

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061452.D
 Acq On : 19 May 2020 1:05
 Operator : JC/MD
 Sample : VN0518WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 19 03:34:55 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	238897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	437526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	425487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179297	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	168884	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
35) Dibromofluoromethane	7.54	113	124429	54.29	ug/l	0.00
Spiked Amount			Recovery	=	108.58%	
50) Toluene-d8	10.06	98	553380	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.37	95	207907	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	785	0.242	ug/l #	54
5) Bromomethane	2.55	94	1130	Below Cal	#	62
10) Methyl Iodide	3.91	142	609	0.214	ug/l #	82
13) Acrolein	3.58	56	259	Below Cal	#	30
15) Acrylonitrile	4.93	53	745	0.612	ug/l #	71
16) Acetone	3.76	43	1062	Below Cal	#	87
17) Carbon Disulfide	4.01	76	2813	Below Cal	#	75
18) Methyl Acetate	4.27	43	275	Below Cal	#	49
21) trans-1,2-Dichloroethene	4.99	96	615	0.218	ug/l #	33
25) 2-Butanone	6.77	43	567	0.349	ug/l #	46
29) Tetrahydrofuran	7.17	42	598	0.556	ug/l #	78
31) Cyclohexane	7.61	56	5902	Below Cal	#	17
36) 1,1-Dichloropropene	7.62	75	20527	5.018	ug/l #	50
38) Carbon Tetrachloride	7.62	117	26307	6.983	ug/l #	15
49) 1,4-Dioxane	9.16	88	275	Below Cal	#	83
51) 4-Methyl-2-Pentanone	9.95	43	1726	0.490	ug/l	91
59) 2-Hexanone	10.72	43	3133	1.228	ug/l	75
71) Bromoform	12.37	173	1525	2.625	ug/l #	1
74) N-amyl acetate	12.04	43	1207	0.229	ug/l #	85
76) 1,2,3-Trichloropropane	12.37	75	110347	28.682	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	110347	76.087	ug/l #	12
82) 4-Chlorotoluene	12.75	91	2300	0.229	ug/l	95
85) sec-Butylbenzene	13.15	105	4365	0.320	ug/l	99
86) p-Isopropyltoluene	13.26	119	3658	0.302	ug/l	95
87) 1,3-Dichlorobenzene	13.26	146	1675	0.293	ug/l	86
88) 1,4-Dichlorobenzene	13.26	146	1675	0.293	ug/l	85
89) n-Butylbenzene	13.59	91	6302	0.572	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	1719	0.313	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.25	75	292	0.365	ug/l #	50
93) 1,2,4-Trichlorobenzene	14.89	180	3295	1.108	ug/l	93
94) Hexachlorobutadiene	14.98	225	2389	1.808	ug/l	93
95) Naphthalene	15.10	128	15692	1.660	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	3566	1.205	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
Data File : VN061452.D
Acq On : 19 May 2020 1:05
Operator : JC/MD
Sample : VN0518WBL02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 19 03:34:55 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

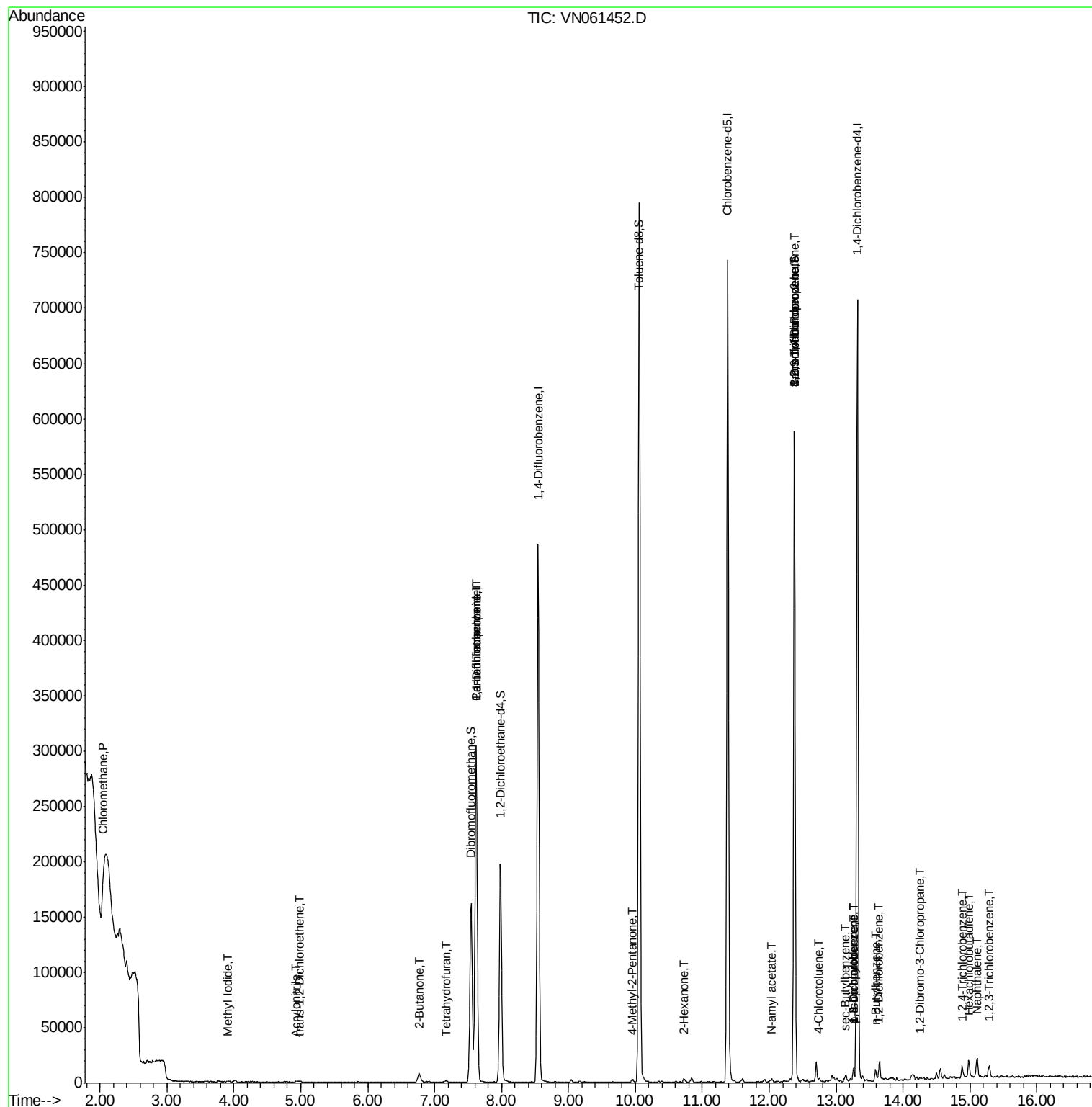
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

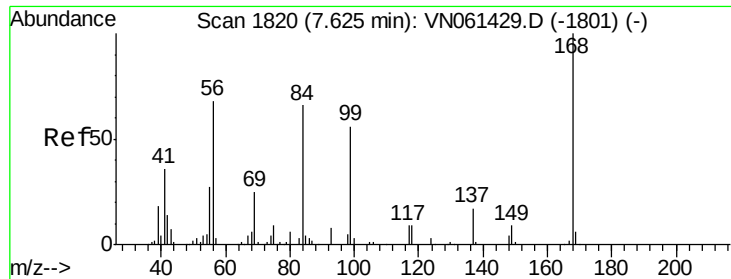
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051820\
Data File : VN061452.D
Acq On : 19 May 2020 1:05
Operator : JC/MD
Sample : VN0518WBL02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 19 03:34:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
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: VN061452.D

Acq: 19 May 2020 1:05

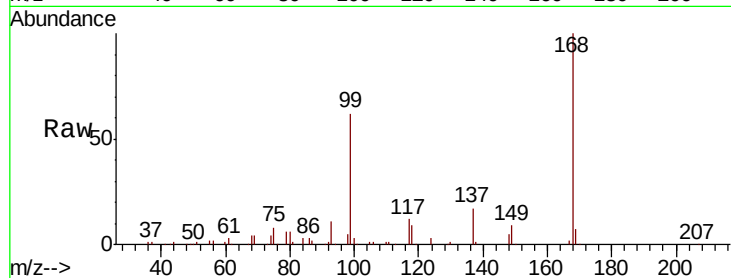
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 238897

Ion Ratio Lower Upper

168 100

99 61.5 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

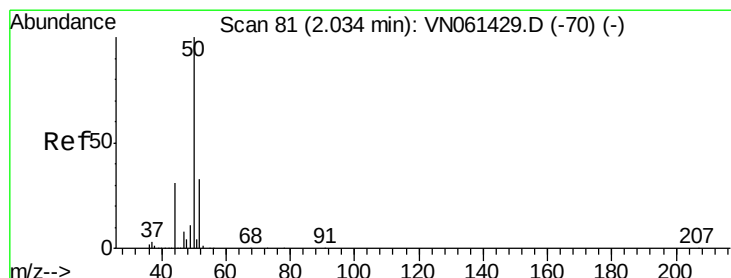
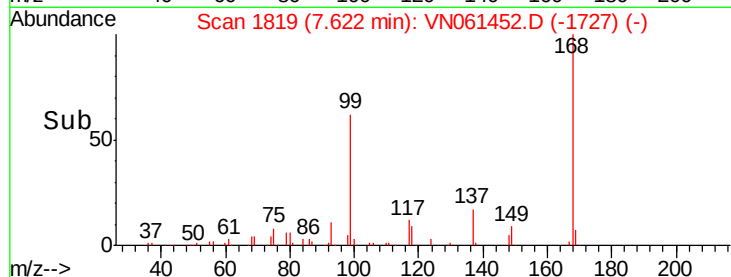
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.242 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061452.D

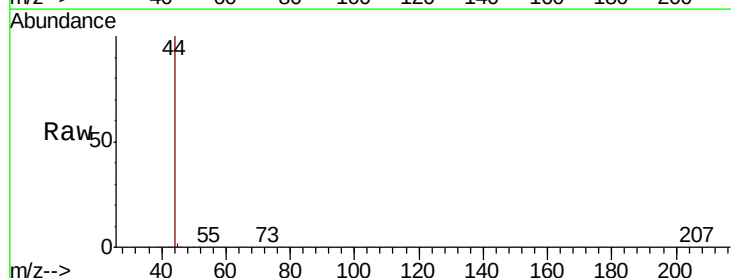
Acq: 19 May 2020 1:05

Tgt Ion: 50 Resp: 785

Ion Ratio Lower Upper

50 100

52 59.6 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

600

500

400

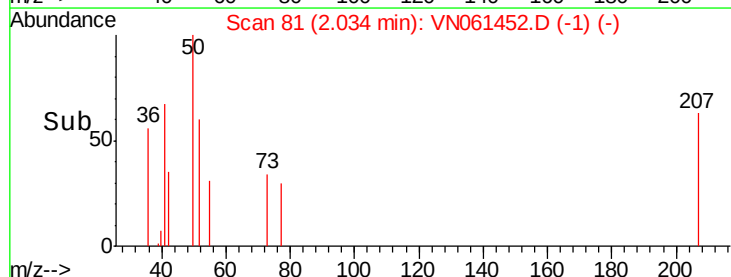
300

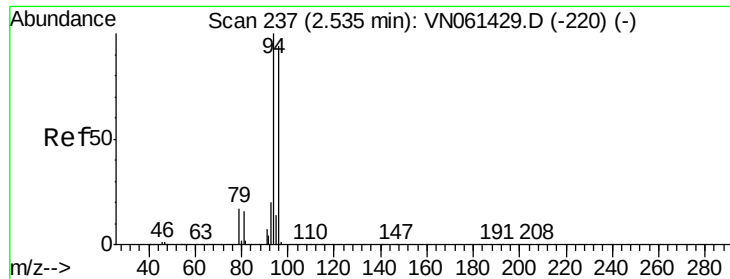
200

100

0

Time--> 2.00 2.02 2.04 2.06 2.08





#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 242

Delta R.T. 0.02 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

Instrument :

MSVOA_N

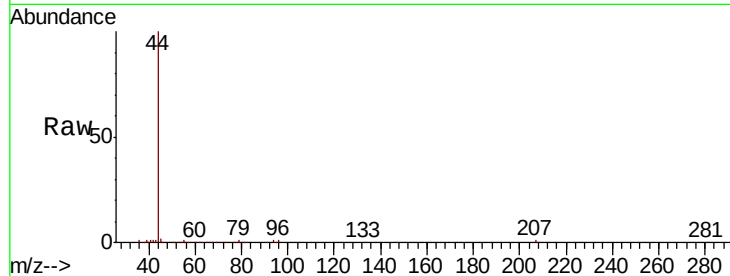
ClientSampled :

Tot Ion: 94 Resp: 1130

Ion Ratio Lower Upper

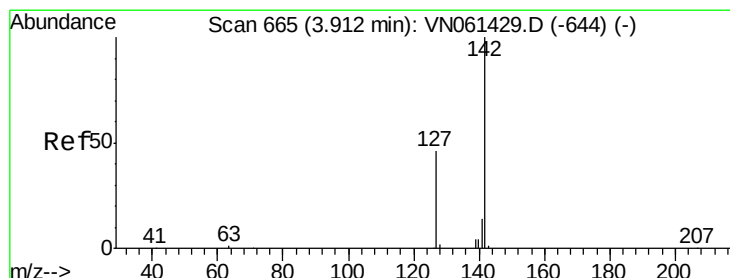
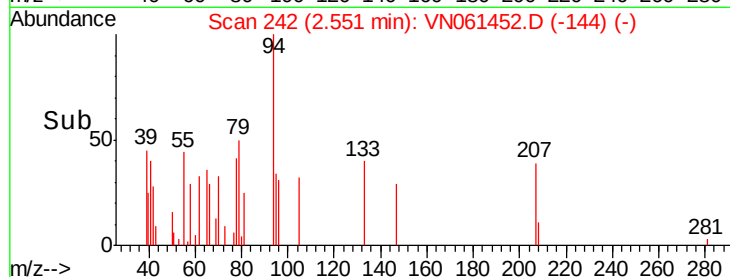
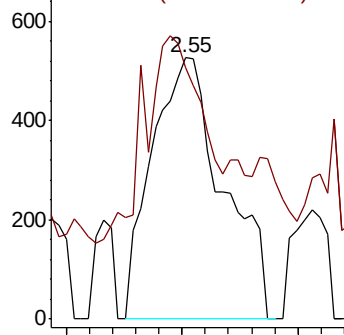
94 100

96 57.4 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 0.214 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

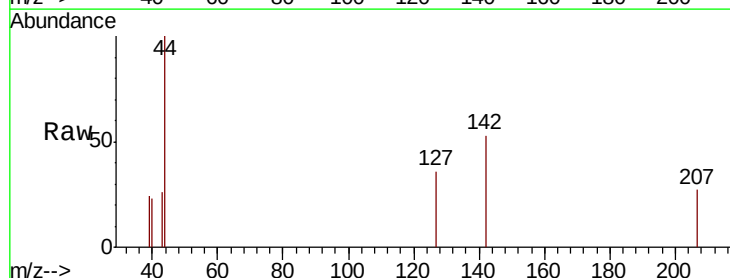
Tgt Ion: 142 Resp: 609

Ion Ratio Lower Upper

142 100

127 37.4 36.7 55.1

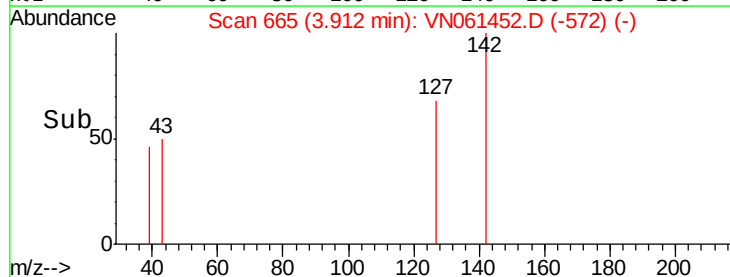
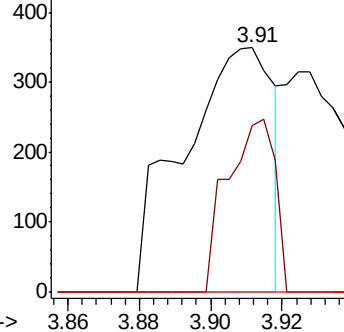
141 0.0 11.5 17.3#

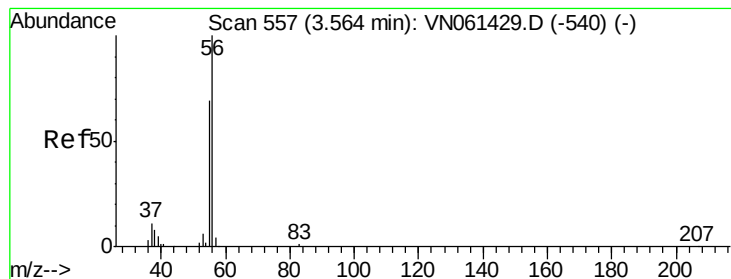


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: Below Cal

RT: 3.58 min Scan# 561

Delta R.T. 0.01 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

Instrument :

MSVOA_N

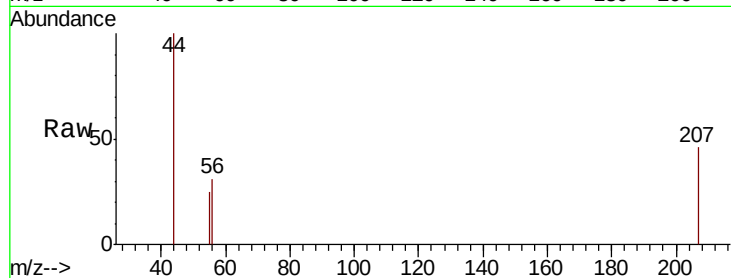
ClientSampleId :

Tot Ion: 56 Resp: 259

Ion Ratio Lower Upper

56 100

55 125.1 54.8 82.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

300

200

100

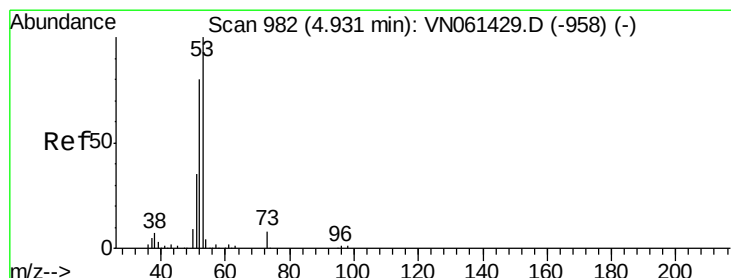
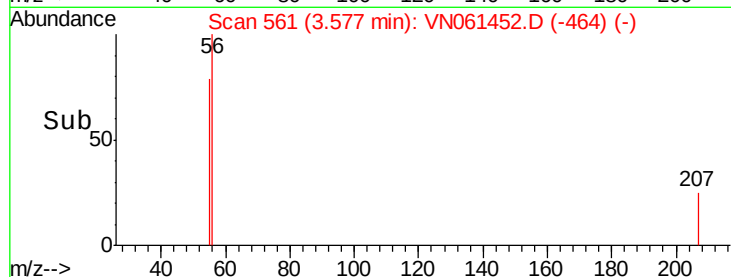
0

3.56

3.58

3.60

Time-->



#15

Acrylonitrile

Concen: 0.612 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

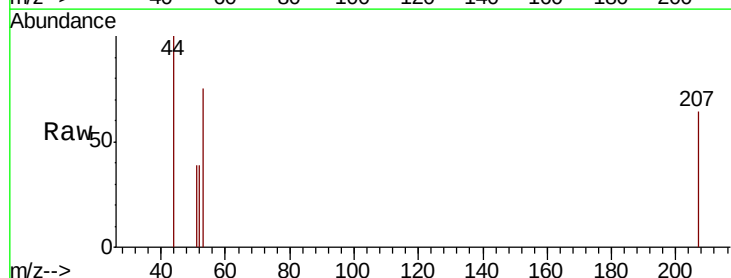
Tgt Ion: 53 Resp: 745

Ion Ratio Lower Upper

53 100

52 58.8 64.7 97.1#

51 14.9 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

500

400

300

200

100

0

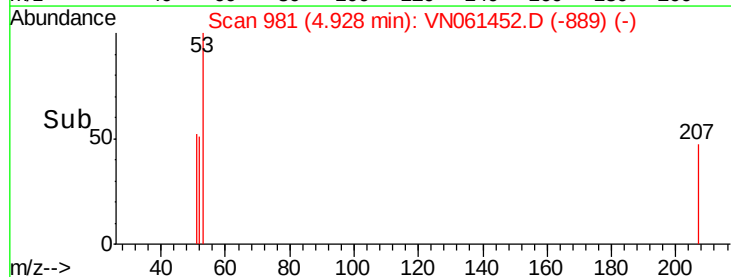
4.90

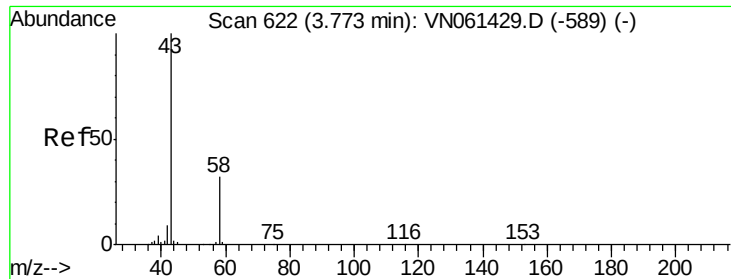
4.92

4.94

4.96

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.76 min Scan# 618

Delta R.T. -0.01 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

Instrument :

MSVOA_N

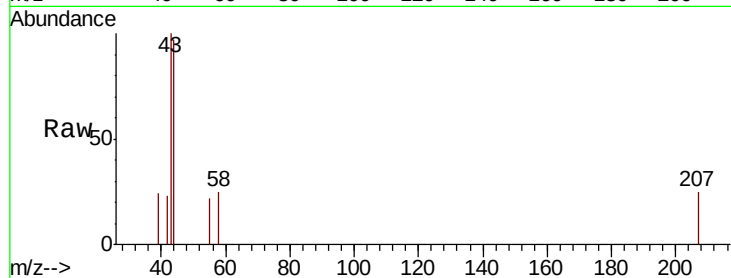
ClientSampleId :

Tot Ion: 43 Resp: 1062

Ion Ratio Lower Upper

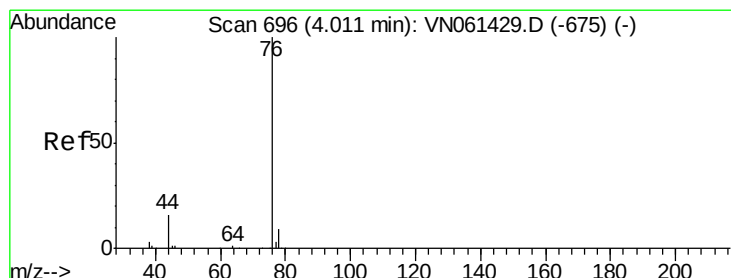
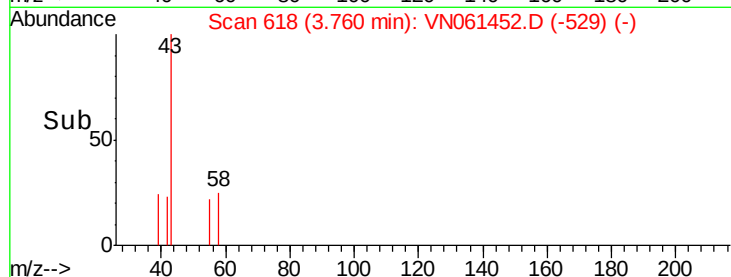
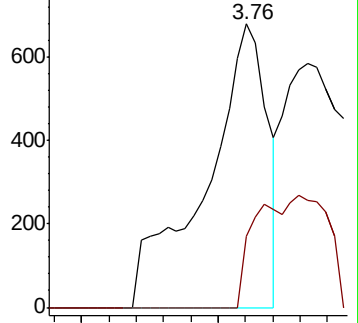
43 100

58 24.9 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN061452.D

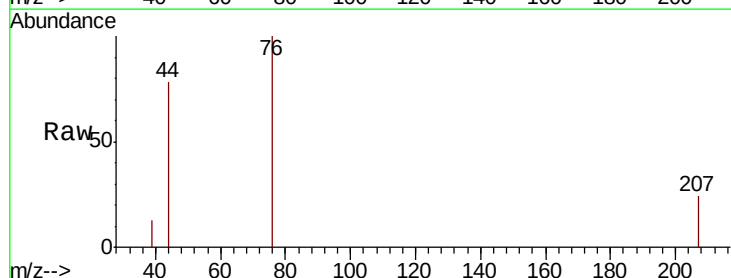
Acq: 19 May 2020 1:05

Tgt Ion: 76 Resp: 2813

Ion Ratio Lower Upper

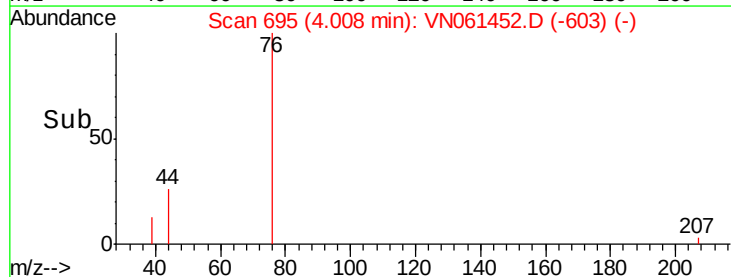
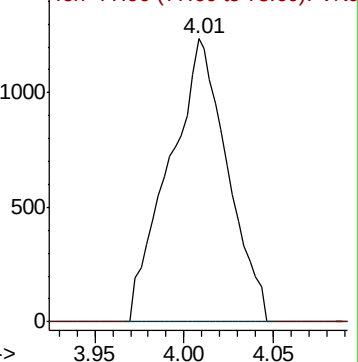
76 100

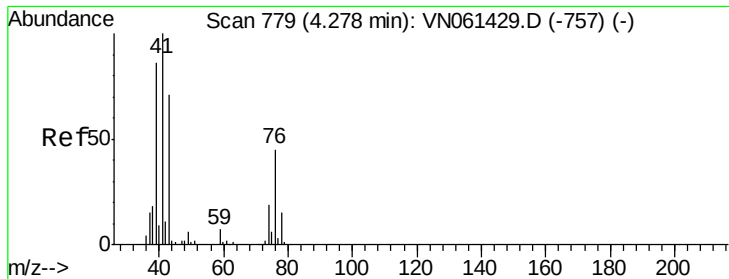
78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

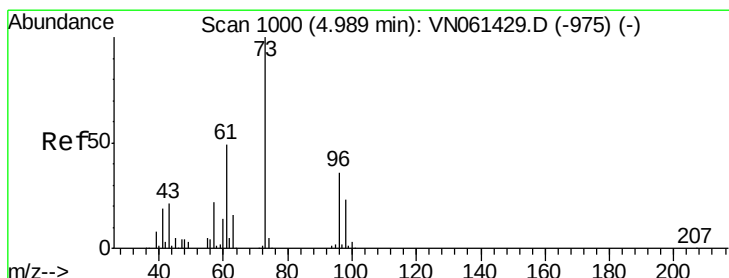
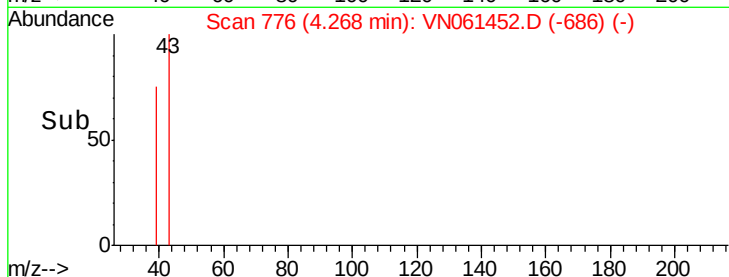
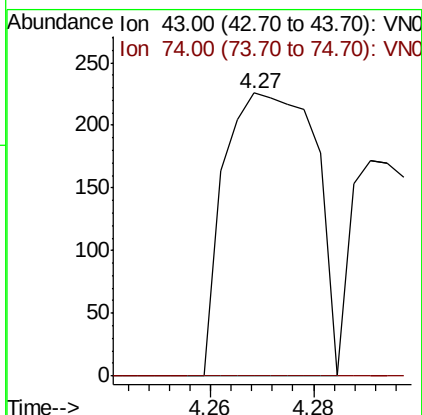
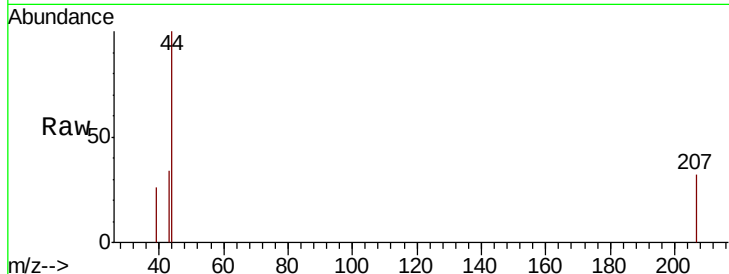




#18
Methyl Acetate
Concen: Below Cal
RT: 4.27 min Scan# 776
Delta R.T. -0.01 min
Lab File: VN061452.D
Acq: 19 May 2020 1:05

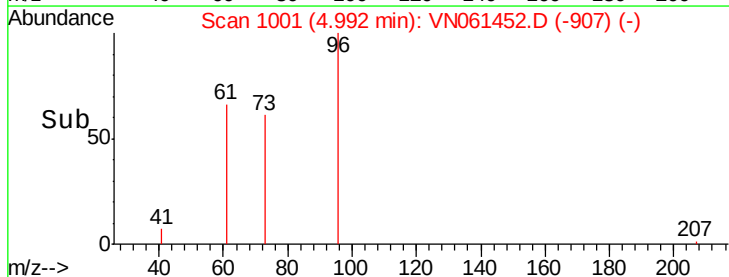
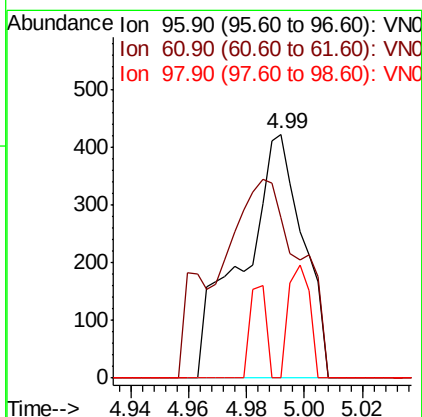
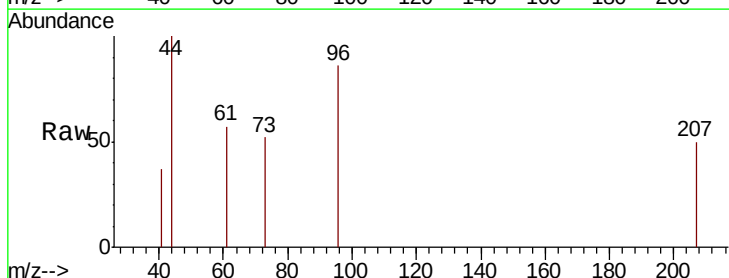
Instrument :
MSVOA_N
ClientSampled :

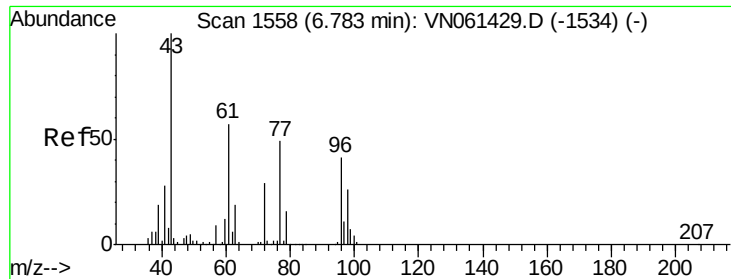
Tot Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#



#21
trans-1,2-Dichloroethene
Concen: 0.218 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061452.D
Acq: 19 May 2020 1:05

Tgt Ion: 96 Resp: 615
Ion Ratio Lower Upper
96 100
61 66.0 109.8 164.6#
98 0.0 52.4 78.6#





#25

2-Butanone

Concen: 0.349 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

Instrument :

MSVOA_N

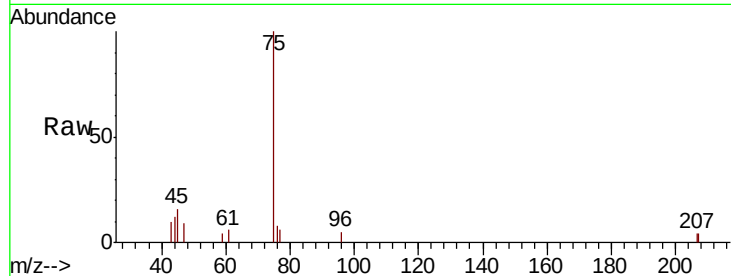
ClientSampleId :

Tot Ion: 43 Resp: 567

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

500

400

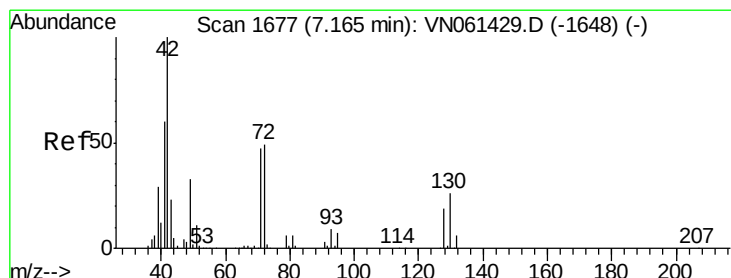
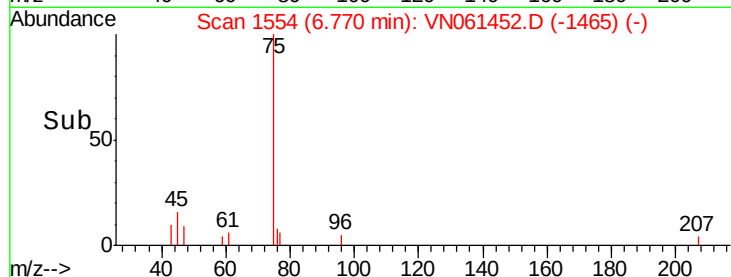
300

200

100

0

Time-->



#29

Tetrahydrofuran

Concen: 0.556 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. 0.00 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

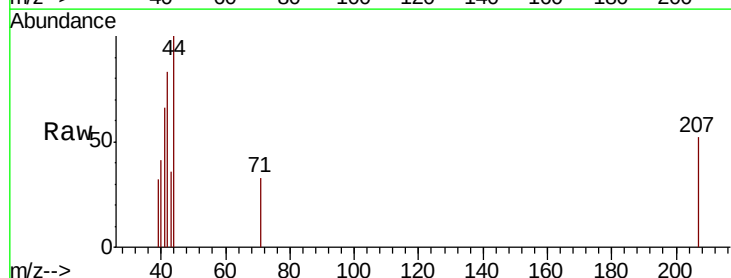
Tgt Ion: 42 Resp: 598

Ion Ratio Lower Upper

42 100

72 27.6 39.0 58.6#

71 38.3 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

500

400

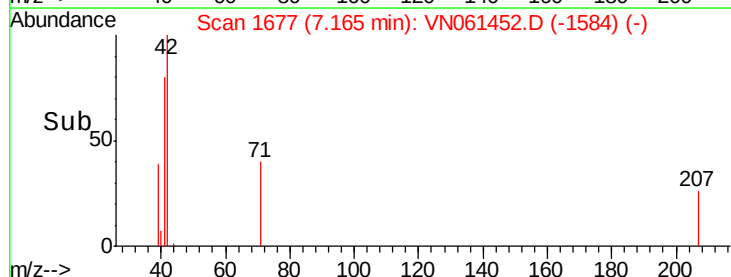
300

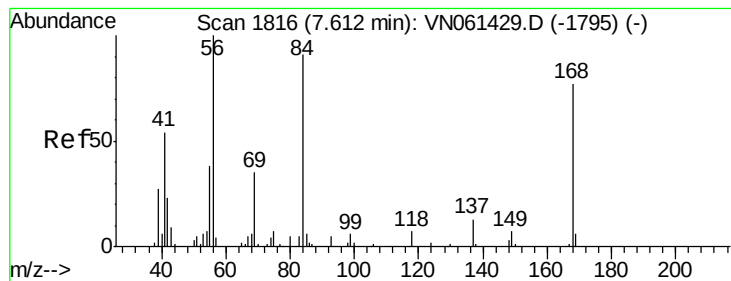
200

100

0

Time-->





#31

Cyclohexane

Concen: Below Cal

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

Instrument :
MSVOA_N
ClientSampled :

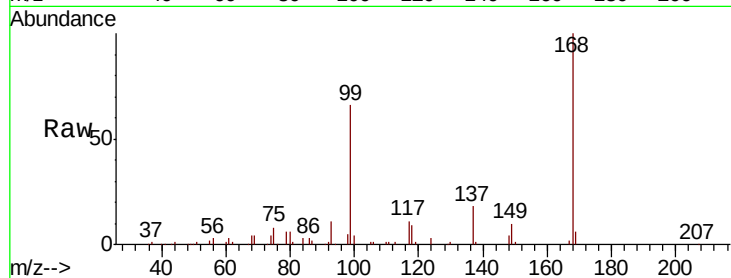
Tot Ion: 56 Resp: 5902

Ion Ratio Lower Upper

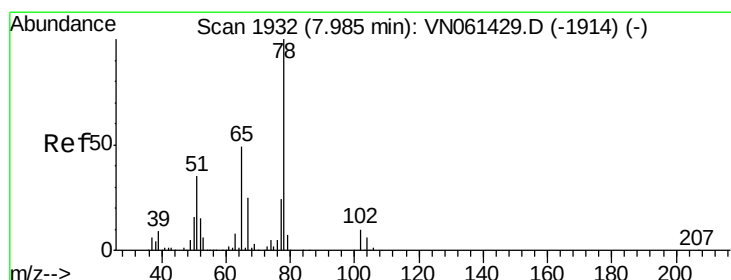
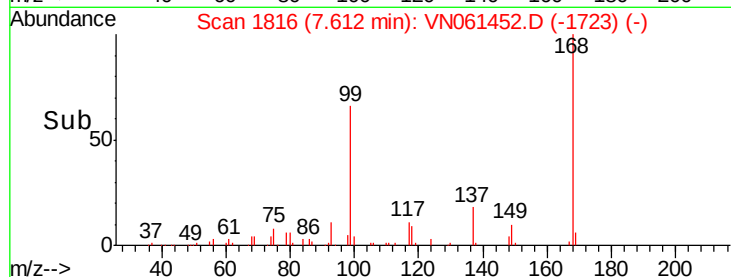
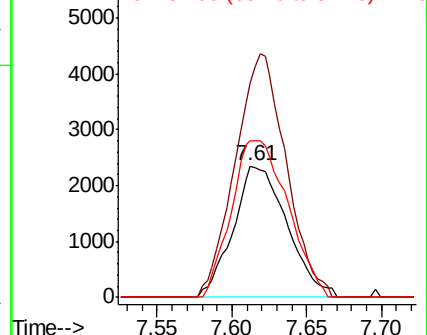
56 100

69 162.8 27.8 41.6#

84 118.9 72.7 109.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.367 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.00 min

Lab File: VN061452.D

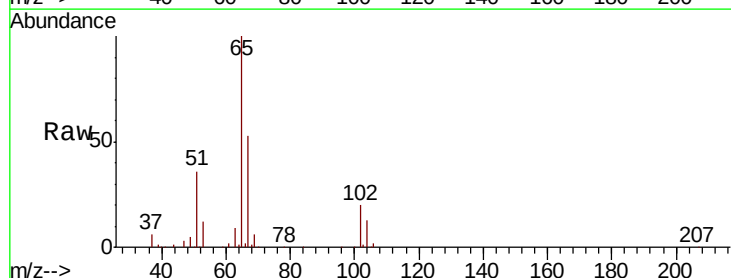
Acq: 19 May 2020 1:05

Tgt Ion: 65 Resp: 168884

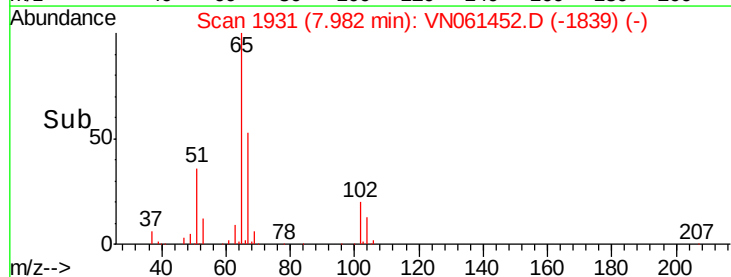
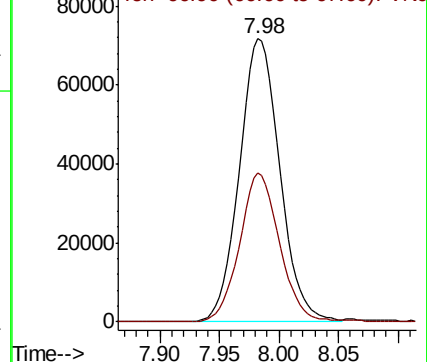
Ion Ratio Lower Upper

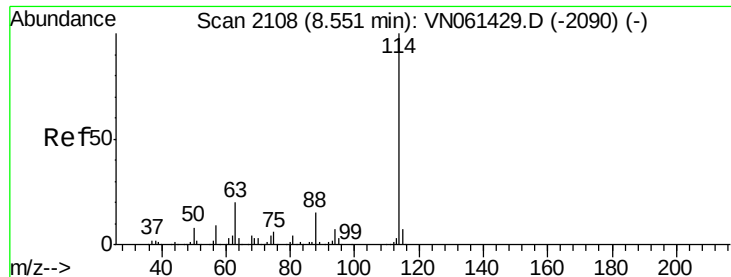
65 100

67 52.1 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

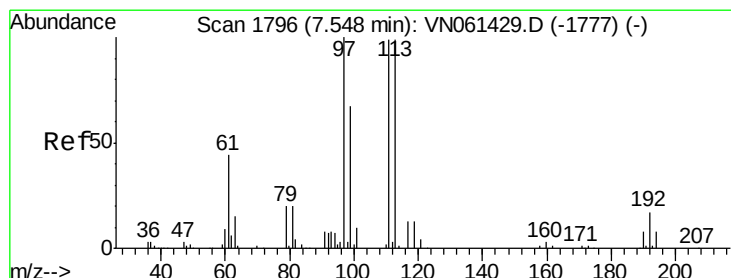
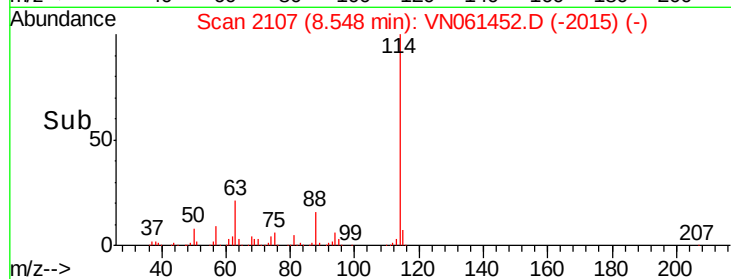
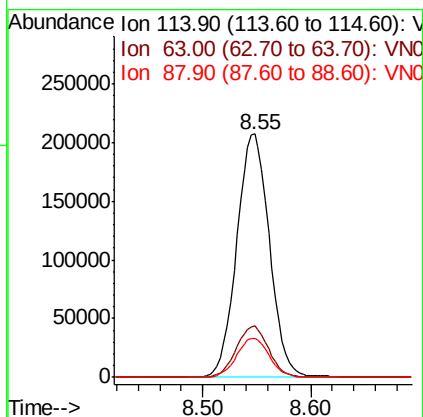
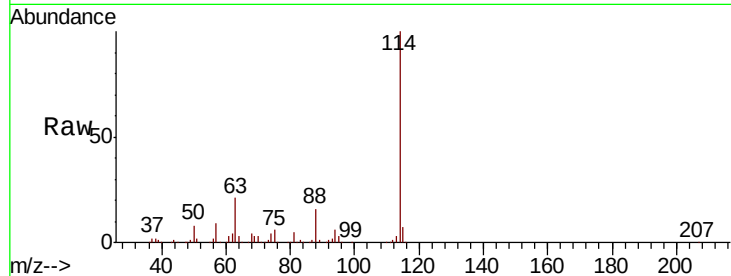




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061452.D
 Acq: 19 May 2020 1:05

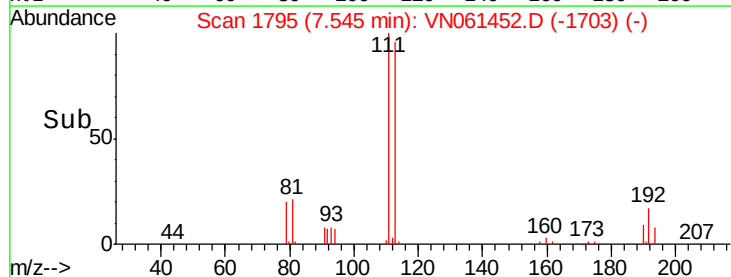
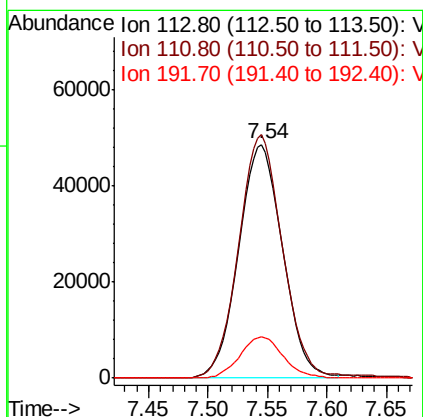
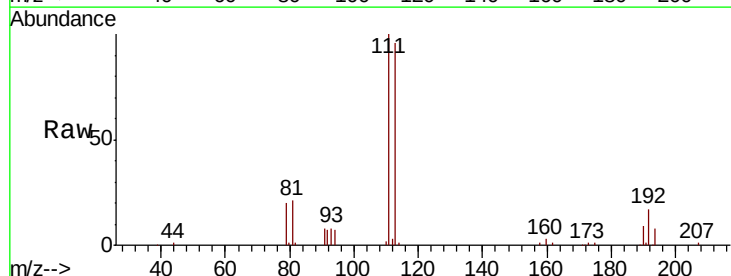
Instrument :
 MSVOA_N
 ClientSampled :

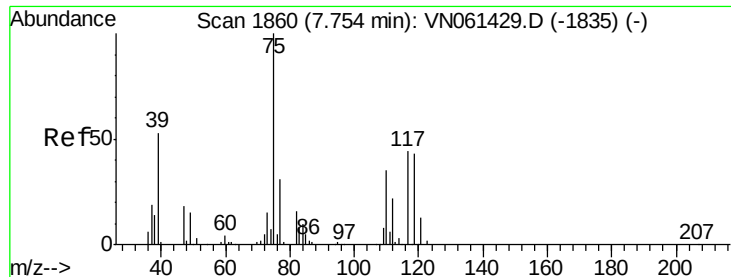
Tot Ion:114 Resp: 437526
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 16.1 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 54.287 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061452.D
 Acq: 19 May 2020 1:05

Tgt Ion:113 Resp: 124429
 Ion Ratio Lower Upper
 113 100
 111 104.7 80.6 121.0
 192 17.3 13.2 19.8

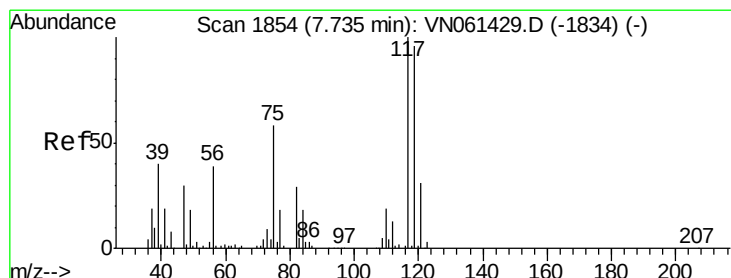
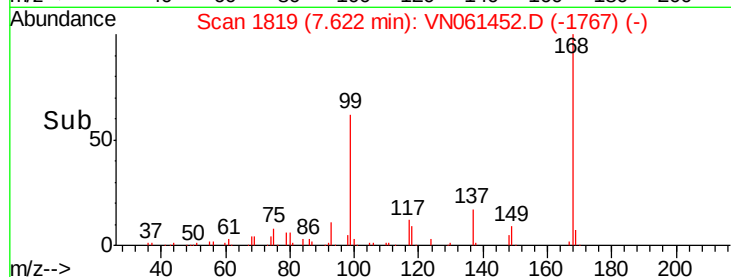
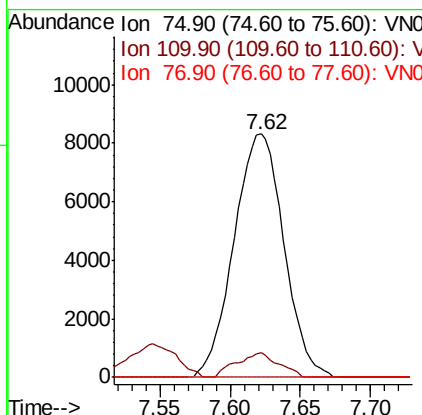
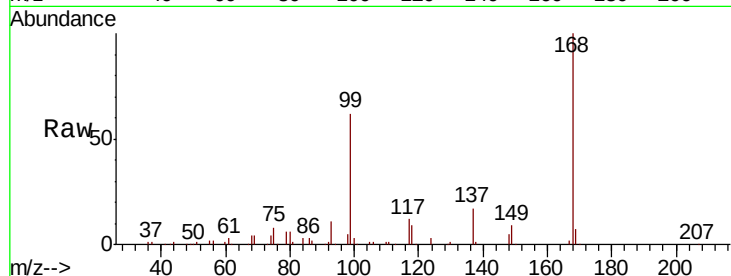




#36
 1,1-Dichloropropene
 Concen: 5.018 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061452.D
 Acq: 19 May 2020 1:05

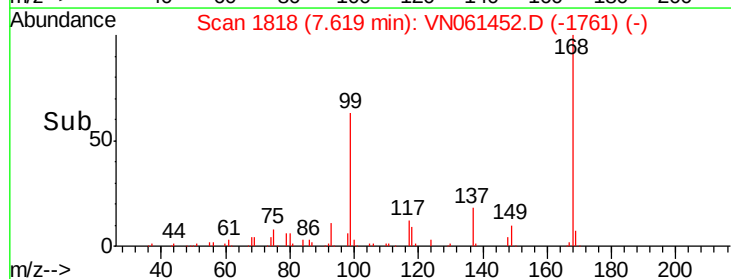
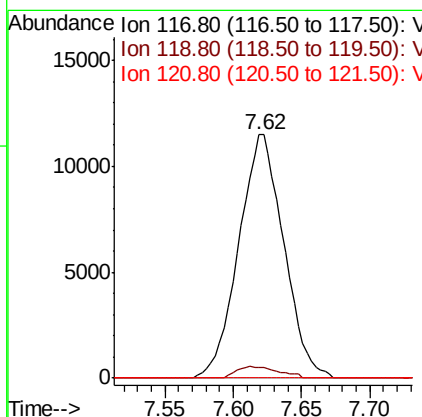
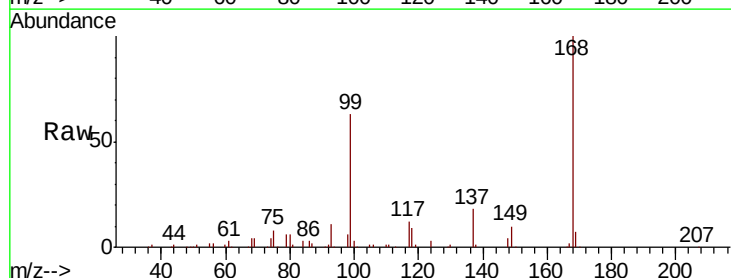
Instrument :
 MSVOA_N
 ClientSampled :

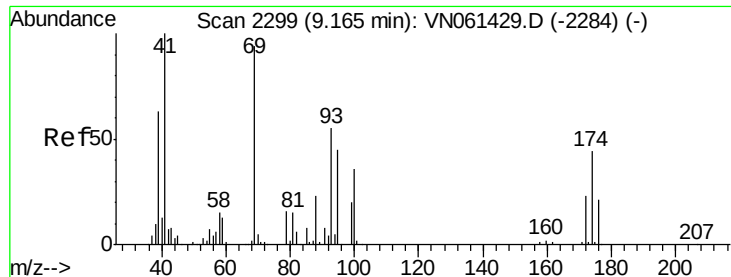
Tot Ion	75	Resp	20527
Ion Ratio	Lower	Upper	
75	100		
110	8.6	17.3	51.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.983 ug/l
 RT: 7.62 min Scan# 1818
 Delta R.T. -0.12 min
 Lab File: VN061452.D
 Acq: 19 May 2020 1:05

Tgt Ion	117	Resp	26307
Ion Ratio	Lower	Upper	
117	100		
119	4.4	77.0	115.6#
121	0.0	24.7	37.1#

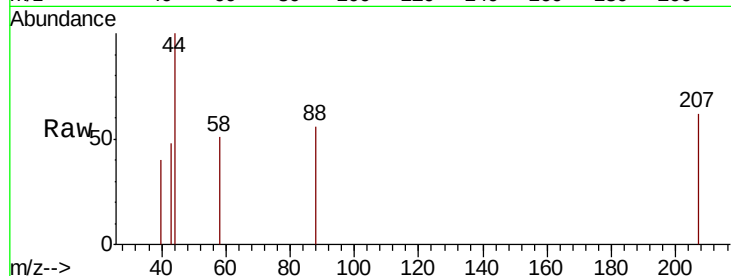




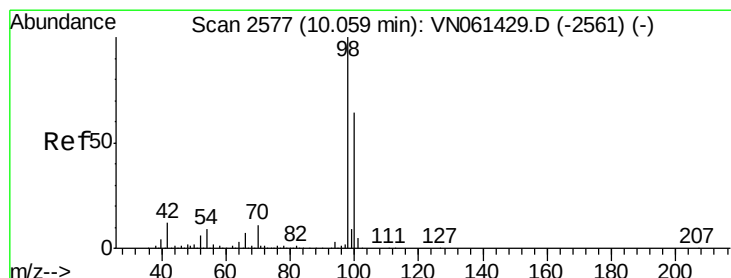
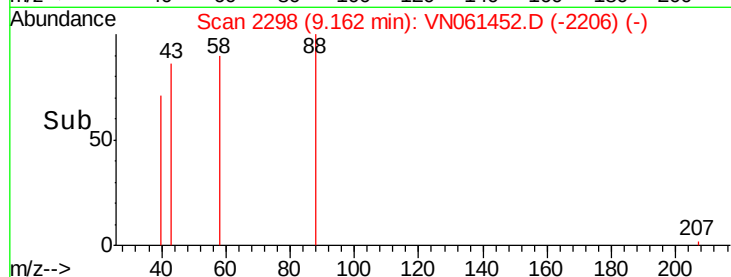
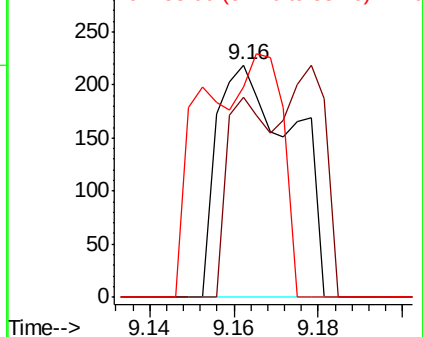
#49
1,4-Dioxane
Concen: Below Cal
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061452.D
Acq: 19 May 2020 1:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 275
Ion Ratio Lower Upper
88 100
43 48.0 26.3 39.5#
58 58.2 54.1 81.1

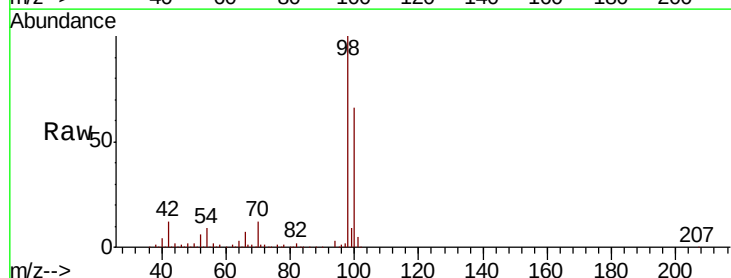


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

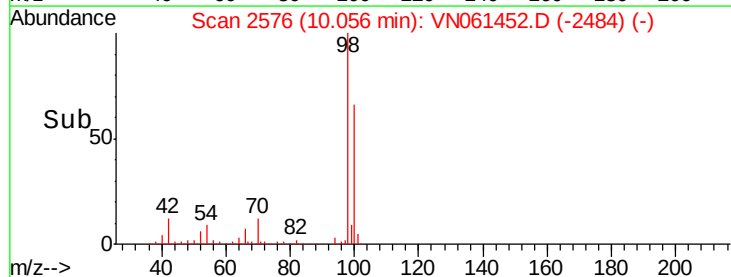
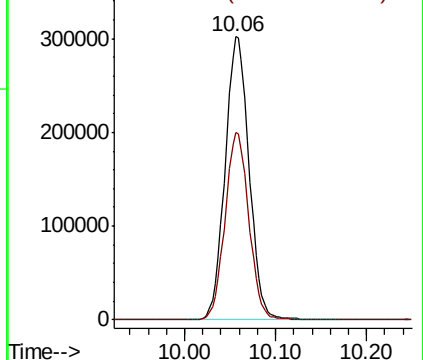


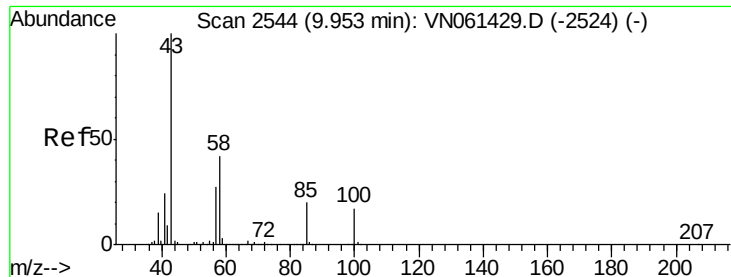
#50
Toluene-d8
Concen: 52.052 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN061452.D
Acq: 19 May 2020 1:05

Tgt Ion: 98 Resp: 553380
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.8



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

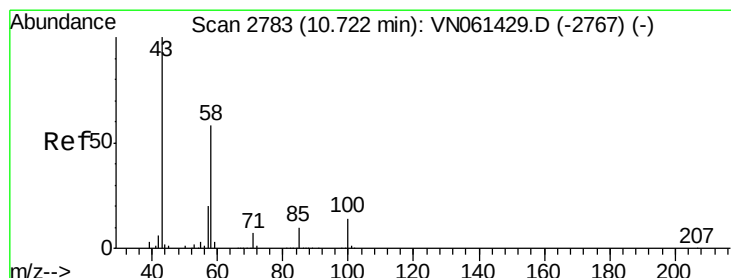
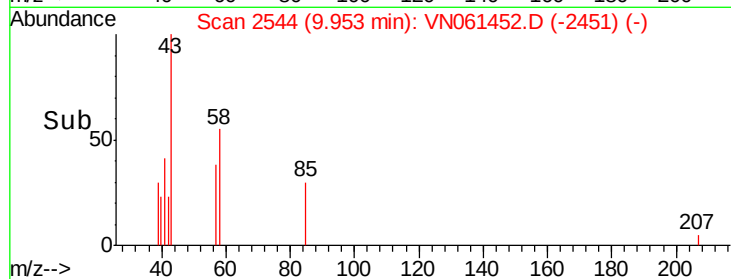
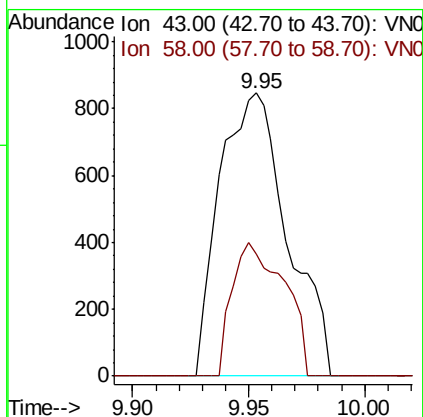
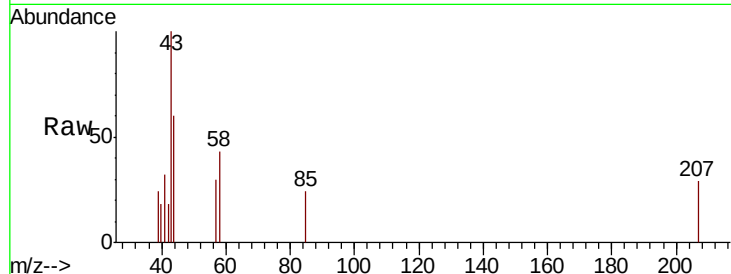




#51
 4-Methyl-2-Pentanone
 Concen: 0.490 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN061452.D
 Acq: 19 May 2020 1:05

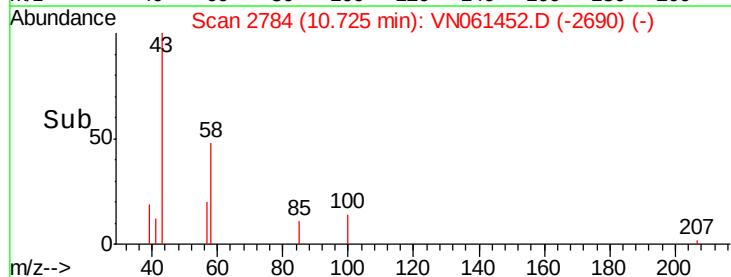
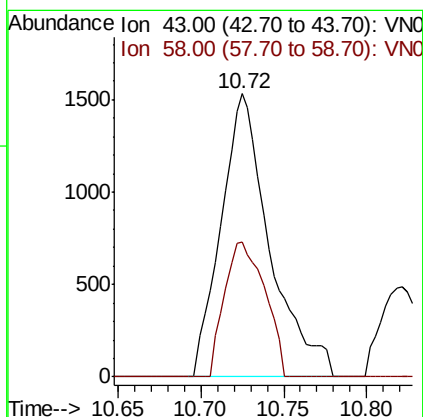
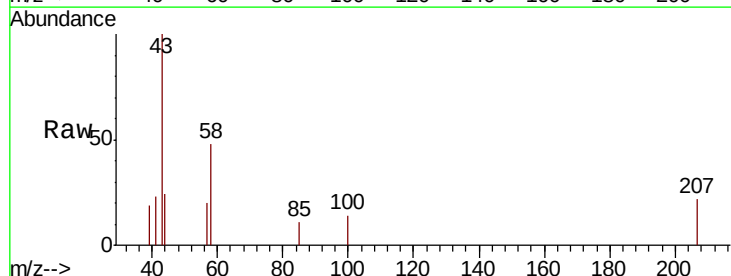
Instrument :
 MSVOA_N
 ClientSampled :

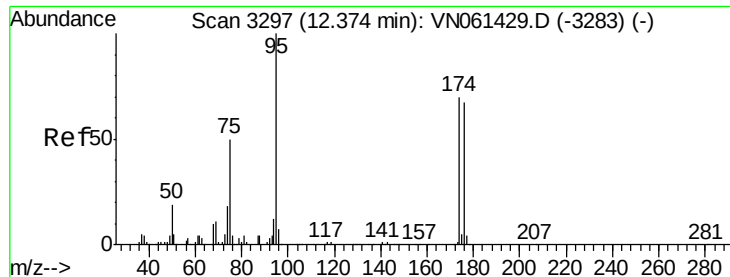
Tot Ion: 43 Resp: 1726
 Ion Ratio Lower Upper
 43 100
 58 36.2 33.4 50.2



#59
 2-Hexanone
 Concen: 1.228 ug/l
 RT: 10.72 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: VN061452.D
 Acq: 19 May 2020 1:05

Tgt Ion: 43 Resp: 3133
 Ion Ratio Lower Upper
 43 100
 58 39.4 29.2 87.6





#62

4-Bromofluorobenzene

Concen: 52.345 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

Instrument :

MSVOA_N

ClientSampleId :

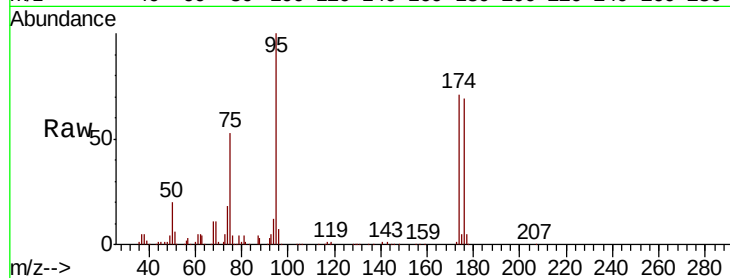
Tot Ion: 95 Resp: 207907

Ion Ratio Lower Upper

95 100

174 71.5 0.0 141.2

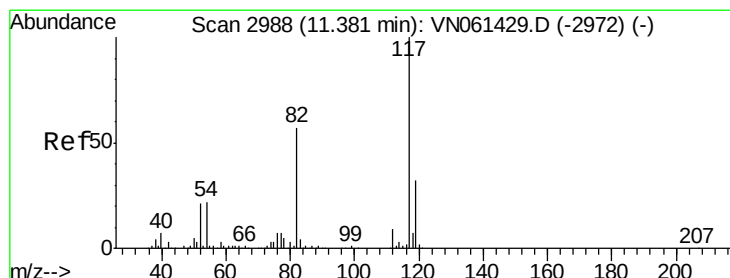
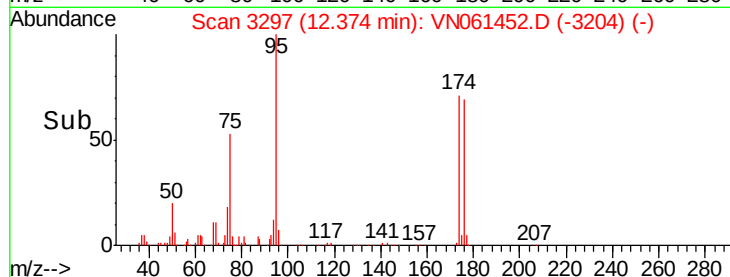
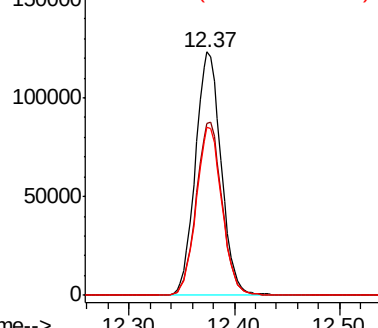
176 69.0 0.0 137.6



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# 2987

Delta R.T. -0.00 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

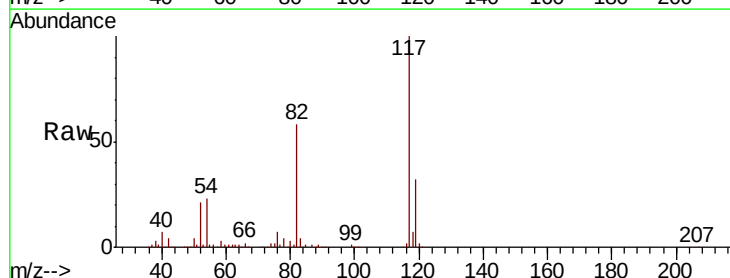
Tgt Ion: 117 Resp: 425487

Ion Ratio Lower Upper

117 100

82 57.5 45.2 67.8

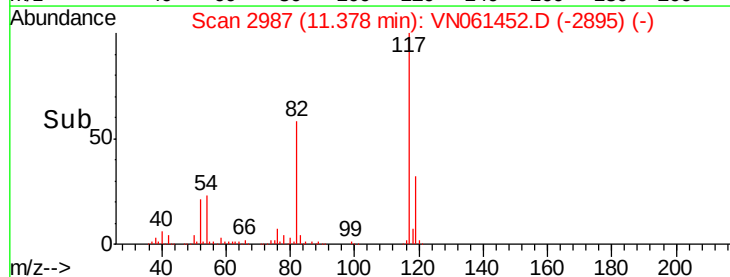
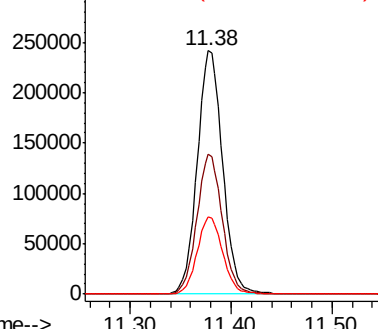
119 31.6 25.3 37.9

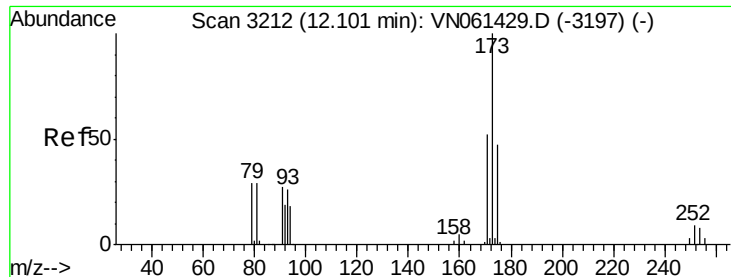


Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

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: 2.625 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.27 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

Instrument :

MSVOA_N

ClientSampled :

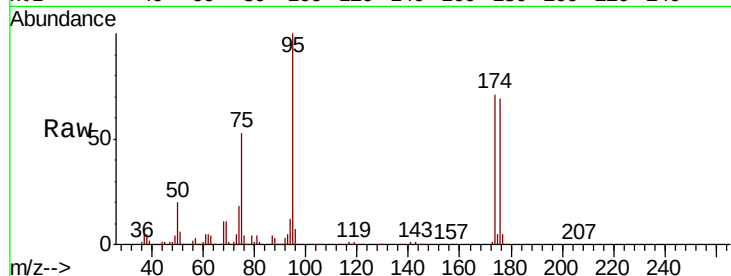
Tot Ion:173 Resp: 1525

Ion Ratio Lower Upper

173 100

175 620.9 23.9 71.8#

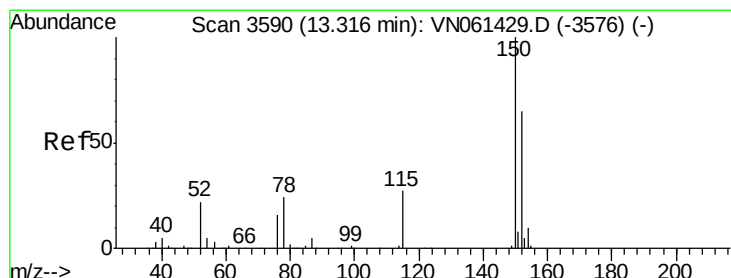
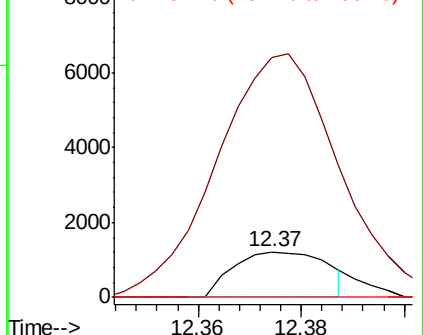
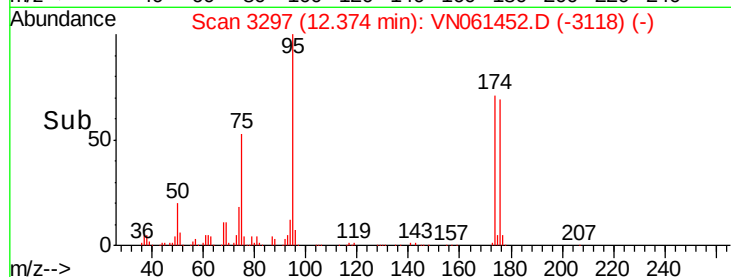
254 0.0 0.0 0.0



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: VN061452.D

Acq: 19 May 2020 1:05

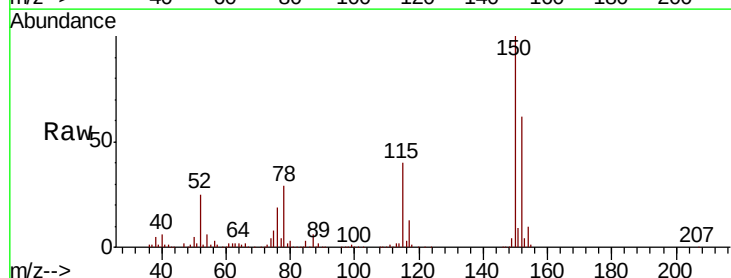
Tgt Ion:152 Resp: 179297

Ion Ratio Lower Upper

152 100

115 61.8 30.9 92.5

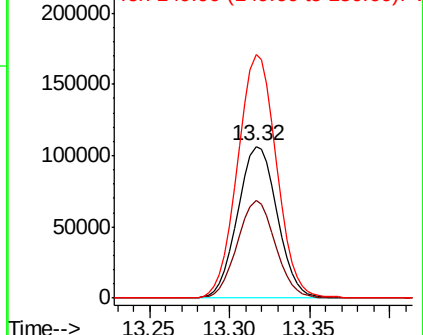
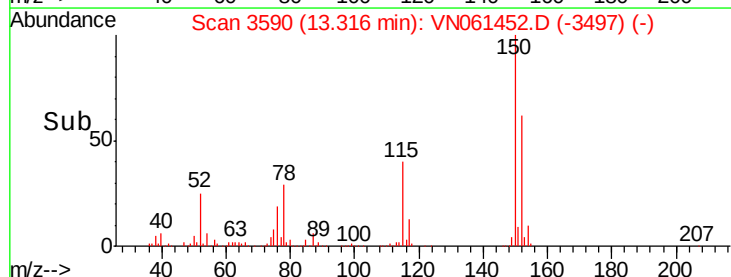
150 158.0 0.0 349.2

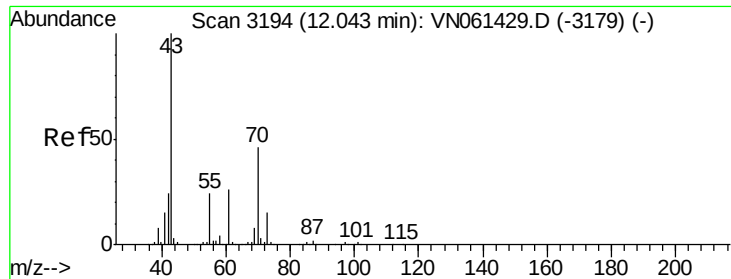


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

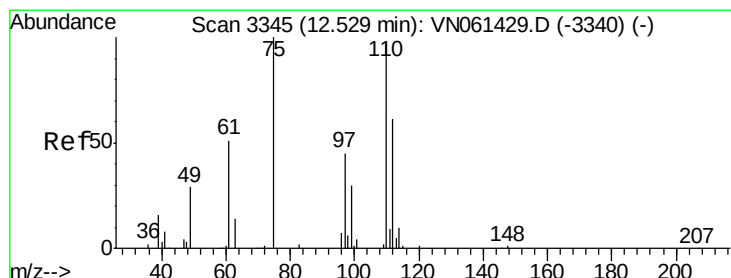
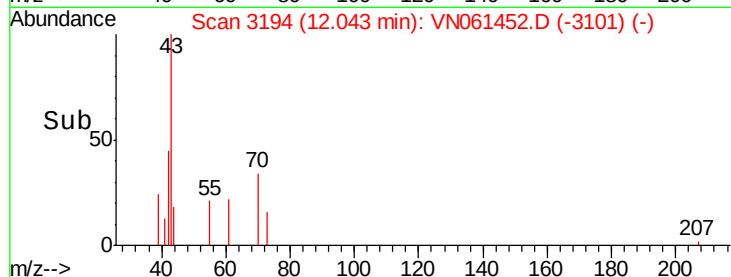
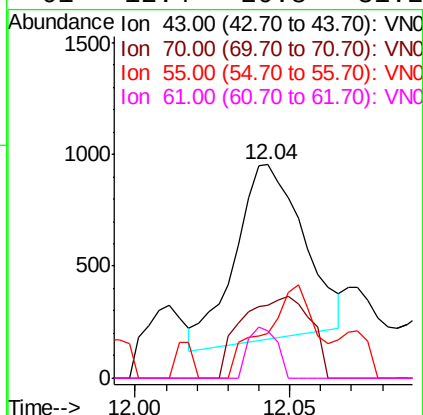
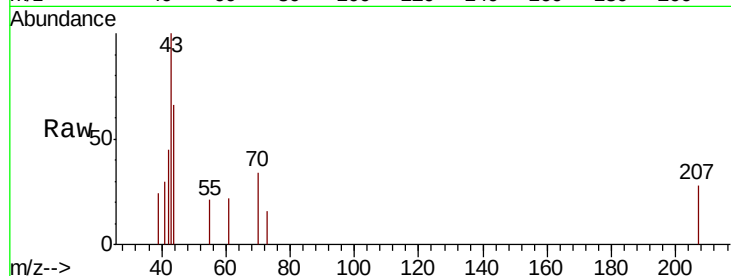




#74
N-amvl acetate
Concen: 0.229 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. 0.00 min
Lab File: VN061452.D
Acq: 19 May 2020 1:05

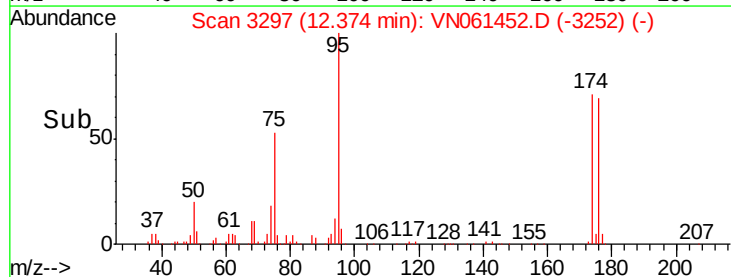
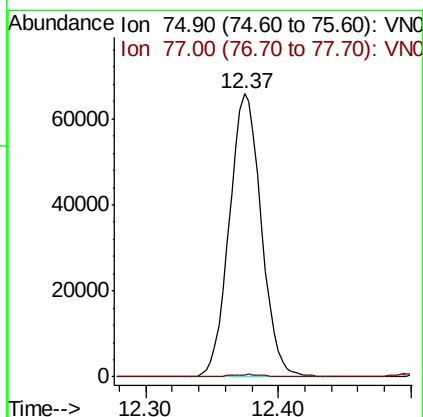
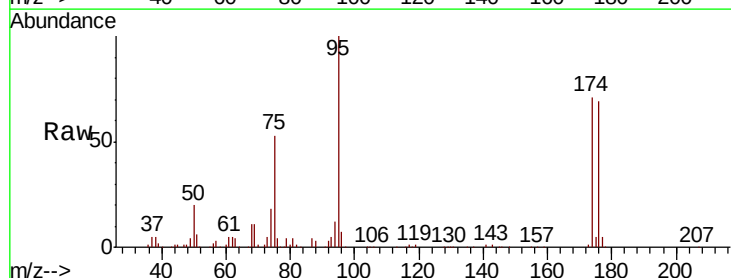
Instrument :
MSVOA_N
ClientSampled :

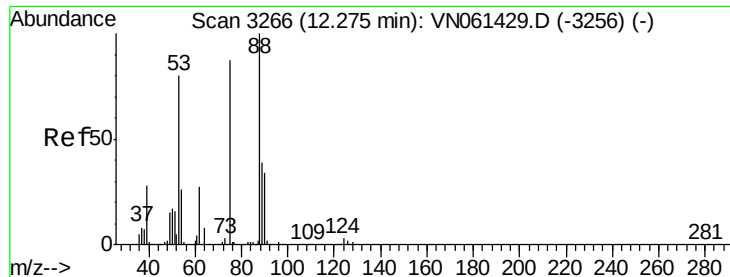
Tot Ion:	43	Resp:	1207
Ion	Ratio	Lower	Upper
43	100		
70	46.7	37.0	55.4
55	39.3	19.5	29.3#
61	12.4	20.8	31.2#



#76
1,2,3-Trichloropropane
Concen: 28.682 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.15 min
Lab File: VN061452.D
Acq: 19 May 2020 1:05

Tgt Ion:	75	Resp:	110347
Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 76.087 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.10 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

Instrument :

MSVOA_N

ClientSampleId :

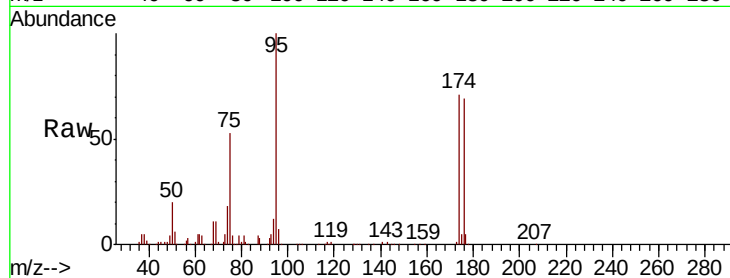
Tot Ion: 75 Resp: 110347

Ion Ratio Lower Upper

75 100

53 0.0 75.2 112.8#

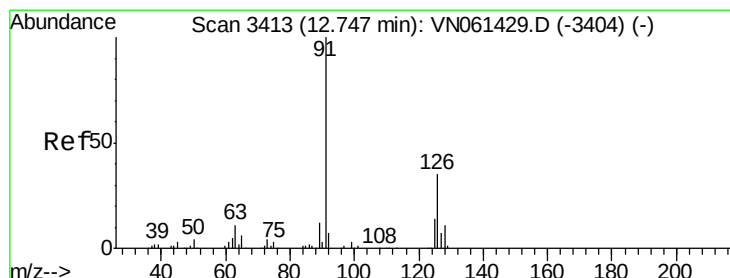
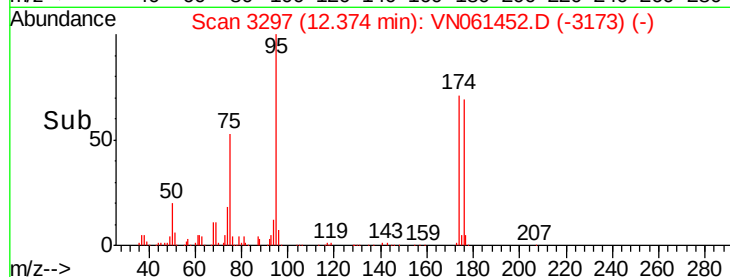
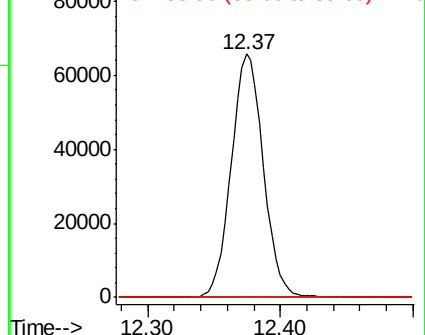
89 0.0 38.2 57.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.229 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061452.D

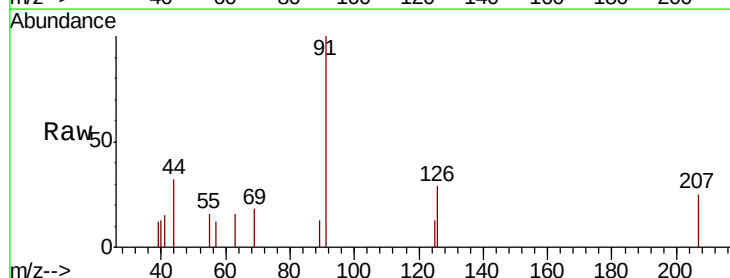
Acq: 19 May 2020 1:05

Tgt Ion: 91 Resp: 2300

Ion Ratio Lower Upper

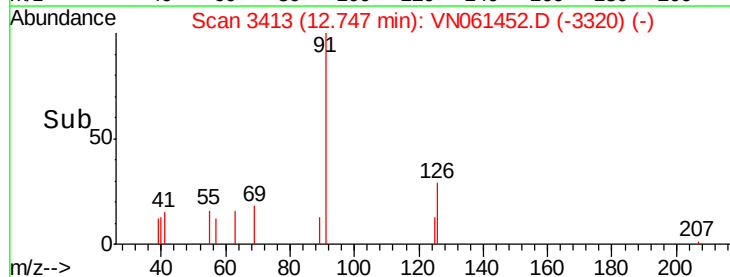
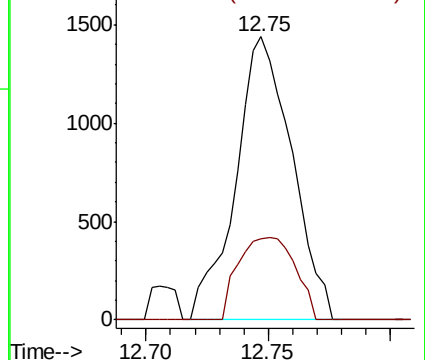
91 100

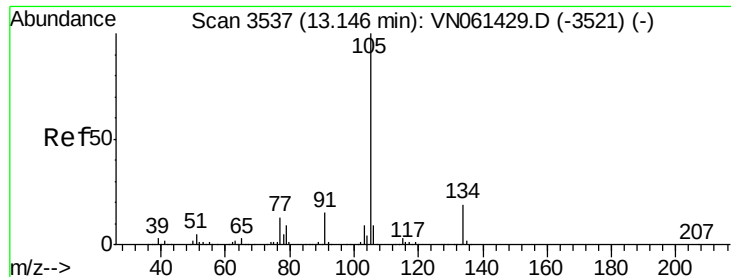
126 29.5 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#85

sec-Butylbenzene

Concen: 0.320 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

Instrument :

MSVOA_N

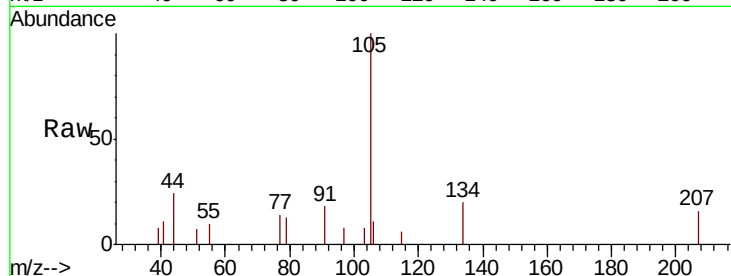
ClientSampled :

Tot Ion:105 Resp: 4365

Ion Ratio Lower Upper

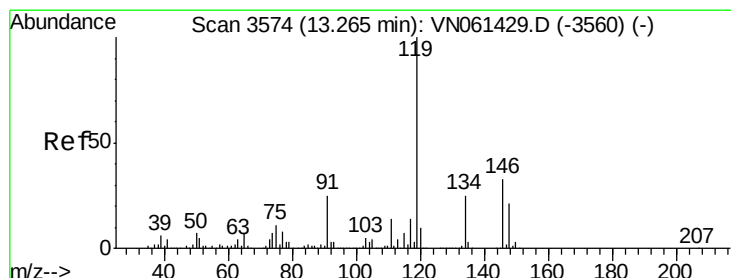
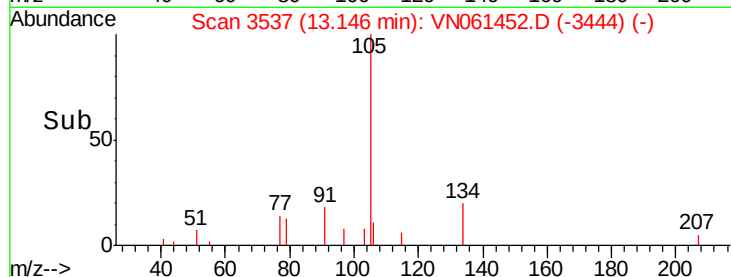
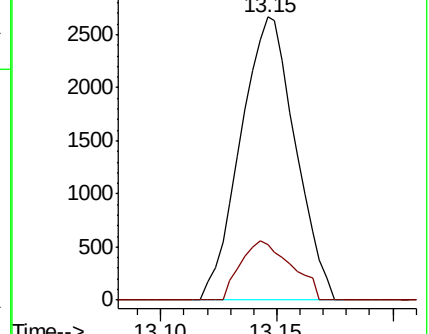
105 100

134 19.3 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.302 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

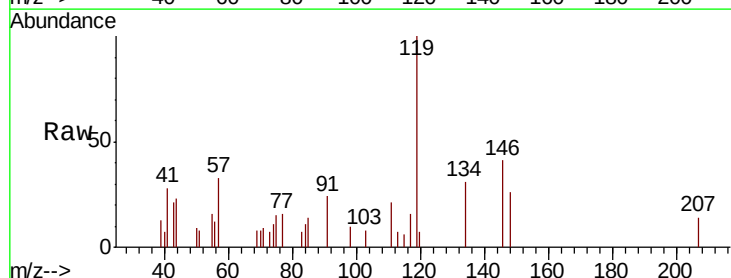
Tgt Ion:119 Resp: 3658

Ion Ratio Lower Upper

119 100

134 27.5 12.7 38.1

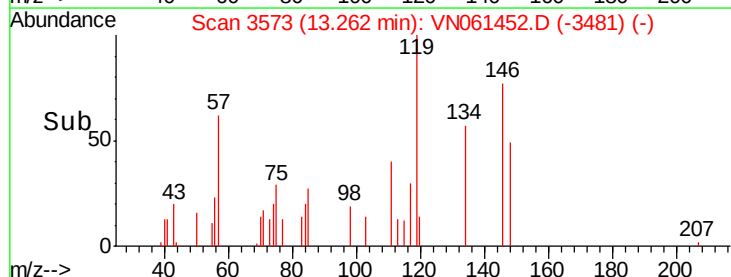
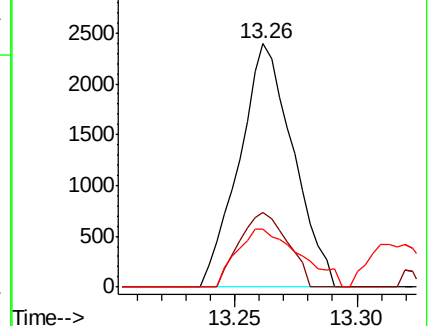
91 28.0 12.6 37.6

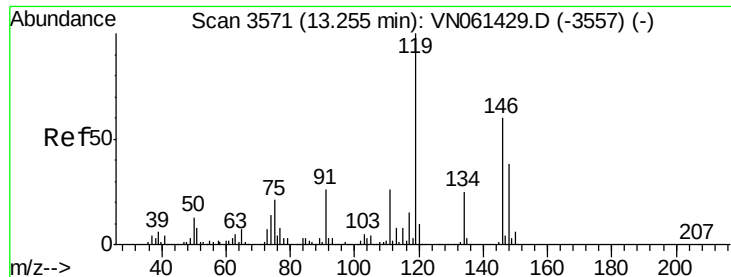


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

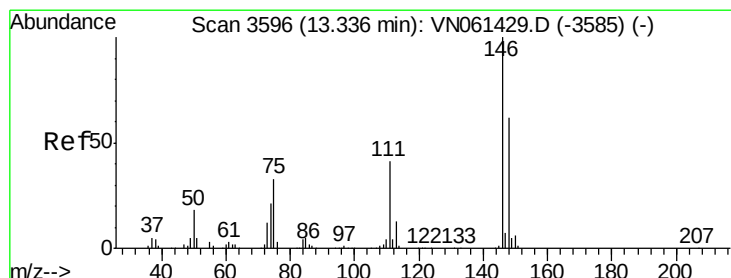
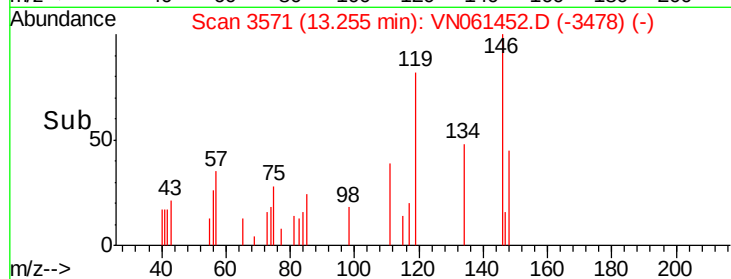
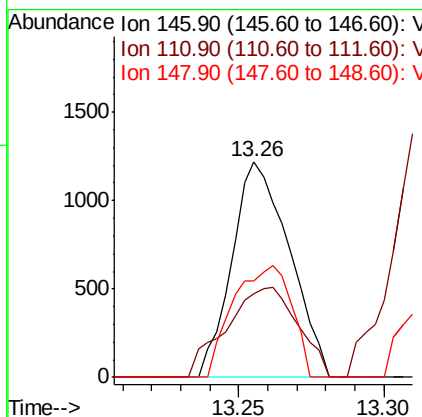
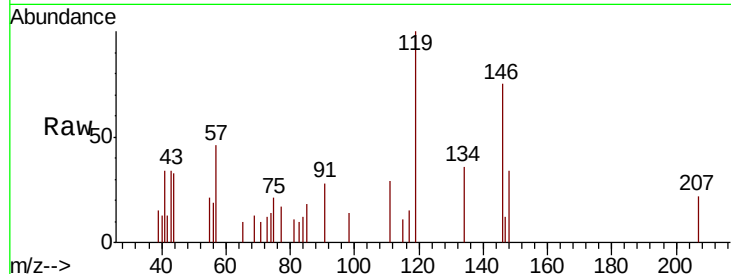




#87
 1,3-Dichlorobenzene
 Concen: 0.293 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VN061452.D
 Acq: 19 May 2020 1:05

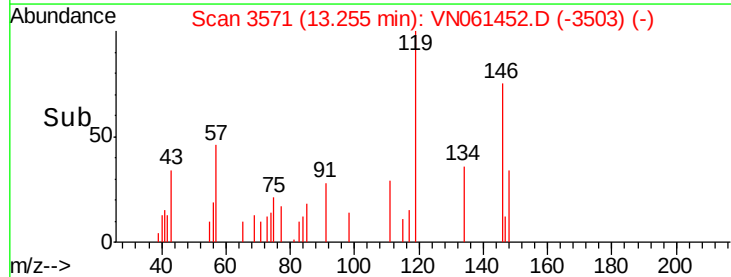
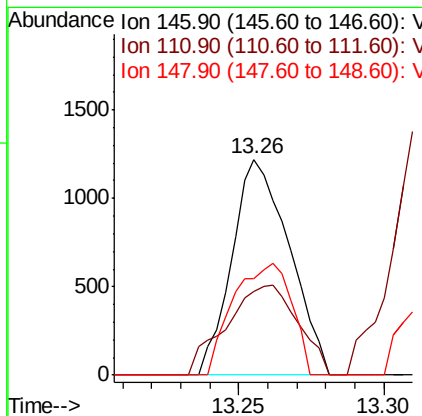
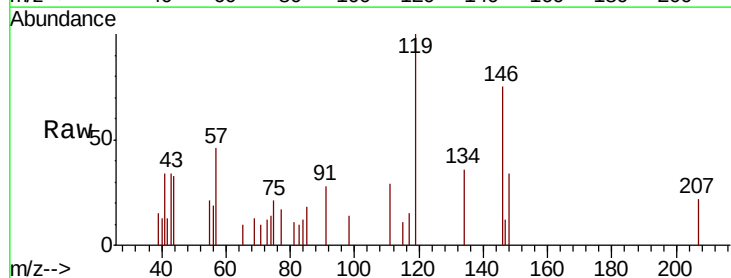
Instrument :
 MSVOA_N
 ClientSampled :

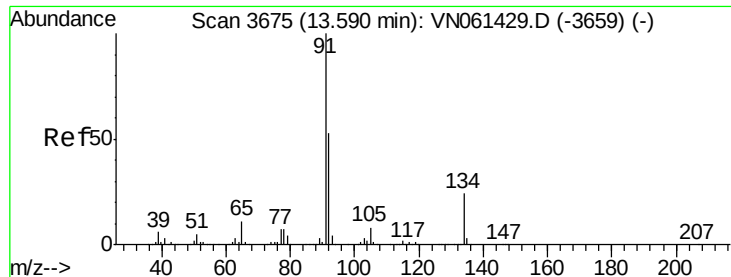
Tot Ion:146 Resp: 1675
 Ion Ratio Lower Upper
 146 100
 111 52.4 21.5 64.5
 148 52.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.293 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.08 min
 Lab File: VN061452.D
 Acq: 19 May 2020 1:05

Tgt Ion:146 Resp: 1675
 Ion Ratio Lower Upper
 146 100
 111 52.4 20.8 62.5
 148 52.8 31.6 94.8





#89

n-Butylbenzene

Concen: 0.572 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

Instrument :

MSVOA_N

ClientSampleId :

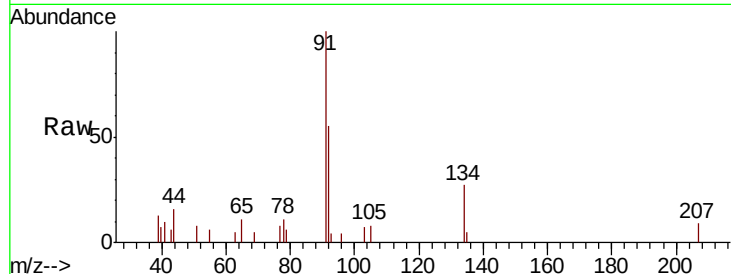
Tot Ion: 91 Resp: 6302

Ion Ratio Lower Upper

91 100

92 53.6 26.8 80.3

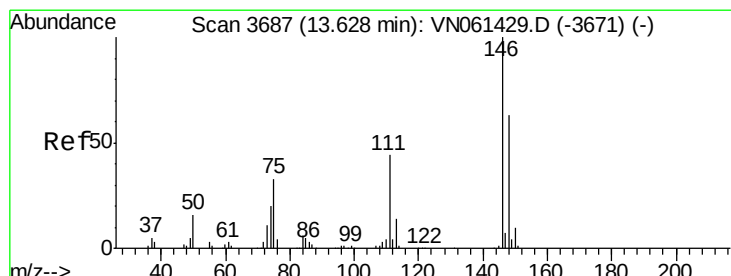
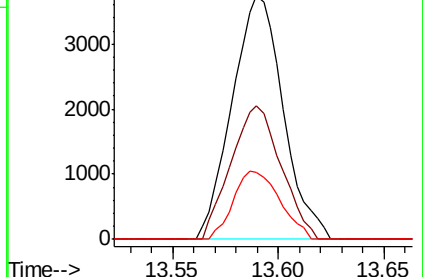
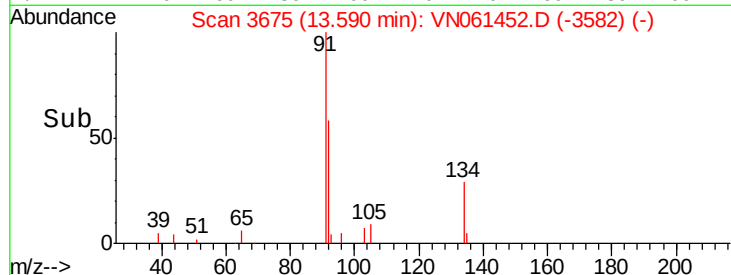
134 25.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN061429.D (-3659) (-)

Ion 92.00 (91.70 to 92.70): VN061429.D (-3659) (-)

Ion 134.00 (133.70 to 134.70): VN061429.D (-3659) (-)



#91

1,2-Dichlorobenzene

Concen: 0.313 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

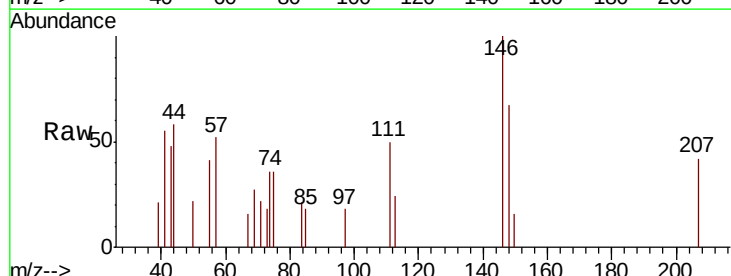
Tgt Ion: 146 Resp: 1719

Ion Ratio Lower Upper

146 100

111 52.1 21.9 65.7

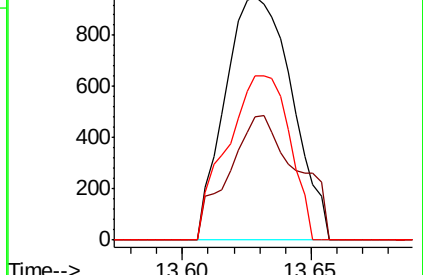
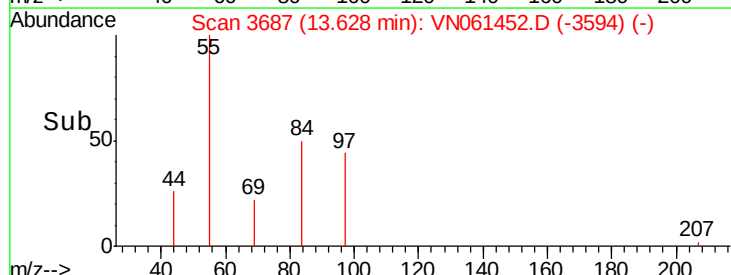
148 63.0 31.6 94.7

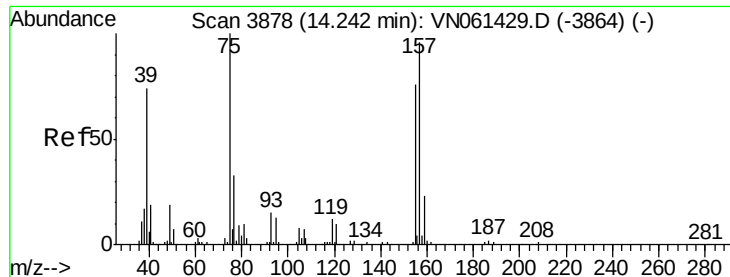


Abundance Ion 145.90 (145.60 to 146.60): VN061429.D (-3671) (-)

Ion 110.90 (110.60 to 111.60): VN061429.D (-3671) (-)

Ion 147.90 (147.60 to 148.60): VN061429.D (-3671) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.365 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. 0.01 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

Instrument :

MSVOA_N

ClientSampleId :

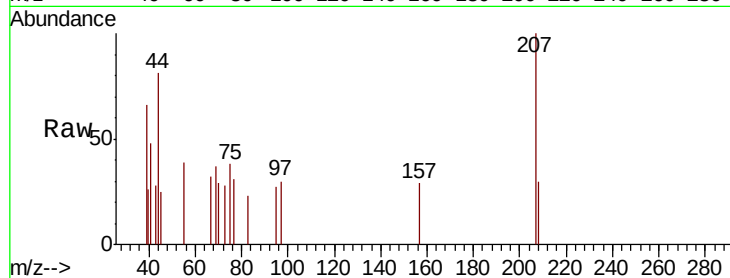
Tot Ion: 75 Resp: 292

Ion Ratio Lower Upper

75 100

155 48.6 38.9 116.7

157 34.9 48.6 145.8#

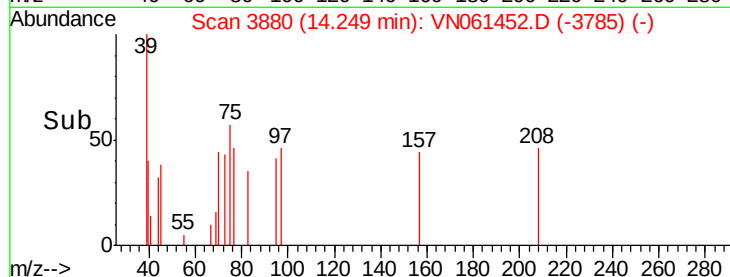


Abundance Ion 74.90 (74.60 to 75.60): VN0

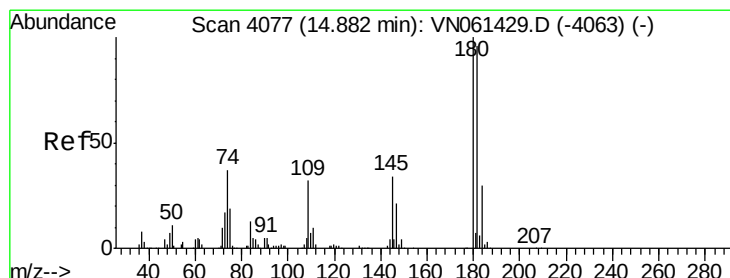
Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

Time-->



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.108 ug/l

RT: 14.89 min Scan# 4078

Delta R.T. 0.00 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

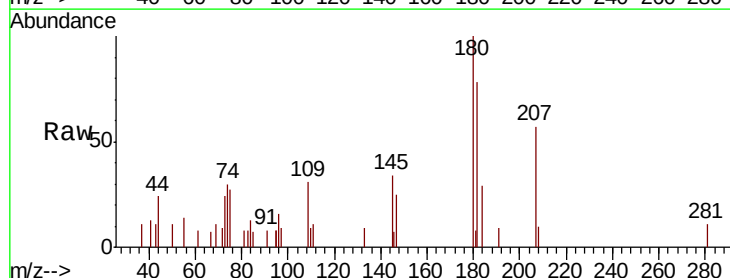
Tgt Ion: 180 Resp: 3295

Ion Ratio Lower Upper

180 100

182 87.8 47.0 141.0

145 38.4 16.7 50.0

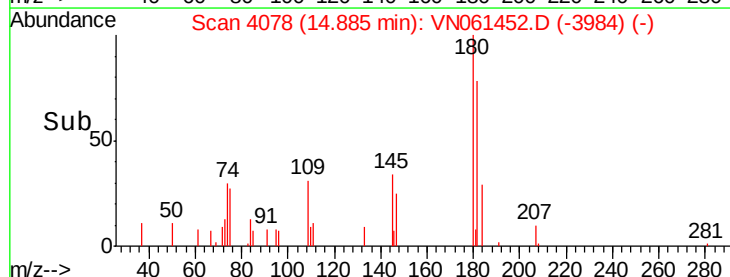


Abundance Ion 179.80 (179.50 to 180.50): V

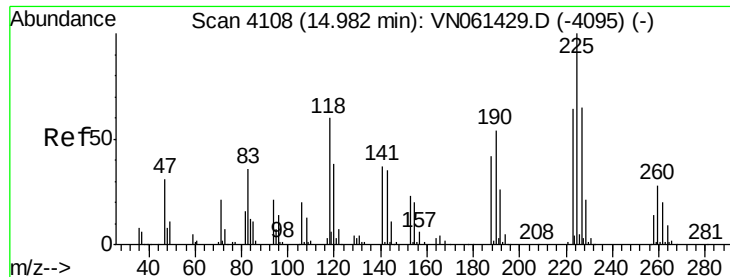
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

Time-->



Time-->



#94

Hexachlorobutadiene

Concen: 1.808 ug/l

RT: 14.98 min Scan# 4107

Delta R.T. -0.00 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

Instrument :

MSVOA_N

ClientSampled :

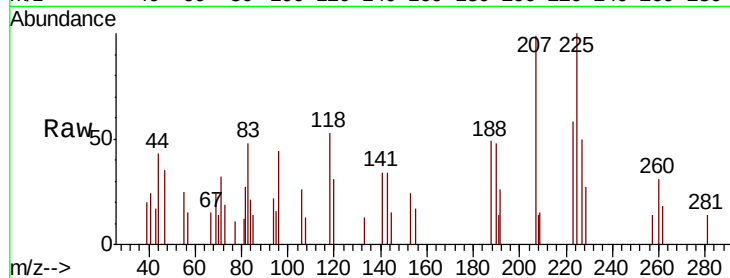
Tot Ion:225 Resp: 2389

Ion Ratio Lower Upper

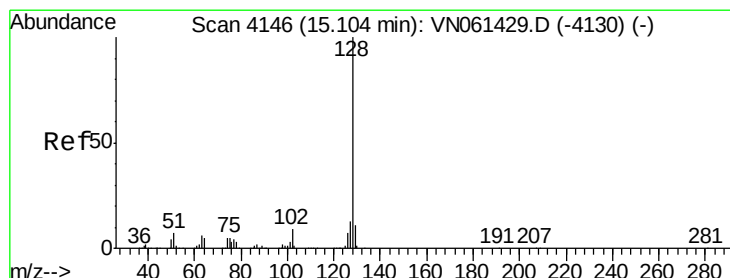
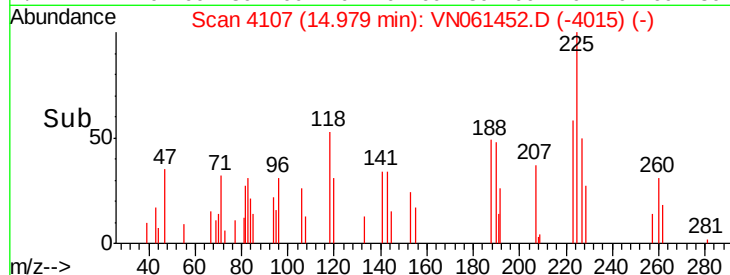
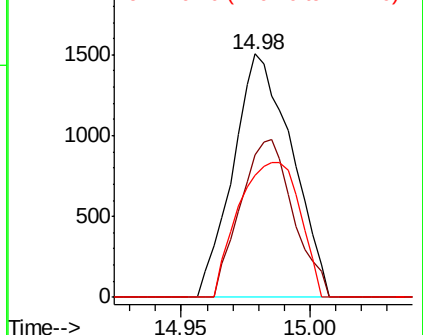
225 100

223 58.4 31.9 95.7

227 58.1 31.5 94.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 1.660 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

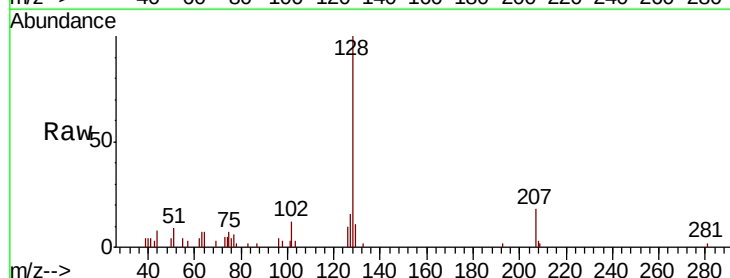
Tgt Ion:128 Resp: 15692

Ion Ratio Lower Upper

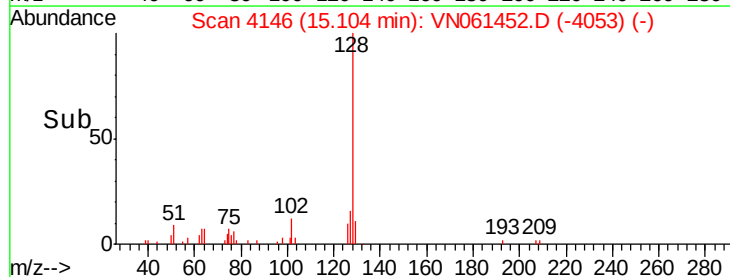
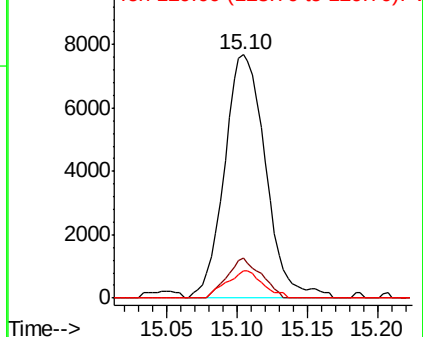
128 100

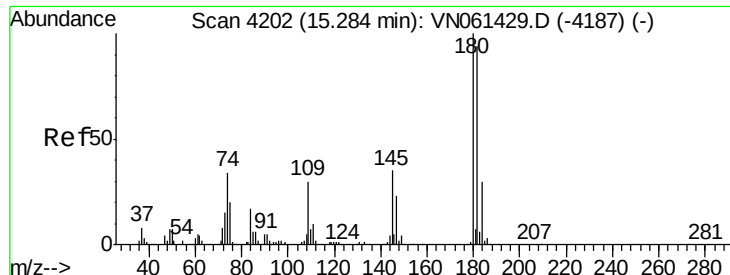
127 13.5 10.1 15.1

129 10.0 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: 1.205 ug/l
 RT: 15.29 min Scan# 4203
 Delta R.T. 0.00 min
 Lab File: VN061452.D
 Acq: 19 May 2020 1:05

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.8	143.3
145	37.7	17.3	51.9

