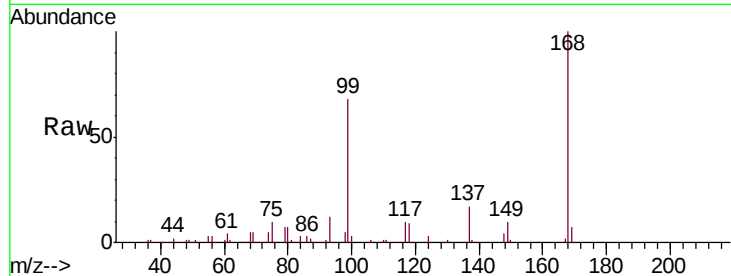
(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN057535.D
Acq: 27 Aug 2019 1:53

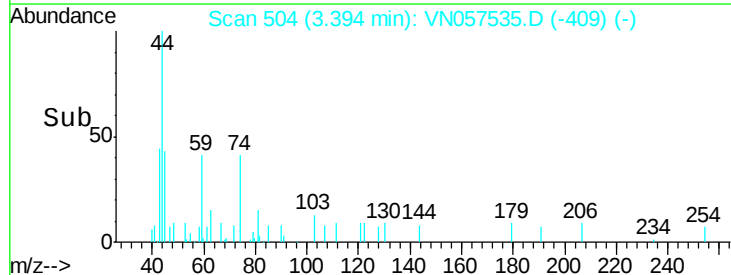
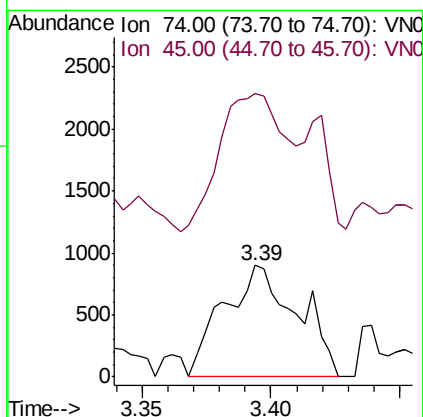
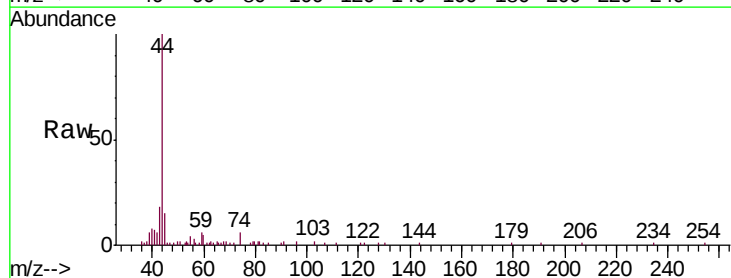
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K4-(1.9)

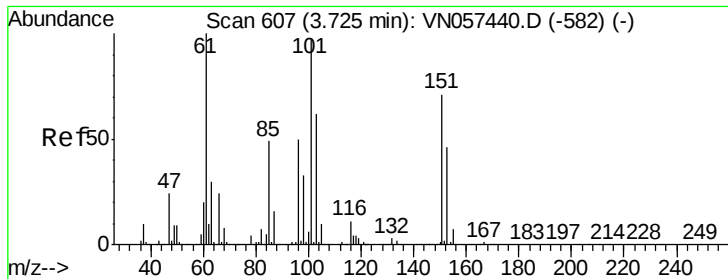
Tgt Ion:168 Resp: 382380
Ion Ratio Lower Upper
168 100
99 67.5 50.6 76.0



#8
Diethyl Ether
Concen: Below Cal
RT: 3.39 min Scan# 504
Delta R.T. 0.01 min
Lab File: VN057535.D
Acq: 27 Aug 2019 1:53

Tgt Ion: 74 Resp: 1792
Ion Ratio Lower Upper
74 100
45 111.6 57.9 173.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.72 min Scan# 605

Delta R.T. -0.01 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

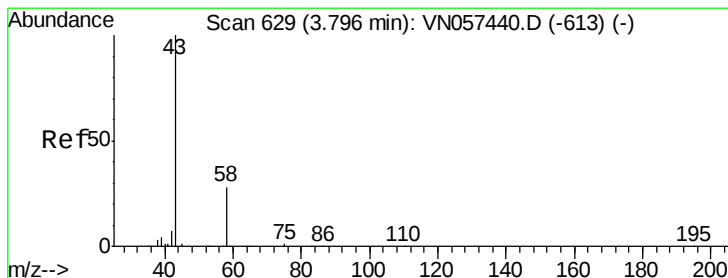
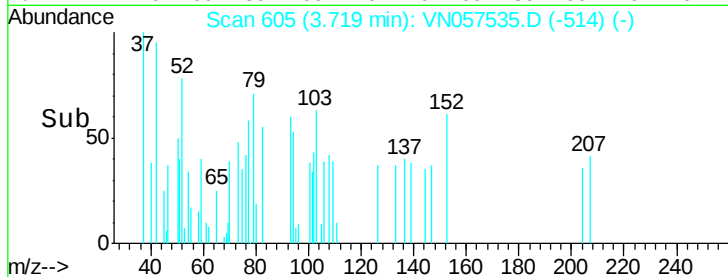
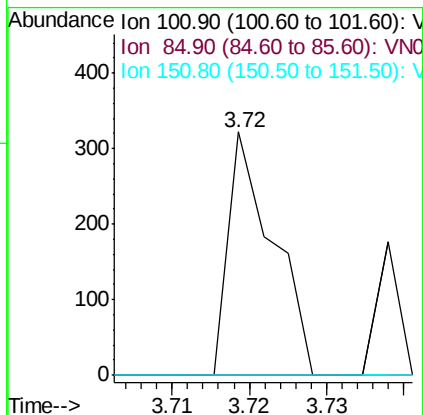
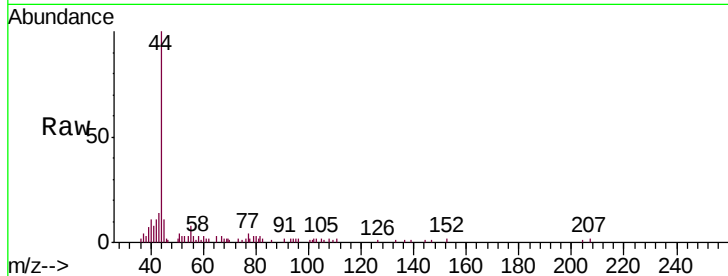
Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K4-(1.9)

Tgt Ion:	101	Resp:	128
Ion	Ratio	Lower	Upper
101	100		
85	0.0	40.0	60.0#
151	0.0	57.0	85.6#



#16

Acetone

Concen: 3.182 ug/l

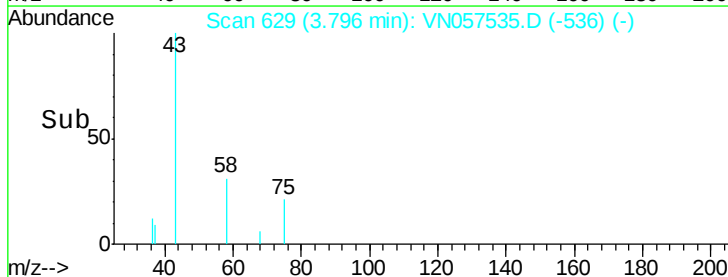
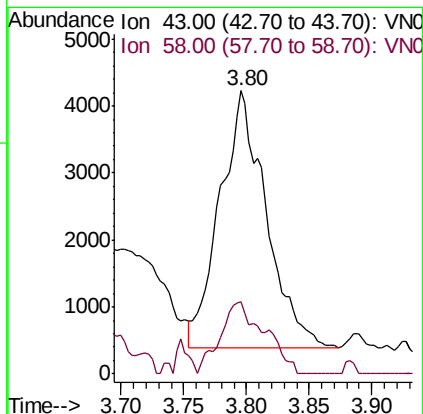
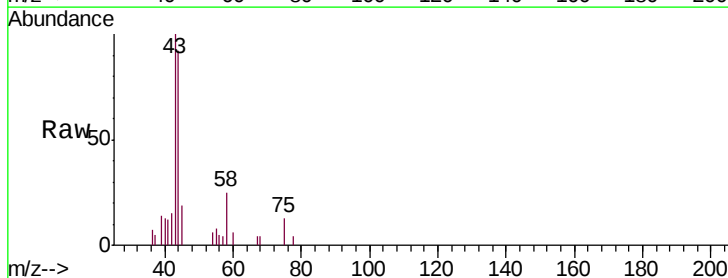
RT: 3.80 min Scan# 629

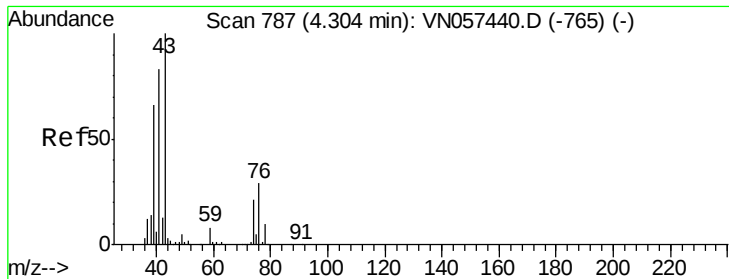
Delta R.T. -0.00 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

Tgt Ion:	43	Resp:	9830
Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.1	33.1

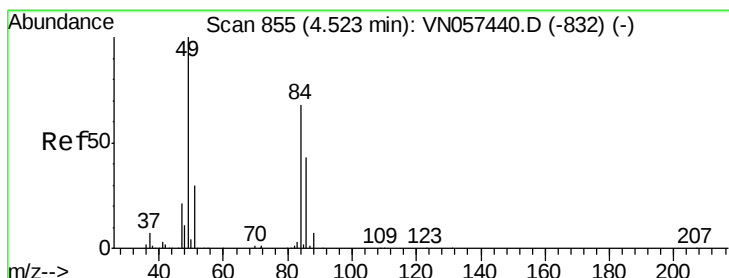
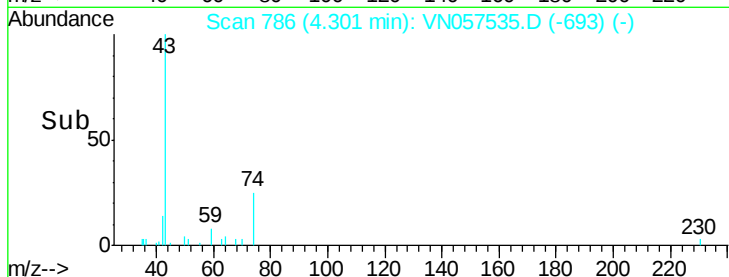
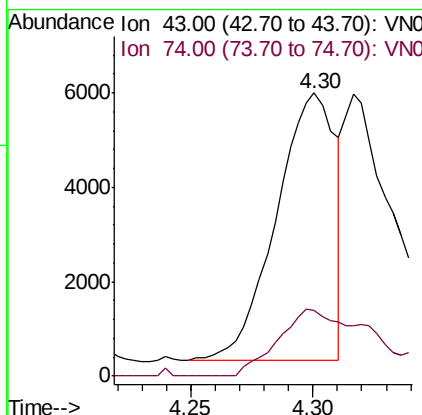
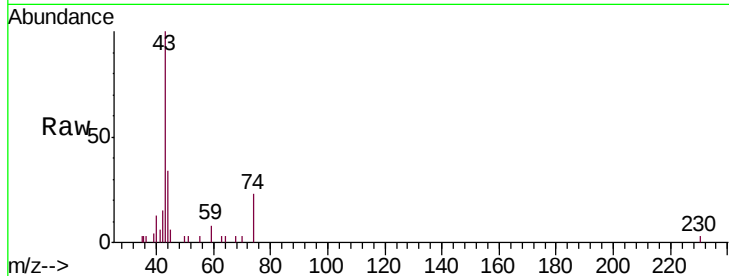




#18
Methyl Acetate
Concen: 0.476 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN057535.D
Acq: 27 Aug 2019 1:53

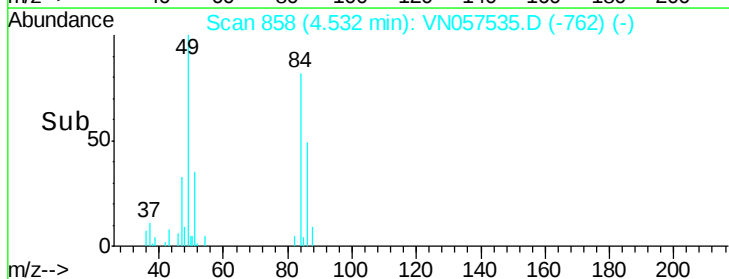
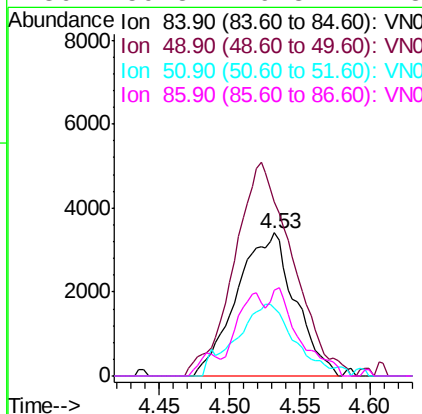
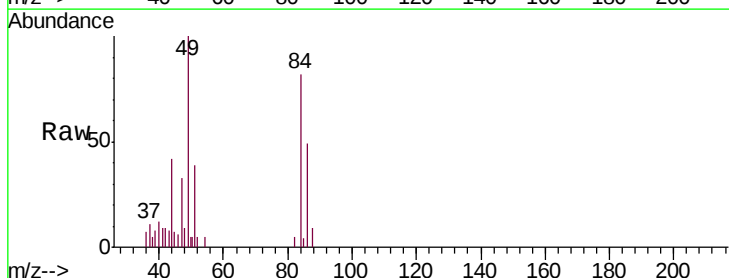
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K4-(1.9)

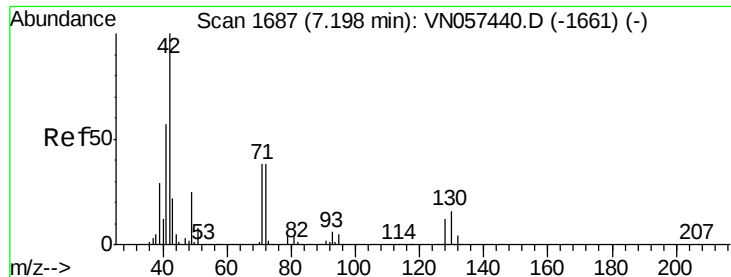
Tgt Ion: 43 Resp: 9472
Ion Ratio Lower Upper
43 100
74 42.8 15.9 23.9#



#20
Methylene Chloride
Concen: 2.066 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN057535.D
Acq: 27 Aug 2019 1:53

Tgt Ion: 84 Resp: 9789
Ion Ratio Lower Upper
84 100
49 116.3 117.0 175.4#
51 47.4 35.5 53.3
86 59.8 49.8 74.8





#29

Tetrahydrofuran

Concen: 0.354 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K4-(1.9)

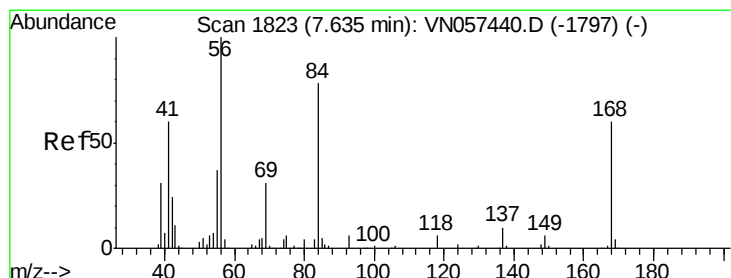
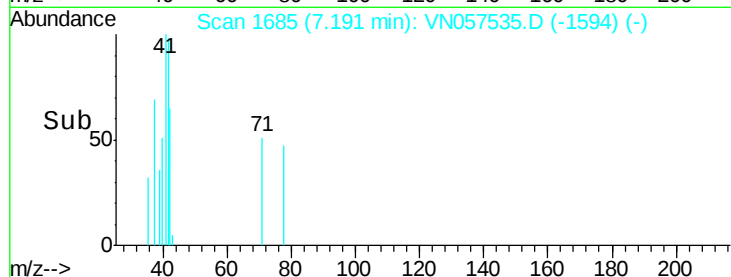
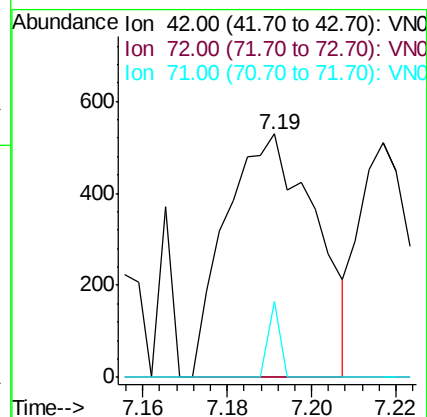
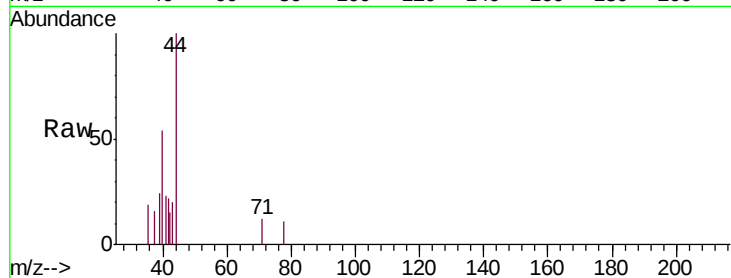
Tgt Ion: 42 Resp: 782

Ion Ratio Lower Upper

42 100

72 0.0 30.1 45.1#

71 4.1 28.8 43.2#



#31

Cyclohexane

Concen: 1.341 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

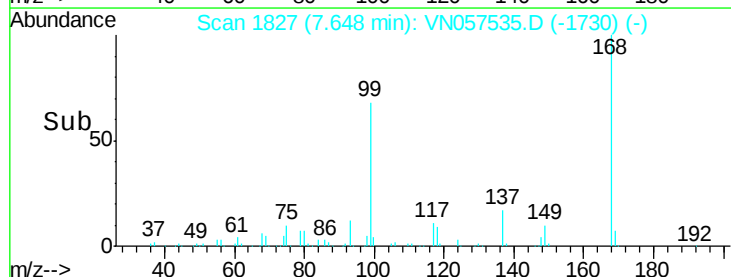
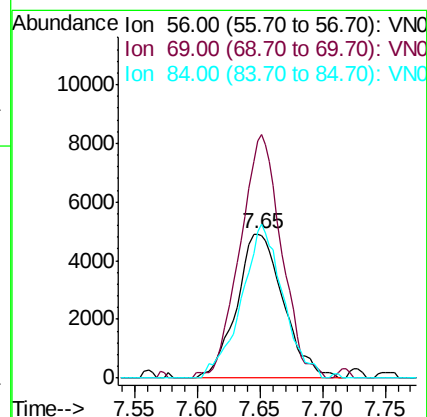
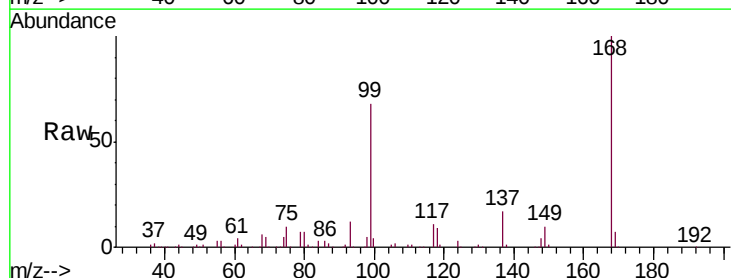
Tgt Ion: 56 Resp: 12668

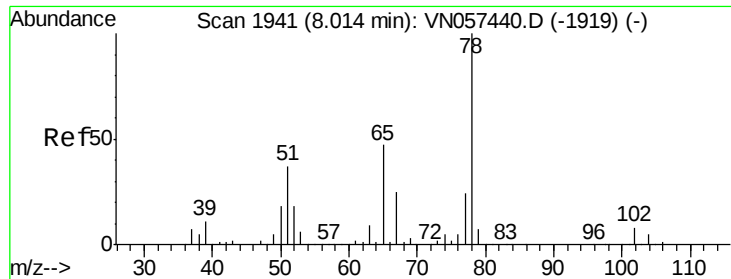
Ion Ratio Lower Upper

56 100

69 164.6 25.0 37.6#

84 101.4 62.5 93.7#





#33

1,2-Dichloroethane-d4

Concen: 48.076 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

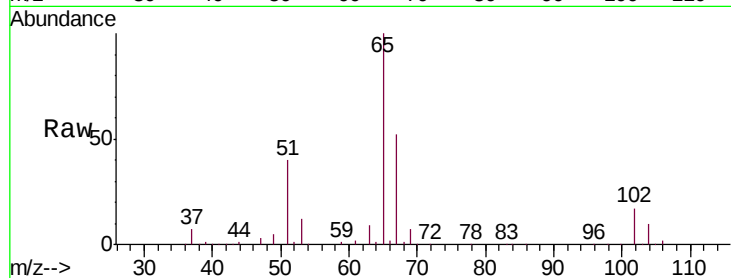
T9-12-13-K4-(1.9)

Tgt Ion: 65 Resp: 323382

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

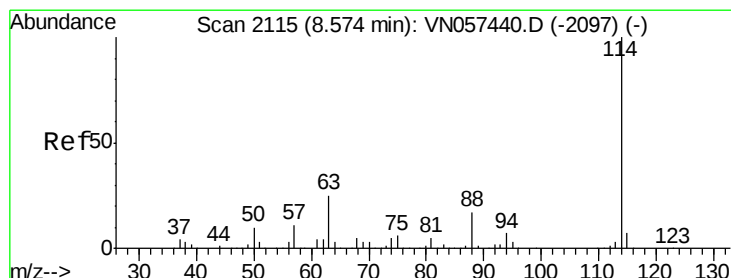
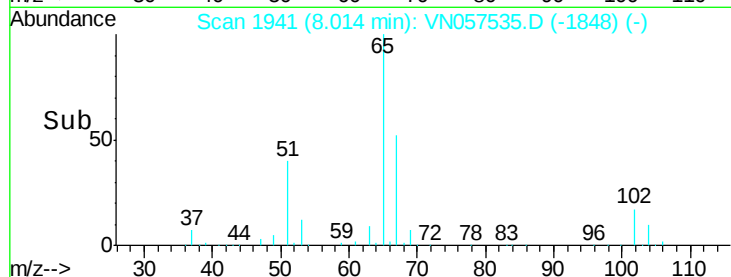
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

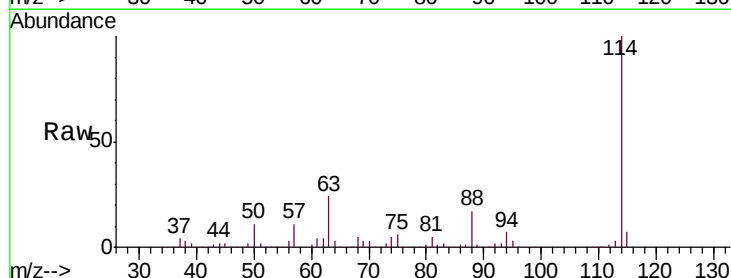
Tgt Ion: 114 Resp: 676772

Ion Ratio Lower Upper

114 100

63 23.9 0.0 50.2

88 17.2 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.57

400000

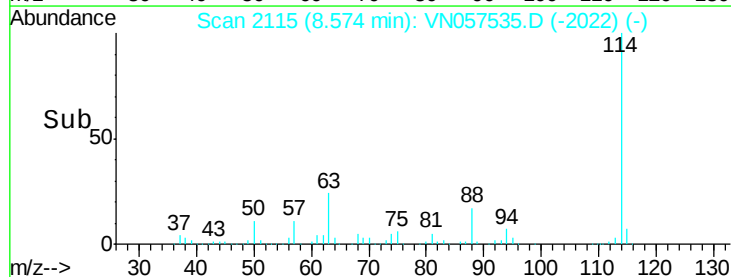
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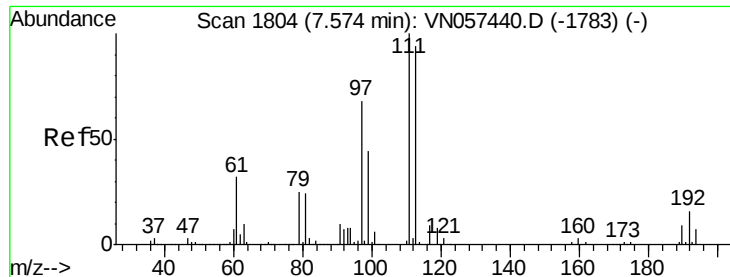
200000

100000

0

Time-->

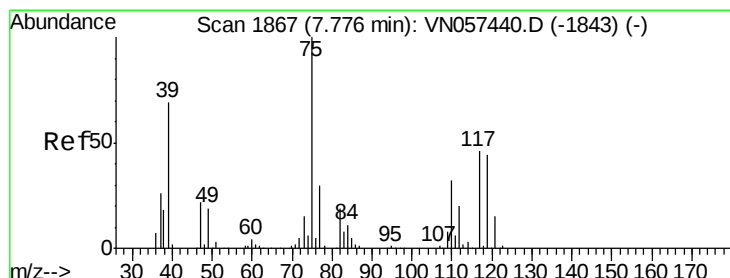
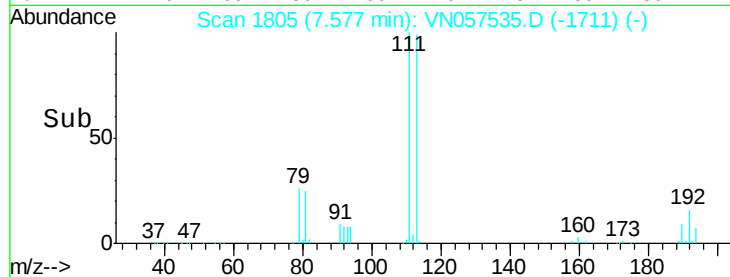
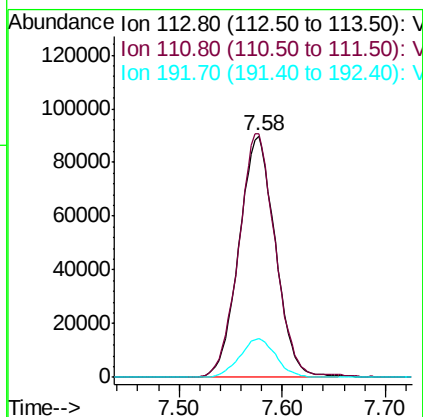
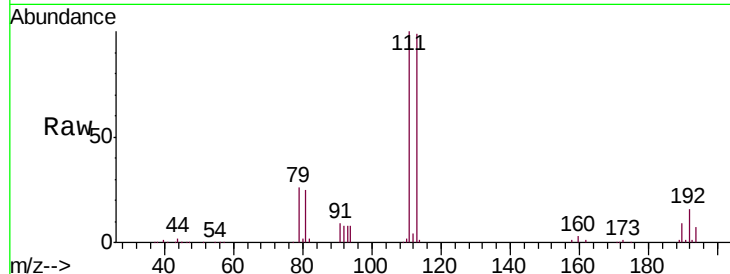




#35
 Dibromofluoromethane
 Concen: 48.051 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057535.D
 Acq: 27 Aug 2019 1:53

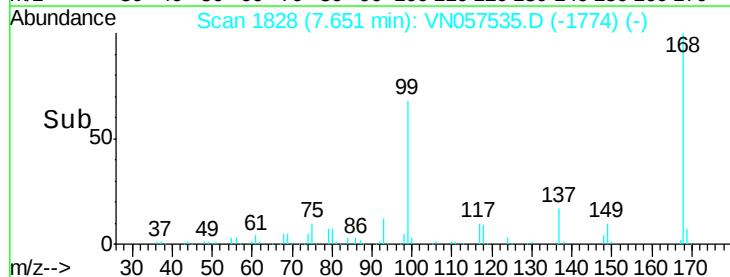
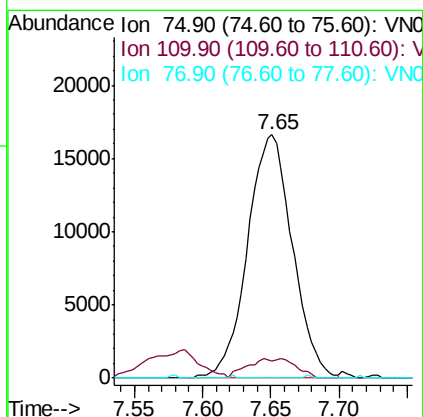
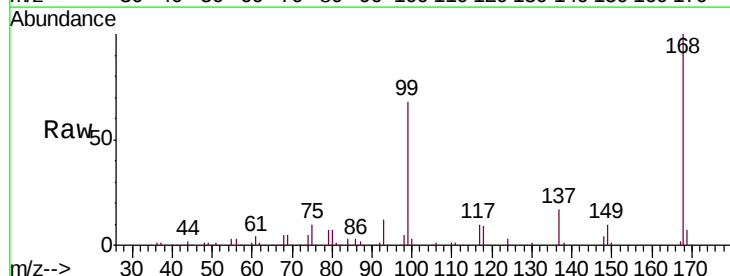
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K4-(1.9)

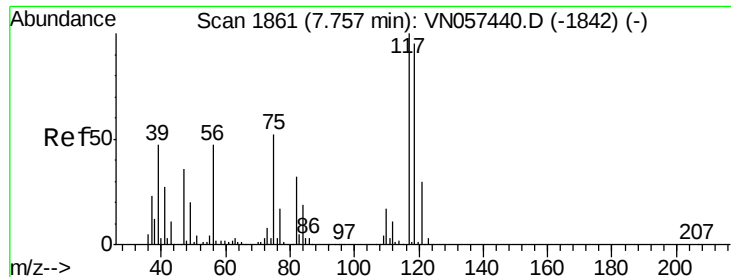
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	83.8	125.6
192	16.0	13.5	20.3



#36
 1,1-Dichloropropene
 Concen: 5.486 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057535.D
 Acq: 27 Aug 2019 1:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	4.7	16.1	48.3#
77	0.0	24.8	37.2#

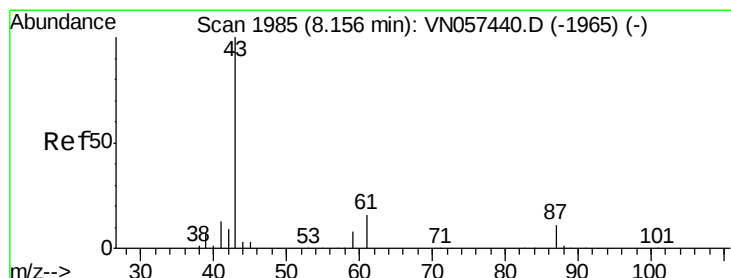
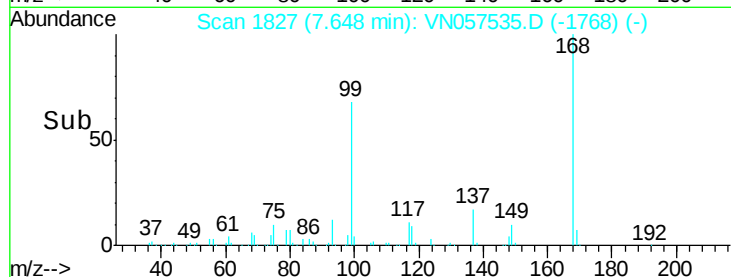
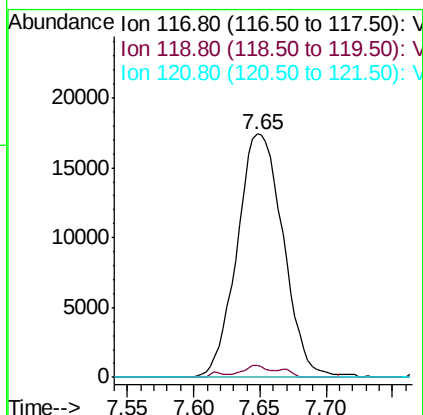
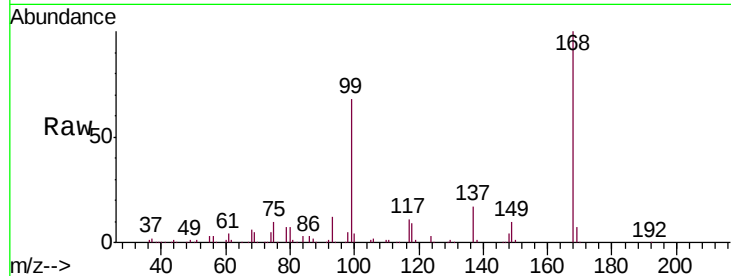




#38
Carbon Tetrachloride
Concen: 6.119 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN057535.D
Acq: 27 Aug 2019 1:53

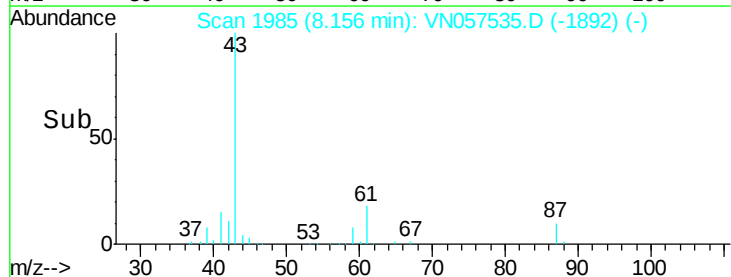
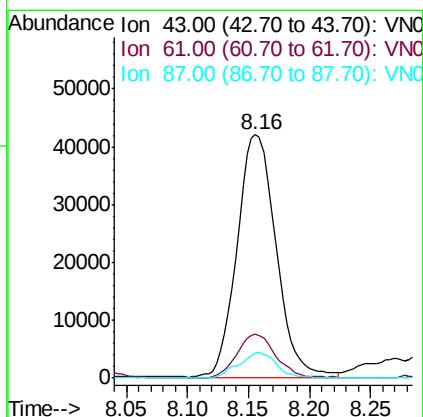
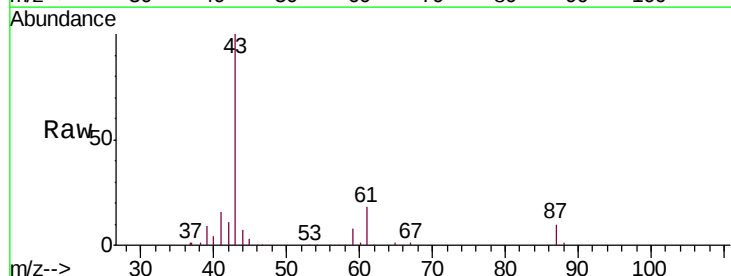
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K4-(1.9)

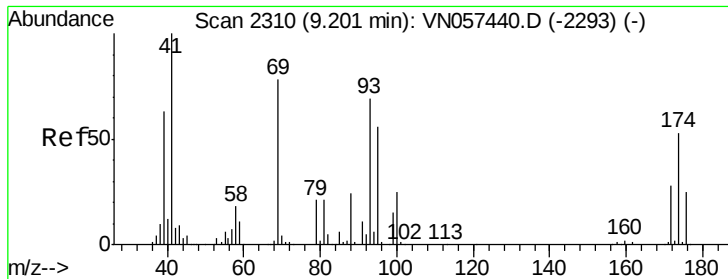
Tgt Ion:117 Resp: 42040
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.4#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 7.392 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN057535.D
Acq: 27 Aug 2019 1:53

Tgt Ion: 43 Resp: 92617
Ion Ratio Lower Upper
43 100
61 18.1 14.5 21.7
87 10.2 8.6 12.8





#46

Dibromomethane

Concen: Below Cal

RT: 9.09 min Scan# 2275

Delta R.T. -0.11 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K4-(1.9)

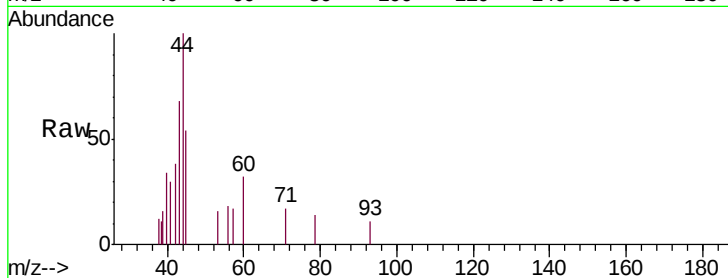
Tgt Ion: 93 Resp: 30

Ion Ratio Lower Upper

93 100

95 0.0 64.7 97.1#

174 0.0 62.3 93.5#

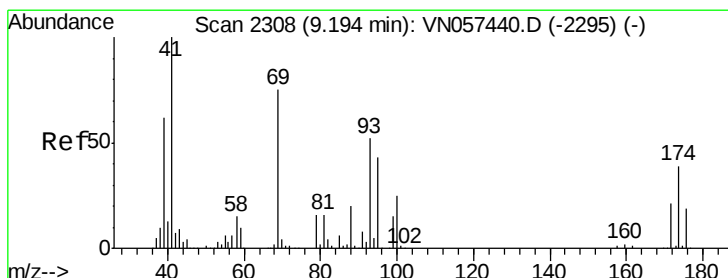
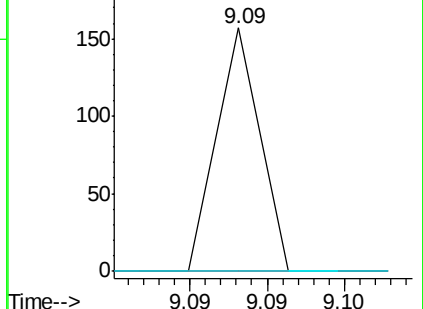
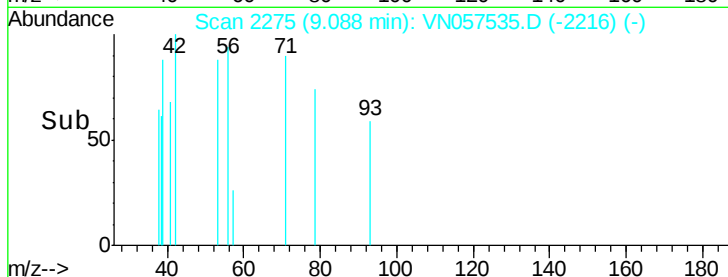


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): VN0

Time-->



#48

Methyl methacrylate

Concen: 0.799 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

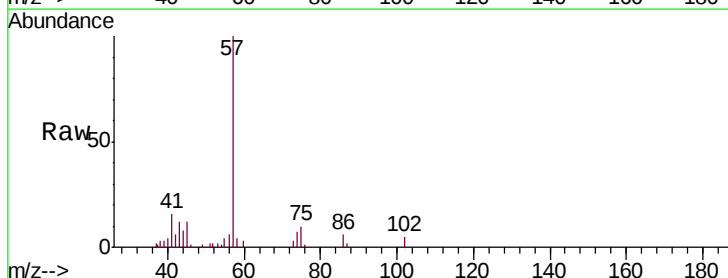
Tgt Ion: 41 Resp: 4760

Ion Ratio Lower Upper

41 100

69 1.4 59.3 88.9#

39 0.0 50.6 75.8#

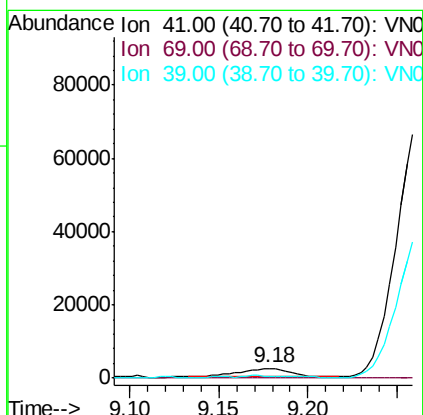
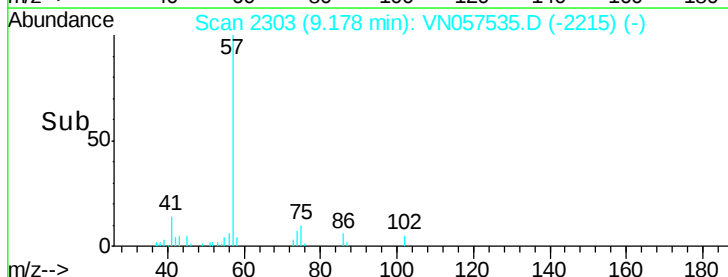


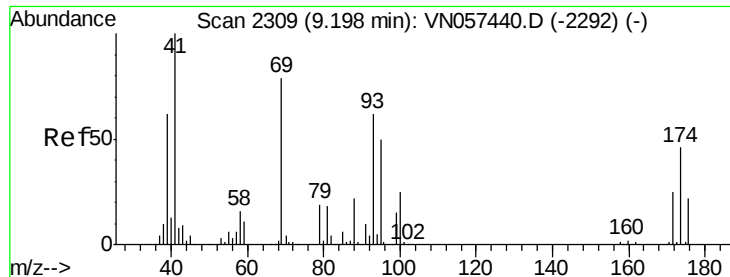
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Time-->

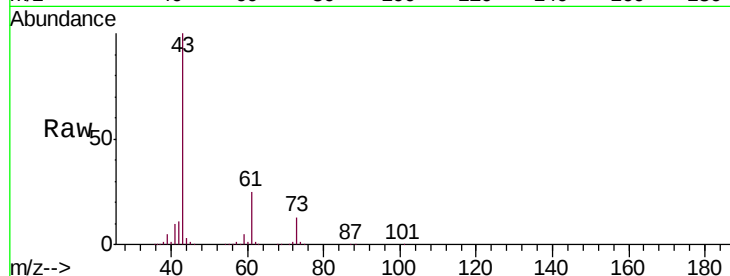




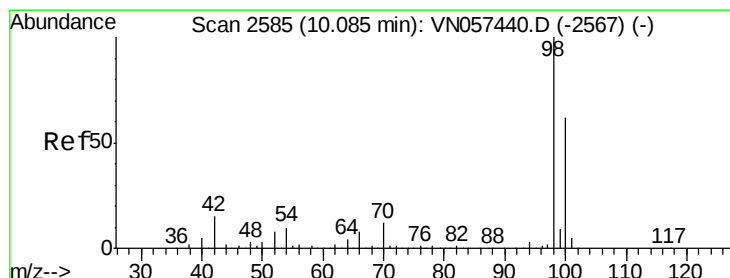
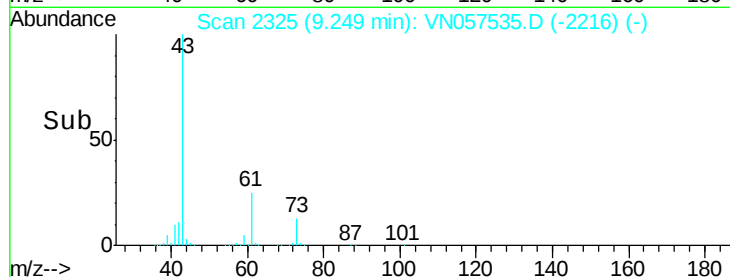
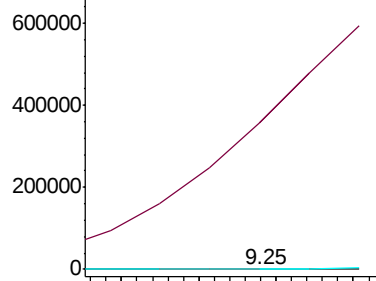
#49
1,4-Dioxane
Concen: 0.454 ug/l
RT: 9.25 min Scan# 2325
Delta R.T. 0.05 min
Lab File: VN057535.D
Acq: 27 Aug 2019 1:53

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K4-(1.9)

Tgt Ion: 88 Resp: 35
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 0.0 64.5 96.7#

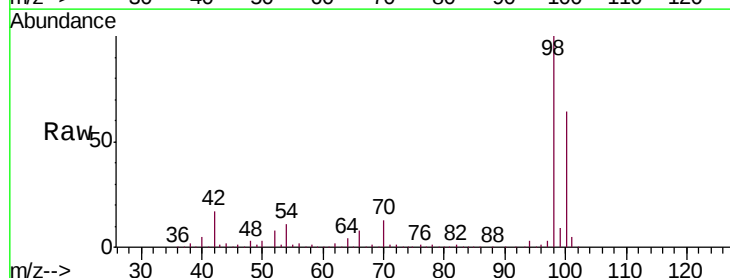


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

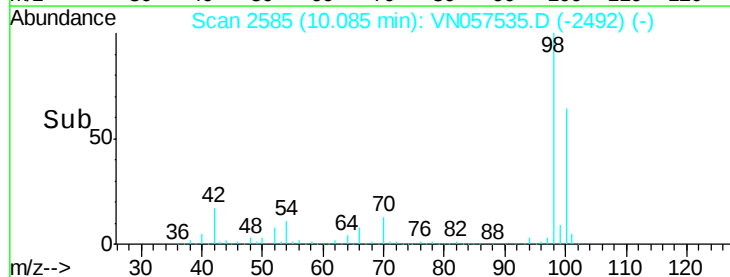
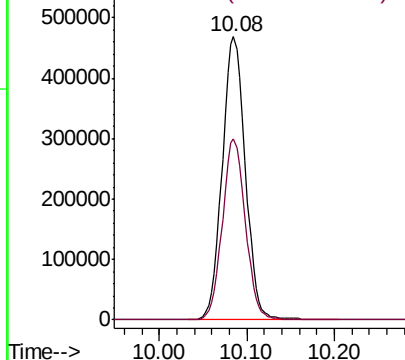


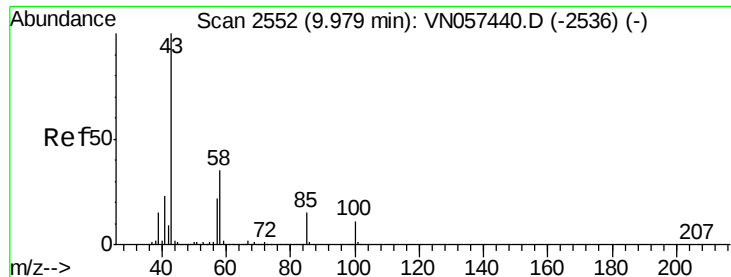
#50
Toluene-d8
Concen: 49.815 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057535.D
Acq: 27 Aug 2019 1:53

Tgt Ion: 98 Resp: 861063
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: 0.803 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.01 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

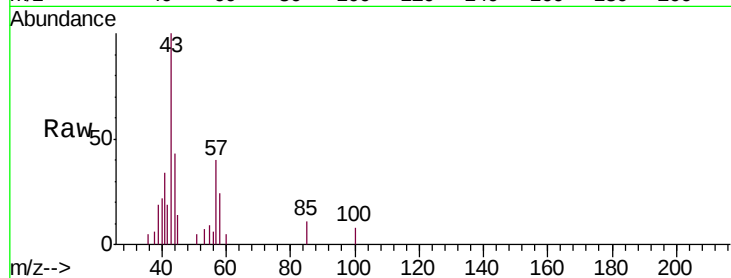
T9-12-13-K4-(1.9)

Tgt Ion: 43 Resp: 5609

Ion Ratio Lower Upper

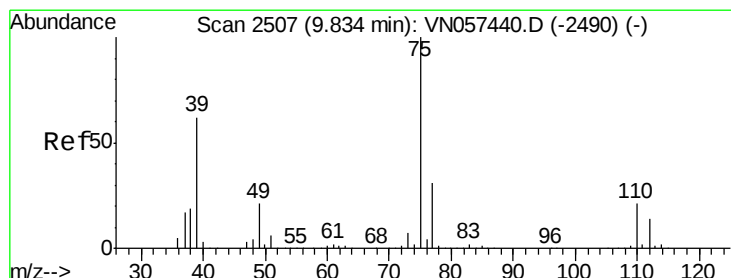
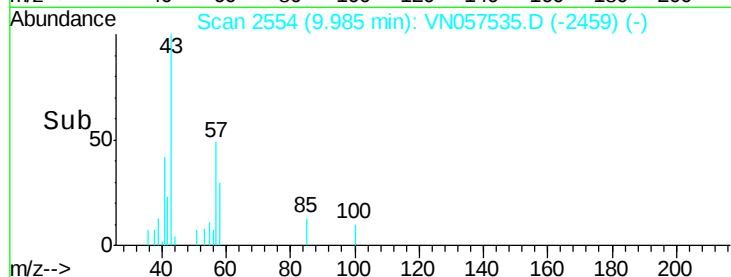
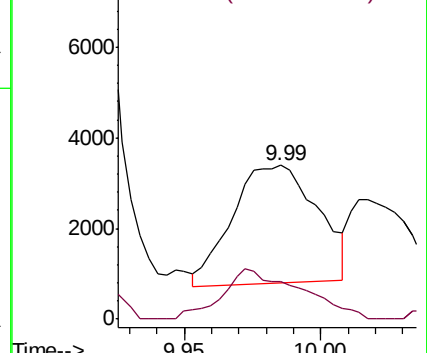
43 100

58 40.0 27.9 41.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.038 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

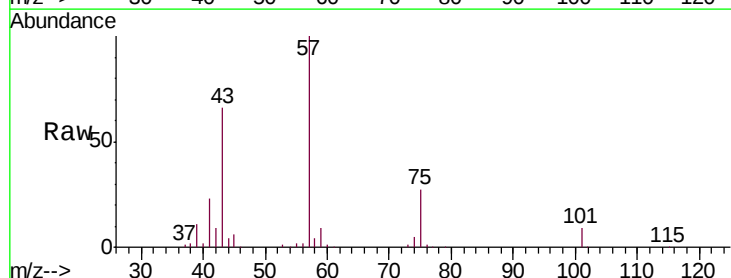
Tgt Ion: 75 Resp: 36314

Ion Ratio Lower Upper

75 100

77 1.6 25.0 37.6#

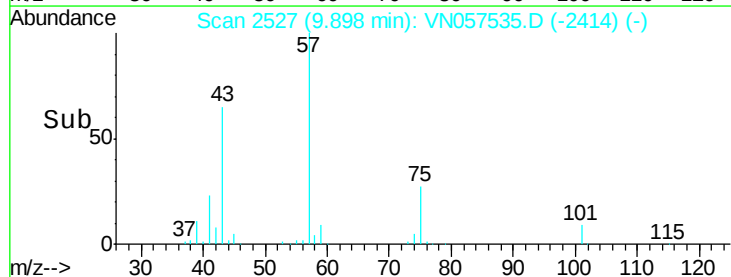
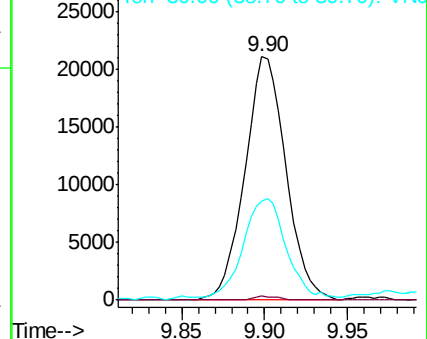
39 39.7 49.2 73.8#

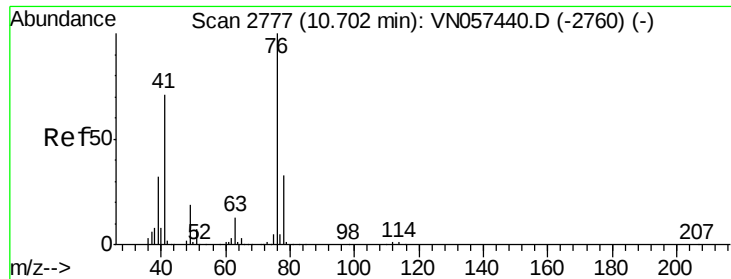


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 0.593 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

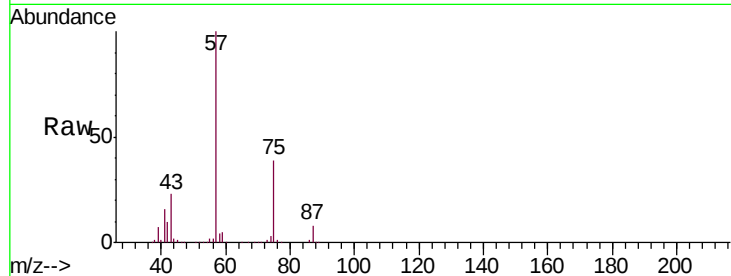
T9-12-13-K4-(1.9)

Tgt Ion: 76 Resp: 4993

Ion Ratio Lower Upper

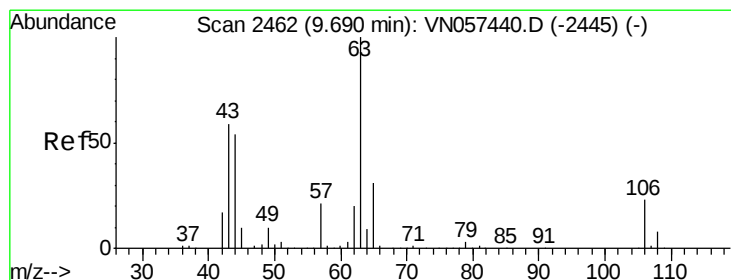
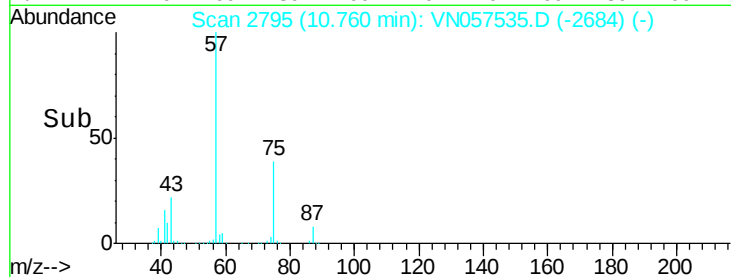
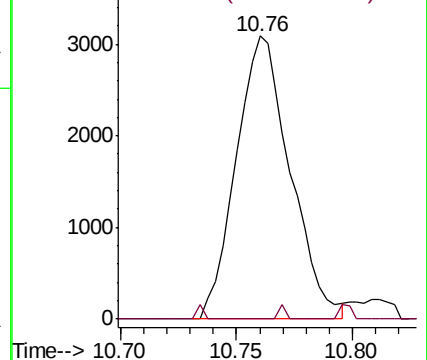
76 100

78 0.6 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 17.078 ug/l

RT: 9.62 min Scan# 2441

Delta R.T. -0.07 min

Lab File: VN057535.D

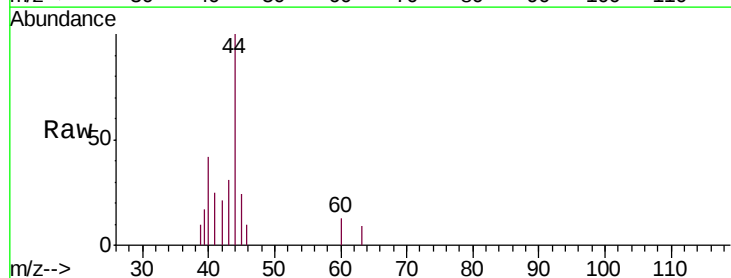
Acq: 27 Aug 2019 1:53

Tgt Ion: 63 Resp: 30

Ion Ratio Lower Upper

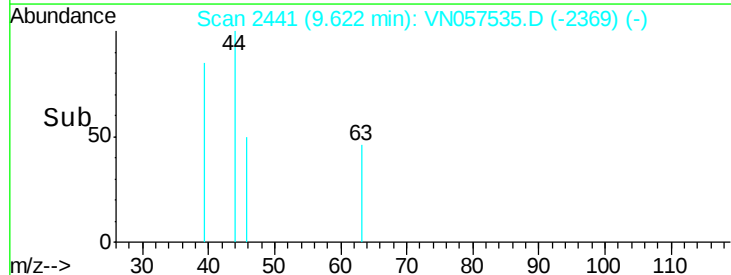
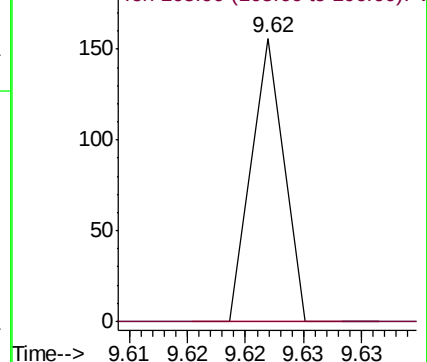
63 100

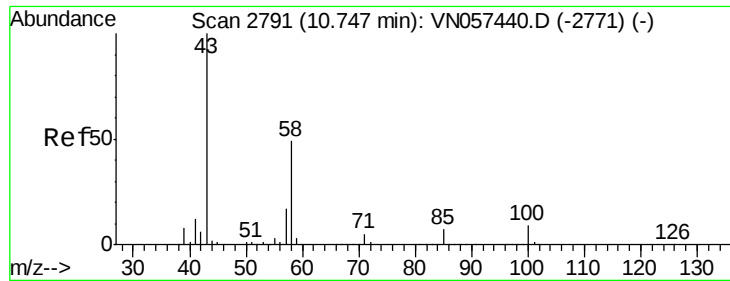
106 0.0 18.6 27.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

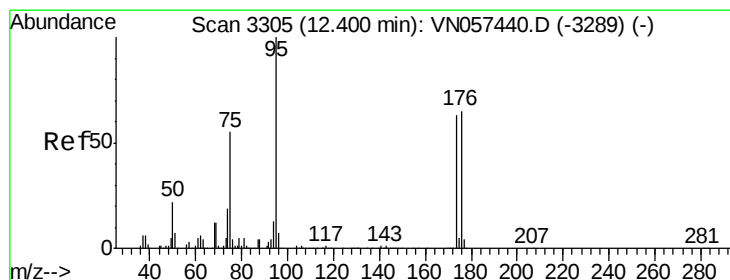
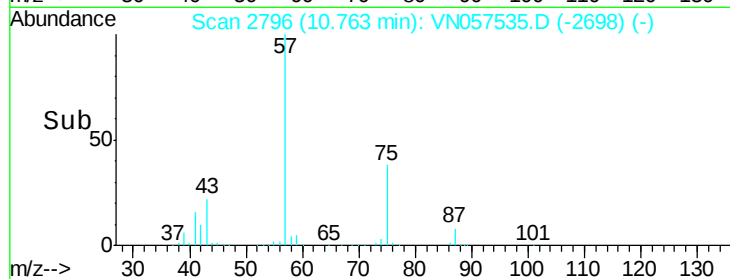
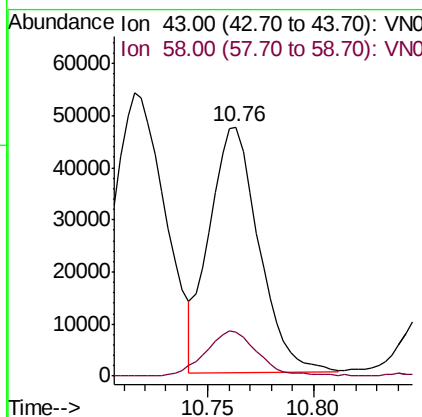
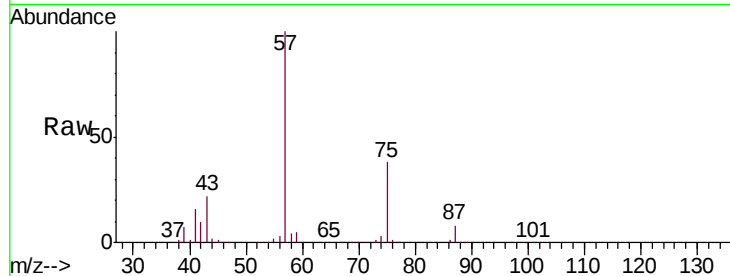




#59
2-Hexanone
Concen: 16.077 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.02 min
Lab File: VN057535.D
Acq: 27 Aug 2019 1:53

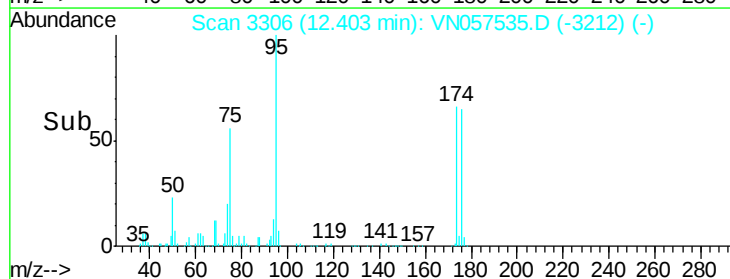
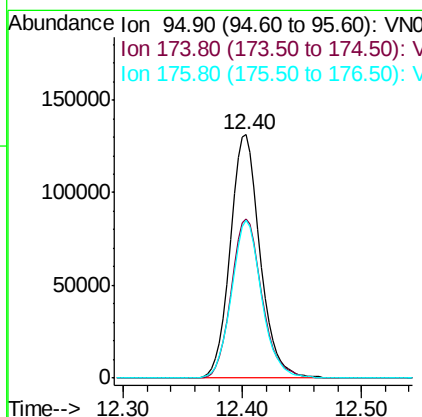
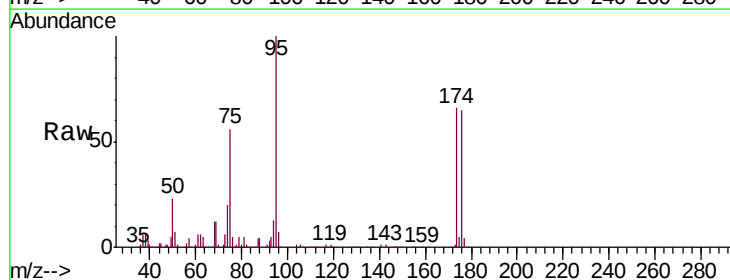
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K4-(1.9)

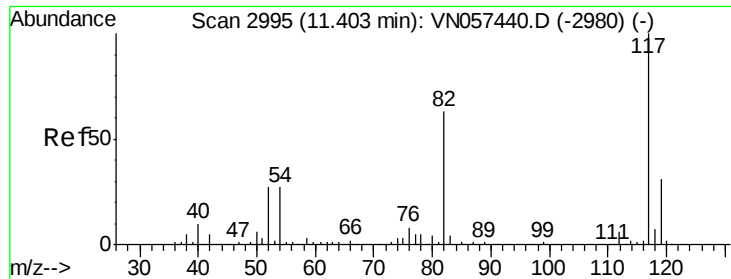
Tgt Ion: 43 Resp: 76999
Ion Ratio Lower Upper
43 100
58 19.5 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 38.906 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057535.D
Acq: 27 Aug 2019 1:53

Tgt Ion: 95 Resp: 227898
Ion Ratio Lower Upper
95 100
174 67.8 0.0 133.0
176 65.7 0.0 130.8

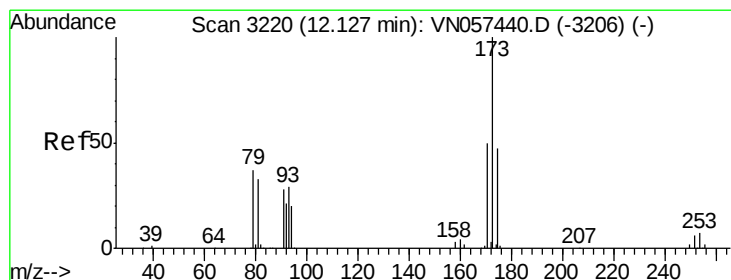
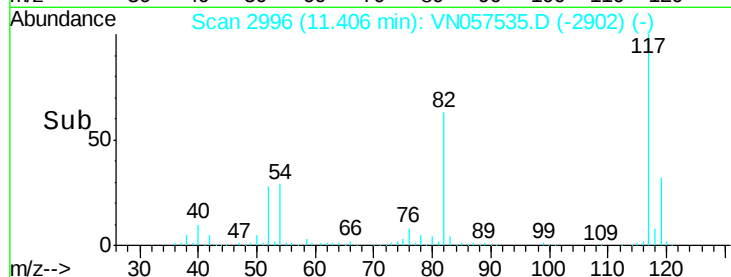
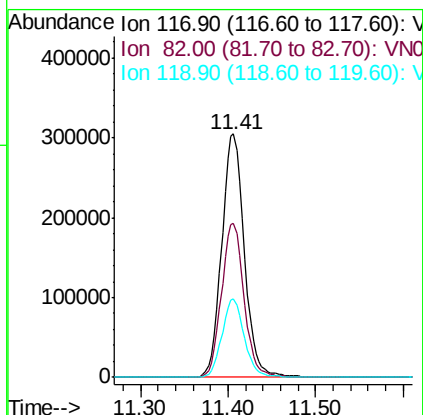
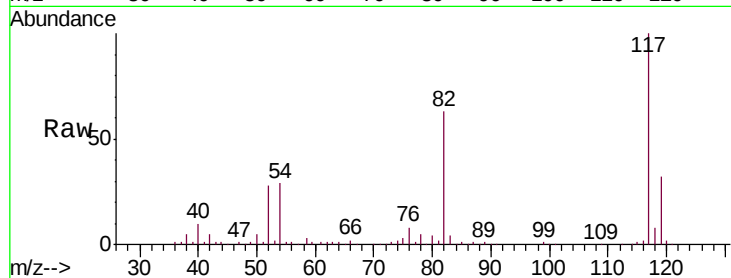




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN057535.D
 Acq: 27 Aug 2019 1:53

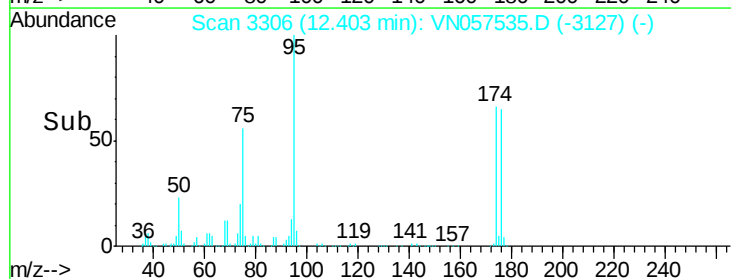
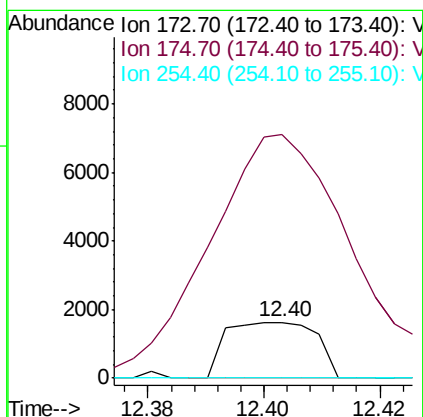
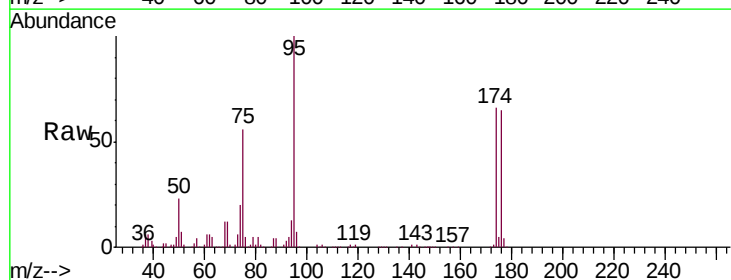
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K4-(1.9)

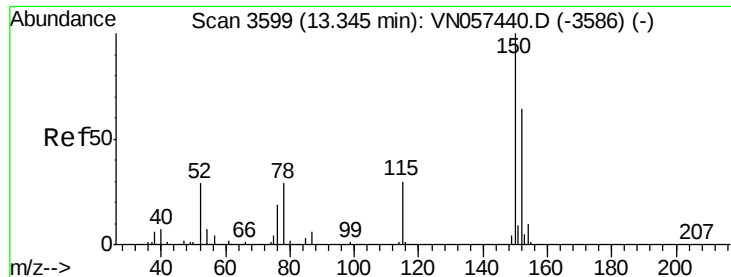
Tgt Ion:117 Resp: 547241
 Ion Ratio Lower Upper
 117 100
 82 63.4 50.6 75.8
 119 32.2 24.6 36.8



#71
 Bromoform
 Concen: 0.611 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.28 min
 Lab File: VN057535.D
 Acq: 27 Aug 2019 1:53

Tgt Ion:173 Resp: 1752
 Ion Ratio Lower Upper
 173 100
 175 580.8 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: VN057535.D

Acq: 27 Aug 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K4-(1.9)

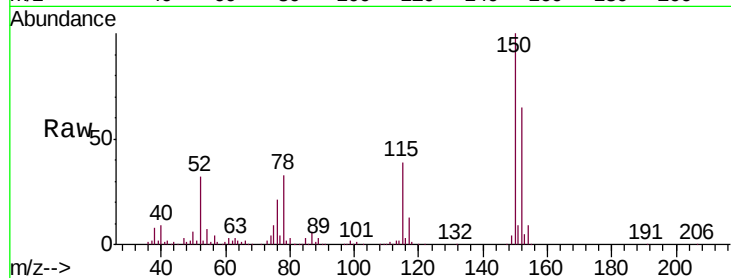
Tgt Ion:152 Resp: 128177

Ion Ratio Lower Upper

152 100

115 61.5 32.0 96.0

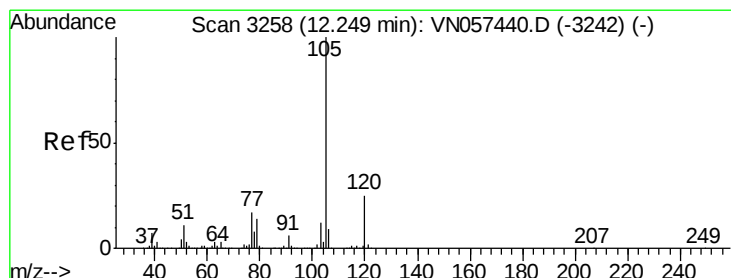
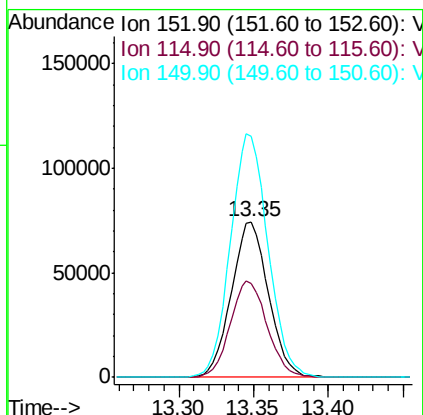
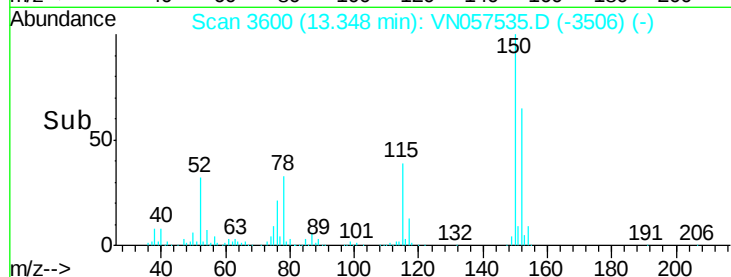
150 158.3 0.0 346.6



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# 3306

Delta R.T. 0.16 min

Lab File: VN057535.D

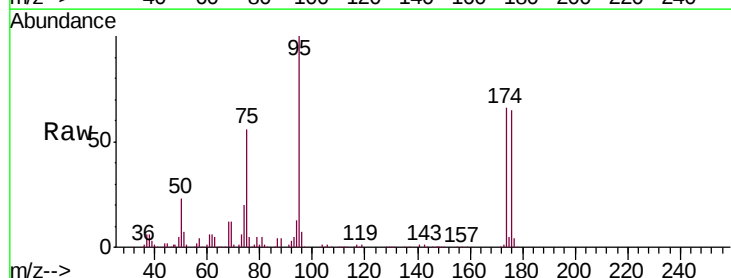
Acq: 27 Aug 2019 1:53

Tgt Ion:105 Resp: 322

Ion Ratio Lower Upper

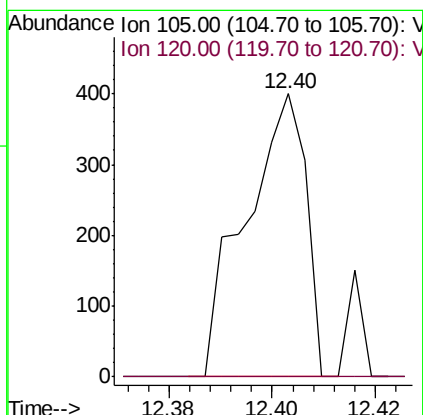
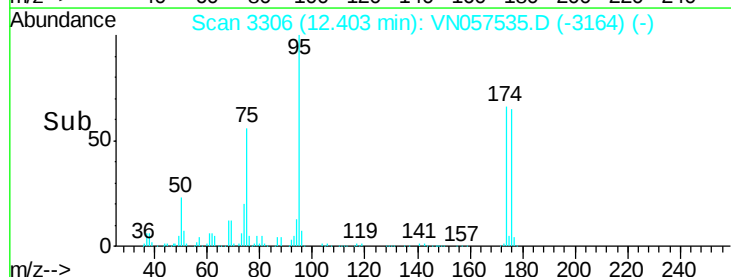
105 100

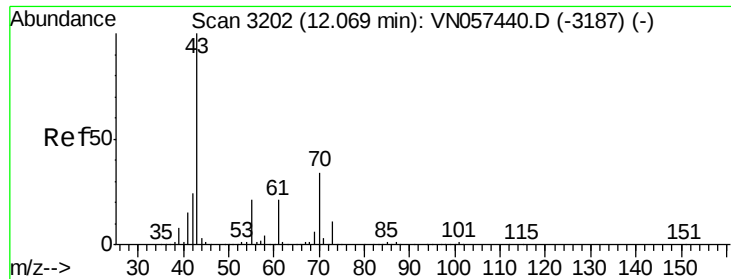
120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: Below Cal

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K4-(1.9)

Tgt Ion: 43 Resp: 1818

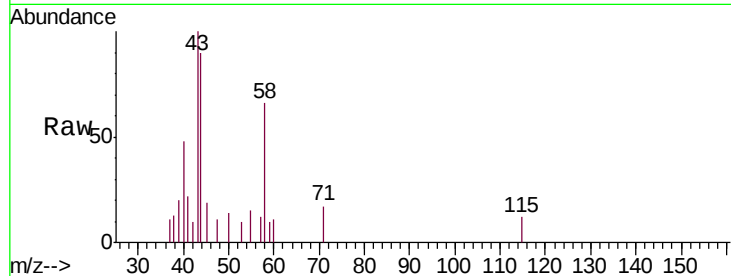
Ion Ratio Lower Upper

43 100

70 11.1 27.8 41.6#

55 37.6 17.0 25.4#

61 0.0 17.0 25.6#

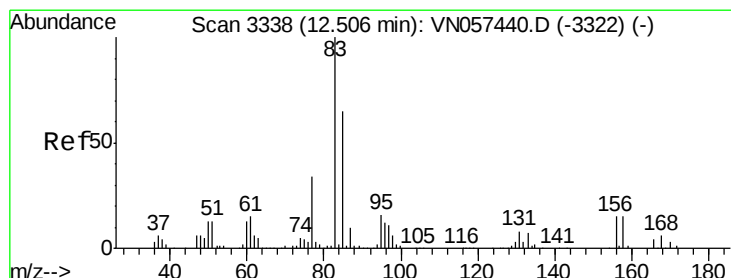
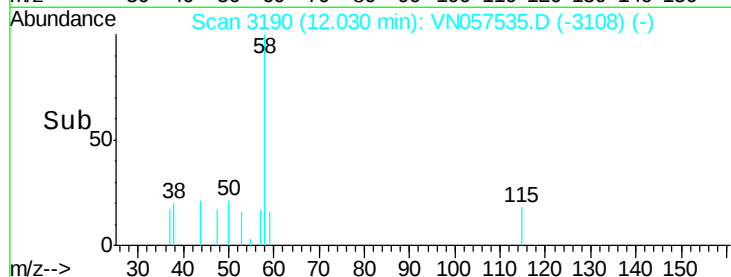
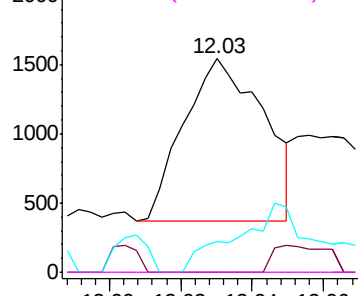


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.02 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

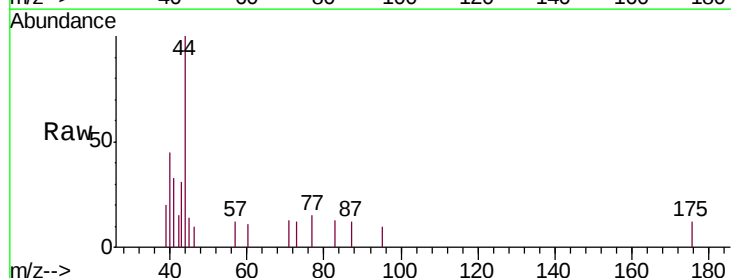
Tgt Ion: 83 Resp: 77

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

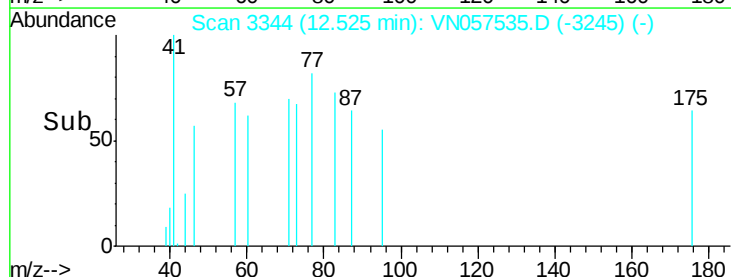
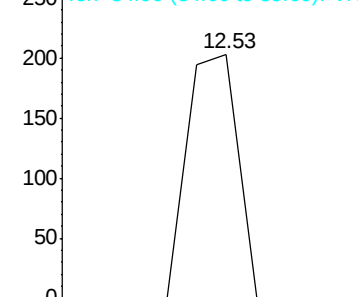
85 0.0 32.3 96.8#

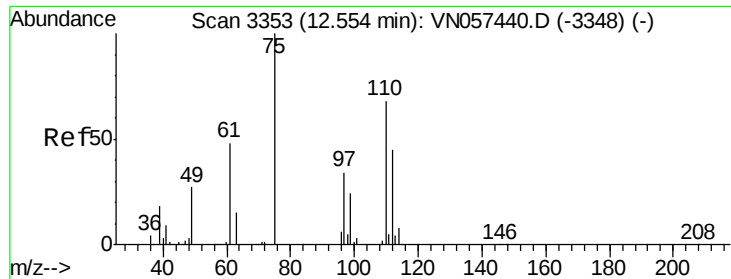


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 45.715 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

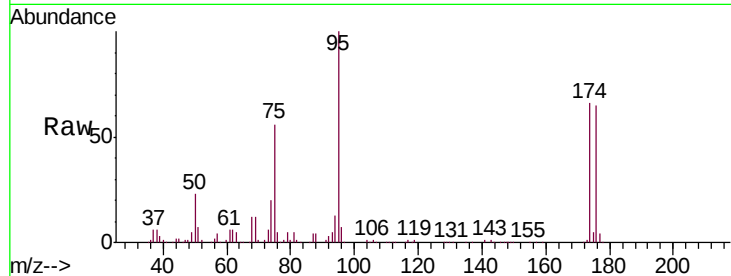
T9-12-13-K4-(1.9)

Tgt Ion: 75 Resp: 130607

Ion Ratio Lower Upper

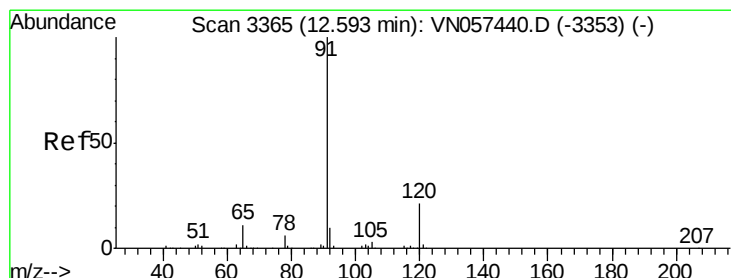
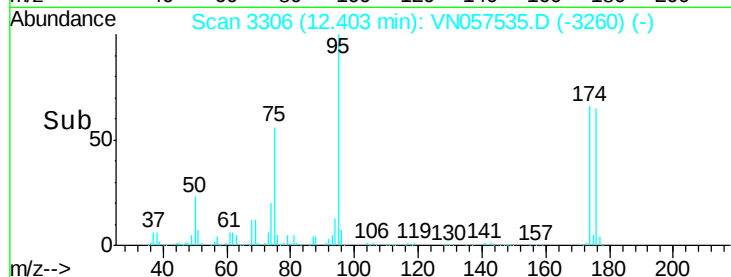
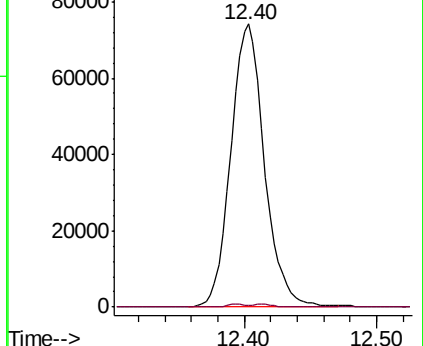
75 100

77 0.6 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: 12.41 min Scan# 3308

Delta R.T. -0.18 min

Lab File: VN057535.D

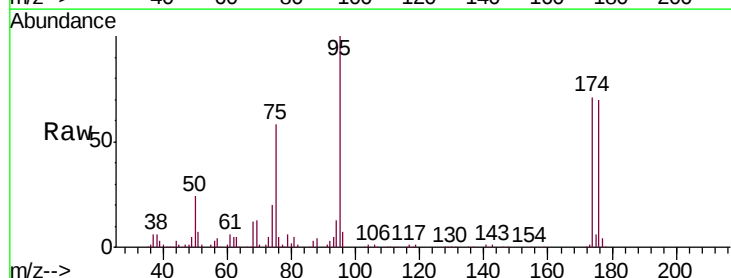
Acq: 27 Aug 2019 1:53

Tgt Ion: 91 Resp: 1073

Ion Ratio Lower Upper

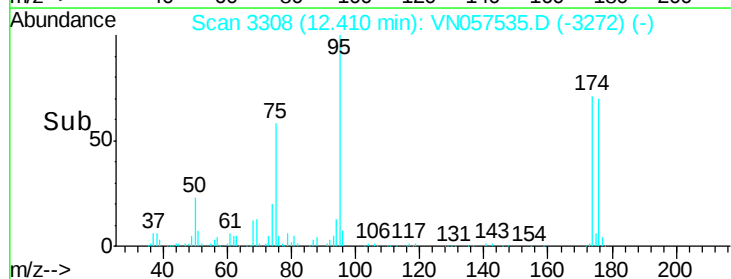
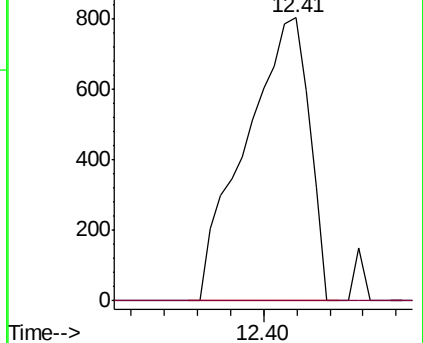
91 100

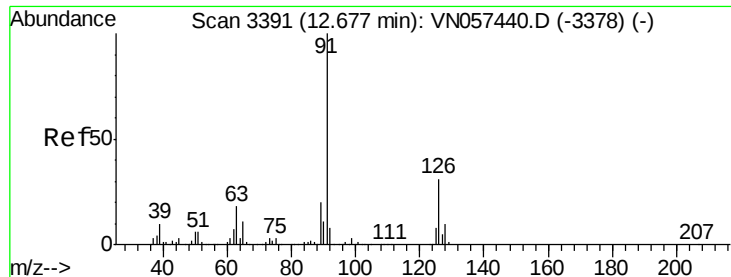
120 0.0 10.7 32.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

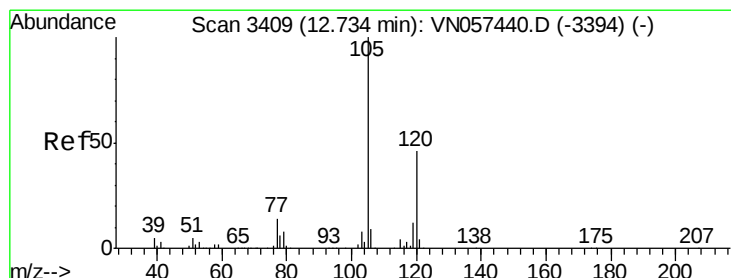
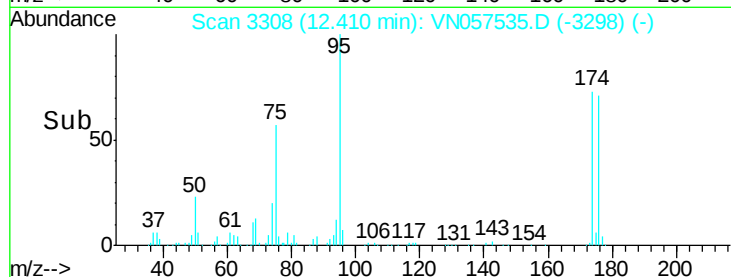
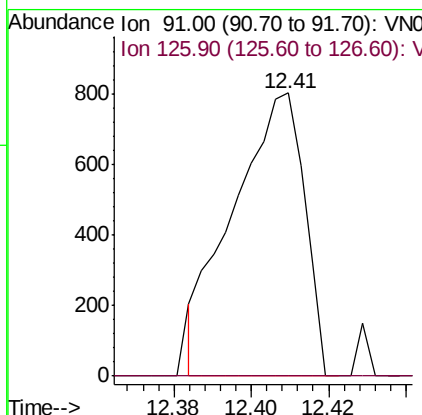
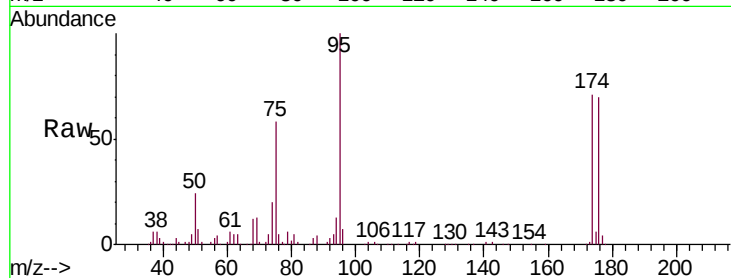




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.41 min Scan# 3308
 Delta R.T. -0.27 min
 Lab File: VN057535.D
 Acq: 27 Aug 2019 1:53

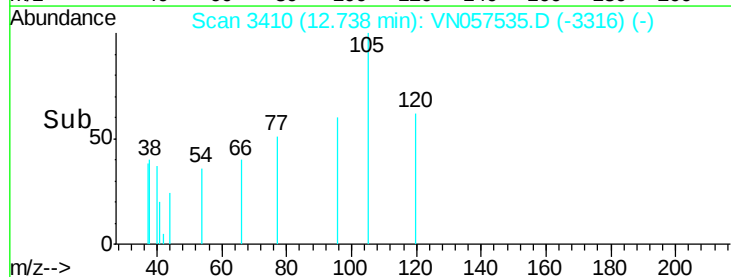
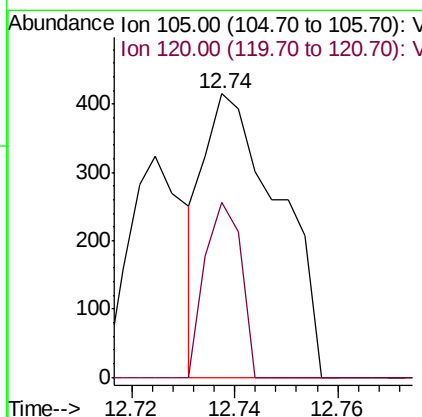
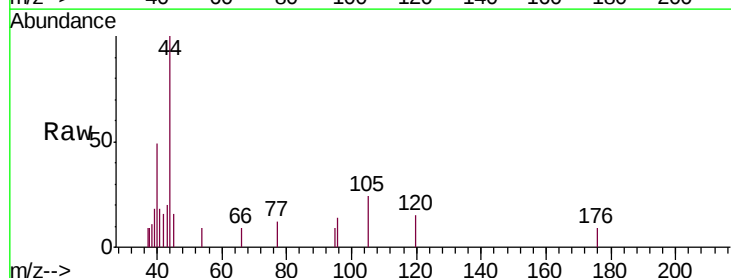
Instrument :
 MSVOA_N
 ClientSampled :
 T9-12-13-K4-(1.9)

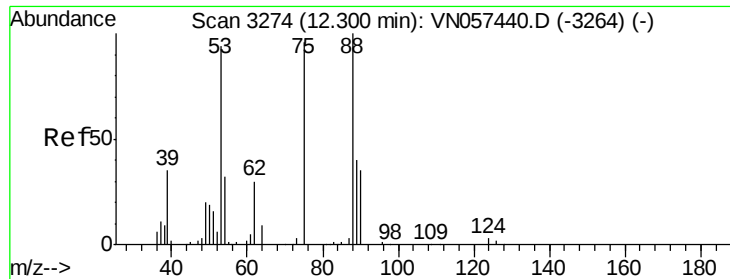
Tgt Ion: 91 Resp: 1033
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.3 45.8#



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN057535.D
 Acq: 27 Aug 2019 1:53

Tgt Ion: 105 Resp: 417
 Ion Ratio Lower Upper
 105 100
 120 30.0 23.3 69.8





#81

trans-1,4-Dichloro-2-butene

Concen: 117.079 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K4-(1.9)

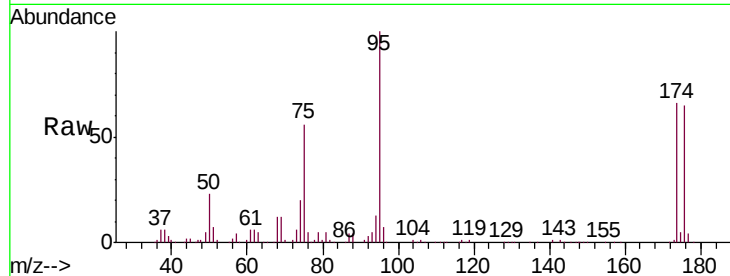
Tgt Ion: 75 Resp: 130607

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

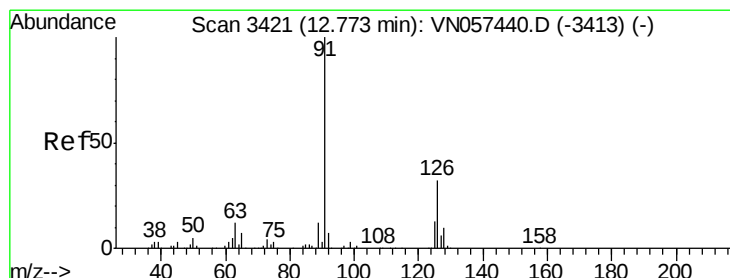
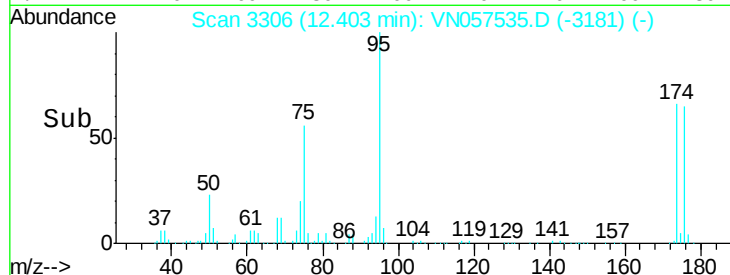
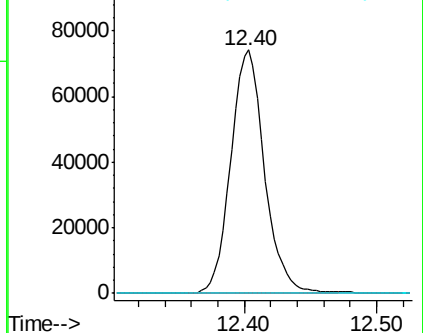
89 0.0 35.8 53.8#



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: 13.01 min Scan# 3494

Delta R.T. 0.23 min

Lab File: VN057535.D

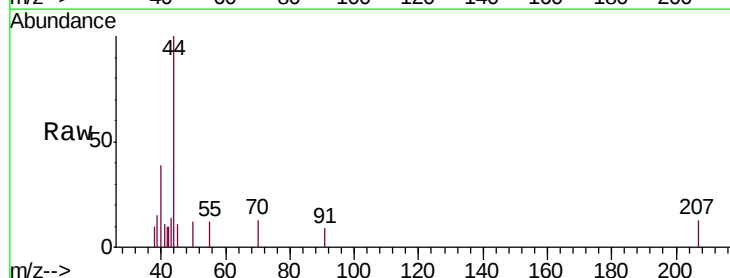
Acq: 27 Aug 2019 1:53

Tgt Ion: 91 Resp: 31

Ion Ratio Lower Upper

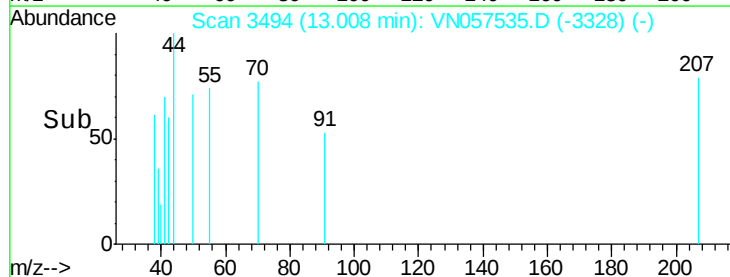
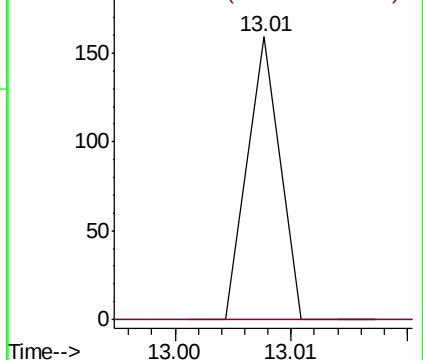
91 100

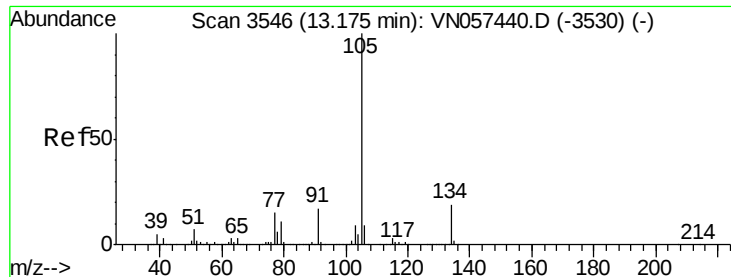
126 0.0 15.0 45.0#



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: 13.08 min Scan# 3517

Delta R.T. -0.09 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

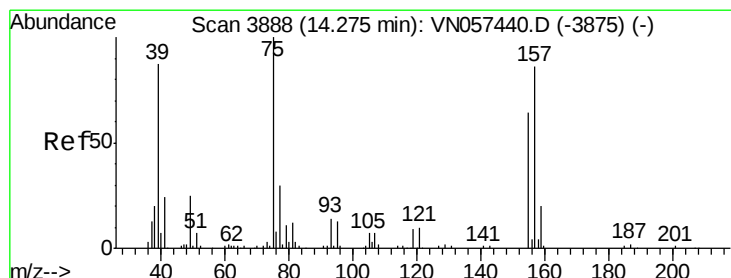
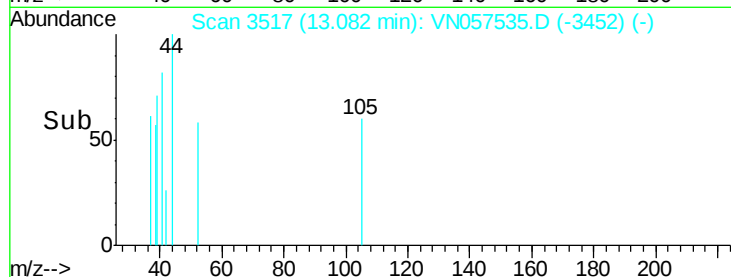
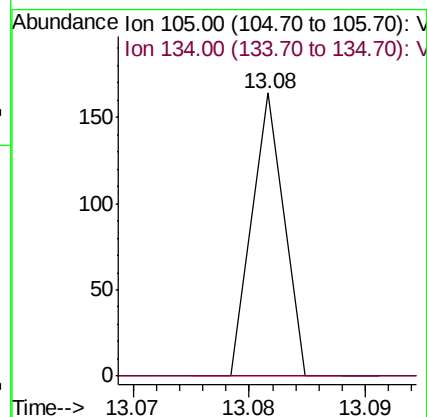
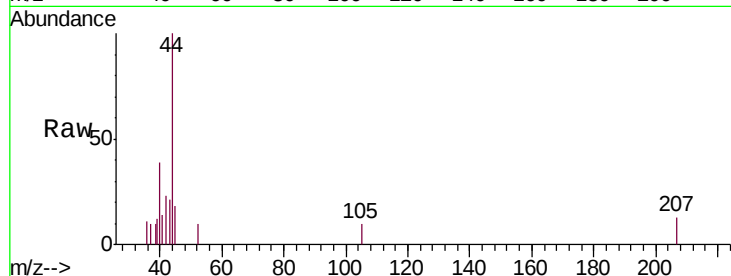
T9-12-13-K4-(1.9)

Tgt Ion: 105 Resp: 32

Ion Ratio Lower Upper

105 100

134 0.0 9.3 27.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.12 min Scan# 3840

Delta R.T. -0.15 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

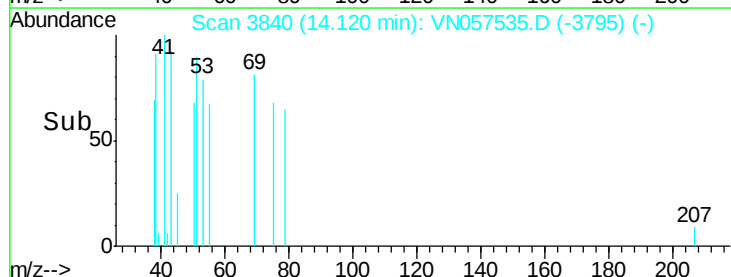
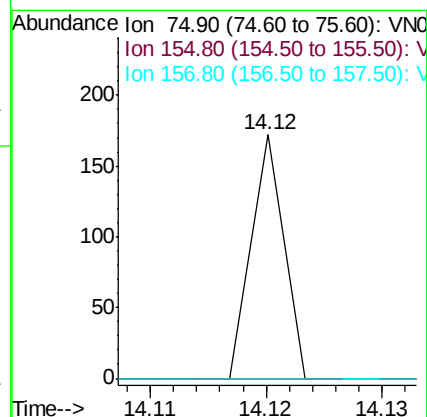
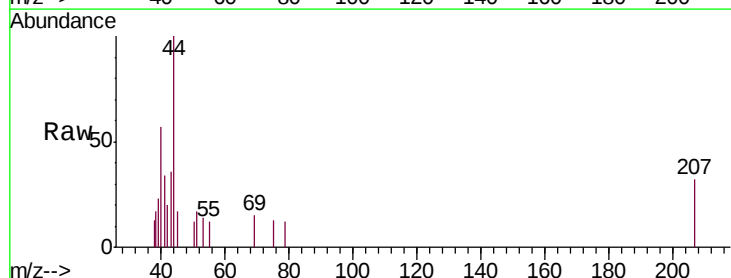
Tgt Ion: 75 Resp: 33

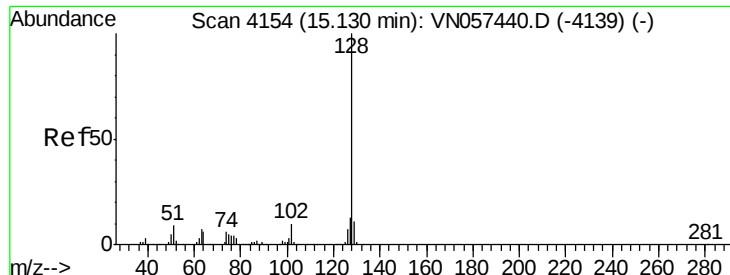
Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

157 0.0 43.3 129.8#





#95

Naphthalene

Concen: 4.410 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K4-(1.9)

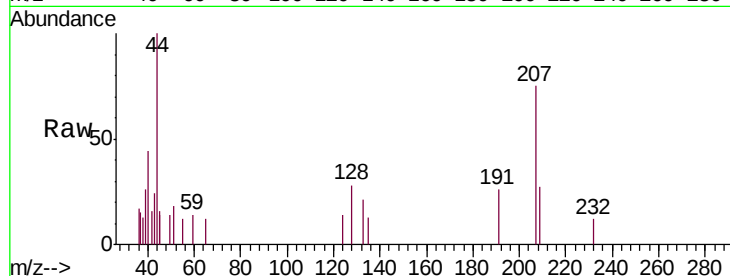
Tgt Ion:128 Resp: 396

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

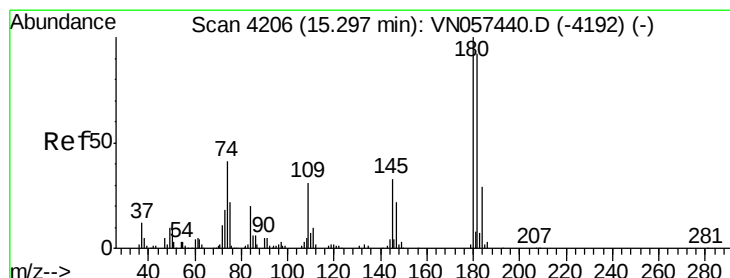
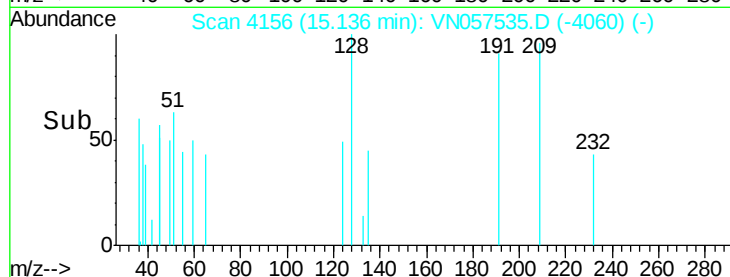
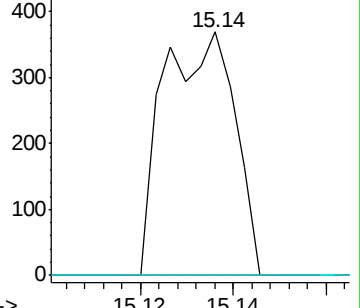
129 0.0 8.6 13.0#



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: 5.133 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. 0.01 min

Lab File: VN057535.D

Acq: 27 Aug 2019 1:53

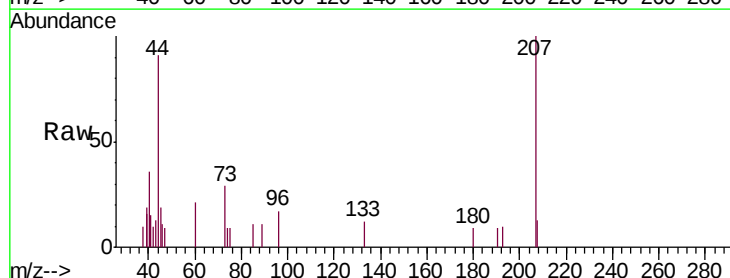
Tgt Ion:180 Resp: 31

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

