

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061433.D
 Acq On : 18 May 2020 14:40
 Operator : JC/MD
 Sample : VN0518WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 18 18:05:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

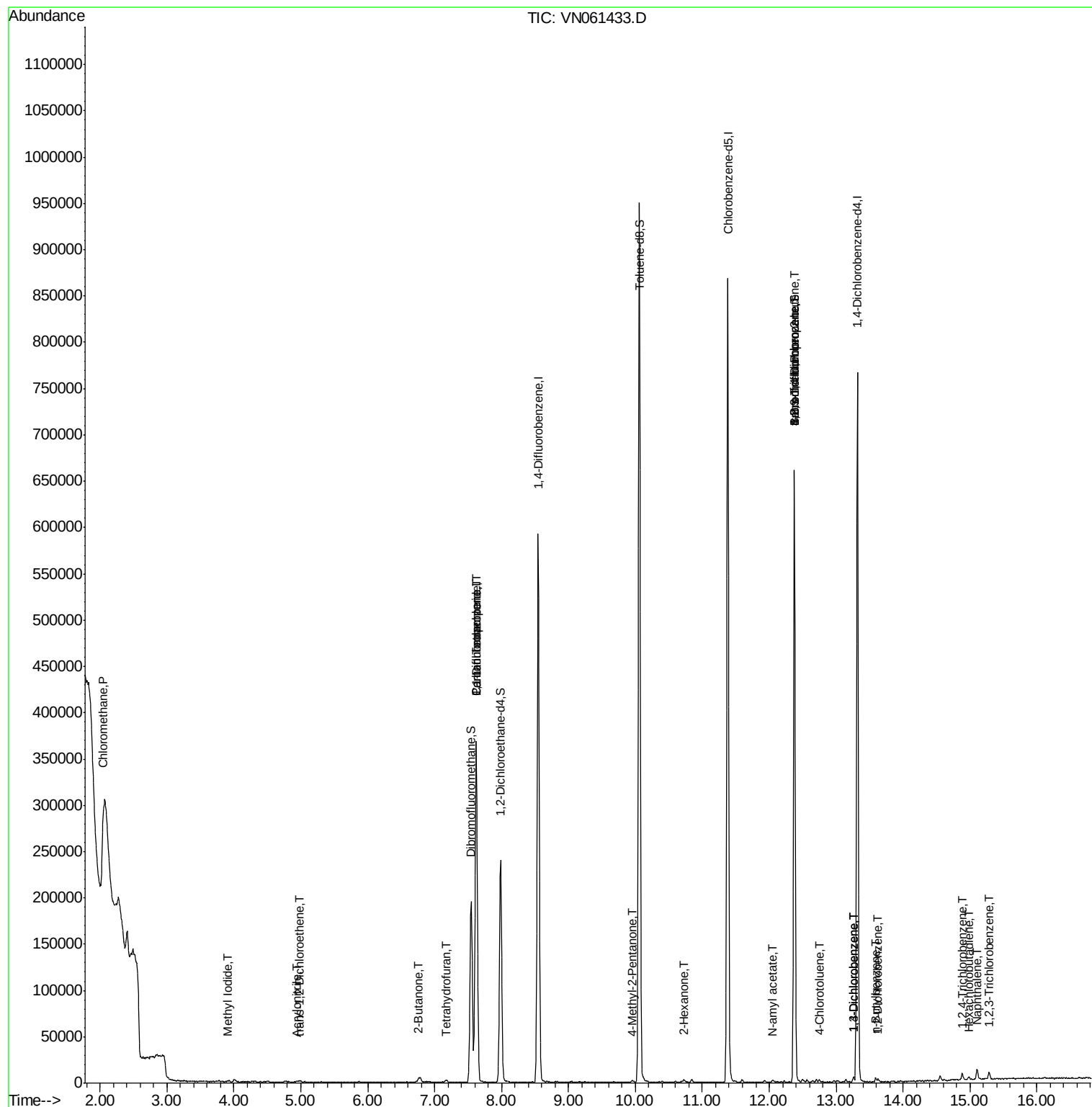
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	281143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	527099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	497599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	207826	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
35) Dibromofluoromethane	7.54	113	151624	54.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.82%	
50) Toluene-d8	10.06	98	658971	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.37	95	238137	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	2291	0.601	ug/l	90
5) Bromomethane	2.55	94	1804	Below Cal	#	55
10) Methyl Iodide	3.91	142	1170	0.350	ug/l #	63
13) Acrolein	3.57	56	191	Below Cal		95
15) Acrylonitrile	4.93	53	397	0.277	ug/l #	18
16) Acetone	3.79	43	1367	Below Cal	#	83
17) Carbon Disulfide	4.00	76	3741	Below Cal		97
18) Methyl Acetate	4.28	43	795	Below Cal	#	49
21) trans-1,2-Dichloroethene	4.98	96	759	0.228	ug/l #	58
25) 2-Butanone	6.77	43	426	0.223	ug/l #	46
29) Tetrahydrofuran	7.16	42	1602	1.266	ug/l #	54
31) Cyclohexane	7.63	56	7620	Below Cal	#	13
36) 1,1-Dichloropropene	7.62	75	25257	5.125	ug/l #	50
38) Carbon Tetrachloride	7.62	117	30159	6.645	ug/l #	16
49) 1,4-Dioxane	9.17	88	60	Below Cal	#	1
51) 4-Methyl-2-Pentanone	9.96	43	1521	0.358	ug/l #	79
59) 2-Hexanone	10.72	43	2528	0.823	ug/l	78
71) Bromoform	12.37	173	1574	2.554	ug/l #	1
74) N-amyl acetate	12.05	43	1565	0.274	ug/l #	81
76) 1,2,3-Trichloropropane	12.37	75	126176	30.271	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	126176	80.302	ug/l #	12
82) 4-Chlorotoluene	12.75	91	2408	0.221	ug/l	84
87) 1,3-Dichlorobenzene	13.26	146	1605	0.259	ug/l	89
88) 1,4-Dichlorobenzene	13.26	146	1605	0.259	ug/l	90
89) n-Butylbenzene	13.59	91	2632	0.221	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	1509	0.254	ug/l	92
93) 1,2,4-Trichlorobenzene	14.88	180	2141	0.665	ug/l	96
94) Hexachlorobutadiene	14.98	225	354	0.247	ug/l #	28
95) Naphthalene	15.10	128	10483	1.024	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.29	180	2690	0.839	ug/l	87

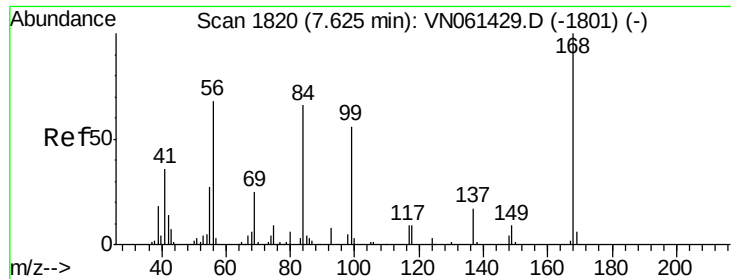
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051820\
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Acq On : 18 May 2020 14:40
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Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

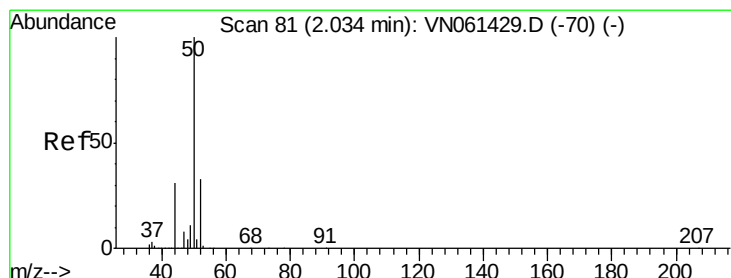
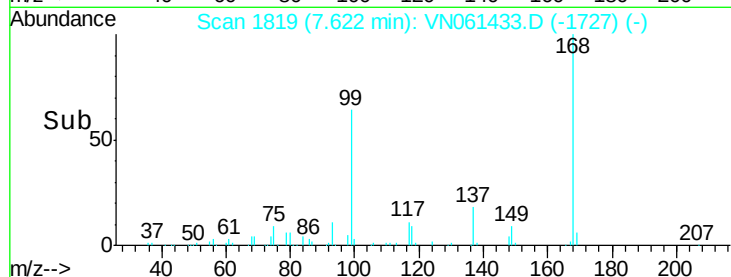
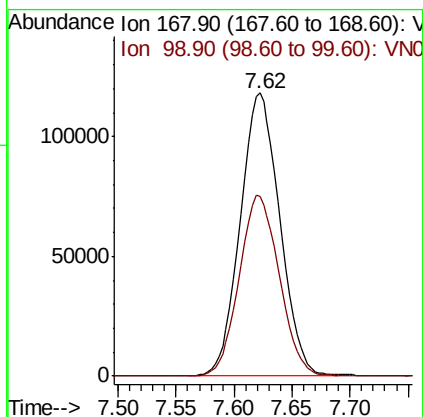
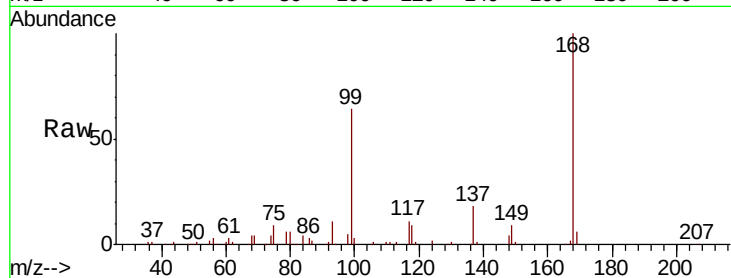




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VN061433.D
Acq: 18 May 2020 14:40

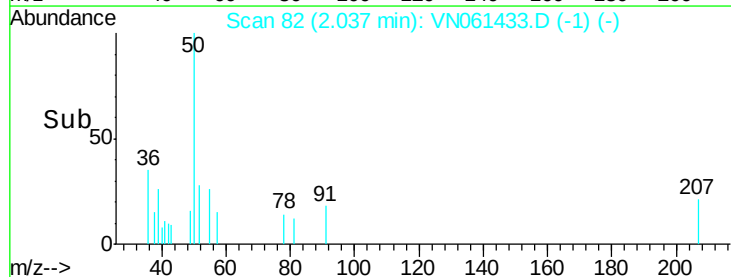
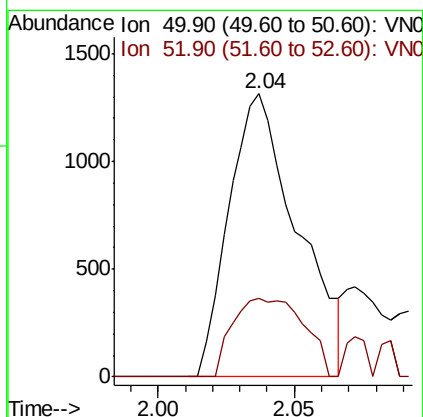
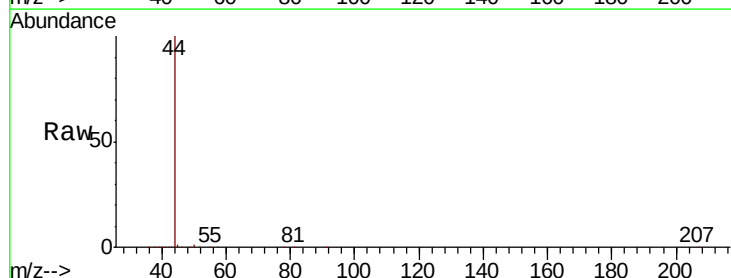
Instrument :
MSVOA_N
ClientSampleId :

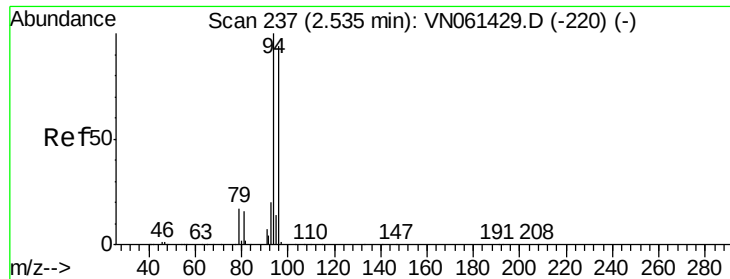
Tot Ion:168 Resp: 281143
Ion Ratio Lower Upper
168 100
99 63.5 51.1 76.7



#3
Chloromethane
Concen: 0.601 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN061433.D
Acq: 18 May 2020 14:40

Tgt Ion: 50 Resp: 2291
Ion Ratio Lower Upper
50 100
52 27.9 26.7 40.1





#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

Instrument :

MSVOA_N

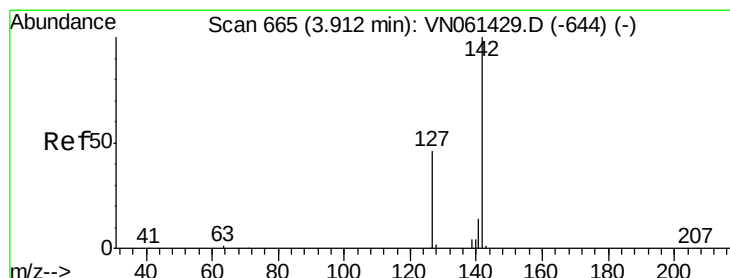
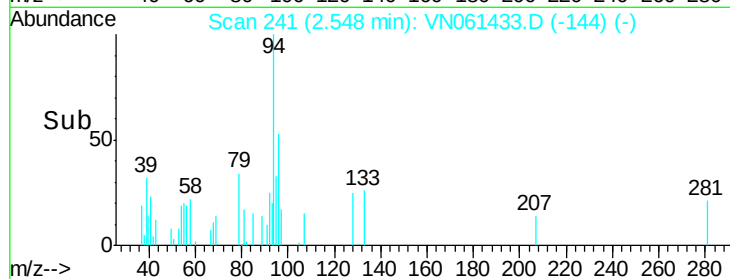
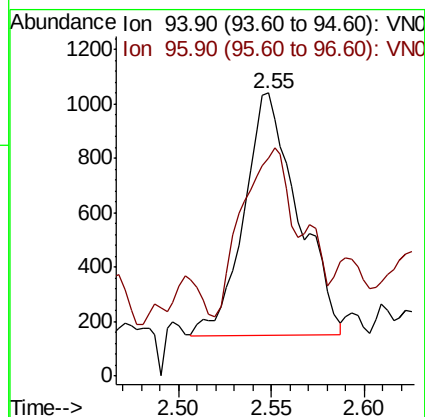
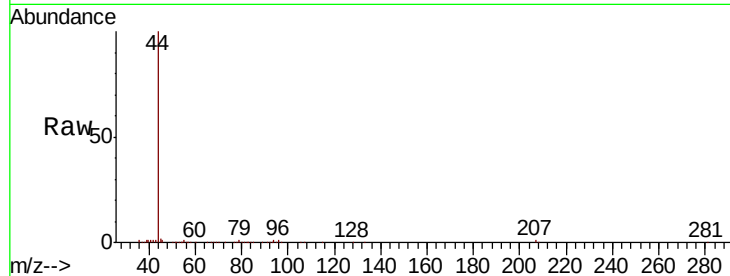
ClientSampled :

Tot Ion: 94 Resp: 1804

Ion Ratio Lower Upper

94 100

96 50.6 74.9 112.3#



#10

Methyl Iodide

Concen: 0.350 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

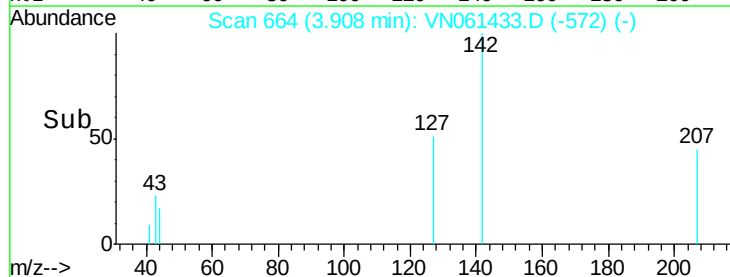
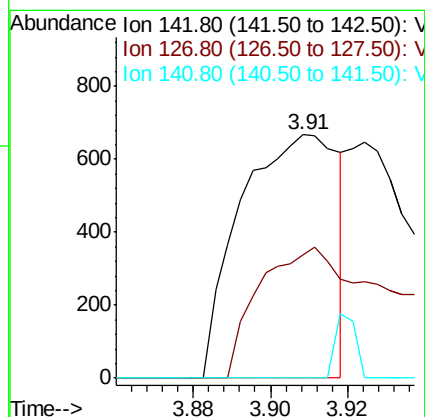
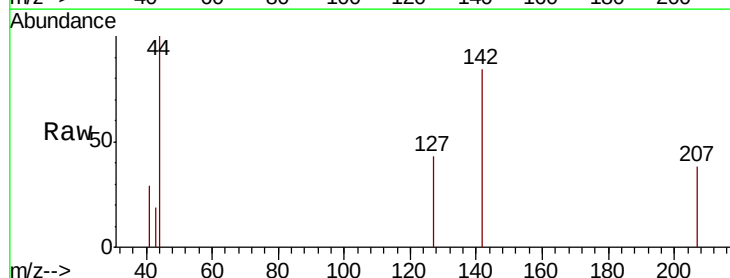
Tgt Ion: 142 Resp: 1170

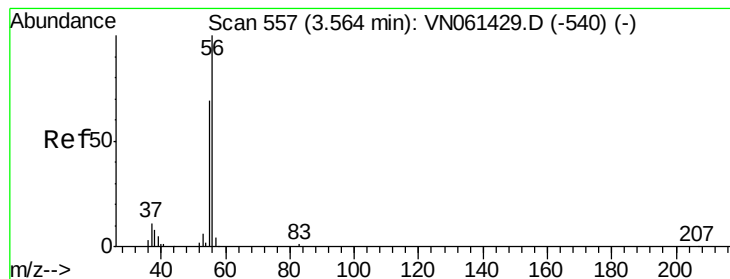
Ion Ratio Lower Upper

142 100

127 73.4 36.7 55.1#

141 5.5 11.5 17.3#





#13

Acrolein

Concen: Below Cal

RT: 3.57 min Scan# 559

Delta R.T. 0.01 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

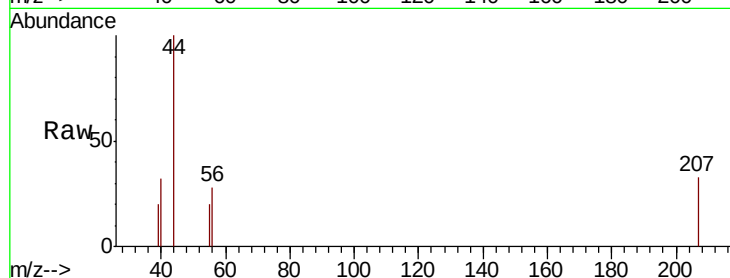
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 191

Ion Ratio Lower Upper

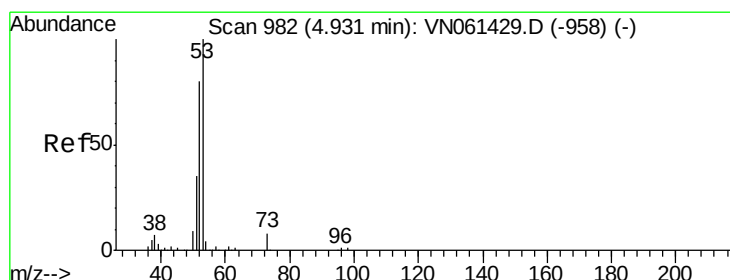
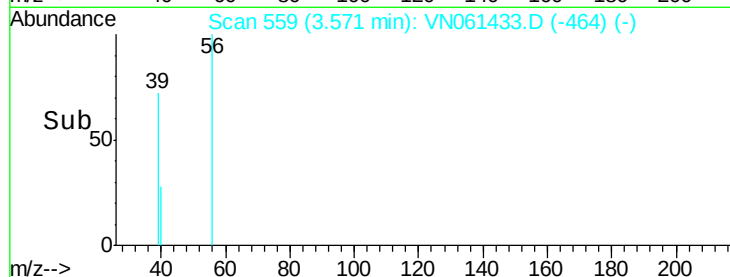
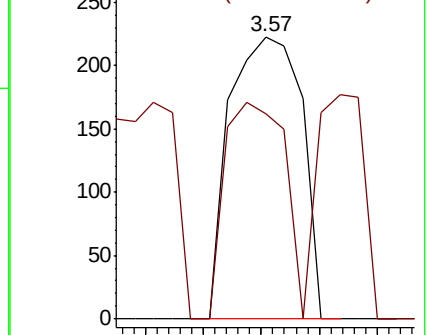
56 100

55 64.4 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#15

Acrylonitrile

Concen: 0.277 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

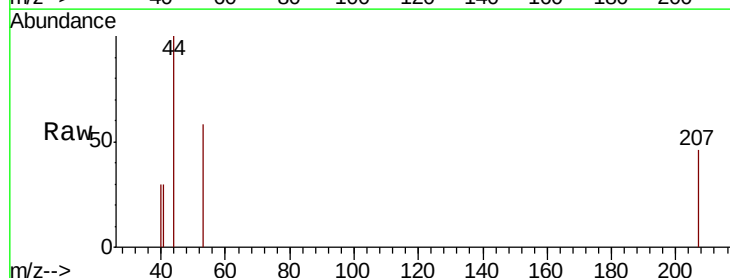
Tgt Ion: 53 Resp: 397

Ion Ratio Lower Upper

53 100

52 0.0 64.7 97.1#

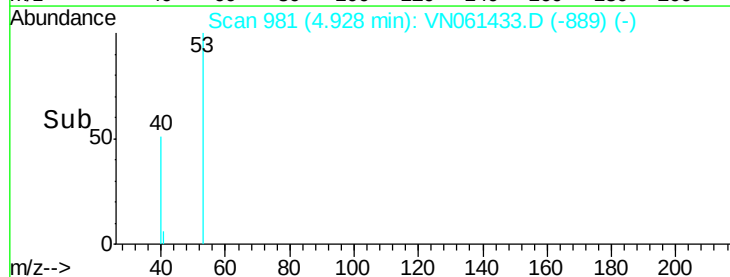
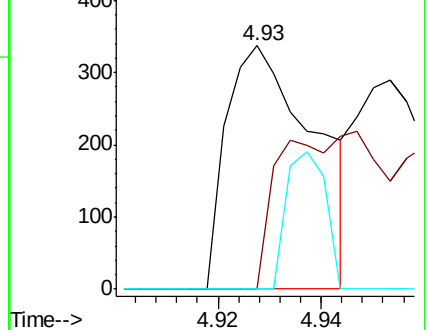
51 0.0 29.5 44.3#

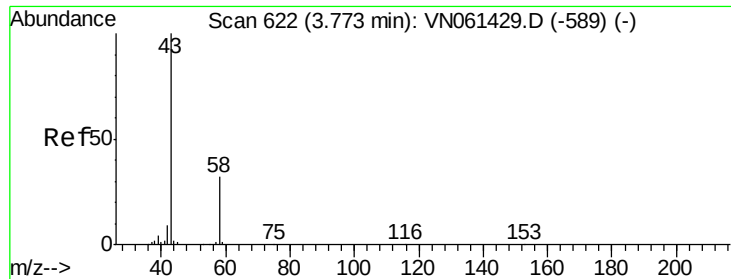


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

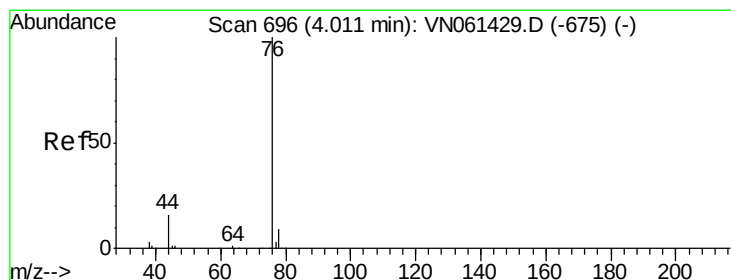
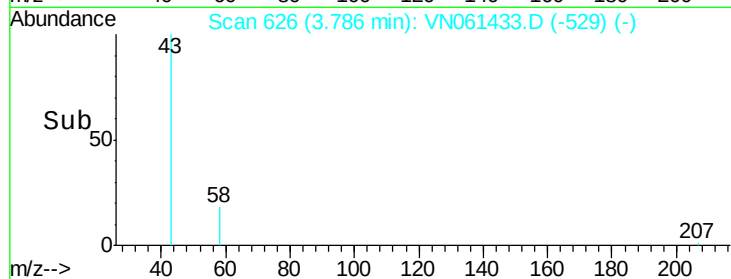
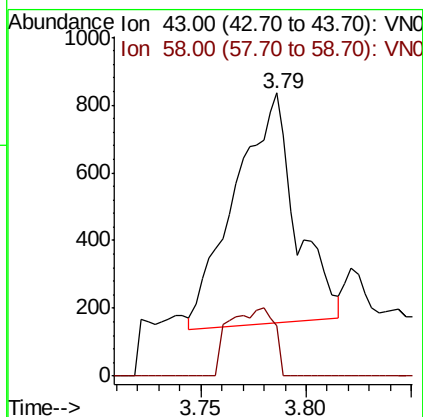
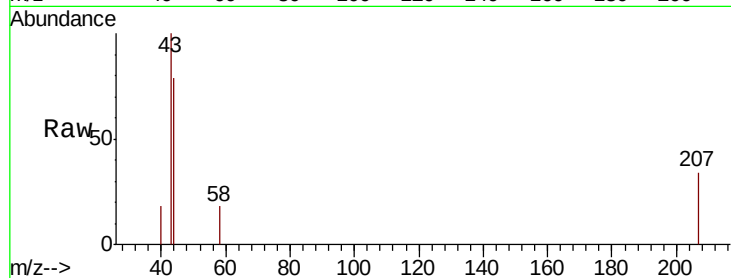




#16
Acetone
Concen: Below Cal
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN061433.D
Acq: 18 May 2020 14:40

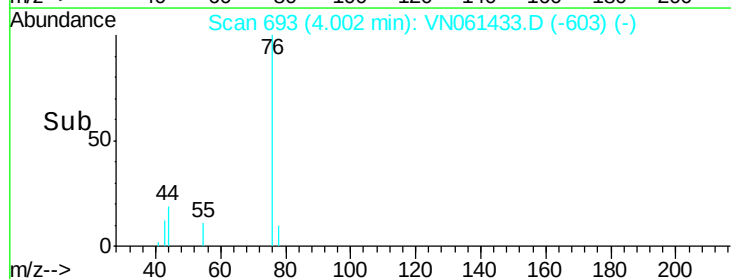
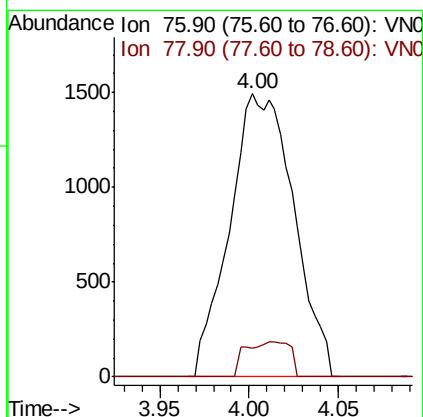
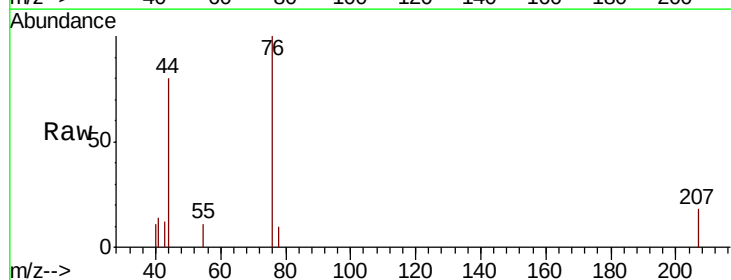
Instrument :
MSVOA_N
ClientSampled :

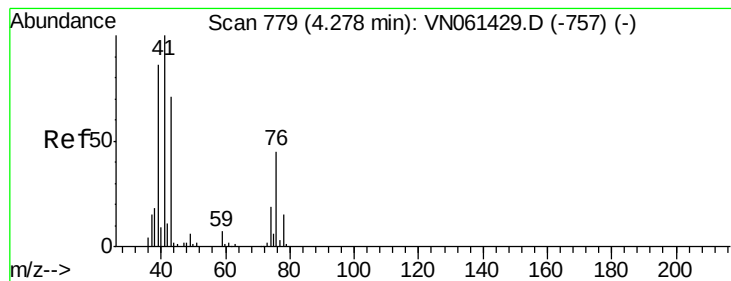
Tot Ion: 43 Resp: 1367
Ion Ratio Lower Upper
43 100
58 22.6 25.6 38.4#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.00 min Scan# 693
Delta R.T. -0.01 min
Lab File: VN061433.D
Acq: 18 May 2020 14:40

Tgt Ion: 76 Resp: 3741
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

Instrument :

MSVOA_N

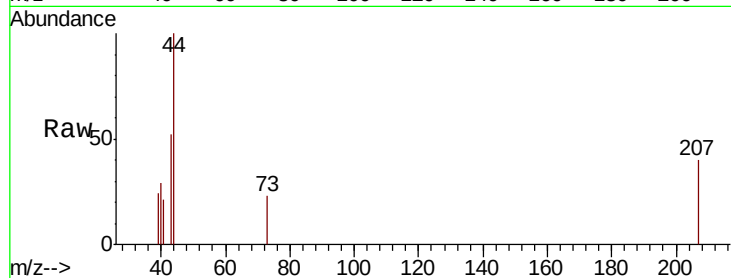
ClientSampled :

Tot Ion: 43 Resp: 795

Ion Ratio Lower Upper

43 100

74 0.0 20.8 31.2#



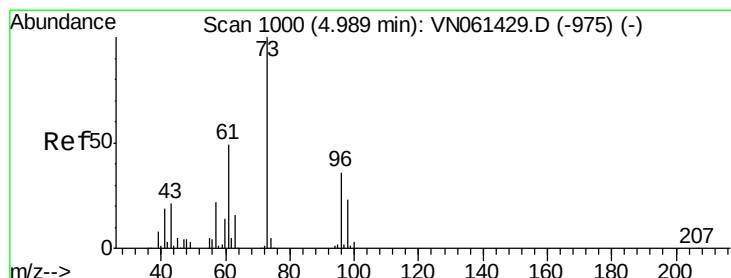
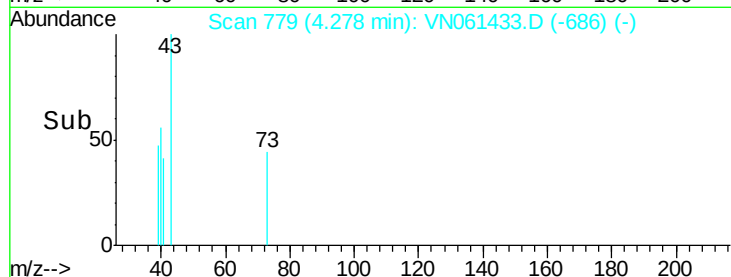
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

4.30

Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.228 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

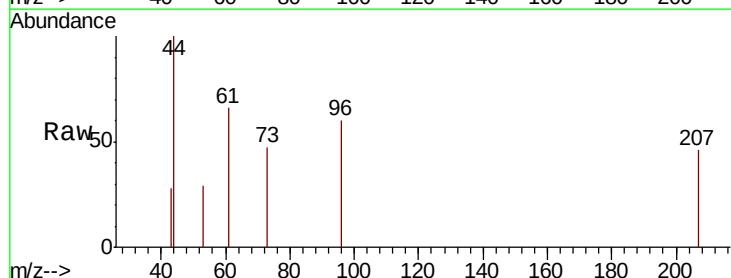
Tgt Ion: 96 Resp: 759

Ion Ratio Lower Upper

96 100

61 110.5 109.8 164.6

98 0.0 52.4 78.6#



Abundance Ion 95.90 (95.60 to 96.60): VN0

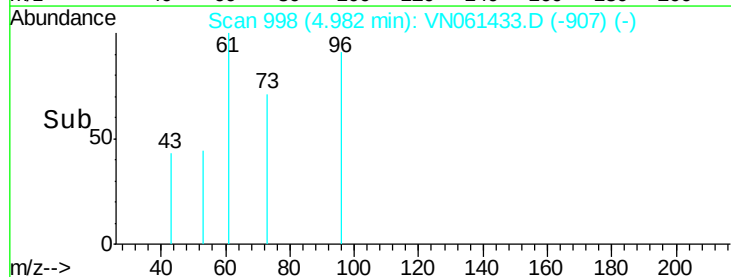
Ion 60.90 (60.60 to 61.60): VN0

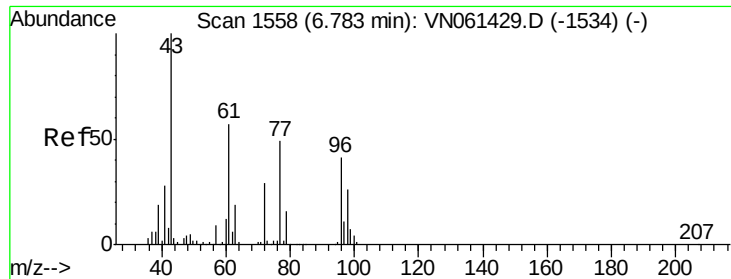
Ion 97.90 (97.60 to 98.60): VN0

4.98

5.00

Time-->





#25

2-Butanone

Concen: 0.223 ug/l

RT: 6.77 min Scan# 1553

Delta R.T. -0.02 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

Instrument :

MSVOA_N

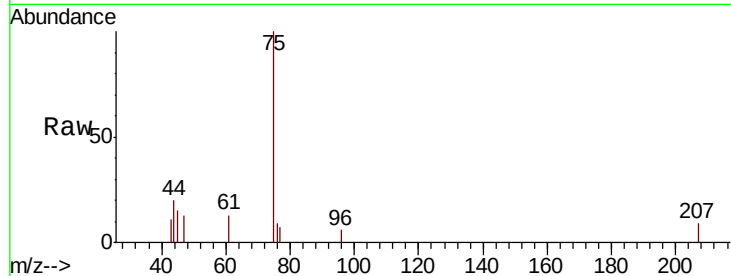
ClientSampleId :

Tot Ion: 43 Resp: 426

Ion Ratio Lower Upper

43 100

72 0.0 23.0 34.6#

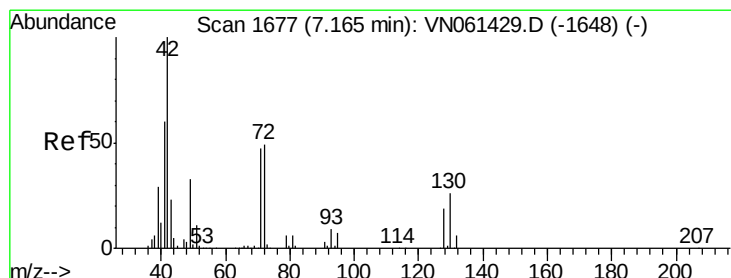
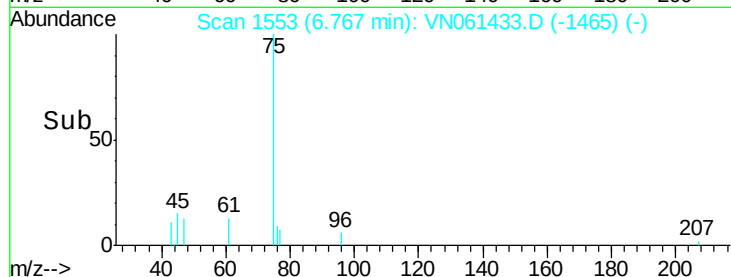


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.77

Time-->



#29

Tetrahydrofuran

Concen: 1.266 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

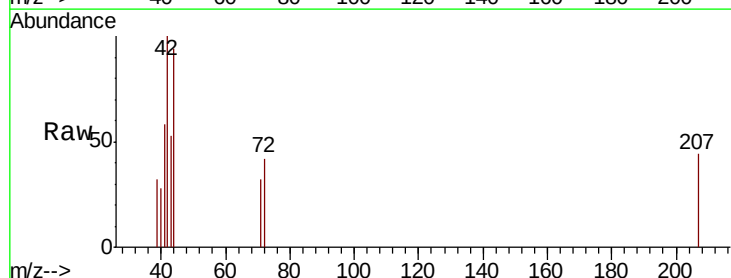
Tgt Ion: 42 Resp: 1602

Ion Ratio Lower Upper

42 100

72 22.2 39.0 58.6#

71 11.5 36.9 55.3#



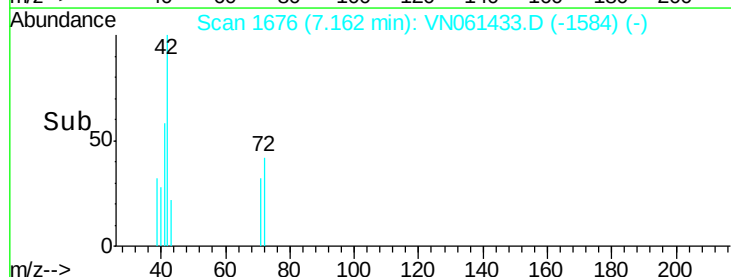
Abundance Ion 42.00 (41.70 to 42.70): VN0

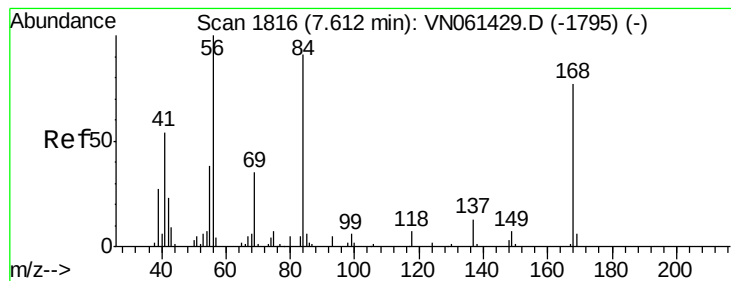
Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

7.16

Time-->





#31

Cyclohexane

Concen: Below Cal

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

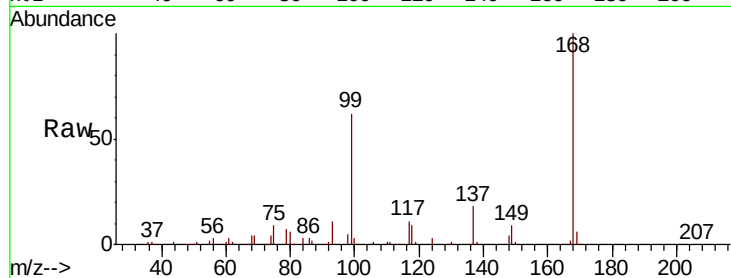
Tot Ion: 56 Resp: 7620

Ion Ratio Lower Upper

56 100

69 155.7 27.8 41.6#

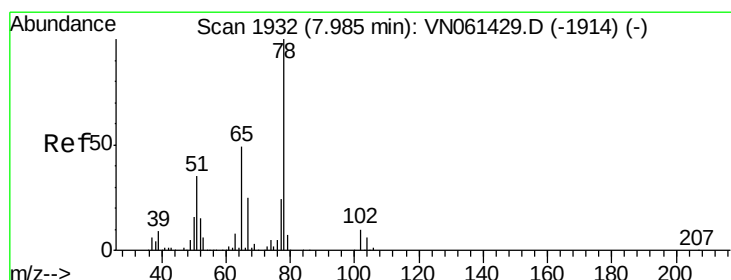
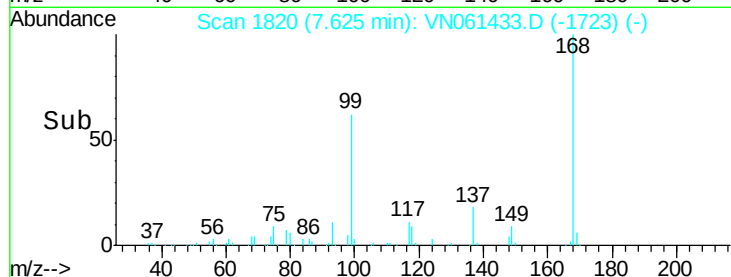
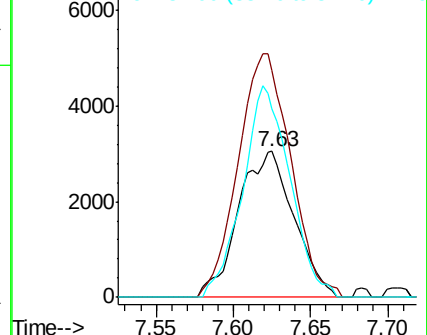
84 129.4 72.7 109.1#



Abundance Ion 56.00 (55.70 to 56.70): VN061429.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN061429.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN061429.D (-1795) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.530 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061433.D

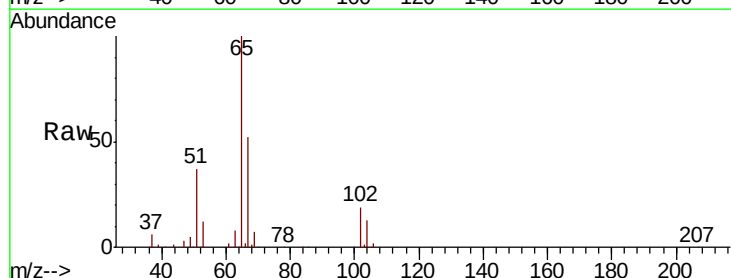
Acq: 18 May 2020 14:40

Tgt Ion: 65 Resp: 207826

Ion Ratio Lower Upper

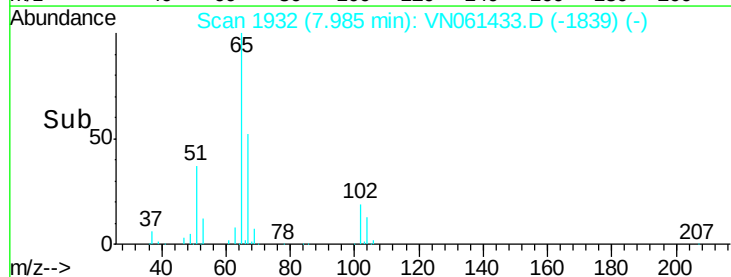
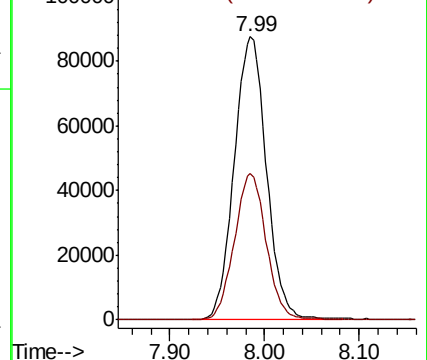
65 100

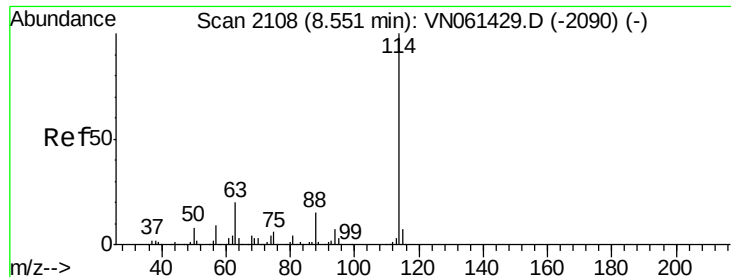
67 51.1 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN061429.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN061429.D (-1914) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

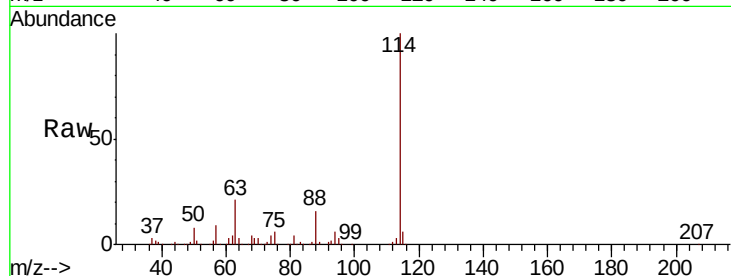
Tot Ion:114 Resp: 527099

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

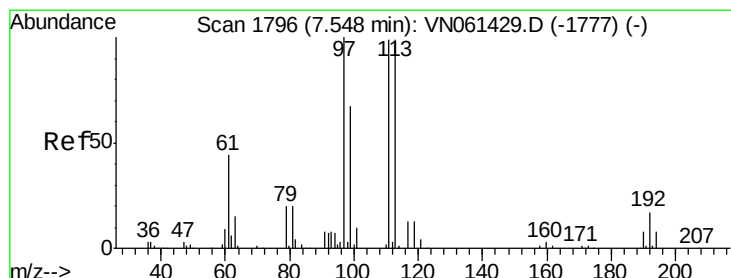
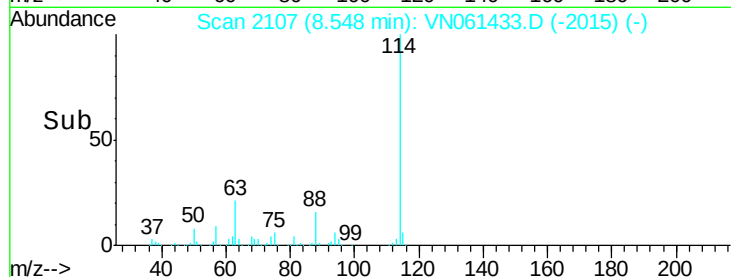
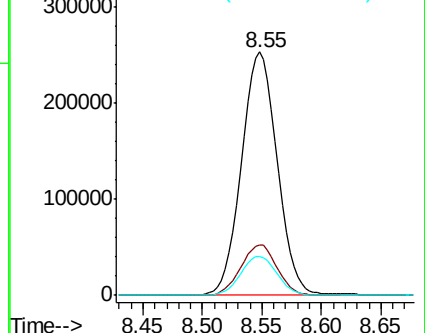
88 16.2 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 54.910 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

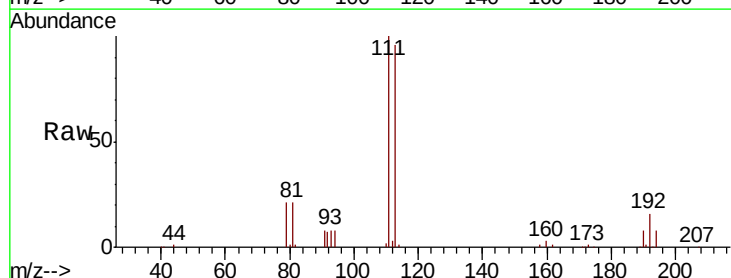
Tgt Ion:113 Resp: 151624

Ion Ratio Lower Upper

113 100

111 103.0 80.6 121.0

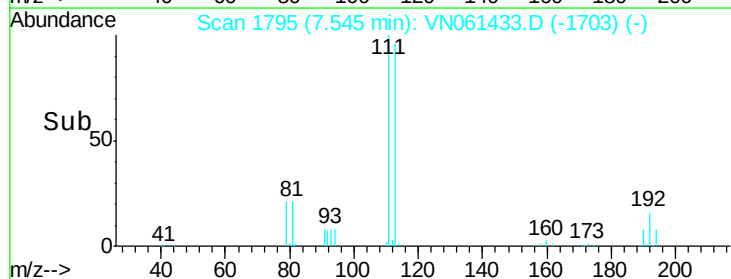
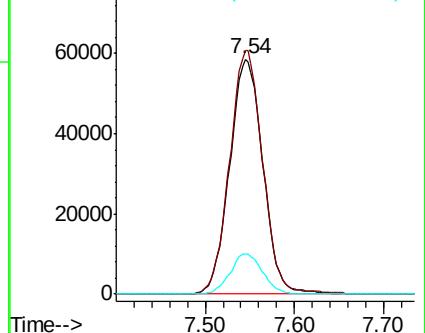
192 16.7 13.2 19.8

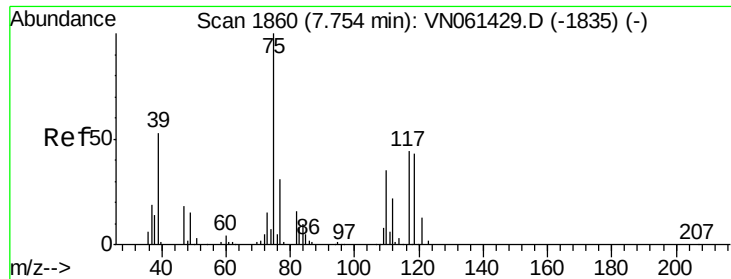


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

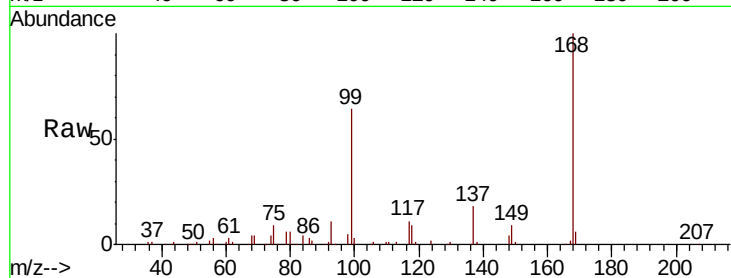




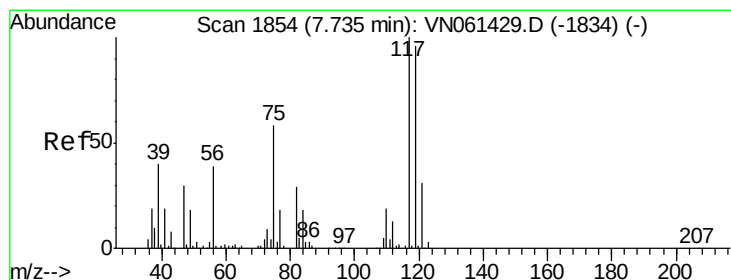
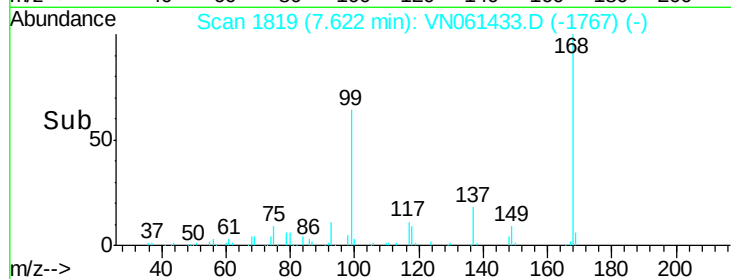
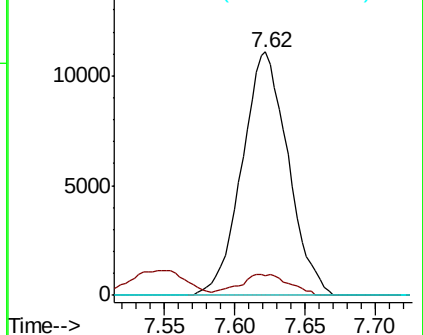
#36
 1,1-Dichloropropene
 Concen: 5.125 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061433.D
 Acq: 18 May 2020 14:40

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	75	Resp	25257
Ion Ratio	Lower	Upper	
75	100		
110	9.4	17.3	51.9#
77	0.0	24.9	37.3#

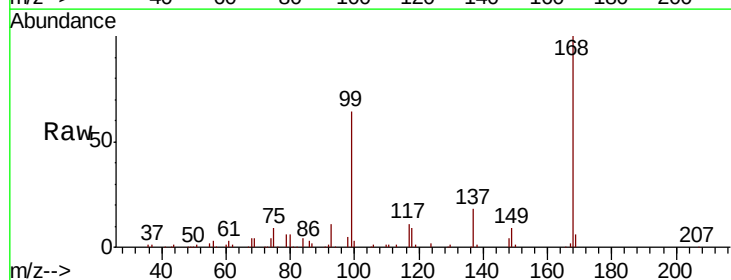


Abundance Ion 74.90 (74.60 to 75.60): VN061429.D (-1835) (-)
 Ion 109.90 (109.60 to 110.60): VN061429.D (-1835) (-)
 Ion 76.90 (76.60 to 77.60): VN061429.D (-1835) (-)

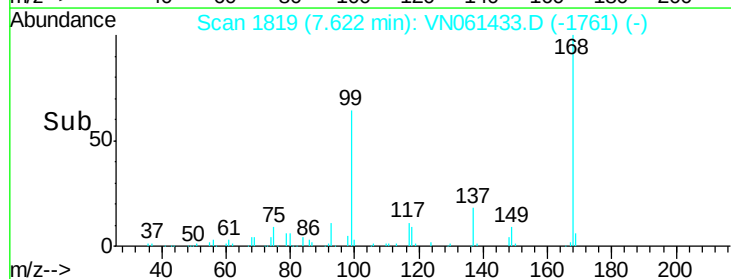
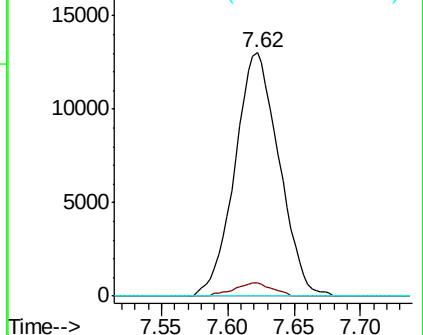


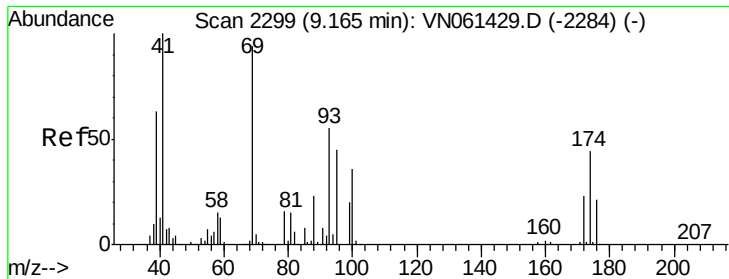
#38
 Carbon Tetrachloride
 Concen: 6.645 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.11 min
 Lab File: VN061433.D
 Acq: 18 May 2020 14:40

Tgt Ion	117	Resp	30159
Ion Ratio	Lower	Upper	
117	100		
119	5.3	77.0	115.6#
121	0.0	24.7	37.1#



Abundance Ion 116.80 (116.50 to 117.50): VN061429.D (-1834) (-)
 Ion 118.80 (118.50 to 119.50): VN061429.D (-1834) (-)
 Ion 120.80 (120.50 to 121.50): VN061429.D (-1834) (-)

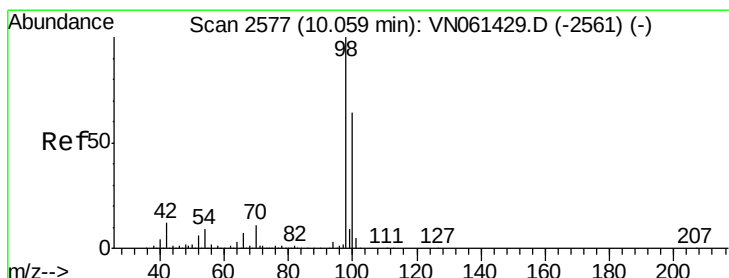
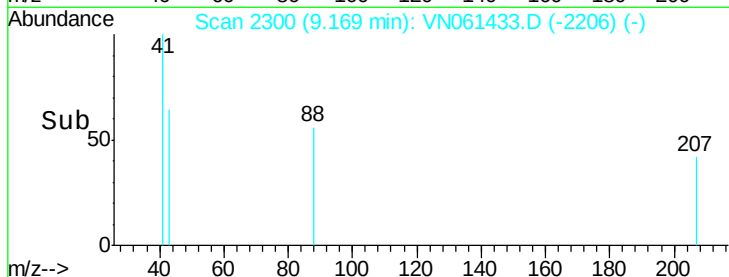
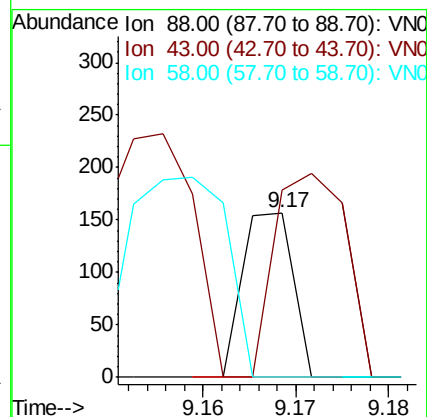
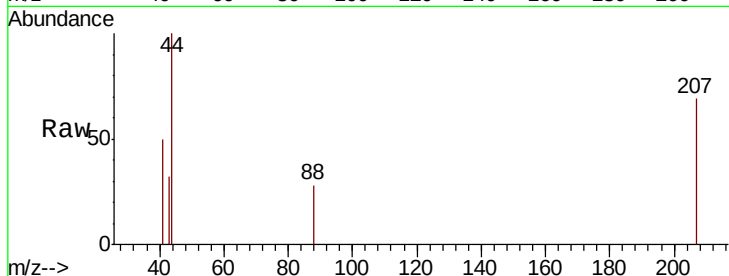




#49
1,4-Dioxane
Concen: Below Cal
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN061433.D
Acq: 18 May 2020 14:40

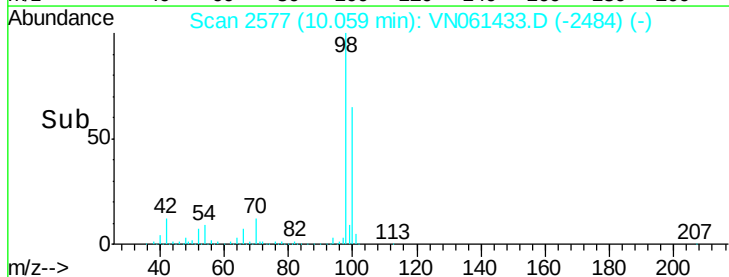
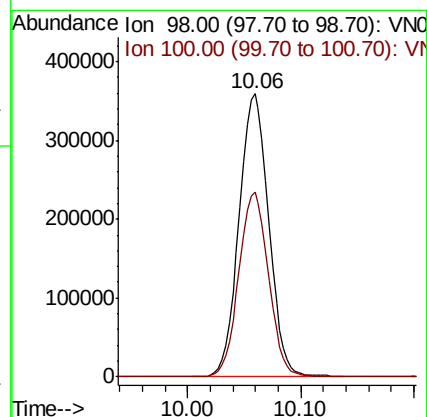
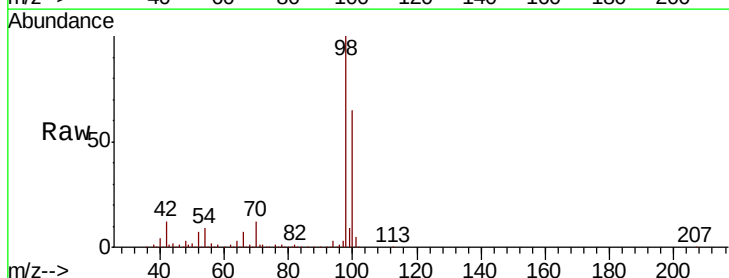
Instrument :
MSVOA_N
ClientSampled :

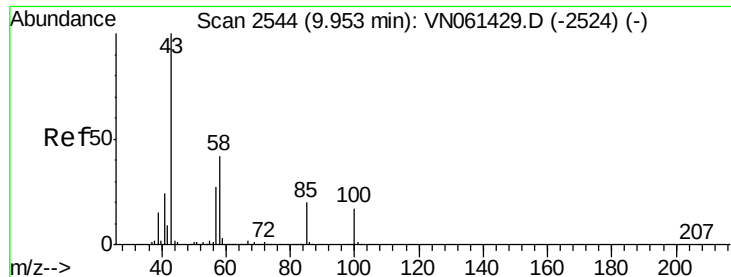
Tot Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 173.3 26.3 39.5#
58 0.0 54.1 81.1#



#50
Toluene-d8
Concen: 51.451 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061433.D
Acq: 18 May 2020 14:40

Tgt Ion: 98 Resp: 658971
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.8

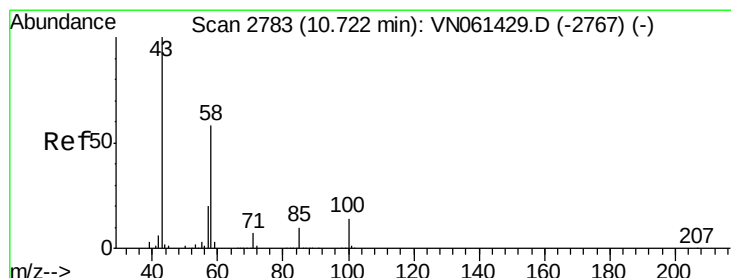
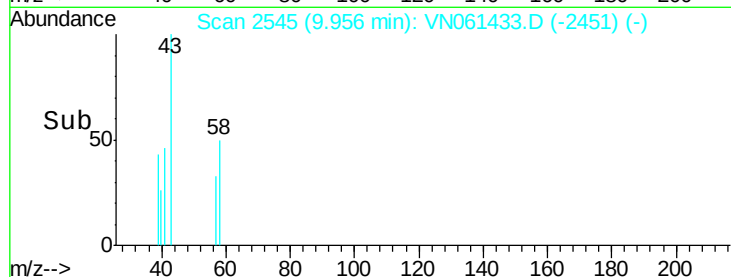
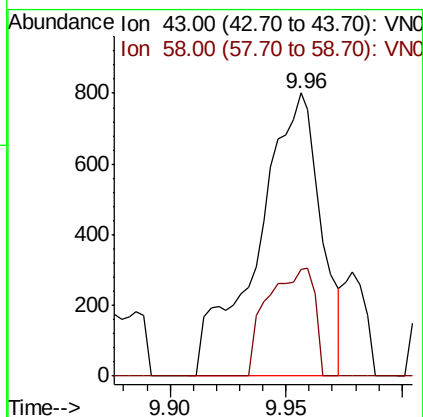
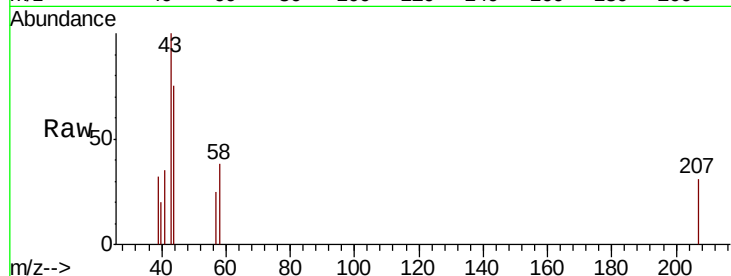




#51
 4-Methyl-2-Pentanone
 Concen: 0.358 ug/l
 RT: 9.96 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: VN061433.D
 Acq: 18 May 2020 14:40

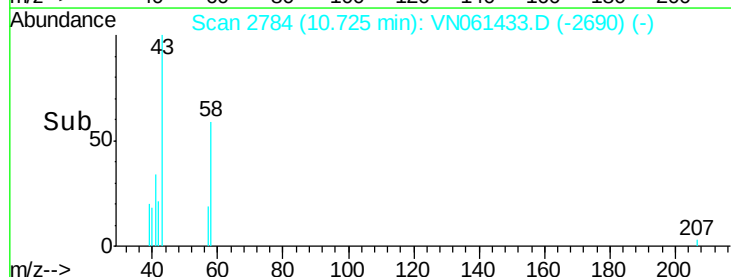
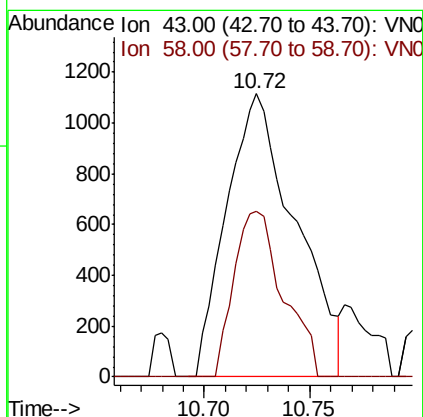
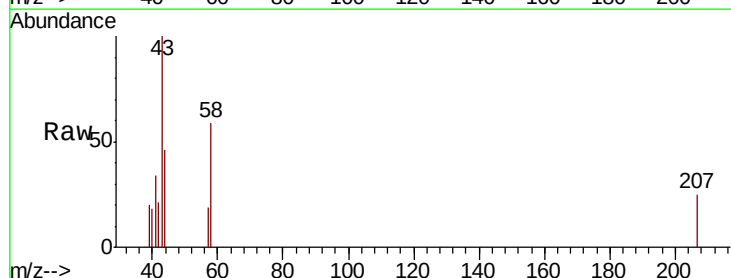
Instrument :
 MSVOA_N
 ClientSampled :

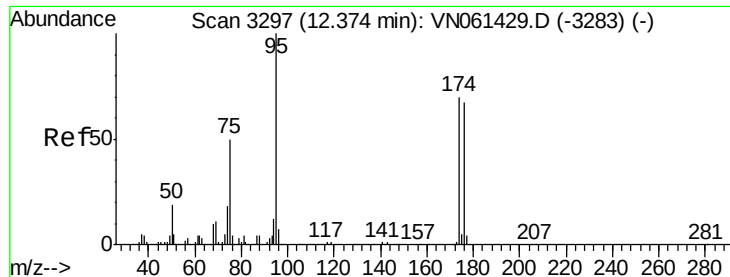
Tot Ion: 43 Resp: 1521
 Ion Ratio Lower Upper
 43 100
 58 28.5 33.4 50.2#



#59
 2-Hexanone
 Concen: 0.823 ug/l
 RT: 10.72 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: VN061433.D
 Acq: 18 May 2020 14:40

Tgt Ion: 43 Resp: 2528
 Ion Ratio Lower Upper
 43 100
 58 41.7 29.2 87.6





#62

4-Bromofluorobenzene

Concen: 49.767 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

Instrument :

MSVOA_N

ClientSampled :

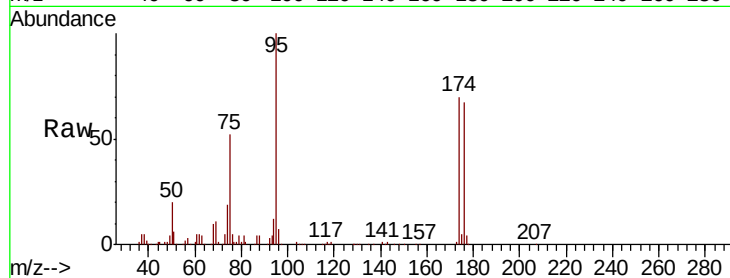
Tot Ion: 95 Resp: 238137

Ion Ratio Lower Upper

95 100

174 70.6 0.0 141.2

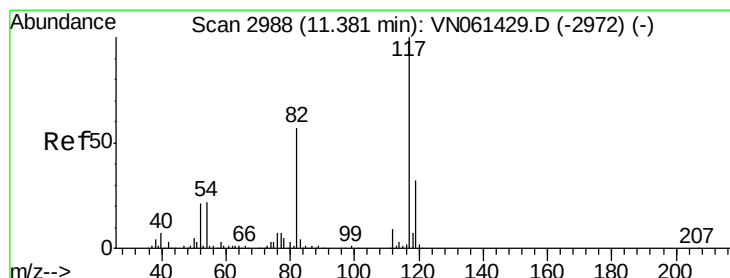
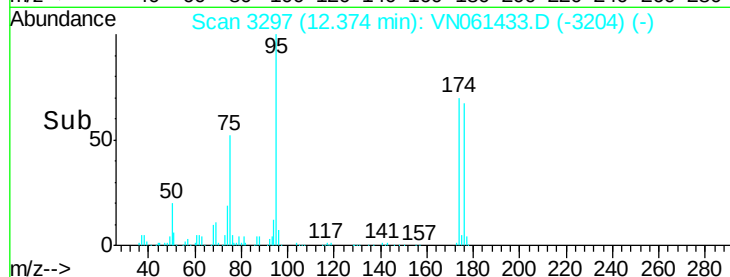
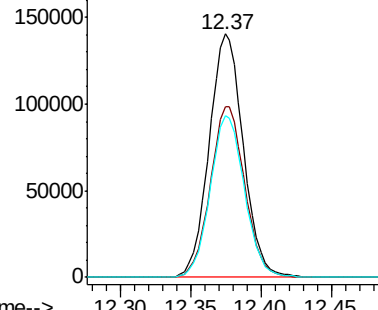
176 66.9 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061429.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061429.D (-3283) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

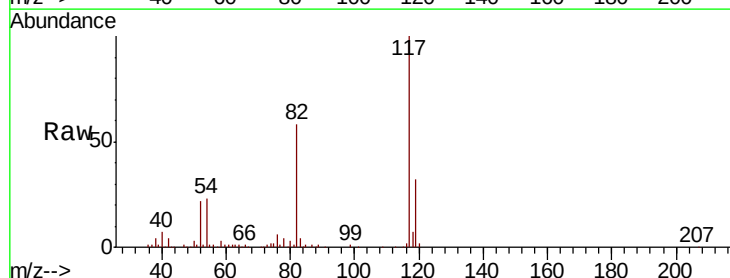
Tgt Ion: 117 Resp: 497599

Ion Ratio Lower Upper

117 100

82 58.1 45.2 67.8

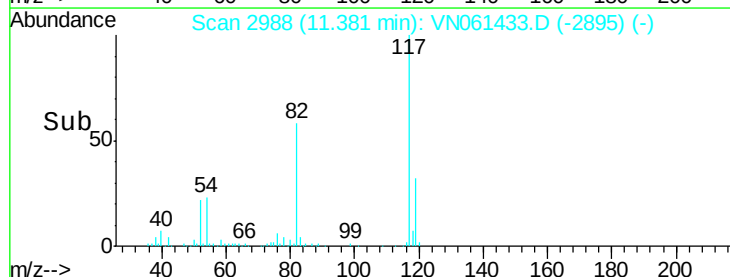
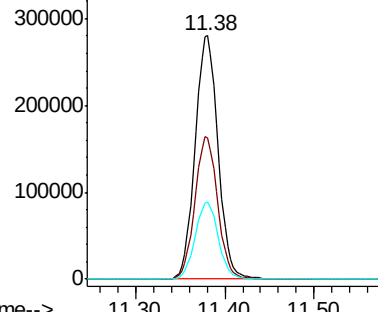
119 31.5 25.3 37.9

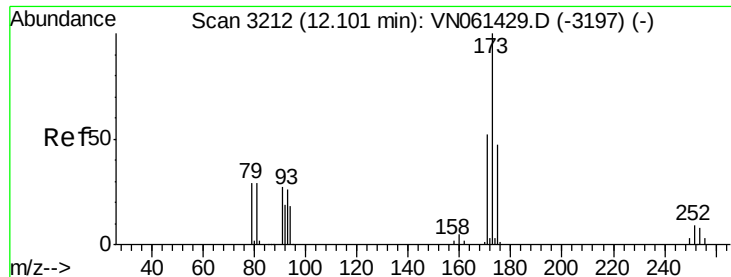


Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

Ion 82.00 (81.70 to 82.70): VN061429.D (-2972) (-)

Ion 118.90 (118.60 to 119.60): VN061429.D (-2972) (-)





#71

Bromoform

Concen: 2.554 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.27 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

Instrument :

MSVOA_N

ClientSampled :

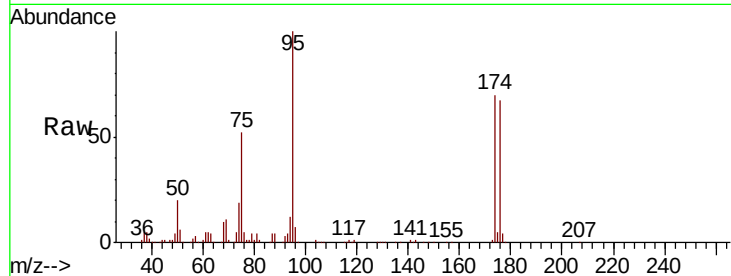
Tot Ion:173 Resp: 1574

Ion Ratio Lower Upper

173 100

175 702.0 23.9 71.8#

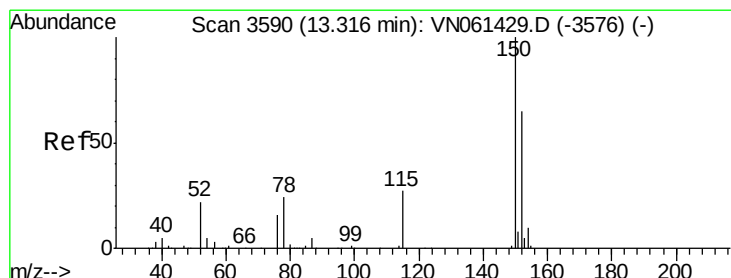
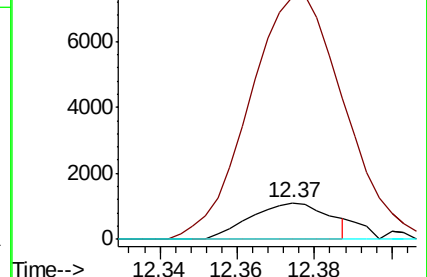
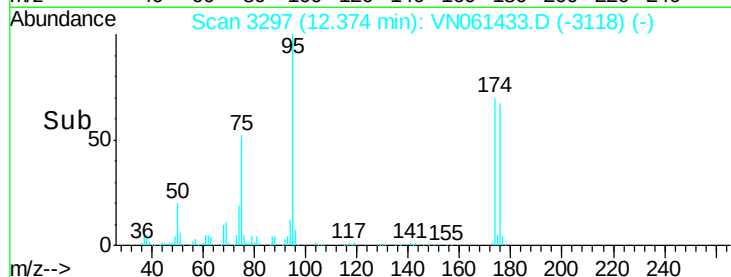
254 0.0 0.0 0.0



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: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

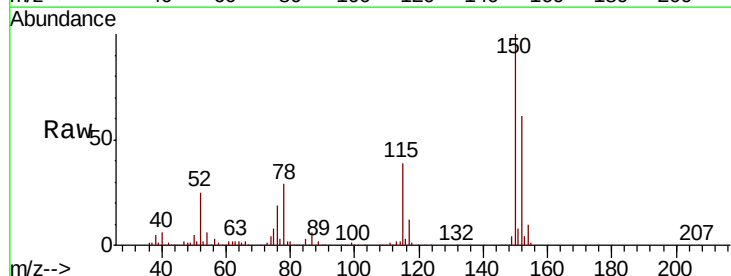
Tgt Ion:152 Resp: 194255

Ion Ratio Lower Upper

152 100

115 62.4 30.9 92.5

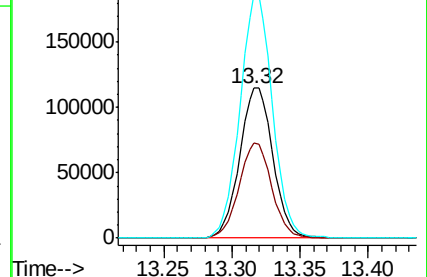
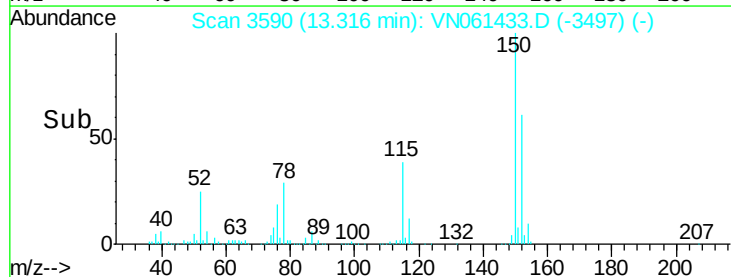
150 159.1 0.0 349.2

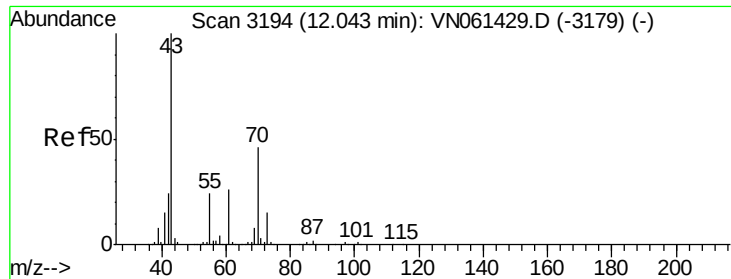


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

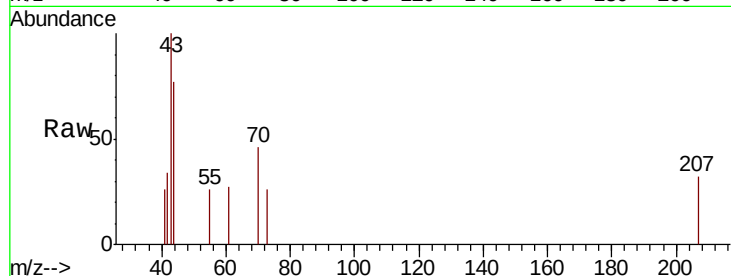




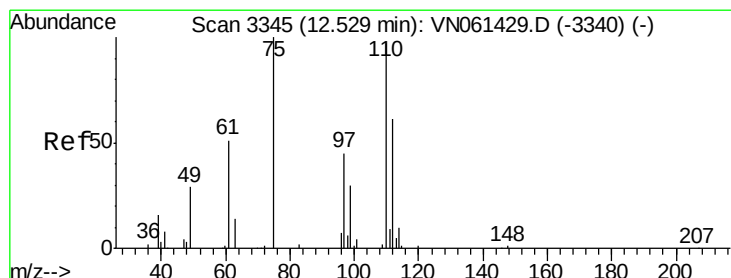
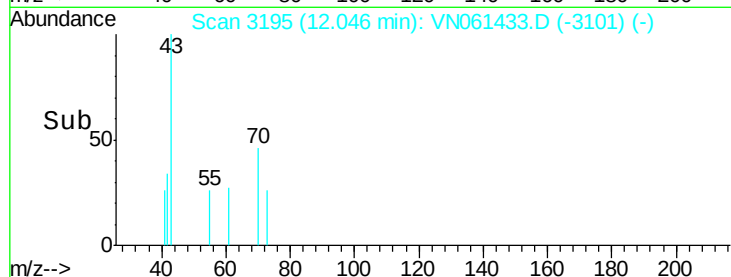
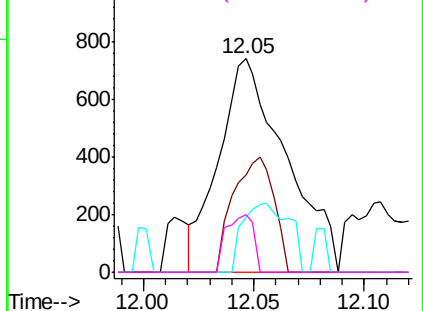
#74
N-amvl acetate
Concen: 0.274 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN061433.D
Acq: 18 May 2020 14:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1565
Ion Ratio Lower Upper
43 100
70 32.6 37.0 55.4#
55 22.1 19.5 29.3
61 10.9 20.8 31.2#

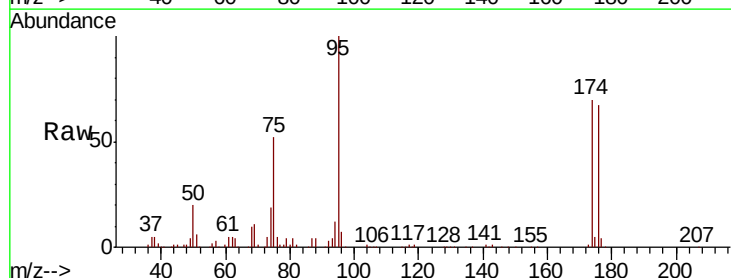


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 70.00 (69.70 to 70.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 61.00 (60.70 to 61.70): VN0

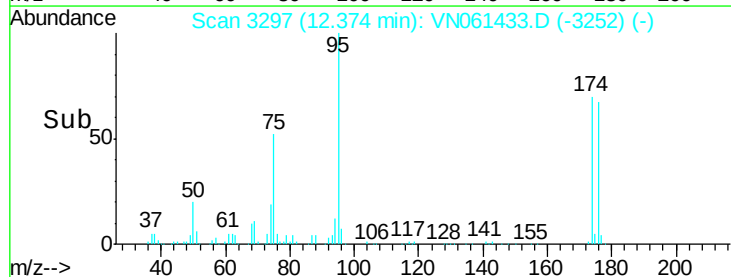
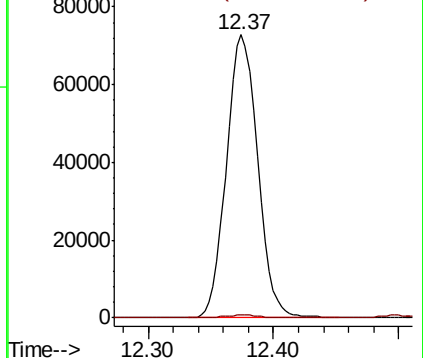


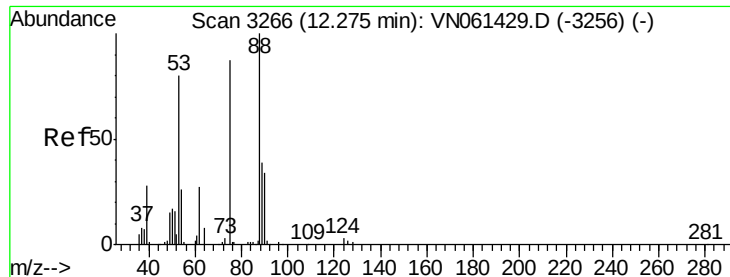
#76
1,2,3-Trichloropropane
Concen: 30.271 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.15 min
Lab File: VN061433.D
Acq: 18 May 2020 14:40

Tgt Ion: 75 Resp: 126176
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 80.302 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.10 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

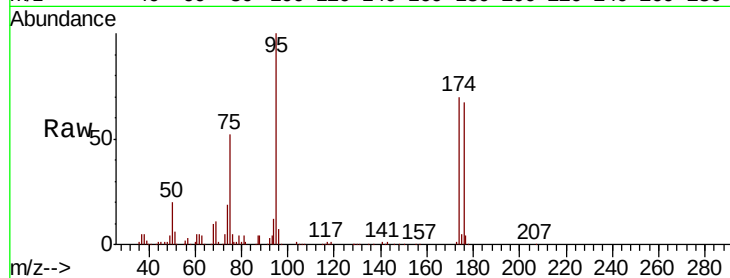
Tot Ion: 75 Resp: 126176

Ion Ratio Lower Upper

75 100

53 0.0 75.2 112.8#

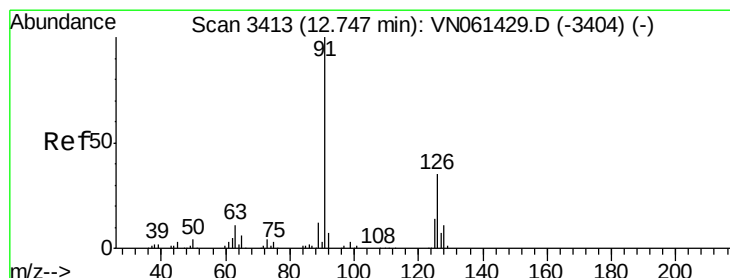
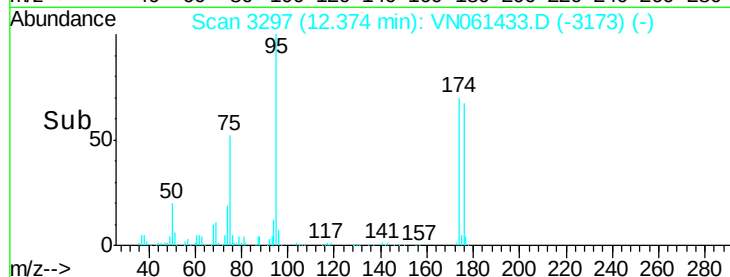
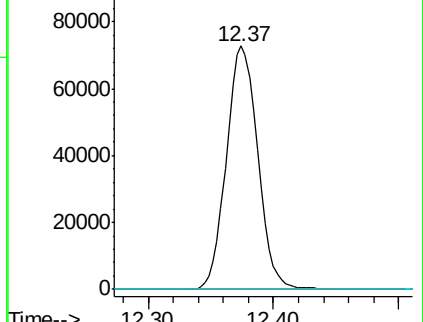
89 0.0 38.2 57.4#



Abundance Ion 74.90 (74.60 to 75.60): VN061433.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN061433.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN061433.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 0.221 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061433.D

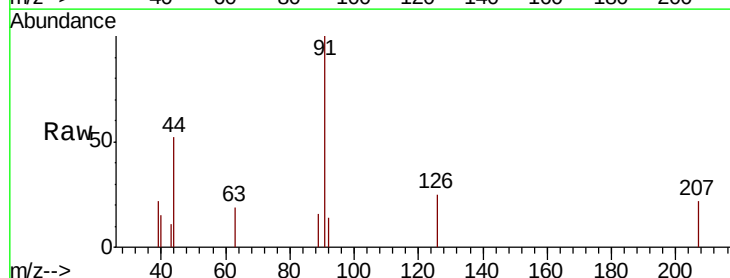
Acq: 18 May 2020 14:40

Tgt Ion: 91 Resp: 2408

Ion Ratio Lower Upper

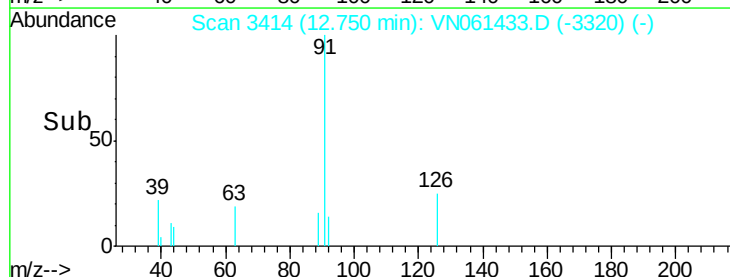
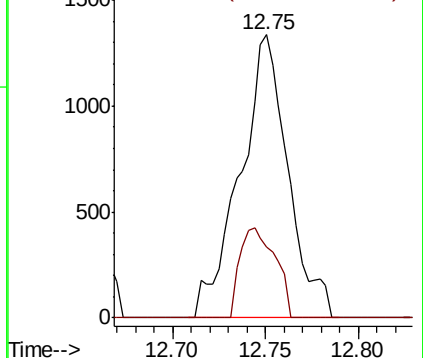
91 100

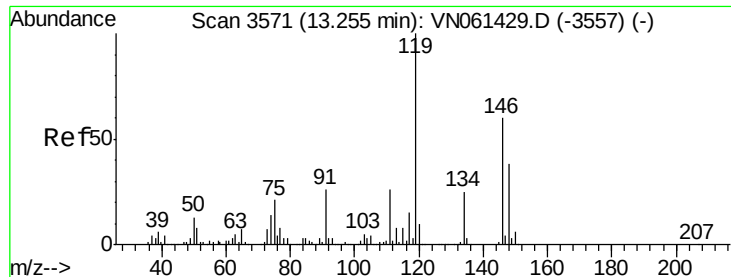
126 23.3 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN061433.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN061433.D (-3320) (-)

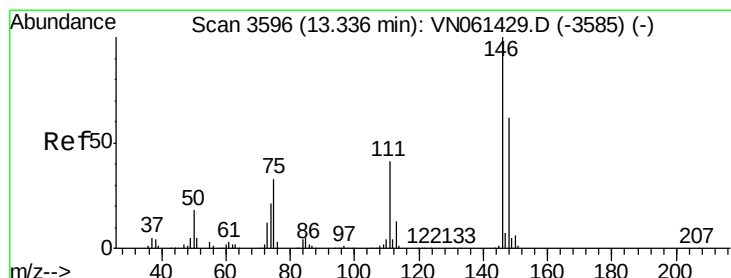
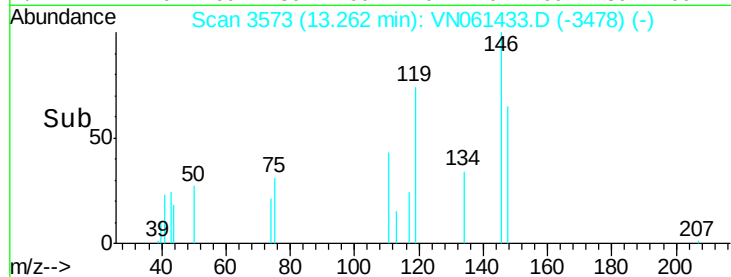
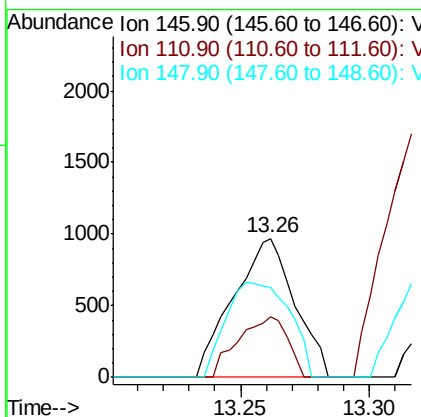
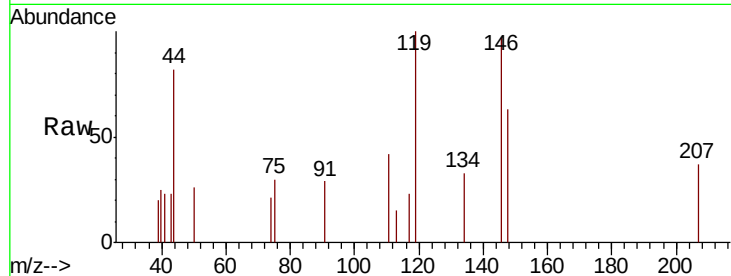




#87
 1,3-Dichlorobenzene
 Concen: 0.259 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. 0.01 min
 Lab File: VN061433.D
 Acq: 18 May 2020 14:40

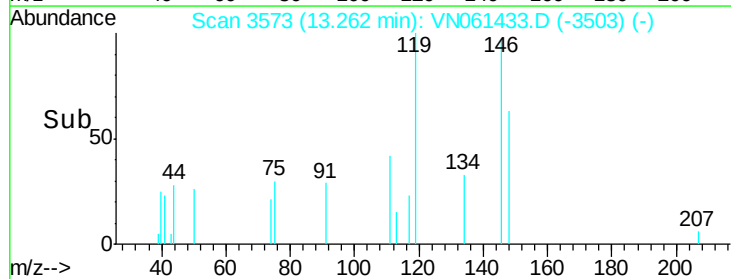
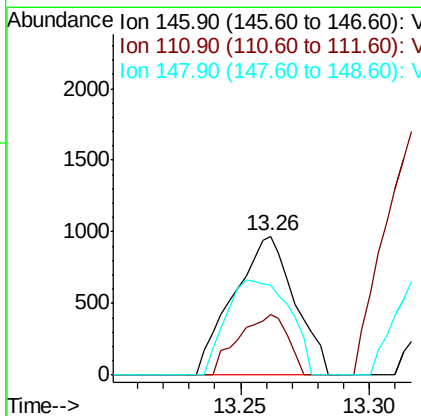
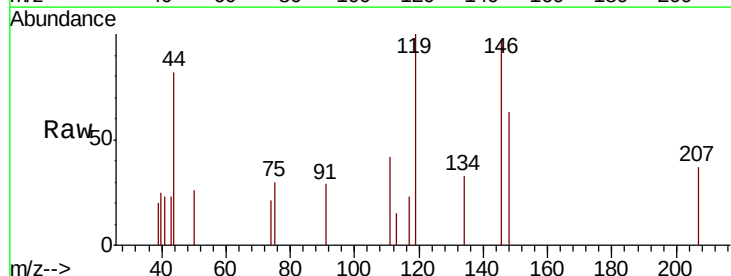
Instrument :
 MSVOA_N
 ClientSampled :

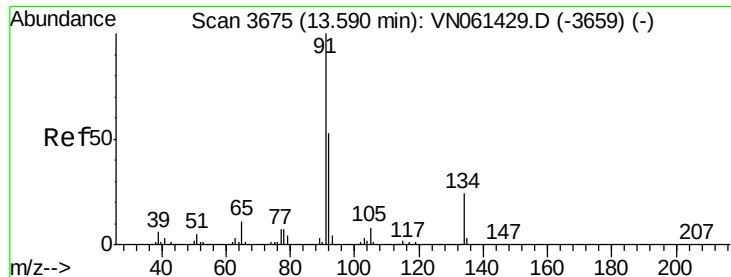
Tot Ion:146 Resp: 1605
 Ion Ratio Lower Upper
 146 100
 111 35.2 21.5 64.5
 148 71.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.259 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.07 min
 Lab File: VN061433.D
 Acq: 18 May 2020 14:40

Tgt Ion:146 Resp: 1605
 Ion Ratio Lower Upper
 146 100
 111 35.2 20.8 62.5
 148 71.0 31.6 94.8

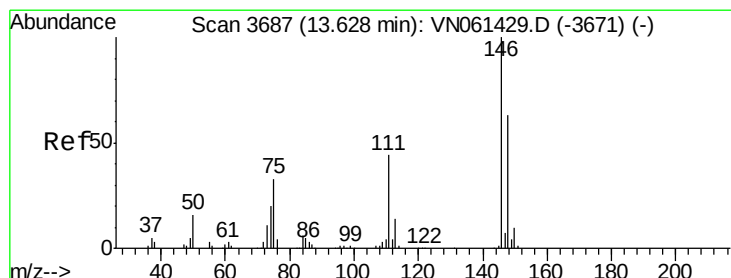
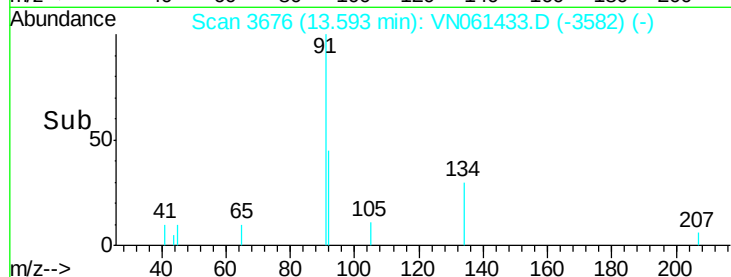
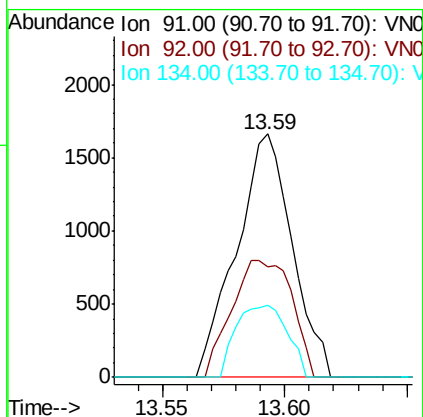
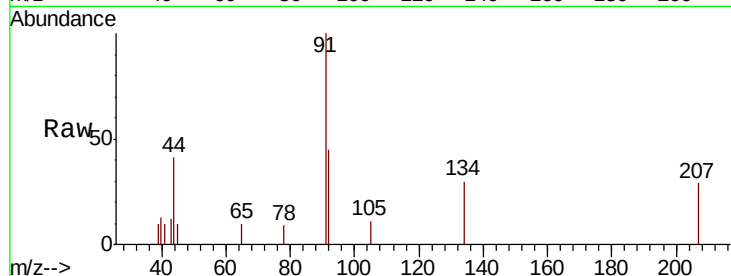




#89
n-Butylbenzene
Concen: 0.221 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN061433.D
Acq: 18 May 2020 14:40

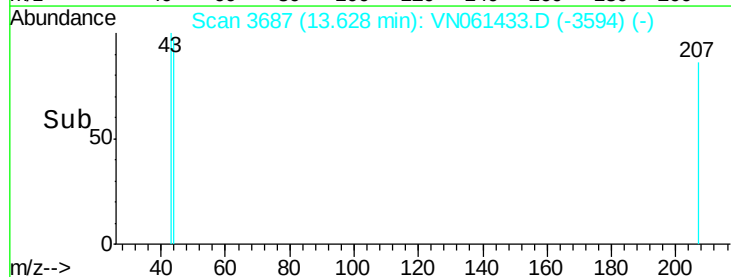
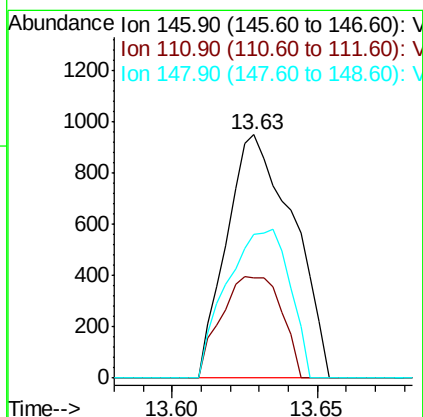
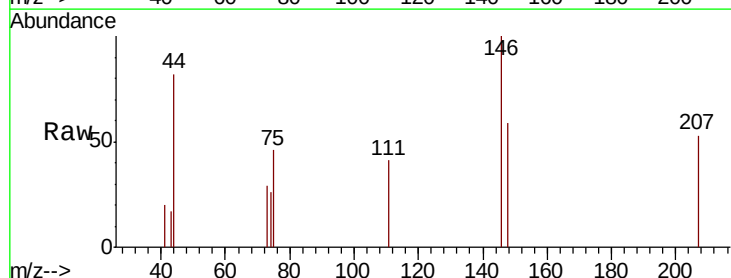
Instrument :
MSVOA_N
ClientSampled :

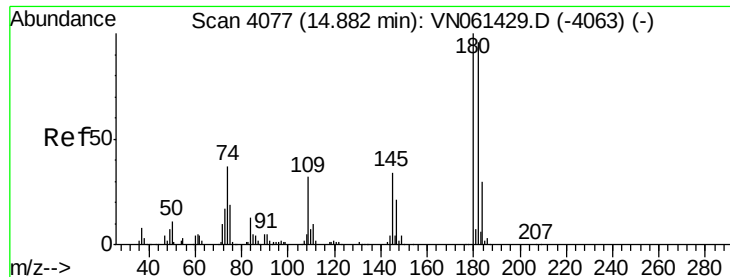
Tot Ion: 91 Resp: 2632
Ion Ratio Lower Upper
91 100
92 52.0 26.8 80.3
134 27.2 12.4 37.4



#91
1,2-Dichlorobenzene
Concen: 0.254 ug/l
RT: 13.63 min Scan# 3687
Delta R.T. -0.00 min
Lab File: VN061433.D
Acq: 18 May 2020 14:40

Tgt Ion: 146 Resp: 1509
Ion Ratio Lower Upper
146 100
111 37.8 21.9 65.7
148 57.9 31.6 94.7

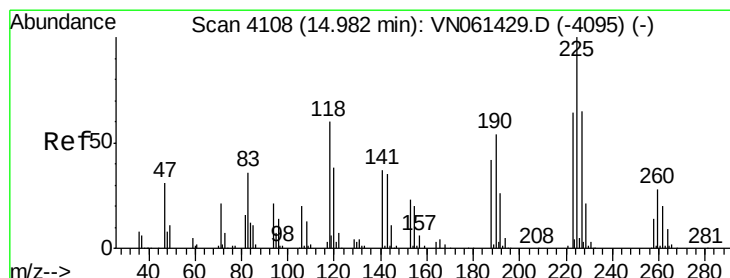
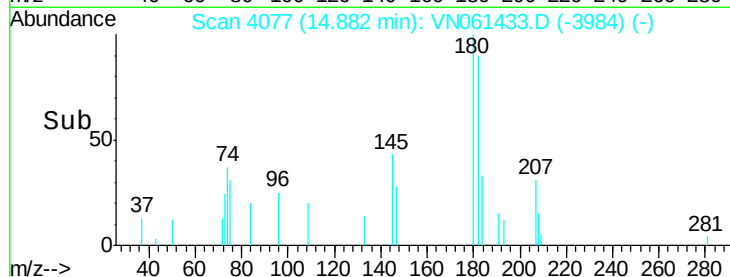
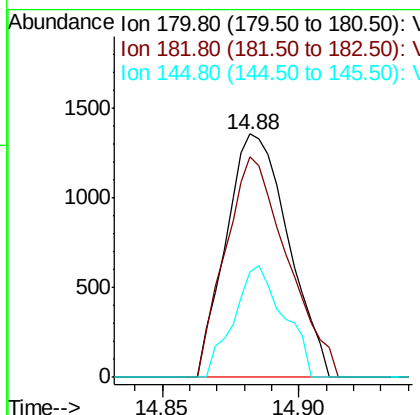
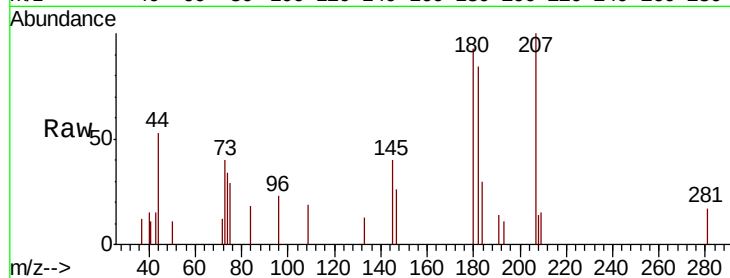




#93
 1,2,4-Trichlorobenzene
 Concen: 0.665 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061433.D
 Acq: 18 May 2020 14:40

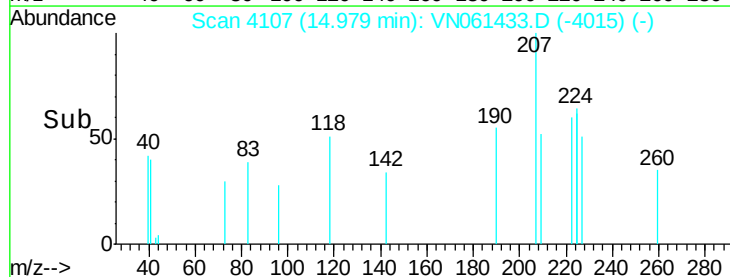
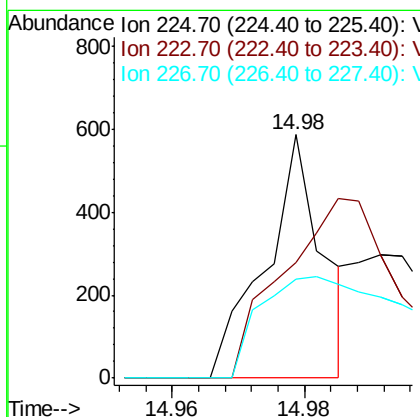
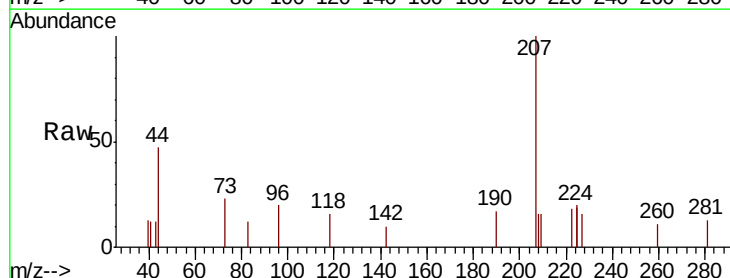
Instrument :
 MSVOA_N
 ClientSampleId :

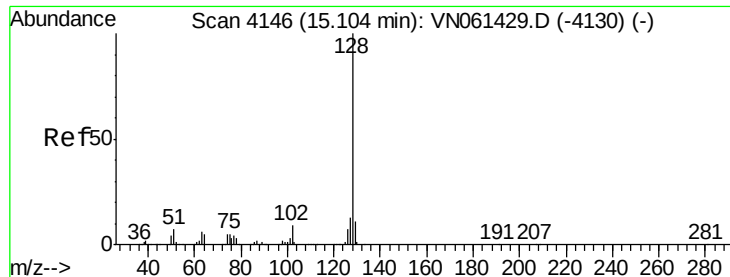
Tot Ion:180 Resp: 2141
 Ion Ratio Lower Upper
 180 100
 182 90.2 47.0 141.0
 145 36.7 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 0.247 ug/l
 RT: 14.98 min Scan# 4107
 Delta R.T. -0.00 min
 Lab File: VN061433.D
 Acq: 18 May 2020 14:40

Tgt Ion:225 Resp: 354
 Ion Ratio Lower Upper
 225 100
 223 139.5 31.9 95.7#
 227 98.9 31.5 94.5#





#95

Naphthalene

Concen: 1.024 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

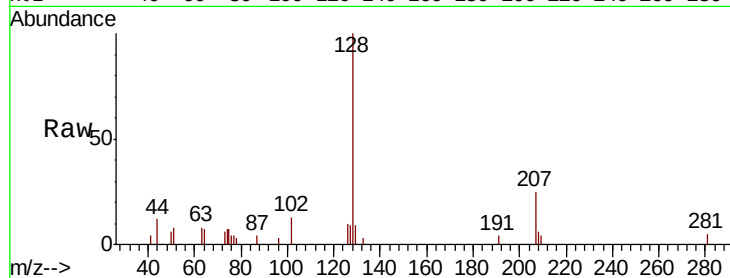
Tot Ion:128 Resp: 10483

Ion Ratio Lower Upper

128 100

127 9.1 10.1 15.1#

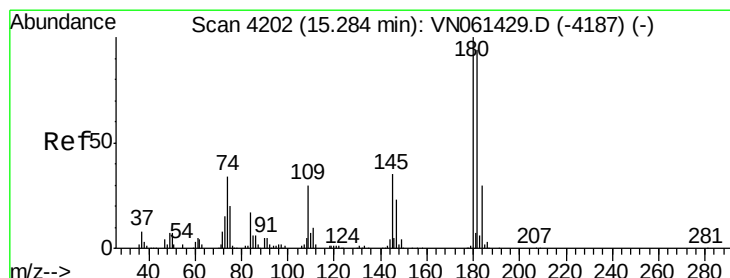
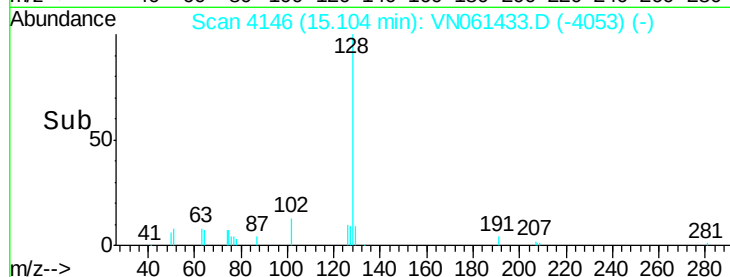
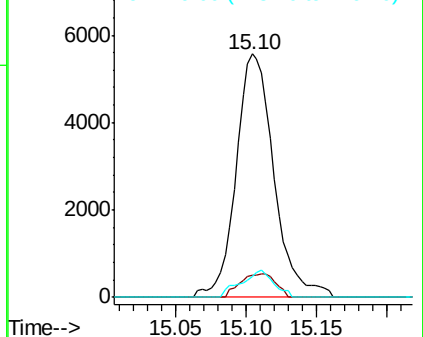
129 9.6 8.6 13.0



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: 0.839 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

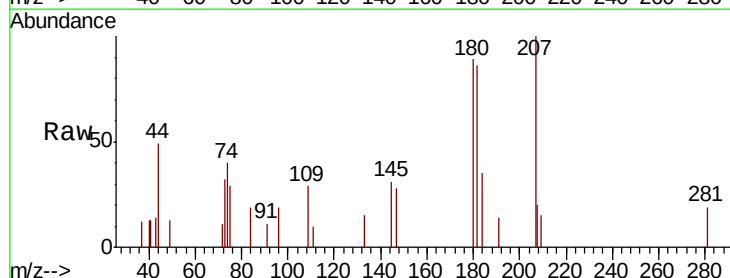
Tgt Ion:180 Resp: 2690

Ion Ratio Lower Upper

180 100

182 79.7 47.8 143.3

145 31.2 17.3 51.9



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

