

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061437.D
 Acq On : 18 May 2020 16:17
 Operator : JC/MD
 Sample : L2501-01ME
 Misc : 6.72g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 18 16:54:03 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	234676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	424047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	311822	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	168488	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
35) Dibromofluoromethane	7.54	113	108156	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
50) Toluene-d8	10.06	98	545300	52.92	ug/l	0.00
Spiked Amount			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.38	95	278174	72.26	ug/l	0.00
Spiked Amount			Recovery	=	144.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1836	0.577	ug/l #	86
5) Bromomethane	2.53	94	320	Below Cal	#	28
10) Methyl Iodide	3.90	142	3556	1.273	ug/l #	81
11) Tert butyl alcohol	4.69	59	175	0.434	ug/l #	73
13) Acrolein	3.56	56	233	Below Cal	#	64
15) Acrylonitrile	4.94	53	476	0.398	ug/l #	58
16) Acetone	3.79	43	1178	Below Cal		95
17) Carbon Disulfide	3.99	76	2252	Below Cal	#	75
18) Methyl Acetate	4.27	43	4058	0.632	ug/l #	68
25) 2-Butanone	6.80	43	5506	3.453	ug/l #	88
29) Tetrahydrofuran	7.17	42	550	0.521	ug/l #	73
31) Cyclohexane	7.62	56	6229	Below Cal	#	22
36) 1,1-Dichloropropene	7.62	75	20156	5.083	ug/l #	50
38) Carbon Tetrachloride	7.62	117	24752	6.779	ug/l #	15
39) Methylcyclohexane	9.04	83	12990	2.682	ug/l	93
49) 1,4-Dioxane	9.17	88	429	Below Cal		94
51) 4-Methyl-2-Pentanone	9.96	43	1924	0.563	ug/l #	72
52) Toluene	10.12	92	36520	4.761	ug/l	99
55) 1,1,2-Trichloroethane	10.50	97	31107	10.725	ug/l #	20
56) Ethyl methacrylate	10.40	69	8872	1.957	ug/l #	1
59) 2-Hexanone	10.69	43	53167	21.510	ug/l #	27
67) Ethyl Benzene	11.48	91	355925	23.059	ug/l	99
68) m/p-Xylenes	11.59	106	584050	99.687	ug/l	99
69) o-Xylene	11.92	106	443724	78.262	ug/l	98
70) Styrene	11.92	104	22866	2.435	ug/l #	1
71) Bromoform	12.38	173	1591	2.668	ug/l #	1
73) Isopropylbenzene	12.22	105	328558	13.125	ug/l	100
74) N-amyl acetate	12.02	43	270912	29.566	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.43	83	41766	6.064	ug/l #	25
76) 1,2,3-Trichloropropane	12.56	75	8125	1.214	ug/l #	100
78) n-propylbenzene	12.57	91	1469478	51.520	ug/l	99
79) 2-Chlorotoluene	12.63	91	456117	27.055	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	2550820	124.450	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.38	75	127058	50.375	ug/l #	12

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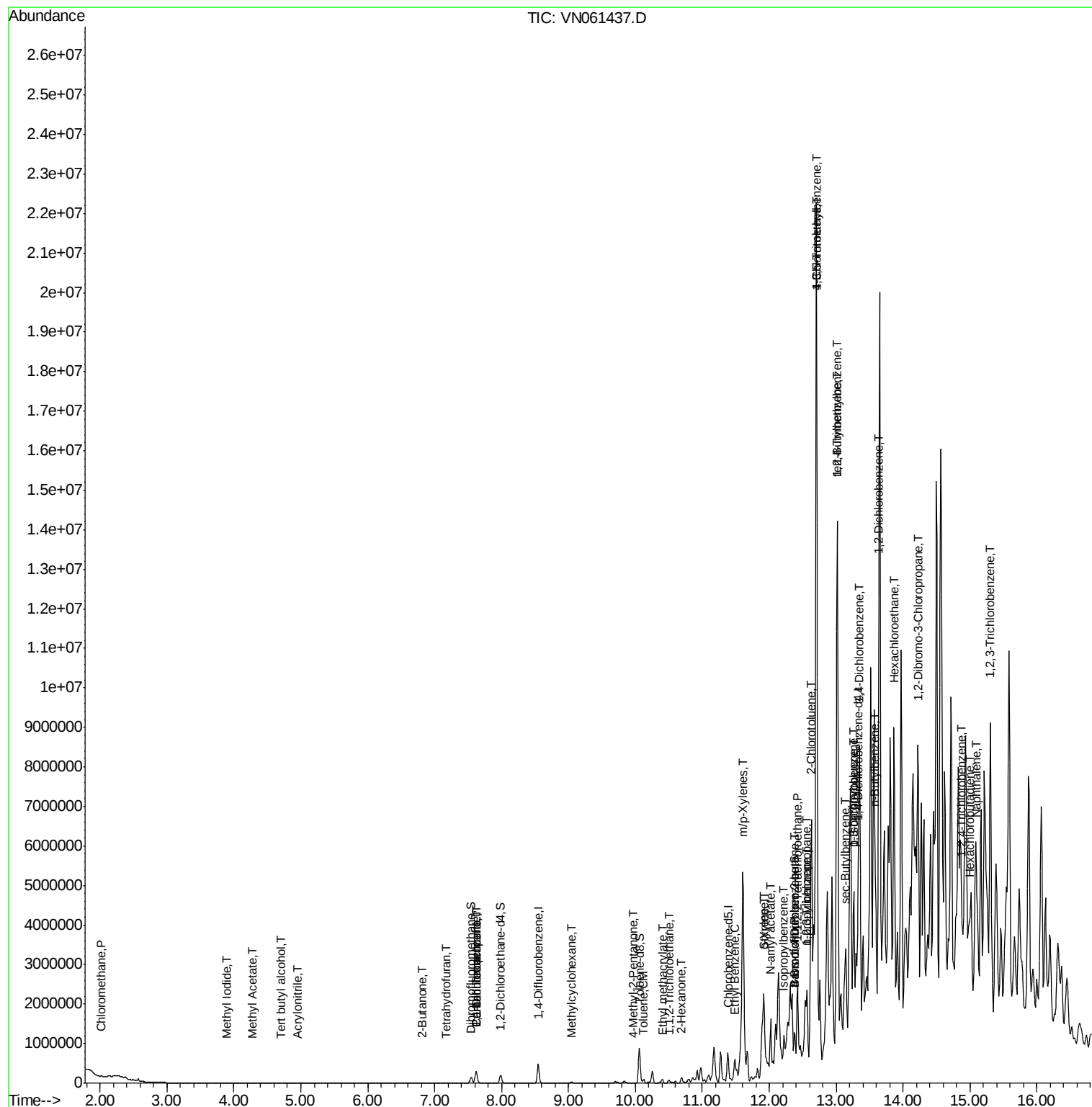
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.71	91	302307	17.318	ug/l #	49
83) tert-Butylbenzene	13.02	119	1049275	59.764	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.02	105	5932125	289.191	ug/l	73
85) sec-Butylbenzene	13.15	105	997424	42.013	ug/l	81
86) p-Isopropyltoluene	13.26	119	810548	38.449	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	3540	0.356	ug/l #	71
88) 1,4-Dichlorobenzene	13.34	146	4738	0.476	ug/l #	1
89) n-Butylbenzene	13.59	91	1649459	86.124	ug/l #	79
90) Hexachloroethane	13.87	117	314558	110.097	ug/l #	17
91) 1,2-Dichlorobenzene	13.63	146	3096	0.325	ug/l #	64
92) 1,2-Dibromo-3-Chloropropan	14.23	75	23767	17.084	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.88	180	11079	2.142	ug/l #	1
94) Hexachlorobutadiene	14.98	225	2921	1.271	ug/l	99
95) Naphthalene	15.10	128	562364	34.206	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.31	180	6783	1.318	ug/l #	1

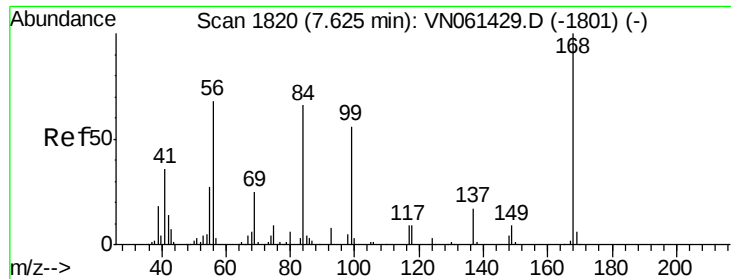
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

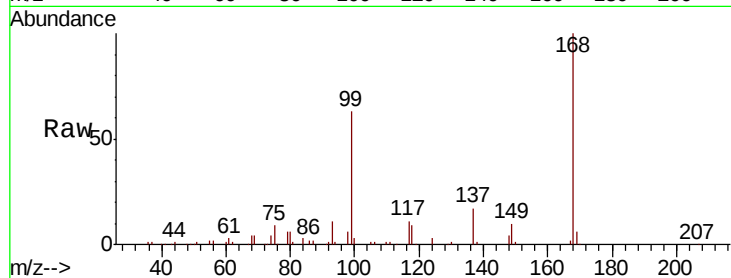
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 234676

Ion Ratio Lower Upper

168 100

99 62.6 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

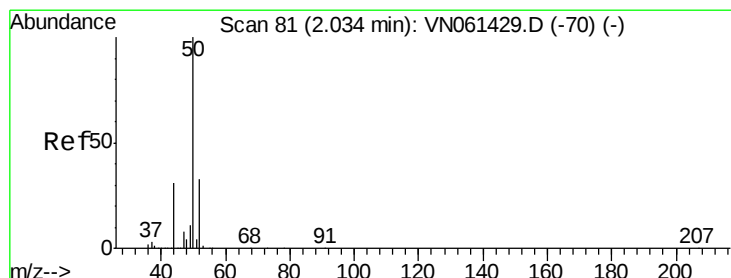
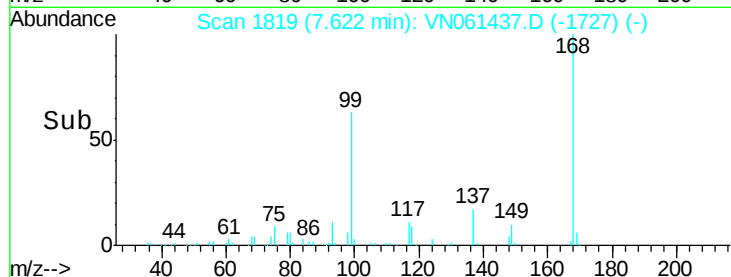
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.577 ug/l

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN061437.D

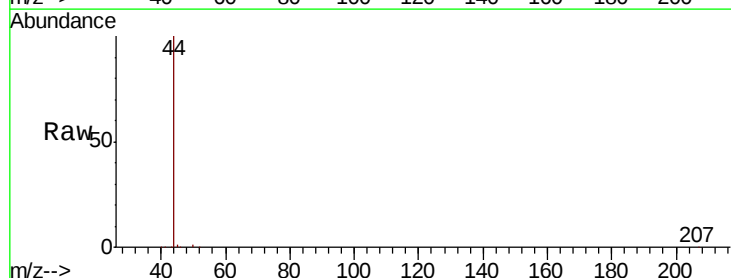
Acq: 18 May 2020 16:17

Tgt Ion: 50 Resp: 1836

Ion Ratio Lower Upper

50 100

52 41.2 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

1200

1000

800

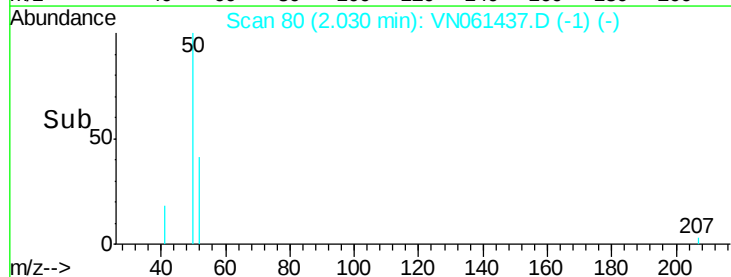
600

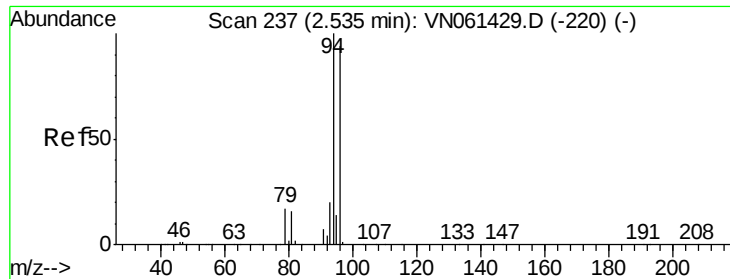
400

200

0

Time--> 2.00 2.05





#5

Bromomethane

Concen: Below Cal

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

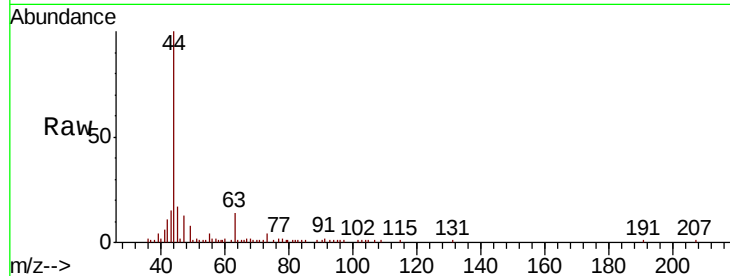
ClientSampled :

Tot Ion: 94 Resp: 320

Ion Ratio Lower Upper

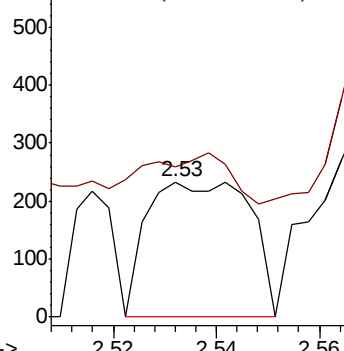
94 100

96 24.0 74.9 112.3#

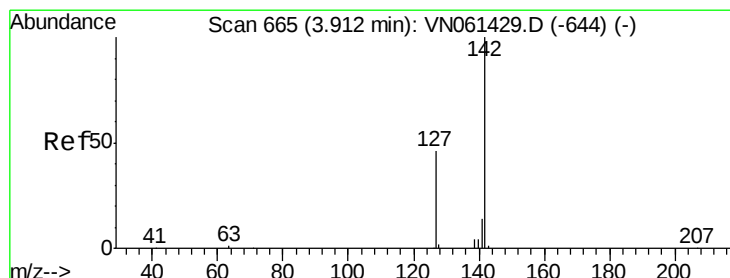
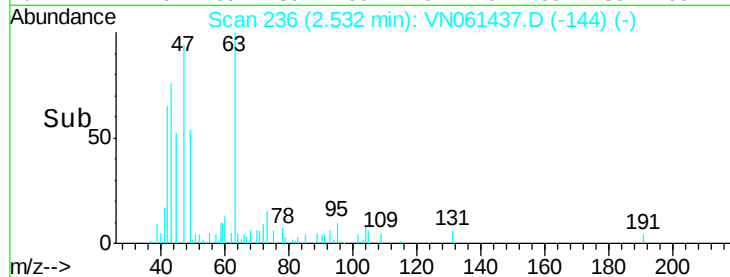


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



Time-->



#10

Methyl Iodide

Concen: 1.273 ug/l

RT: 3.90 min Scan# 662

Delta R.T. -0.01 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

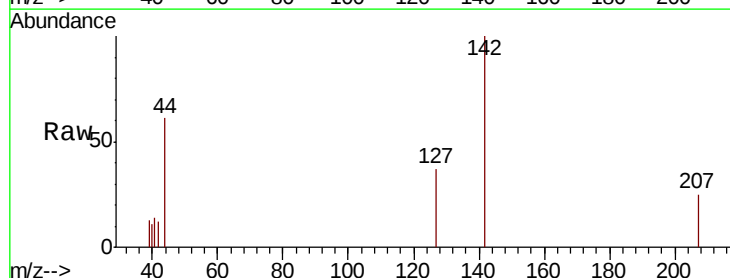
Tgt Ion: 142 Resp: 3556

Ion Ratio Lower Upper

142 100

127 35.7 36.7 55.1#

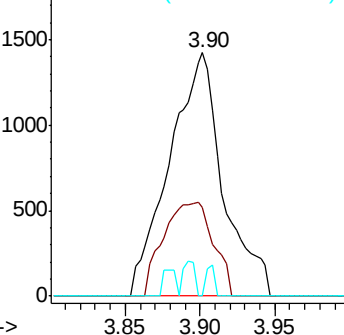
141 1.8 11.5 17.3#



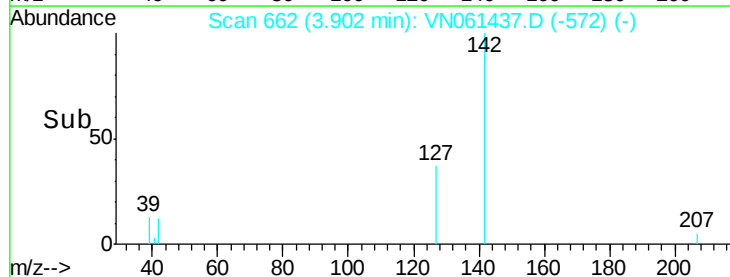
Abundance Ion 141.80 (141.50 to 142.50): V

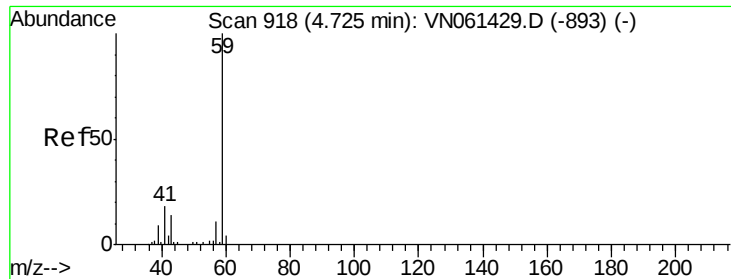
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->

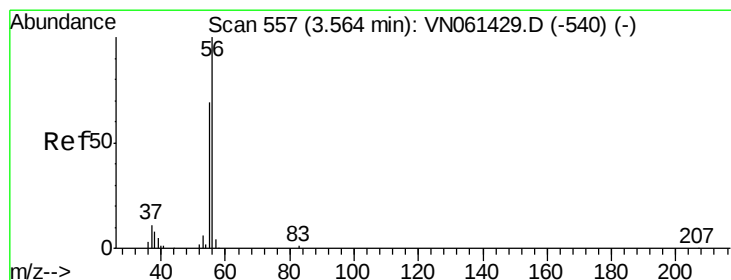
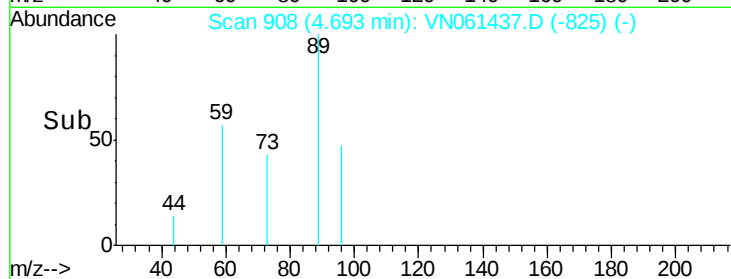
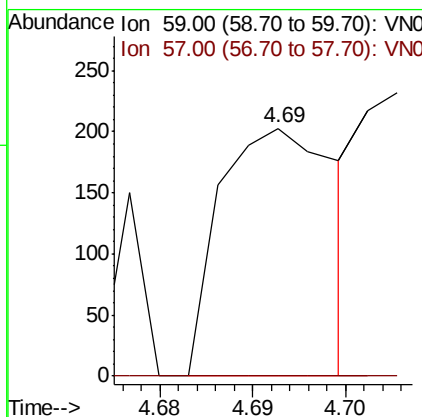
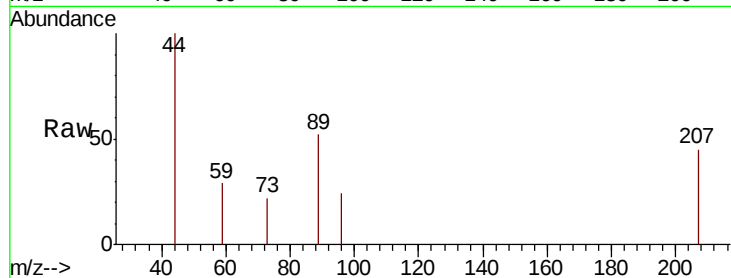




#11
Tert butyl alcohol
Concen: 0.434 ug/l
RT: 4.69 min Scan# 908
Delta R.T. -0.03 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

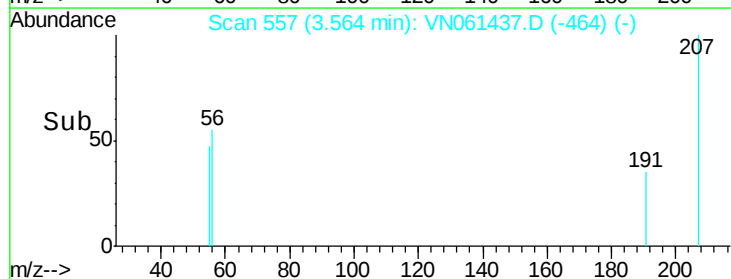
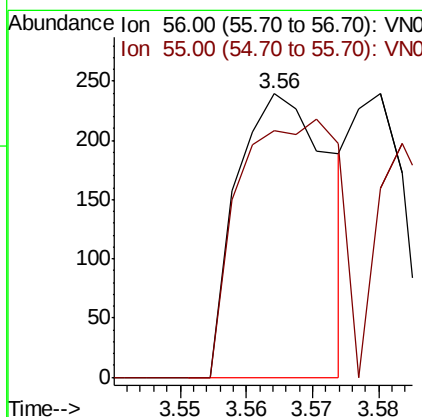
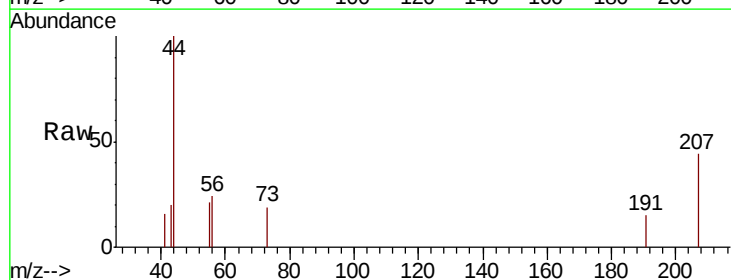
Instrument :
MSVOA_N
ClientSampled :

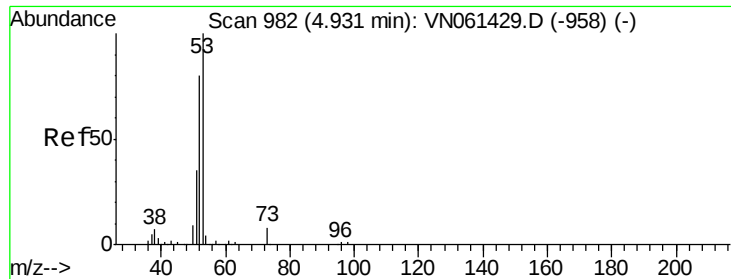
Tot Ion: 59 Resp: 175
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 3.56 min Scan# 557
Delta R.T. 0.00 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

Tgt Ion: 56 Resp: 233
Ion Ratio Lower Upper
56 100
55 97.4 54.8 82.2#





#15

Acrylonitrile

Concen: 0.398 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.01 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

ClientSampled :

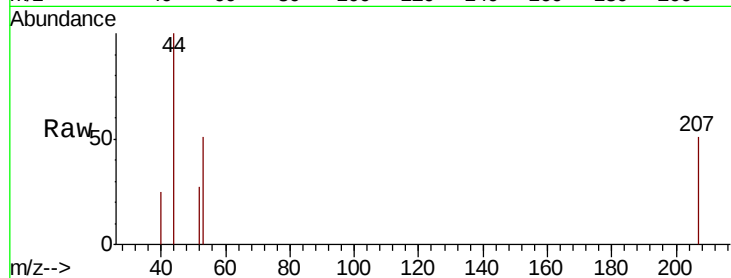
Tot Ion: 53 Resp: 476

Ion Ratio Lower Upper

53 100

52 52.1 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

4.94

300

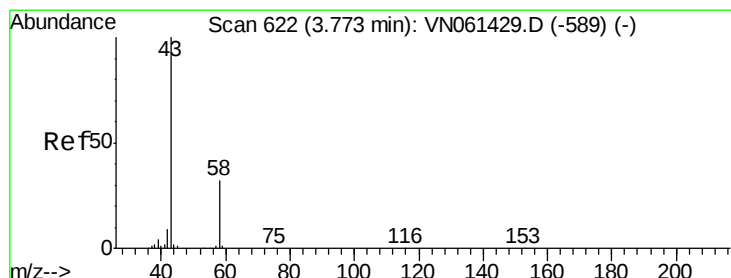
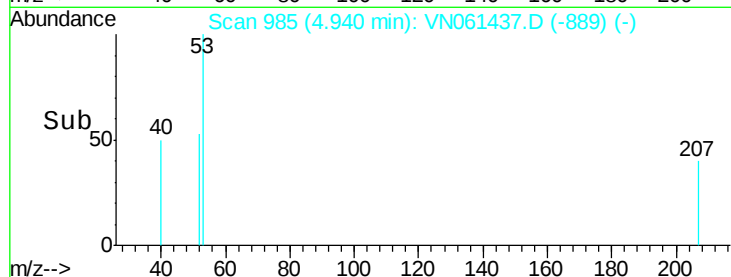
200

100

0

4.90 4.92 4.94 4.96

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061437.D

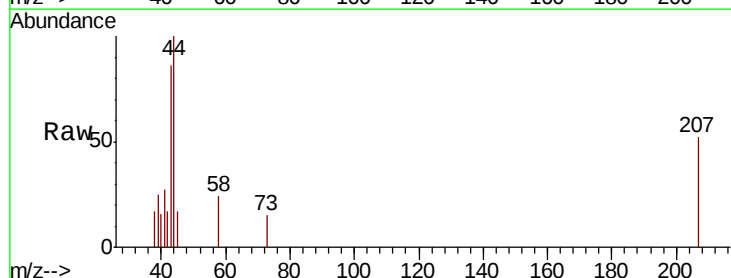
Acq: 18 May 2020 16:17

Tgt Ion: 43 Resp: 1178

Ion Ratio Lower Upper

43 100

58 34.9 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

1000

800

600

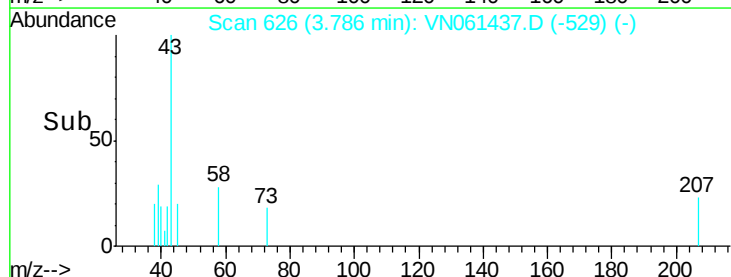
400

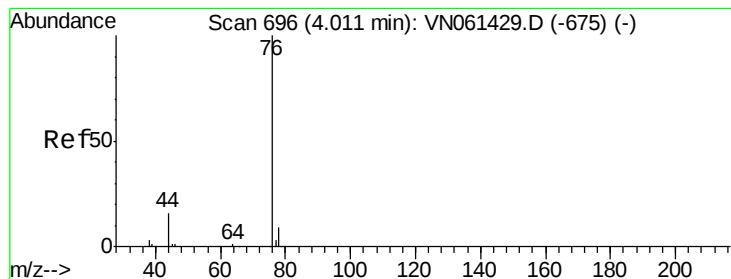
200

0

3.74 3.76 3.78 3.80

Time-->





#17

Carbon Disulfide

Concen: Below Cal

RT: 3.99 min Scan# 689

Delta R.T. -0.02 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

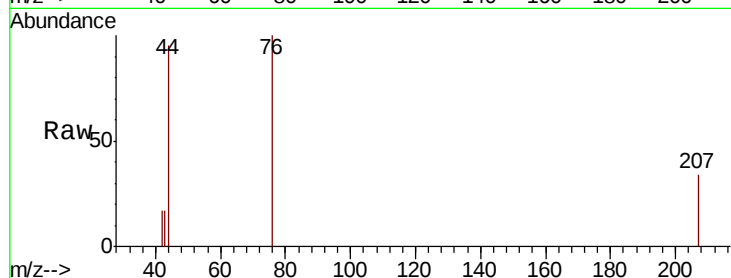
ClientSampled :

Tot Ion: 76 Resp: 2252

Ion Ratio Lower Upper

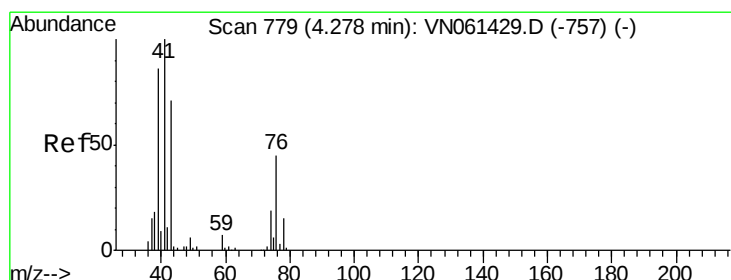
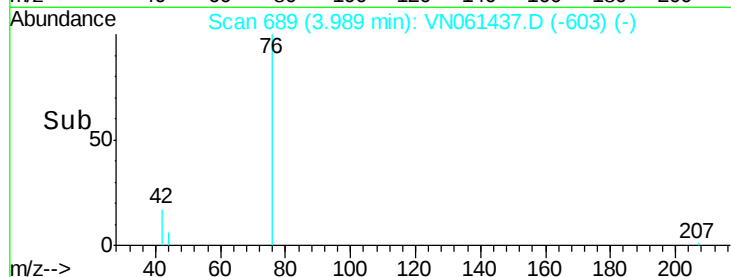
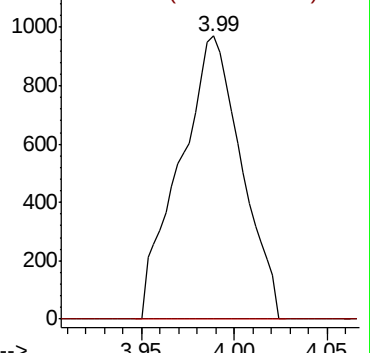
76 100

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: 0.632 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.01 min

Lab File: VN061437.D

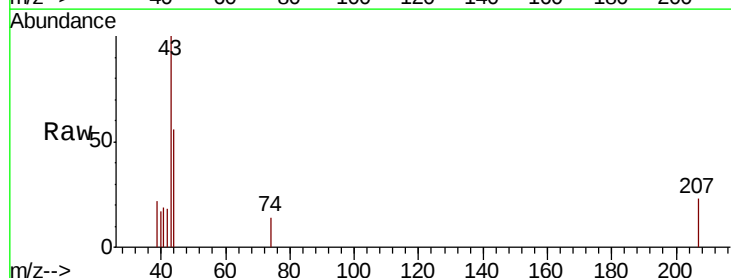
Acq: 18 May 2020 16:17

Tgt Ion: 43 Resp: 4058

Ion Ratio Lower Upper

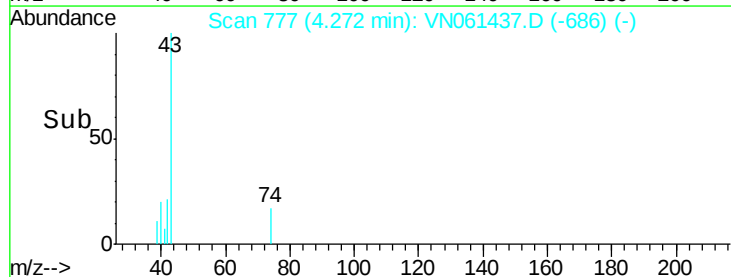
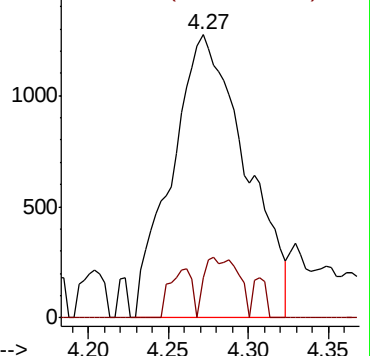
43 100

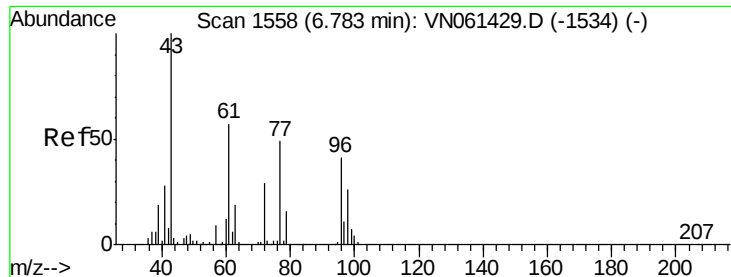
74 9.7 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

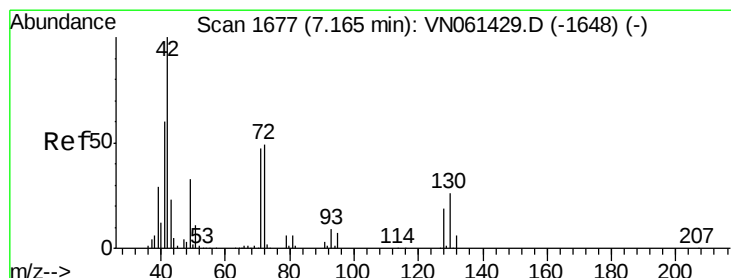
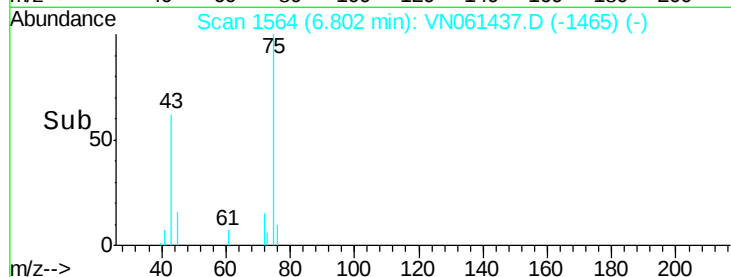
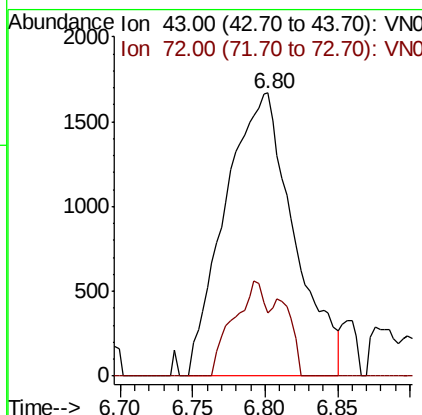
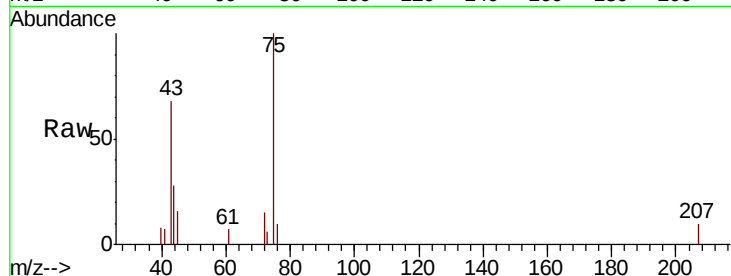




#25
2-Butanone
Concen: 3.453 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.02 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

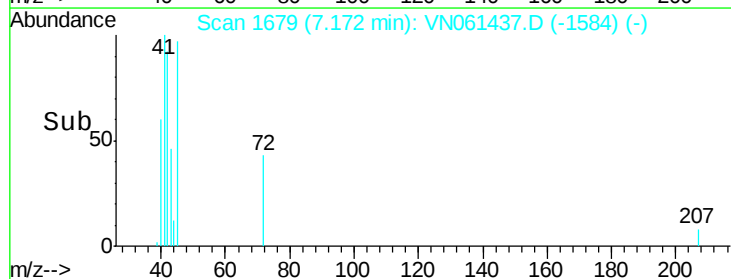
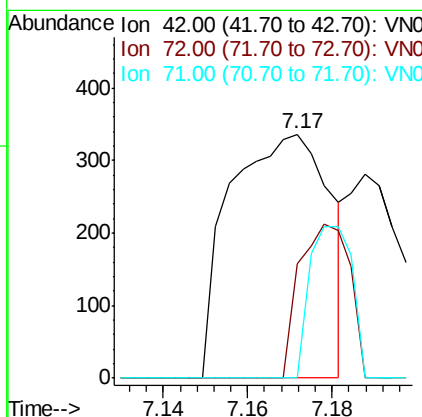
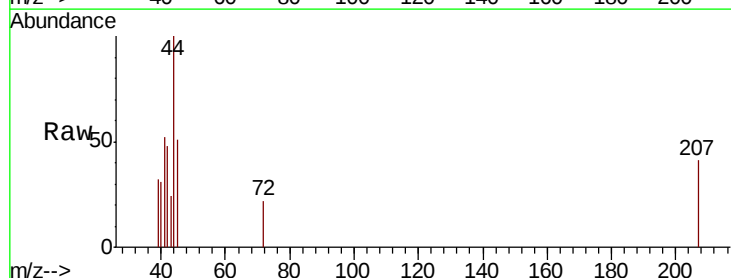
Instrument :
MSVOA_N
ClientSampleId :

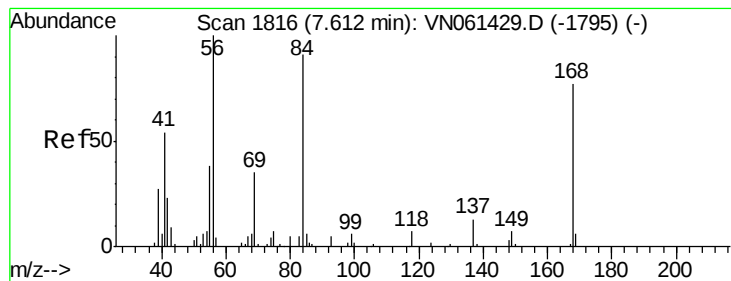
Tot Ion: 43 Resp: 5506
Ion Ratio Lower Upper
43 100
72 22.2 23.0 34.6#



#29
Tetrahydrofuran
Concen: 0.521 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.01 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

Tgt Ion: 42 Resp: 550
Ion Ratio Lower Upper
42 100
72 31.8 39.0 58.6#
71 26.5 36.9 55.3#





#31

Cyclohexane

Concen: Below Cal

RT: 7.62 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :

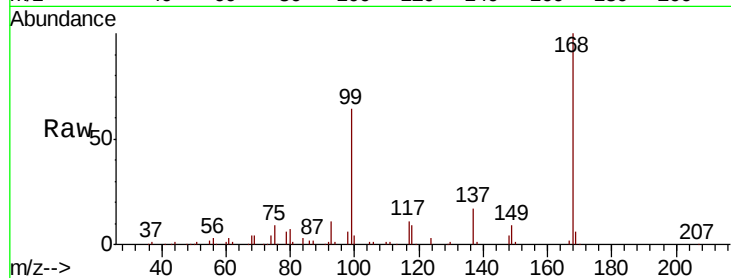
Tot Ion: 56 Resp: 6229

Ion Ratio Lower Upper

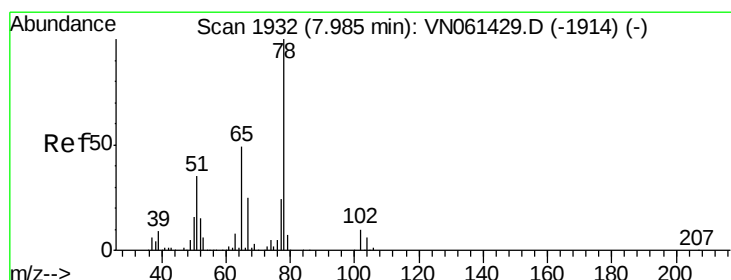
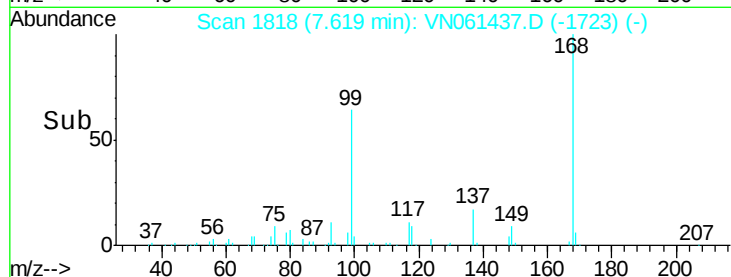
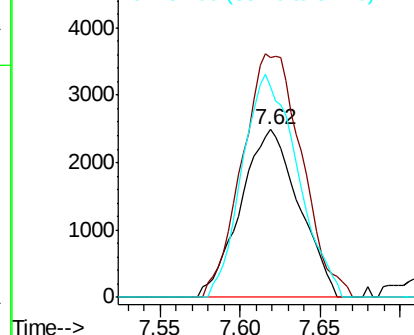
56 100

69 143.3 27.8 41.6#

84 125.2 72.7 109.1#



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



#33

1,2-Dichloroethane-d4

Concen: 48.106 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.00 min

Lab File: VN061437.D

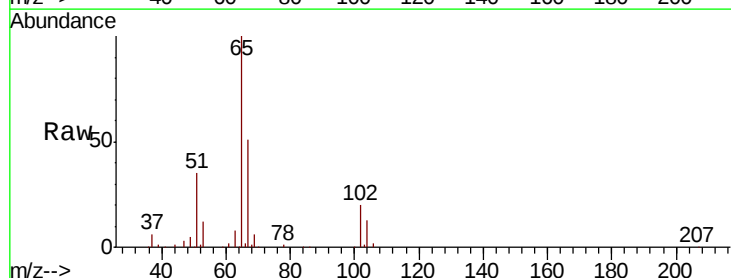
Acq: 18 May 2020 16:17

Tgt Ion: 65 Resp: 168488

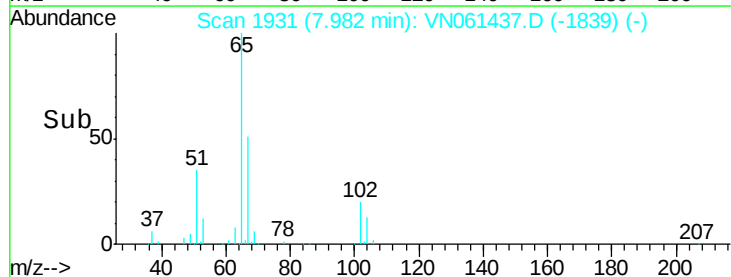
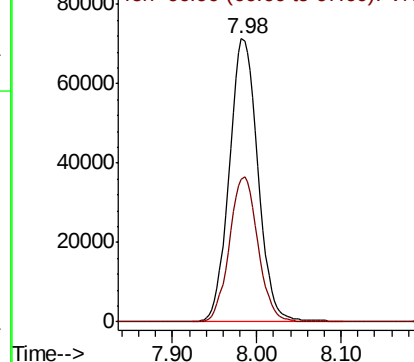
Ion Ratio Lower Upper

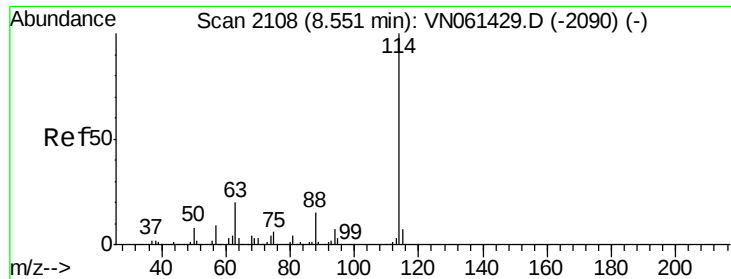
65 100

67 51.2 0.0 101.4



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

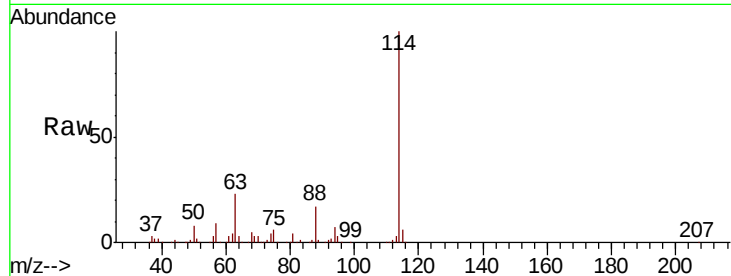




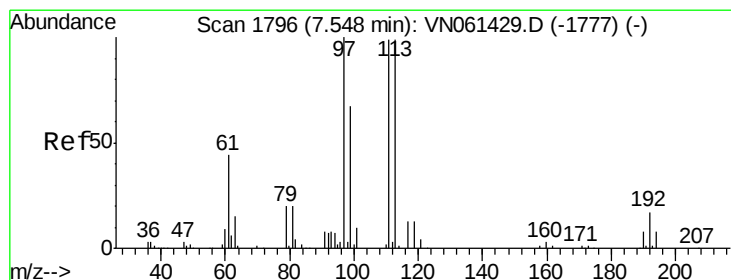
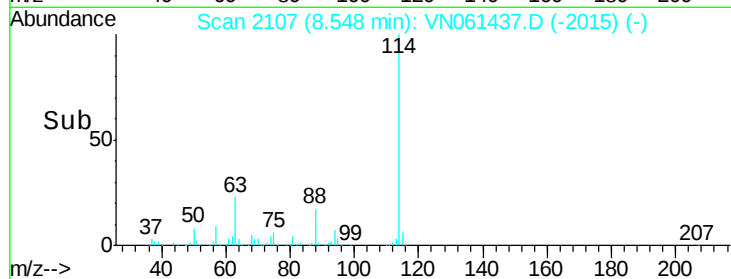
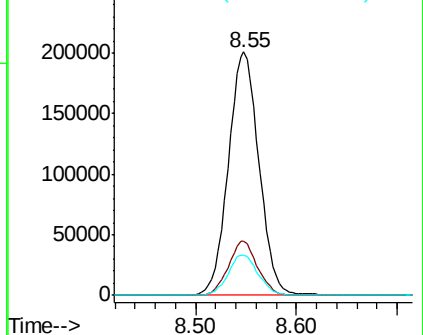
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061437.D
 Acq: 18 May 2020 16:17

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:114 Resp: 424047
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 40.8
 88 16.6 0.0 30.8

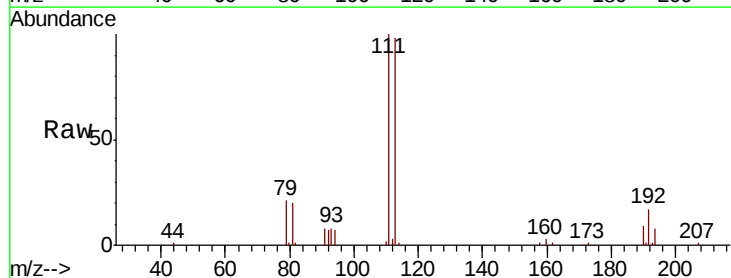


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

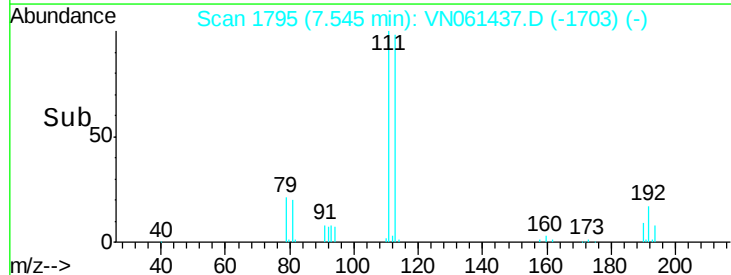
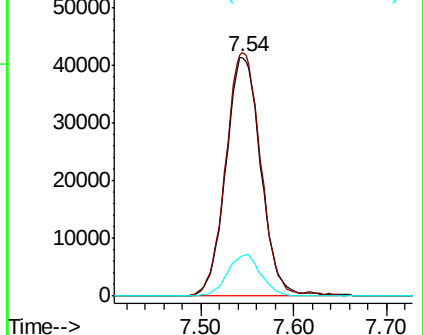


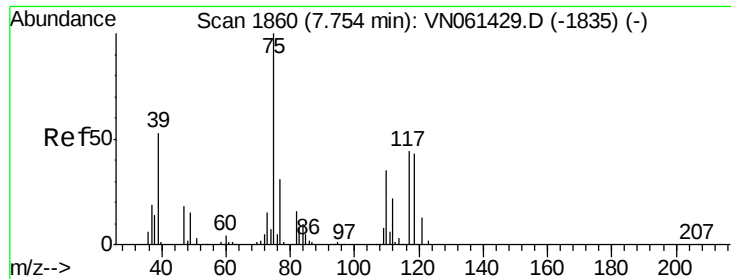
#35
 Dibromofluoromethane
 Concen: 48.687 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061437.D
 Acq: 18 May 2020 16:17

Tgt Ion:113 Resp: 108156
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.6 121.0
 192 16.5 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

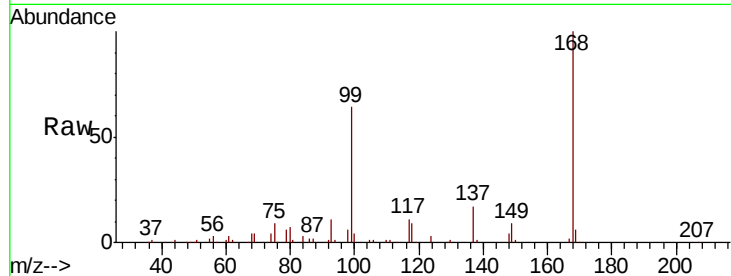




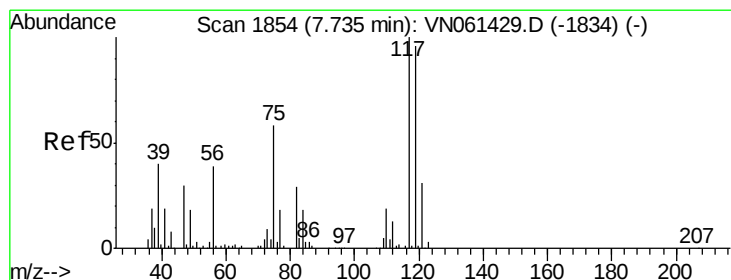
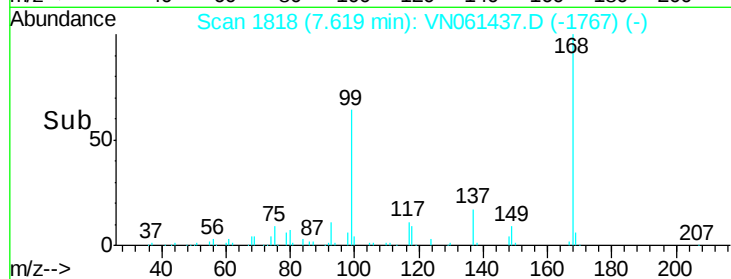
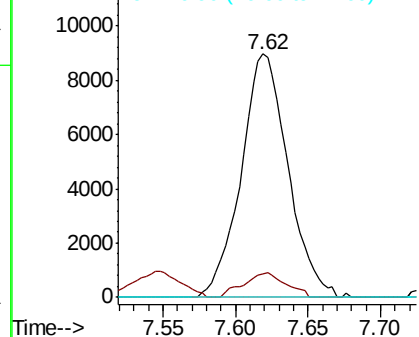
#36
 1,1-Dichloropropene
 Concen: 5.083 ug/l
 RT: 7.62 min Scan# 1818
 Delta R.T. -0.14 min
 Lab File: VN061437.D
 Acq: 18 May 2020 16:17

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.3	51.9#
77	0.0	24.9	37.3#

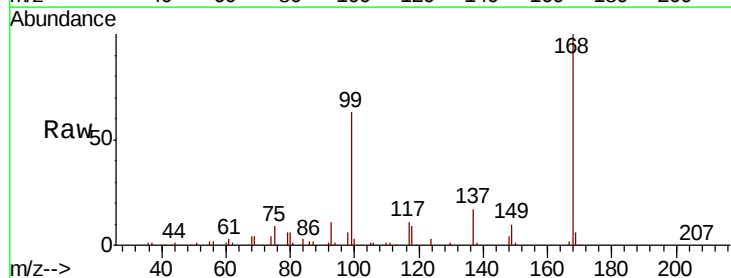


Abundance Ion 74.90 (74.60 to 75.60): VN061429.D (-1835) (-)
 Ion 109.90 (109.60 to 110.60): VN061429.D (-1835) (-)
 Ion 76.90 (76.60 to 77.60): VN061429.D (-1835) (-)

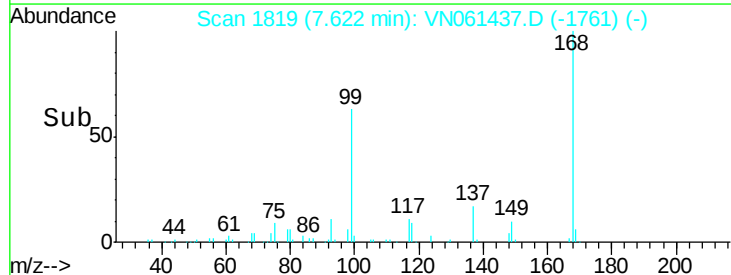
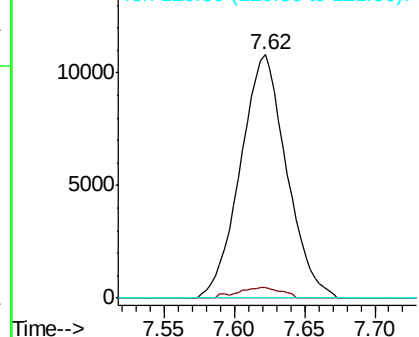


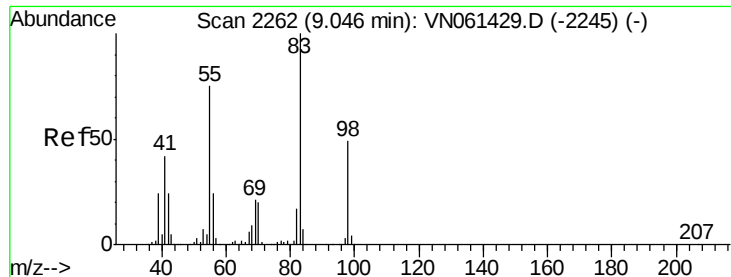
#38
 Carbon Tetrachloride
 Concen: 6.779 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.11 min
 Lab File: VN061437.D
 Acq: 18 May 2020 16:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	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) (-)

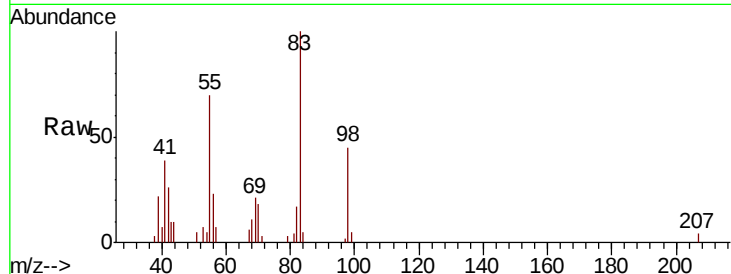




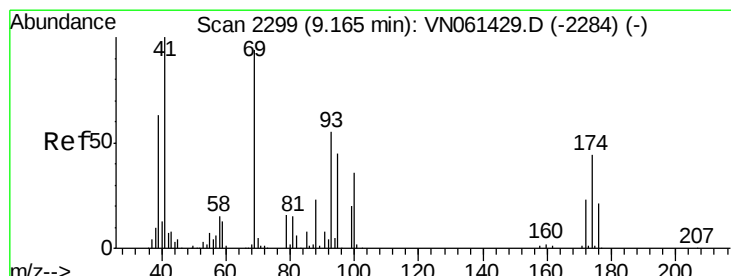
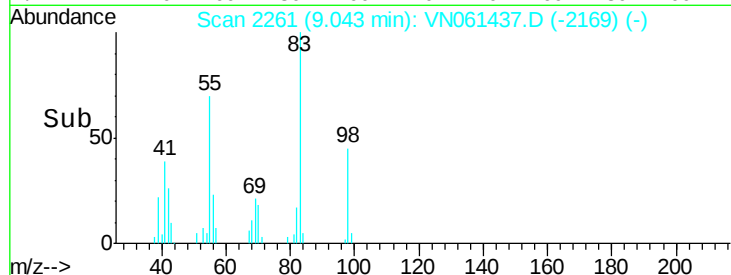
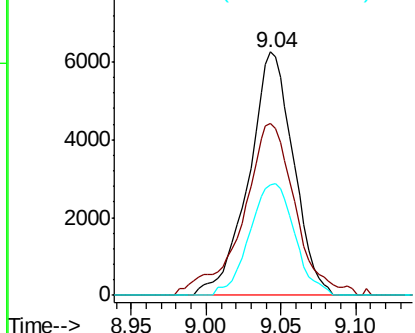
#39
Methvlcvclohexane
Concen: 2.682 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 12990
Ion Ratio Lower Upper
83 100
55 67.0 59.7 89.5
98 45.5 38.9 58.3

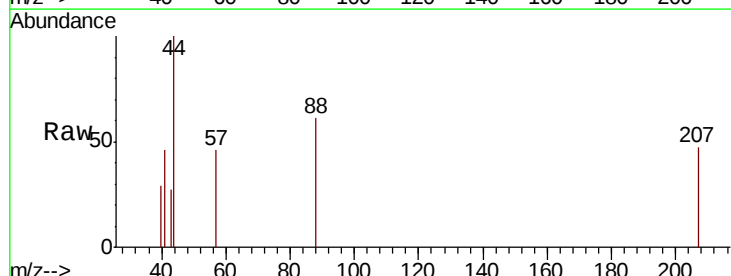


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

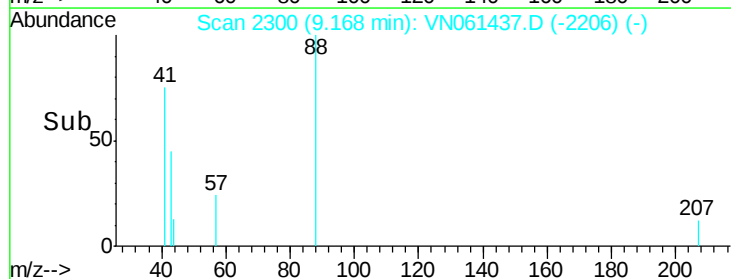
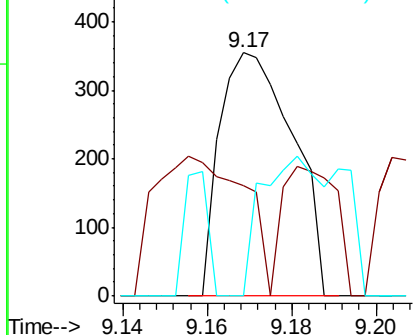


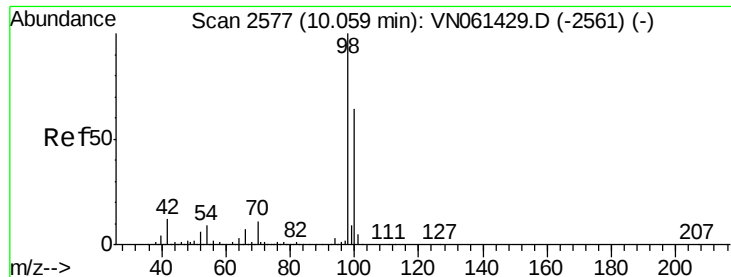
#49
1,4-Dioxane
Concen: Below Cal
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

Tgt Ion: 88 Resp: 429
Ion Ratio Lower Upper
88 100
43 38.5 26.3 39.5
58 63.9 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: 52.923 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

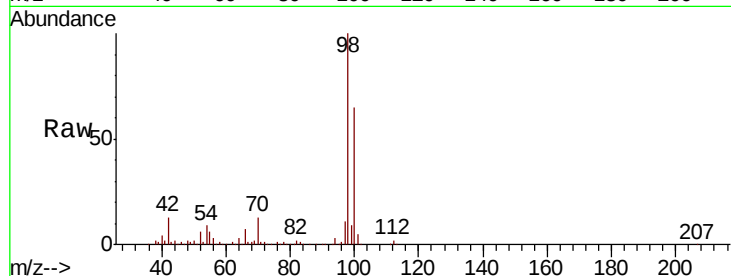
ClientSampled :

Tot Ion: 98 Resp: 545300

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN061429.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061429.D (-2561) (-)

10.06

300000

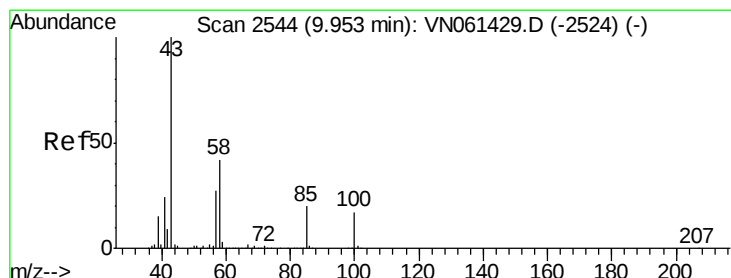
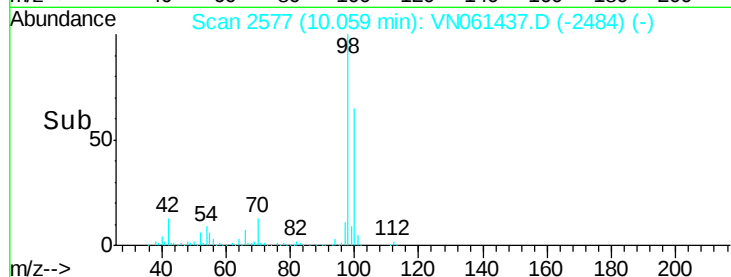
200000

100000

0

10.00 10.10 10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.563 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN061437.D

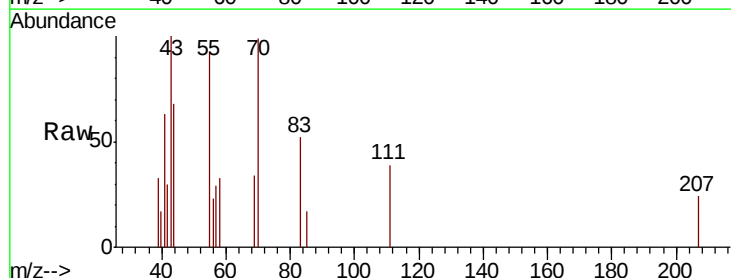
Acq: 18 May 2020 16:17

Tgt Ion: 43 Resp: 1924

Ion Ratio Lower Upper

43 100

58 24.3 33.4 50.2#



Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-2524) (-)

Ion 58.00 (57.70 to 58.70): VN061429.D (-2524) (-)

9.96

1200

1000

800

600

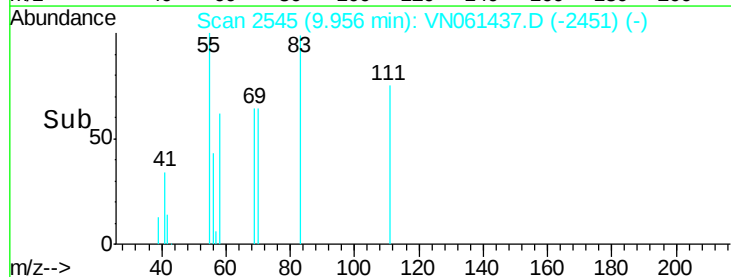
400

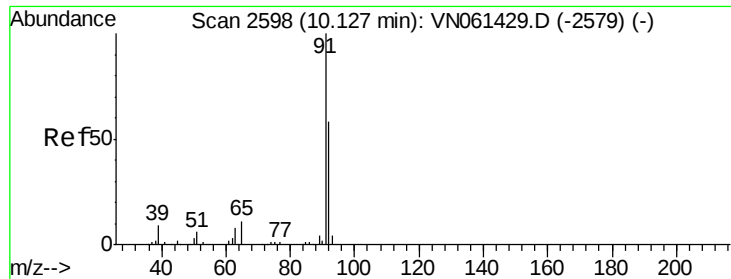
200

0

9.90 9.95

Time-->





#52

Toluene

Concen: 4.761 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

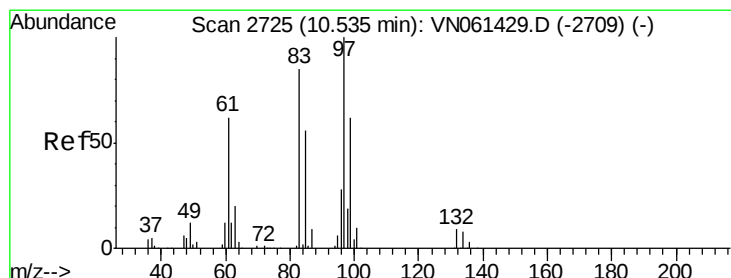
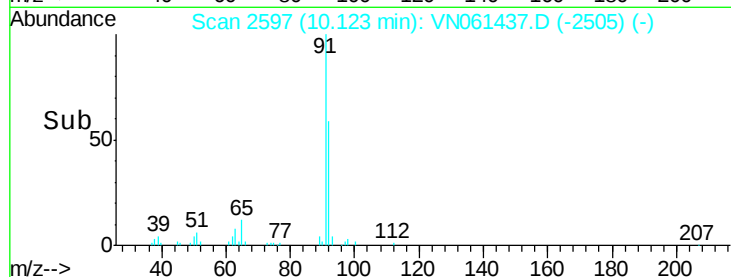
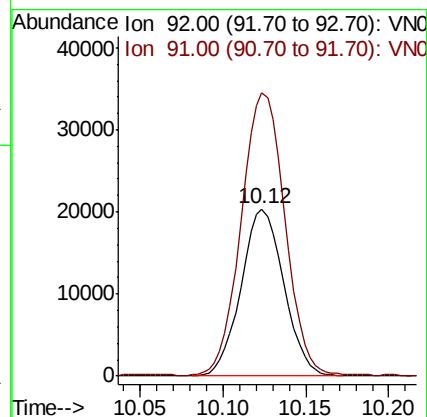
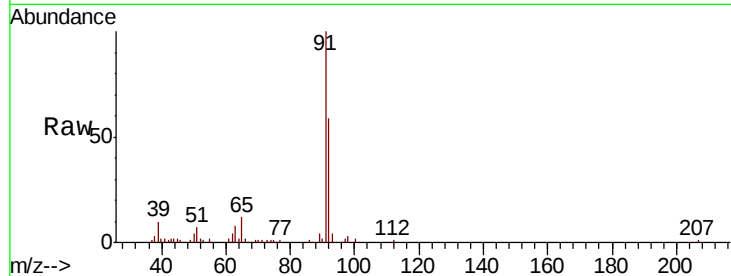
ClientSampleId :

Tot Ion: 92 Resp: 36520

Ion Ratio Lower Upper

92 100

91 174.2 138.0 207.0



#55

1,1,2-Trichloroethane

Concen: 10.725 ug/l

RT: 10.50 min Scan# 2714

Delta R.T. -0.04 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Tgt Ion: 97 Resp: 31107

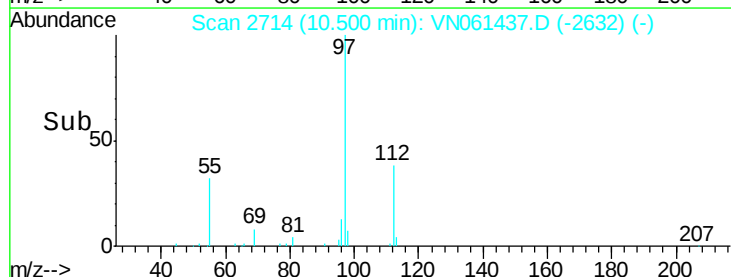
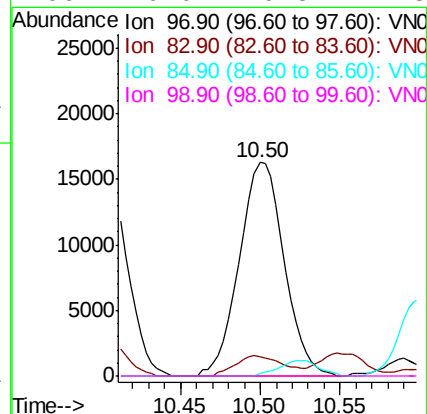
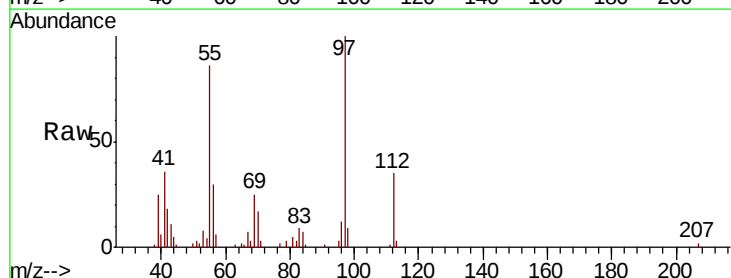
Ion Ratio Lower Upper

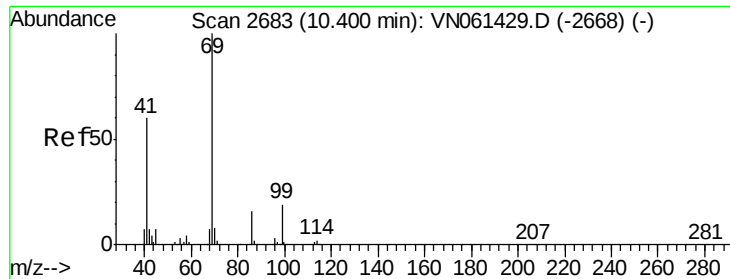
97 100

83 9.2 68.2 102.4#

85 1.2 44.6 67.0#

99 0.0 49.5 74.3#





#56

Ethyl methacrylate

Concen: 1.957 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

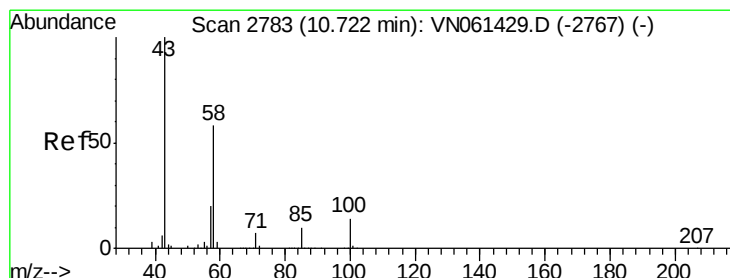
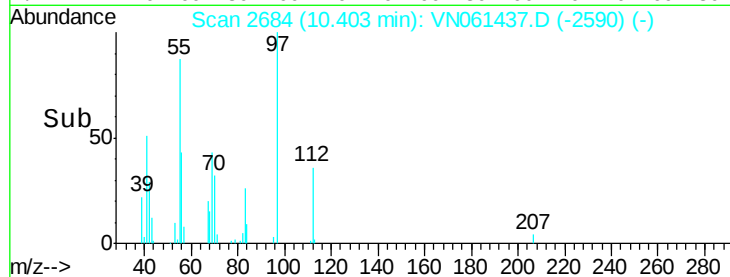
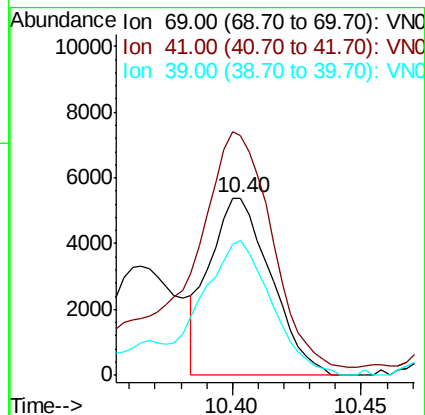
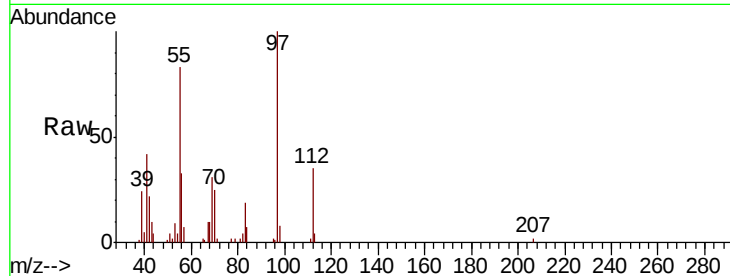
Tot Ion: 69 Resp: 8872

Ion Ratio Lower Upper

69 100

41 183.8 48.3 72.5#

39 86.2 30.2 45.2#



#59

2-Hexanone

Concen: 21.510 ug/l

RT: 10.69 min Scan# 2773

Delta R.T. -0.03 min

Lab File: VN061437.D

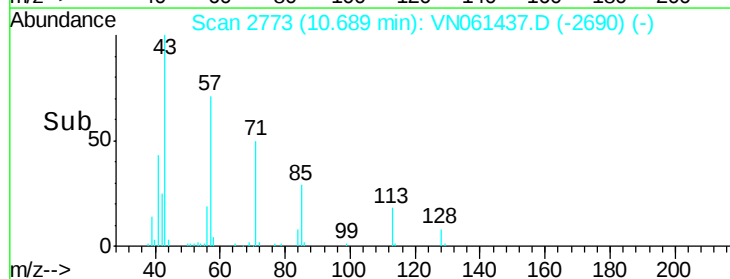
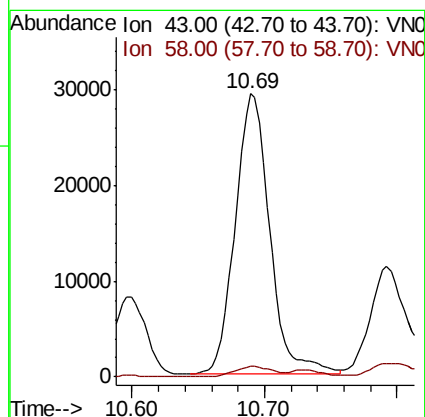
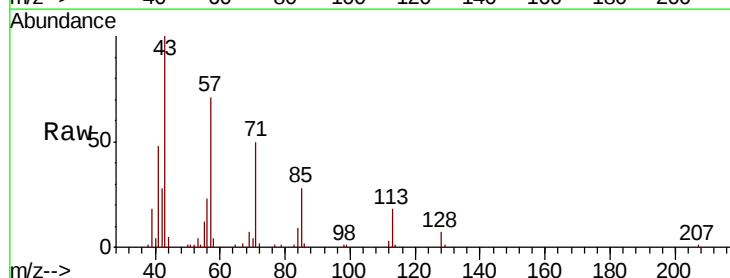
Acq: 18 May 2020 16:17

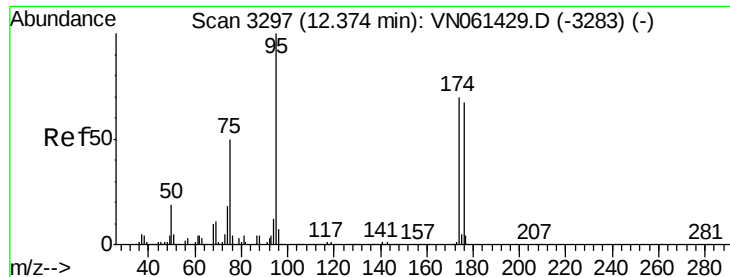
Tgt Ion: 43 Resp: 53167

Ion Ratio Lower Upper

43 100

58 4.1 29.2 87.6#





#62

4-Bromofluorobenzene

Concen: 72.262 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

ClientSampled :

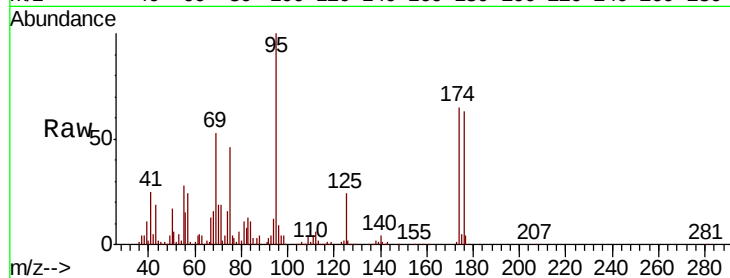
Tot Ion: 95 Resp: 278174

Ion Ratio Lower Upper

95 100

174 63.8 0.0 141.2

176 62.4 0.0 137.6

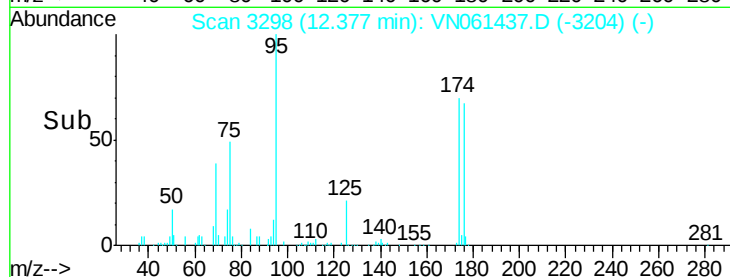


Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)

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

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

Time-->

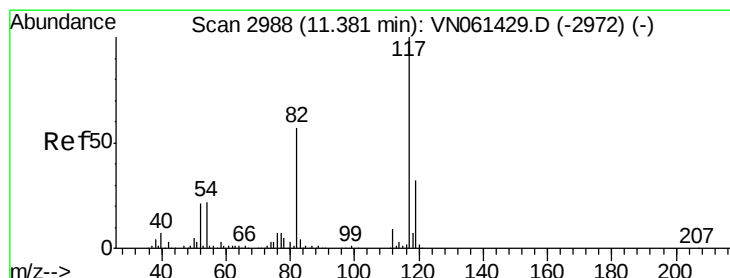


Abundance Ion 94.90 (94.60 to 95.60): VN061437.D (-3204) (-)

Ion 173.80 (173.50 to 174.50): VN061437.D (-3204) (-)

Ion 175.80 (175.50 to 176.50): VN061437.D (-3204) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

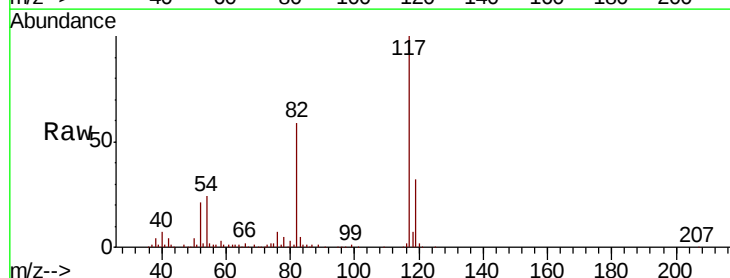
Tgt Ion: 117 Resp: 414663

Ion Ratio Lower Upper

117 100

82 58.3 45.2 67.8

119 32.1 25.3 37.9

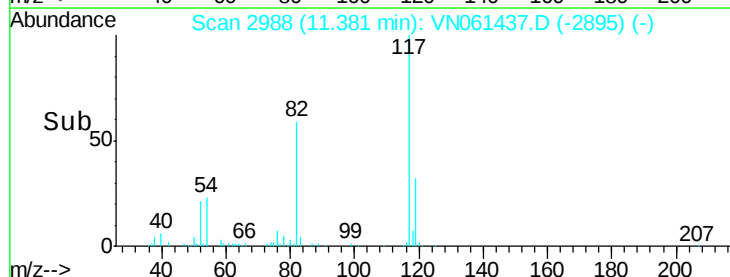


Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

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

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

Time-->

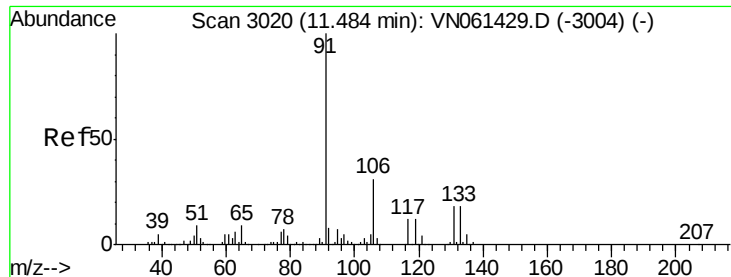


Abundance Ion 116.90 (116.60 to 117.60): VN061437.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN061437.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN061437.D (-2895) (-)

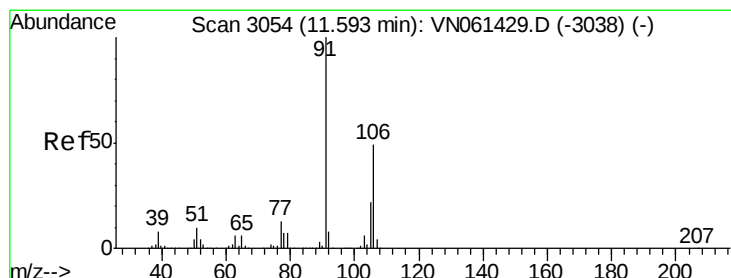
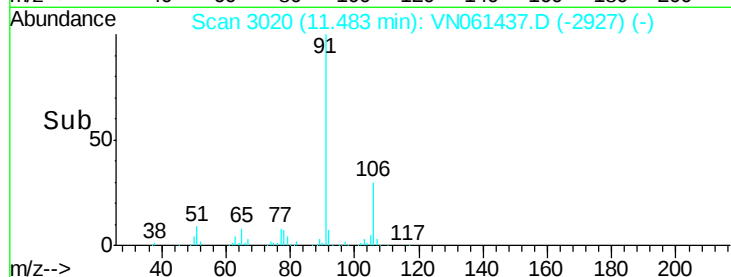
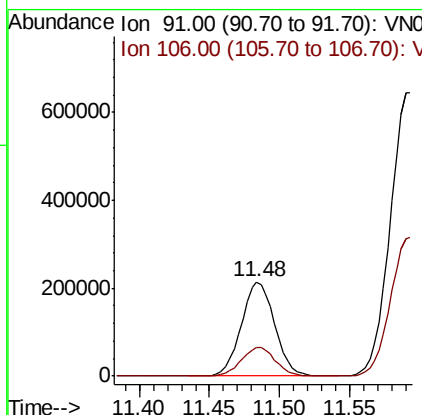
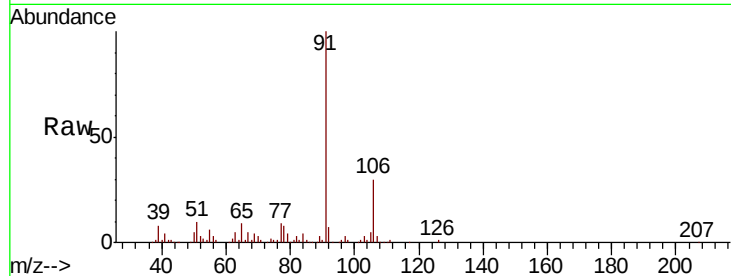
Time-->



#67
Ethyl Benzene
Concen: 23.059 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

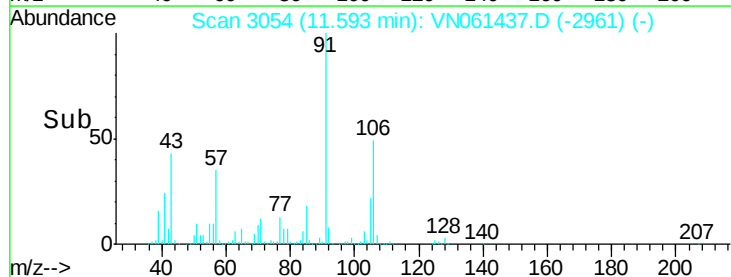
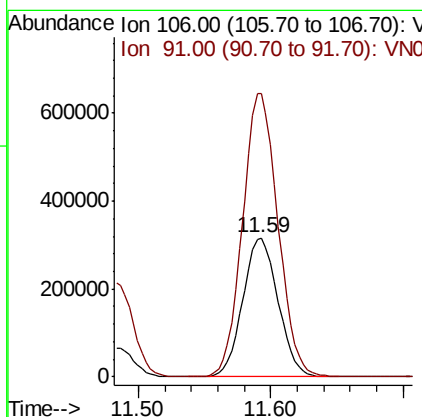
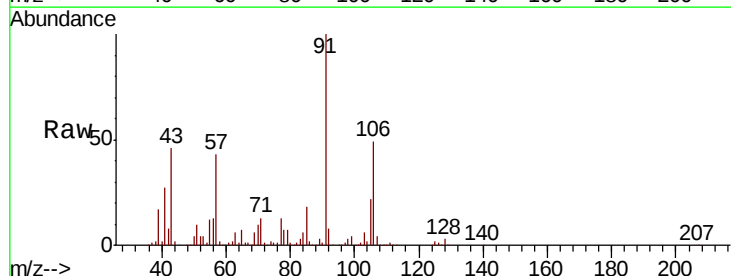
Instrument :
MSVOA_N
ClientSampled :

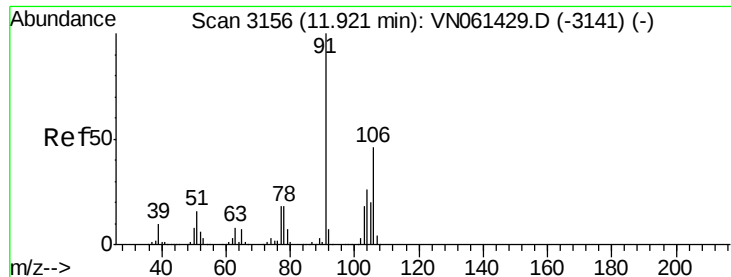
Tot Ion: 91 Resp: 355925
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8



#68
m/p-Xylenes
Concen: 99.687 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

Tgt Ion: 106 Resp: 584050
Ion Ratio Lower Upper
106 100
91 204.6 163.0 244.6

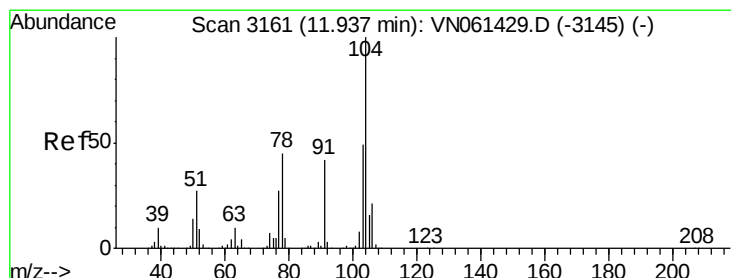
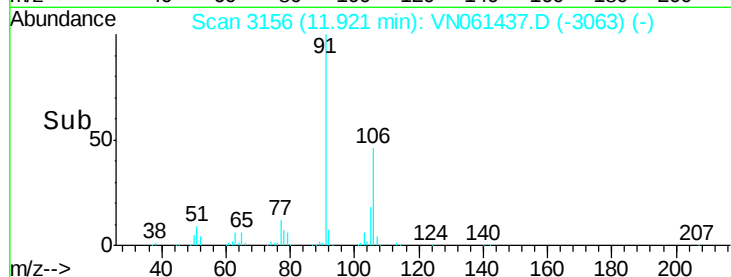
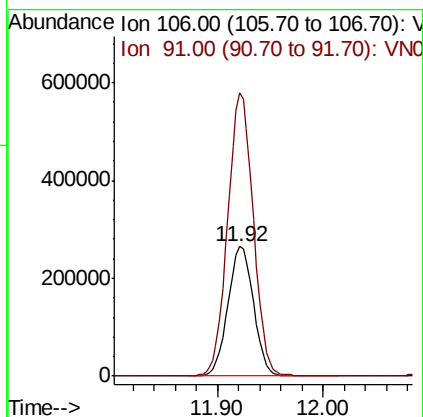
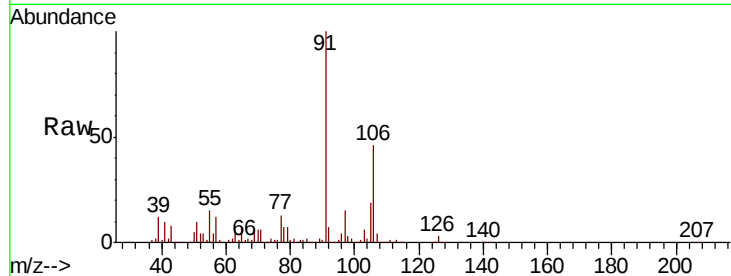




#69
o-Xylene
Concen: 78.262 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

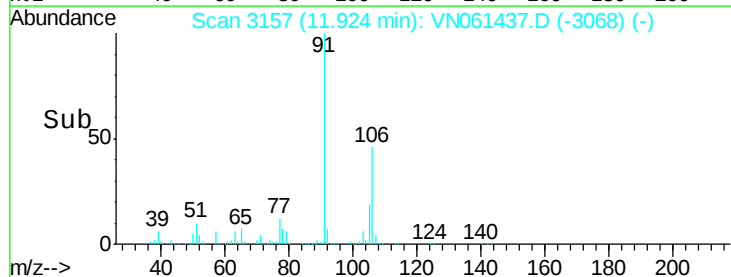
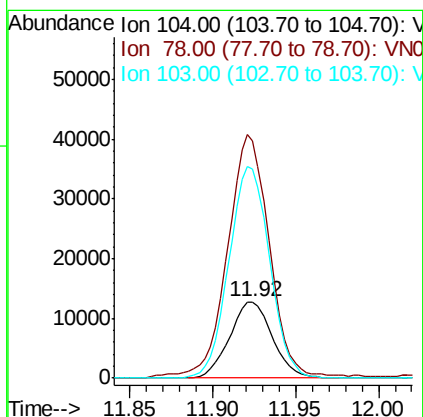
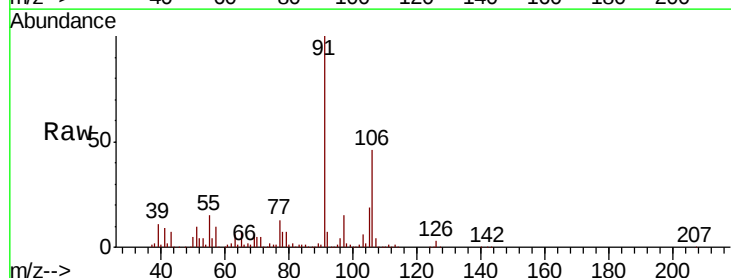
Instrument :
MSVOA_N
ClientSampled :

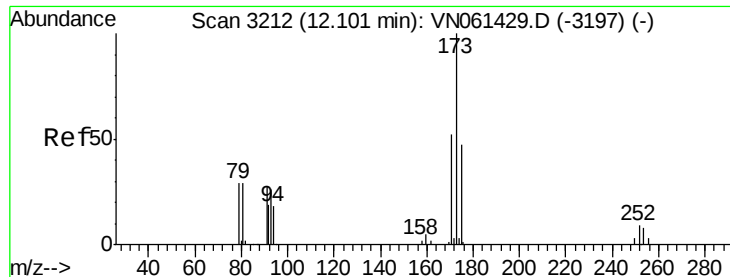
Tot Ion:106 Resp: 443724
Ion Ratio Lower Upper
106 100
91 218.8 107.9 323.7



#70
Styrene
Concen: 2.435 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.01 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

Tgt Ion:104 Resp: 22866
Ion Ratio Lower Upper
104 100
78 316.5 40.7 61.1#
103 264.4 43.0 64.4#





#71

Bromoform

Concen: 2.668 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

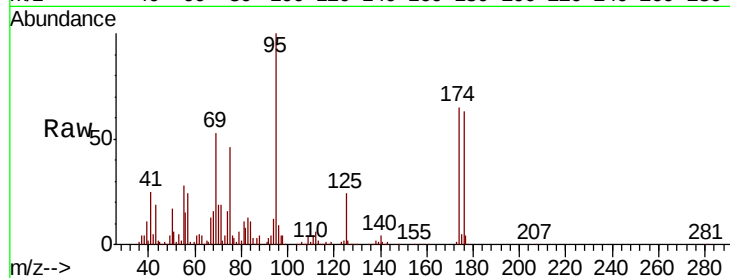
Tot Ion:173 Resp: 1591

Ion Ratio Lower Upper

173 100

175 715.8 23.9 71.8#

254 0.0 0.0 0.0

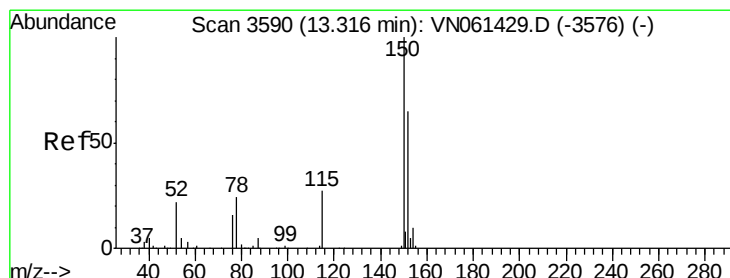
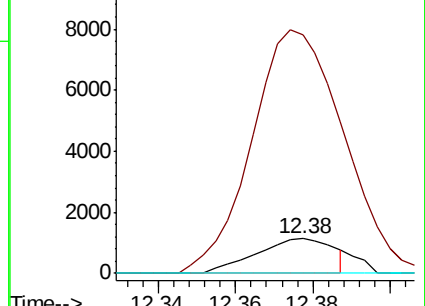
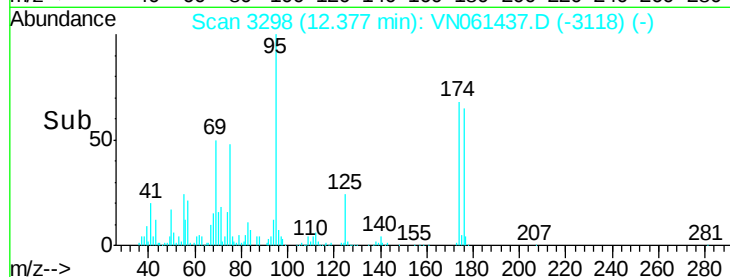


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

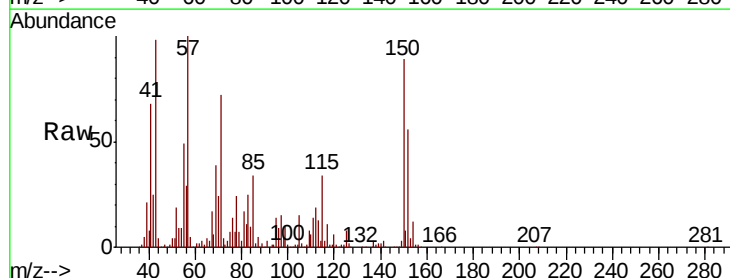
Tgt Ion:152 Resp: 311822

Ion Ratio Lower Upper

152 100

115 50.6 30.9 92.5

150 148.0 0.0 349.2

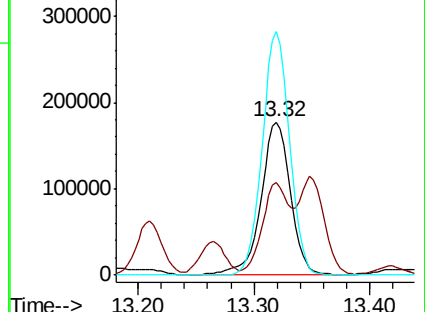
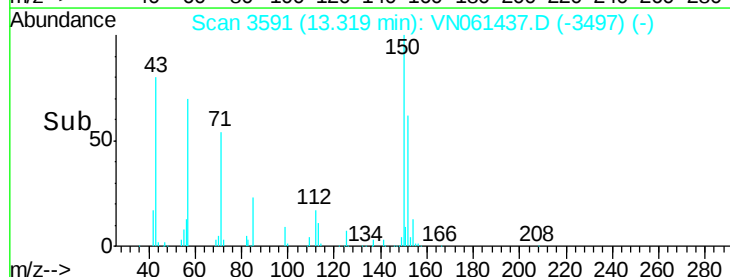


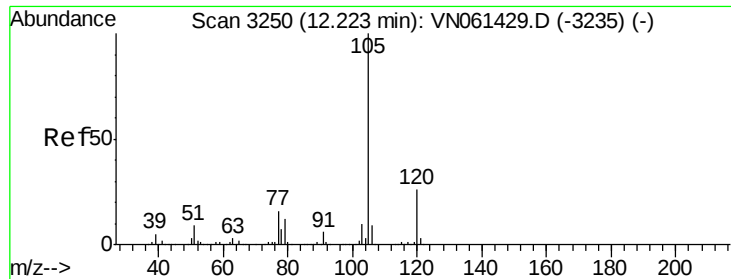
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->





#73

Isopropylbenzene

Concen: 13.125 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

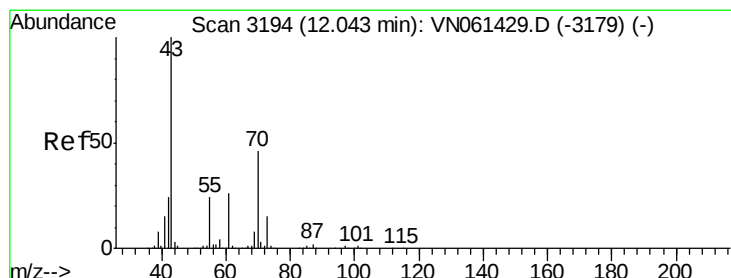
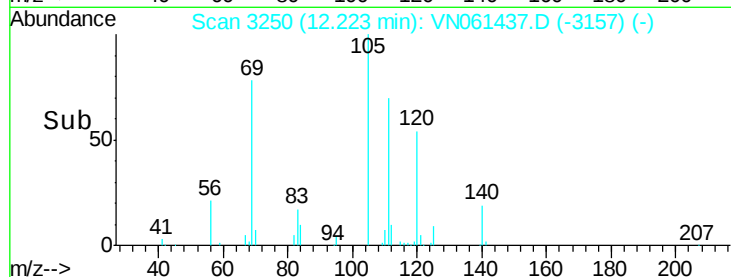
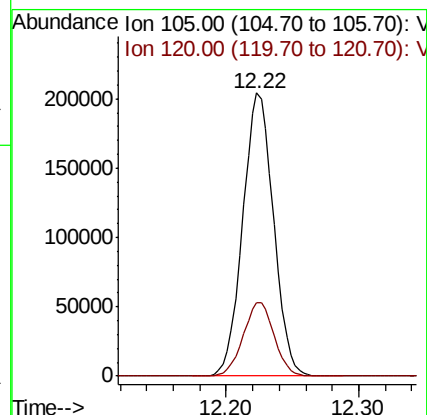
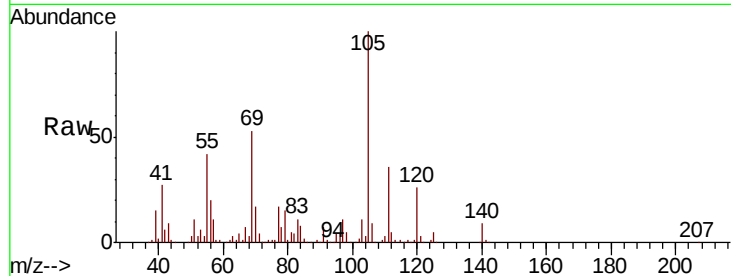
ClientSampleId :

Tot Ion:105 Resp: 328558

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 29.566 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.02 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Tgt Ion: 43 Resp: 270912

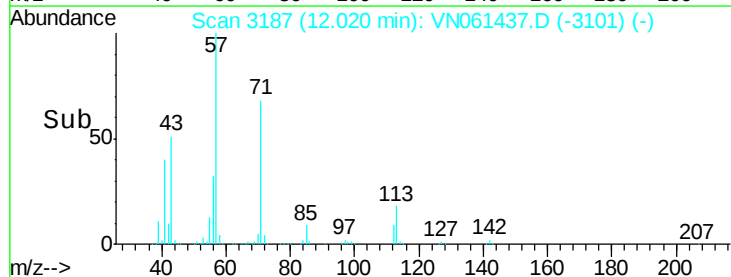
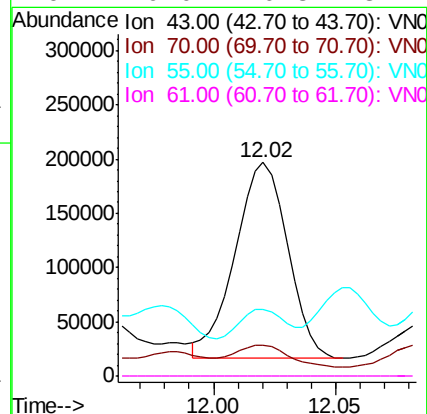
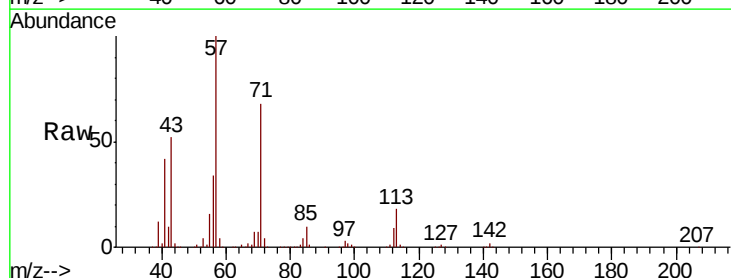
Ion Ratio Lower Upper

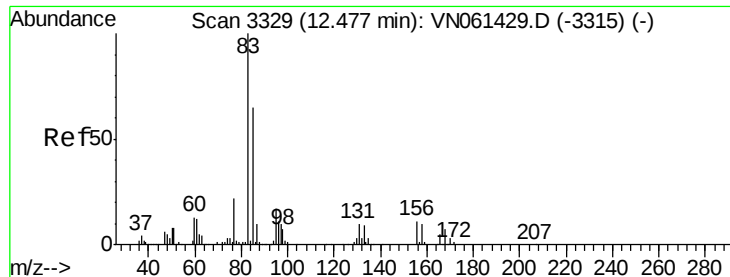
43 100

70 11.2 37.0 55.4#

55 12.2 19.5 29.3#

61 0.0 20.8 31.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 6.064 ug/l

RT: 12.43 min Scan# 3313

Delta R.T. -0.05 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

ClientSampled :

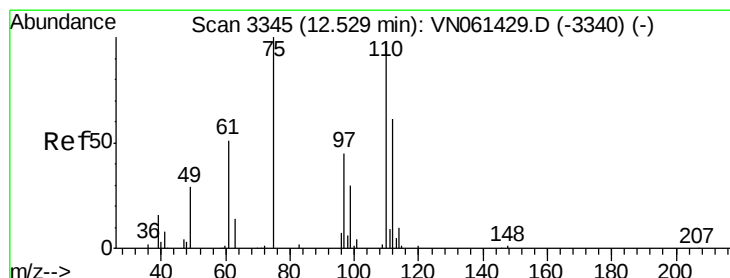
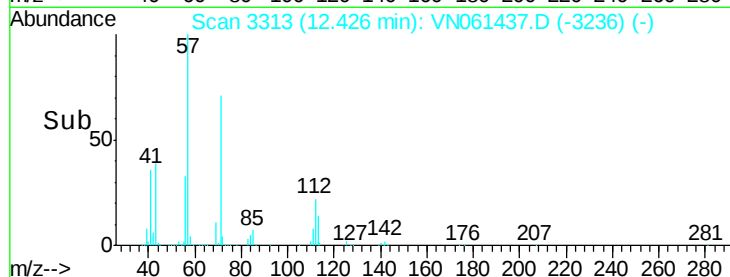
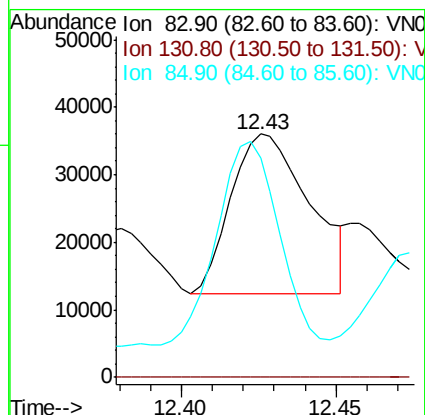
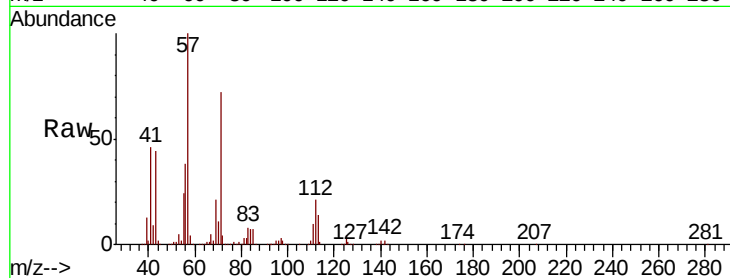
Tot Ion: 83 Resp: 41766

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

85 0.0 32.1 96.5#



#76

1,2,3-Trichloropropane

Concen: 1.214 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.04 min

Lab File: VN061437.D

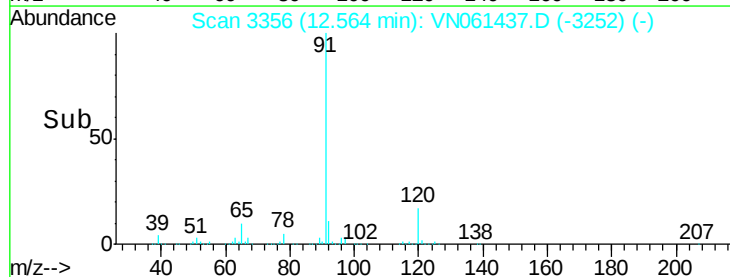
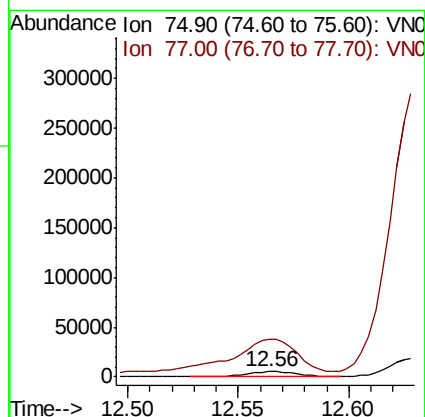
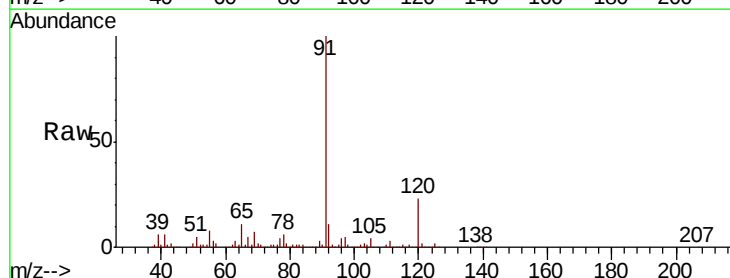
Acq: 18 May 2020 16:17

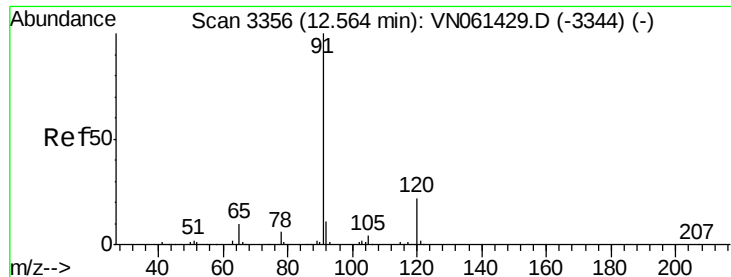
Tgt Ion: 75 Resp: 8125

Ion Ratio Lower Upper

75 100

77 991.2 0.0 0.0#





#78

n-propylbenzene

Concen: 51.520 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

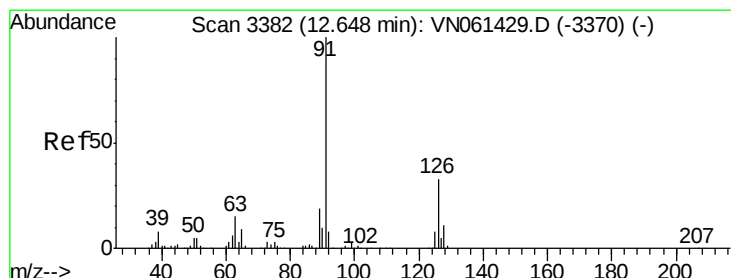
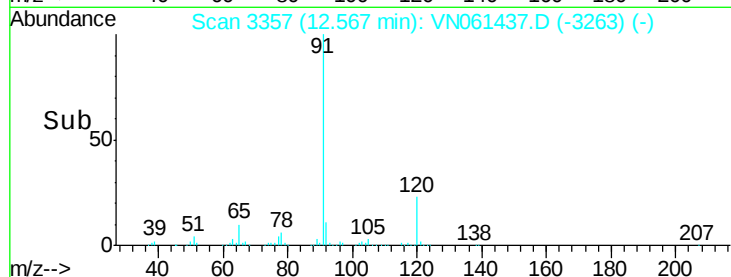
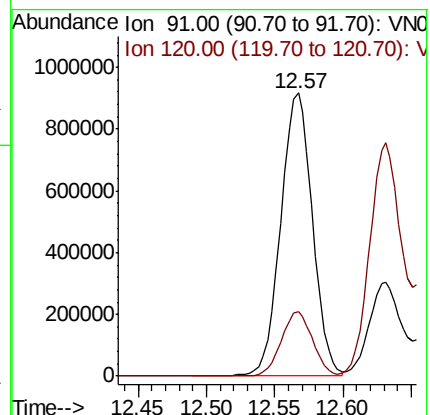
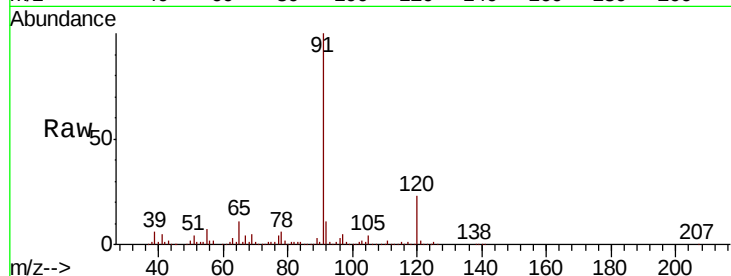
ClientSampled :

Tot Ion: 91 Resp: 1469478

Ion Ratio Lower Upper

91 100

120 22.7 11.2 33.6



#79

2-Chlorotoluene

Concen: 27.055 ug/l

RT: 12.63 min Scan# 3377

Delta R.T. -0.02 min

Lab File: VN061437.D

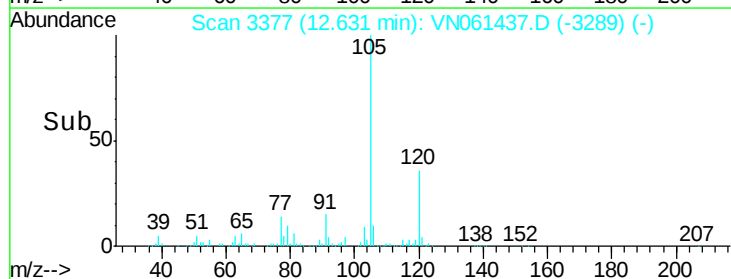
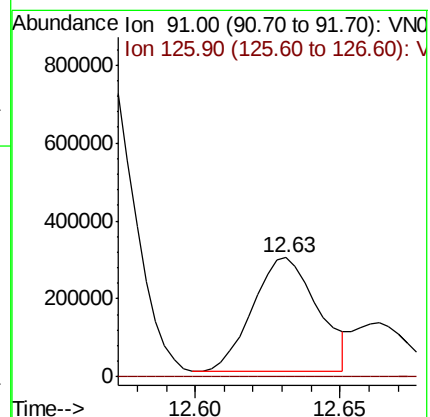
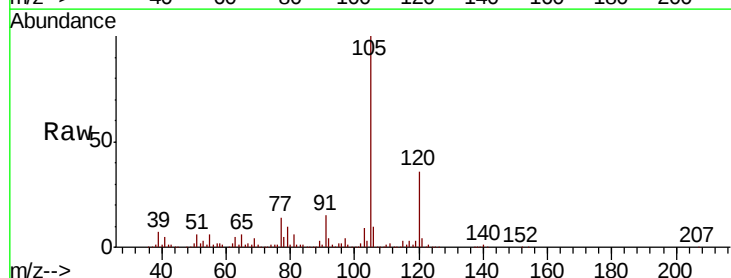
Acq: 18 May 2020 16:17

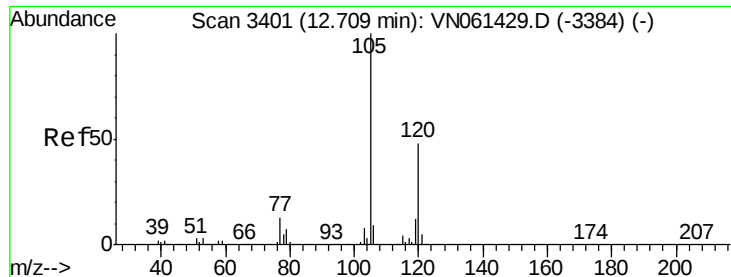
Tgt Ion: 91 Resp: 456117

Ion Ratio Lower Upper

91 100

126 0.5 16.3 48.9#

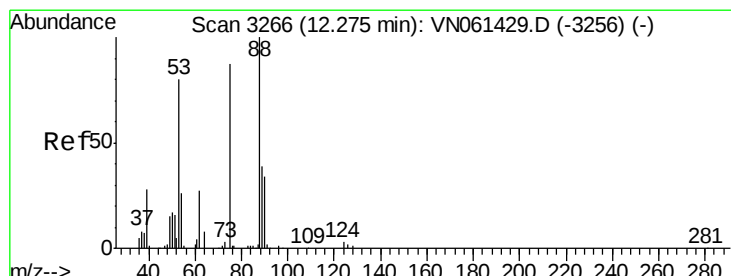
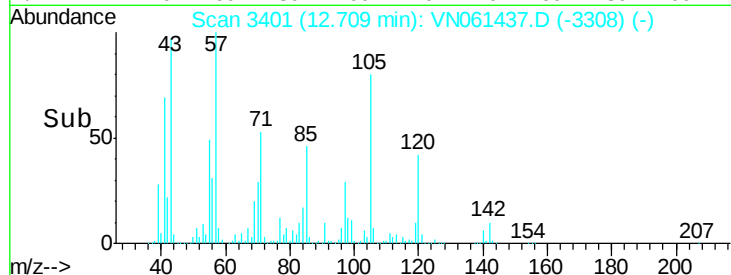
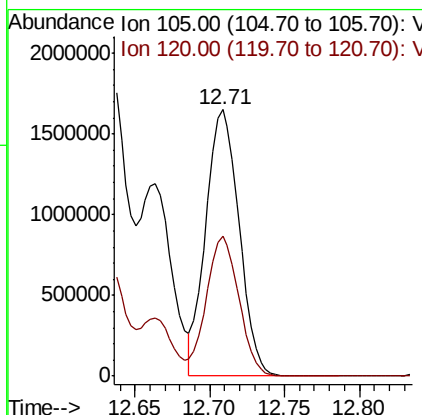
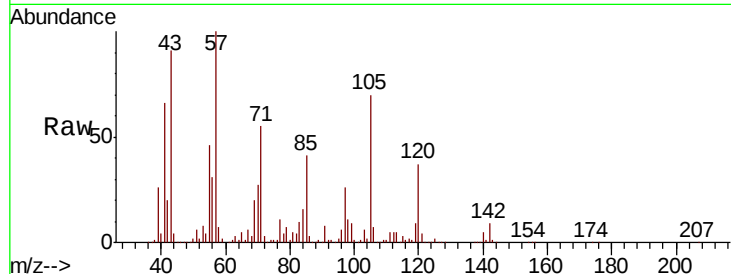




#80
 1,3,5-Trimethylbenzene
 Concen: 124.450 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061437.D
 Acq: 18 May 2020 16:17

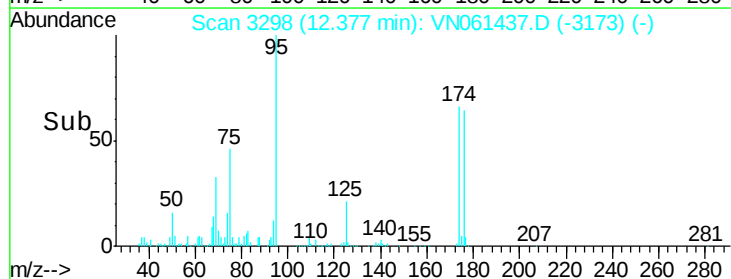
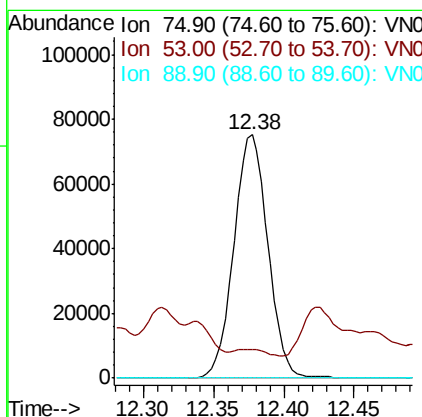
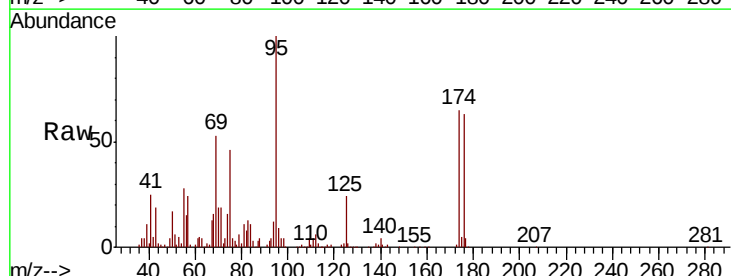
Instrument :
 MSVOA_N
 ClientSampleId :

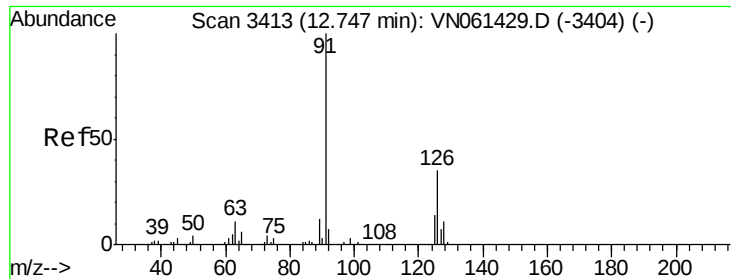
Tot Ion:105 Resp: 2550820
 Ion Ratio Lower Upper
 105 100
 120 51.8 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.375 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN061437.D
 Acq: 18 May 2020 16:17

Tgt Ion: 75 Resp: 127058
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.2 112.8#
 89 0.0 38.2 57.4#





#82

4-Chlorotoluene

Concen: 17.318 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.04 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

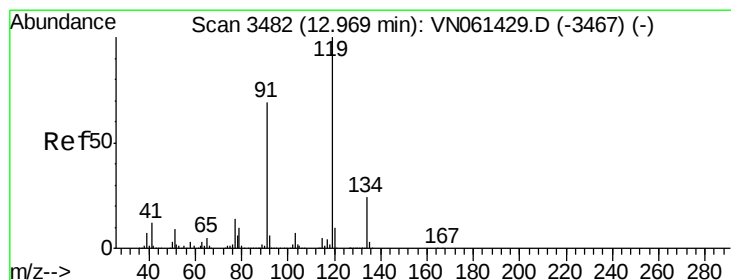
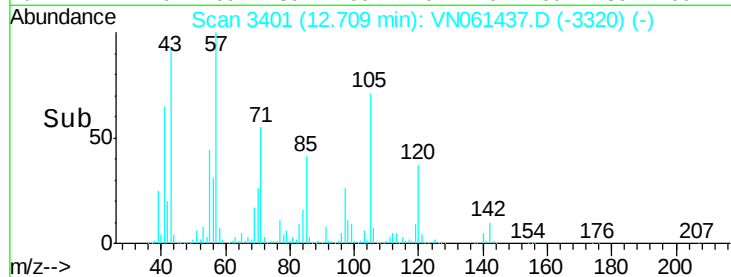
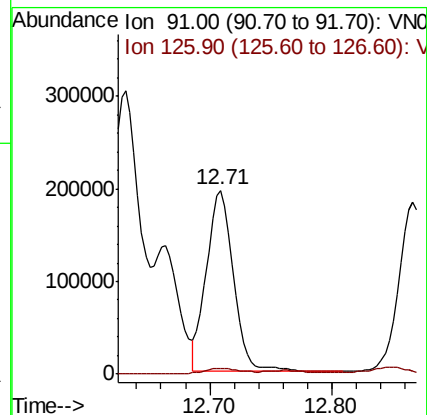
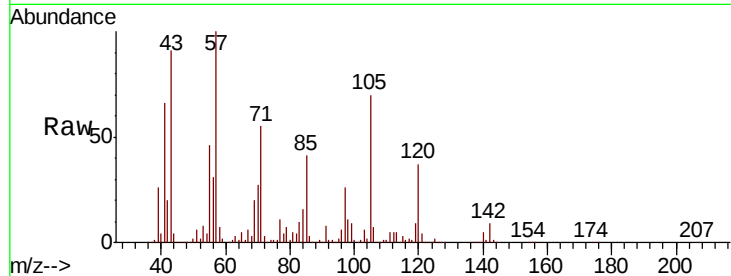
ClientSampled :

Tot Ion: 91 Resp: 302307

Ion Ratio Lower Upper

91 100

126 3.7 16.1 48.2#



#83

tert-Butylbenzene

Concen: 59.764 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.05 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

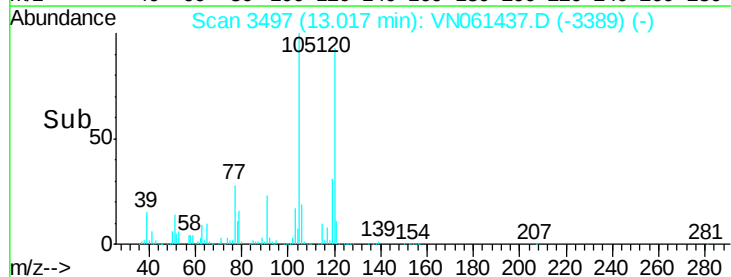
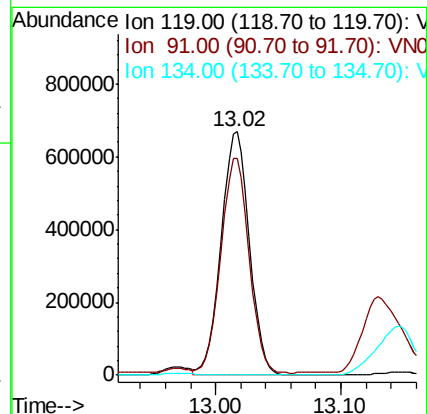
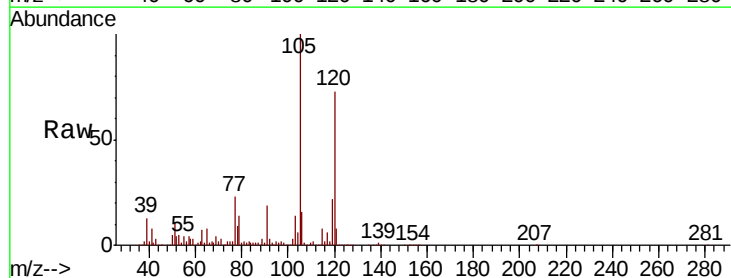
Tgt Ion: 119 Resp: 1049275

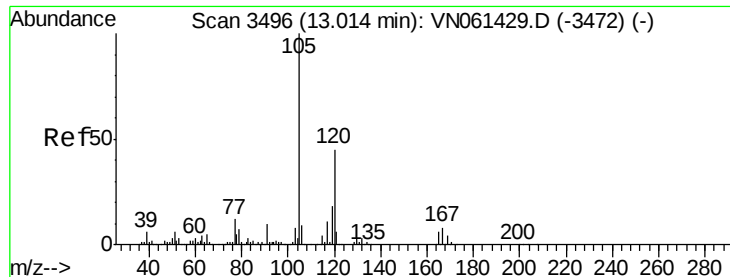
Ion Ratio Lower Upper

119 100

91 87.6 33.7 101.0

134 0.0 12.8 38.3#



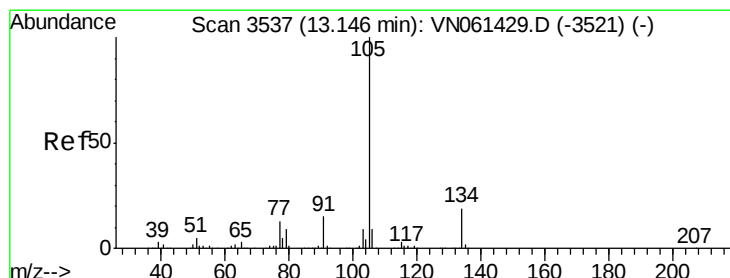
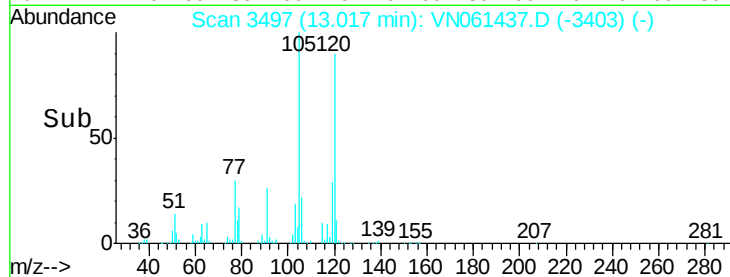
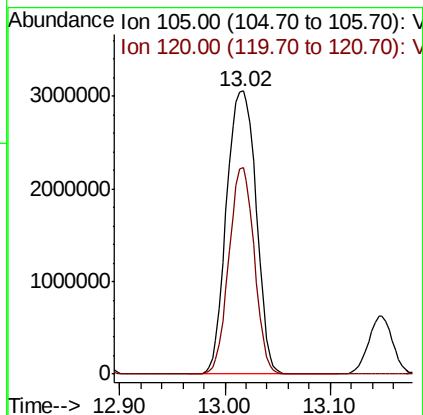
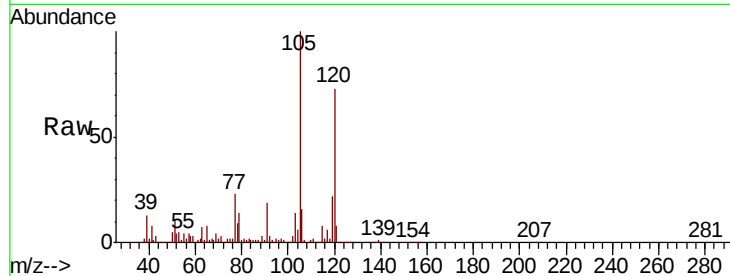


#84

1,2,4-Trimethylbenzene
Concen: 289.191 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :

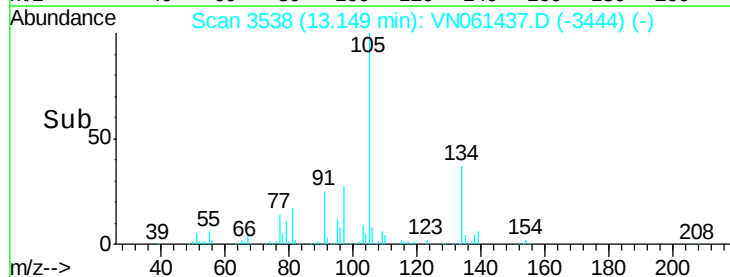
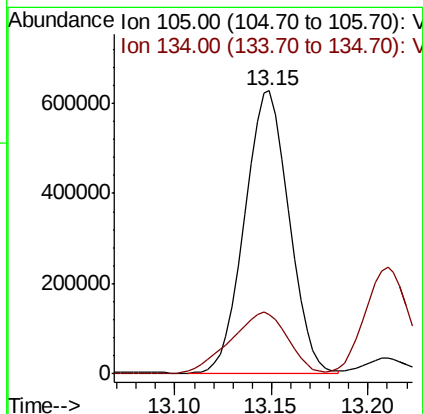
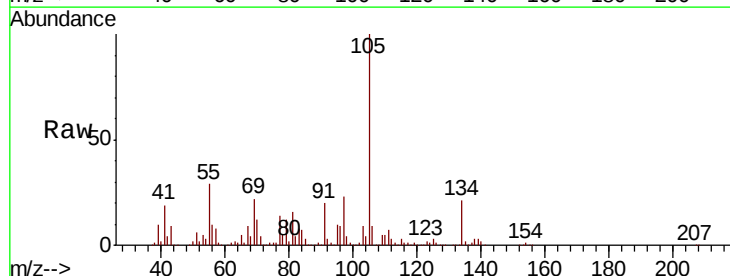
Tot Ion:105 Resp: 5932125
Ion Ratio Lower Upper
105 100
120 62.6 22.4 67.3

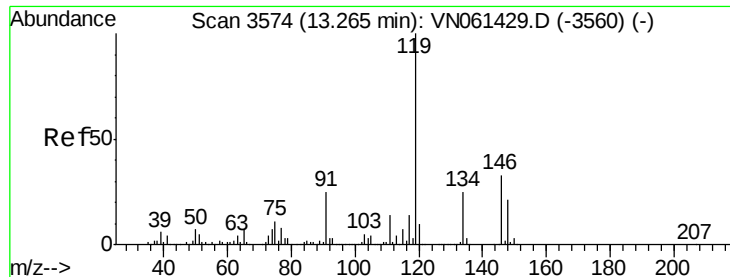


#85

sec-Butylbenzene
Concen: 42.013 ug/l
RT: 13.15 min Scan# 3538
Delta R.T. 0.00 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

Tgt Ion:105 Resp: 997424
Ion Ratio Lower Upper
105 100
134 28.3 9.8 29.5

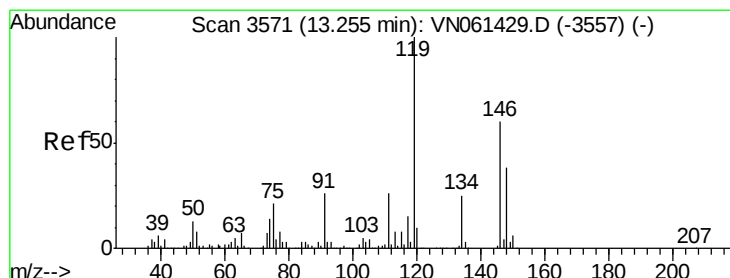
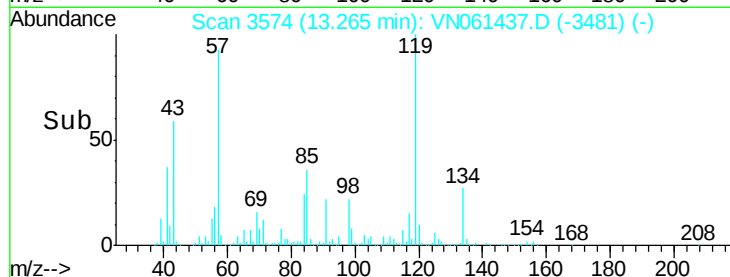
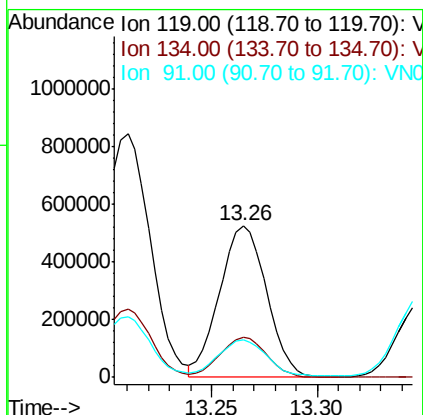
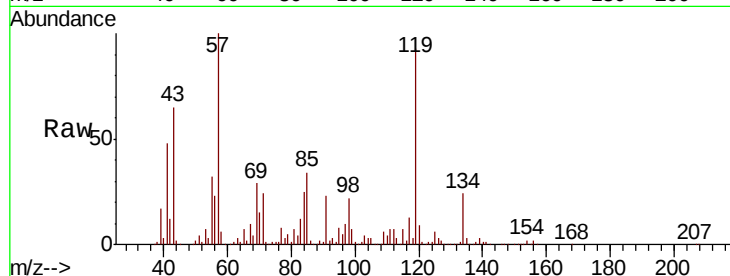




#86
 p-Isopropyltoluene
 Concen: 38.449 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061437.D
 Acq: 18 May 2020 16:17

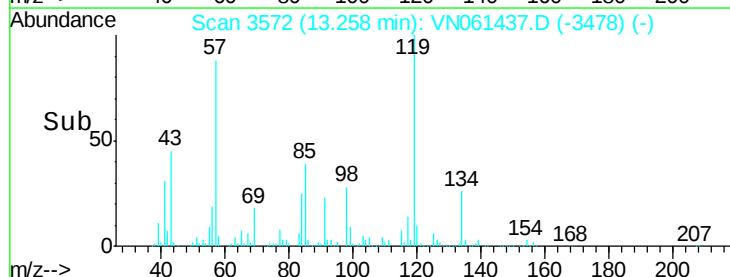
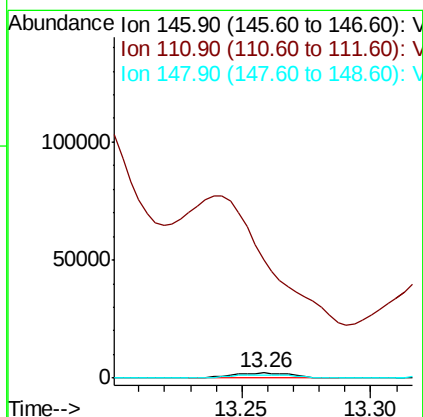
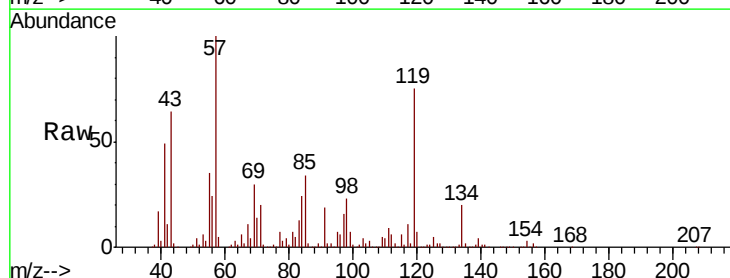
Instrument :
 MSVOA_N
 ClientSampled :

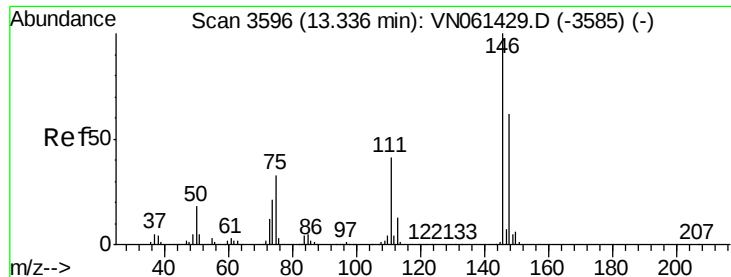
Tot Ion:119 Resp: 810548
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.7 38.1
 91 23.9 12.6 37.6



#87
 1,3-Dichlorobenzene
 Concen: 0.356 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061437.D
 Acq: 18 May 2020 16:17

Tgt Ion:146 Resp: 3540
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.5 64.5#
 148 65.5 31.8 95.3

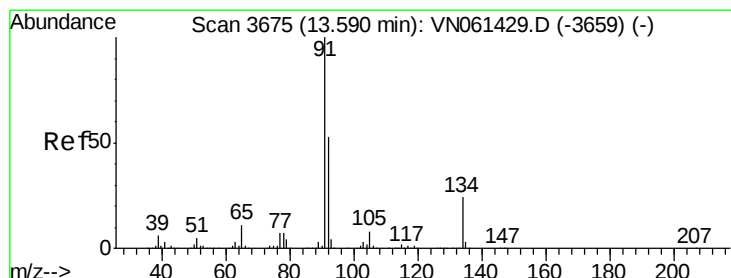
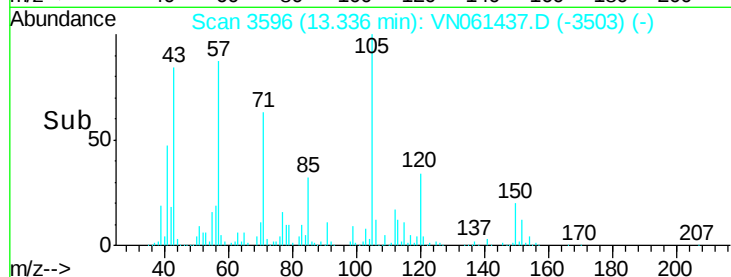
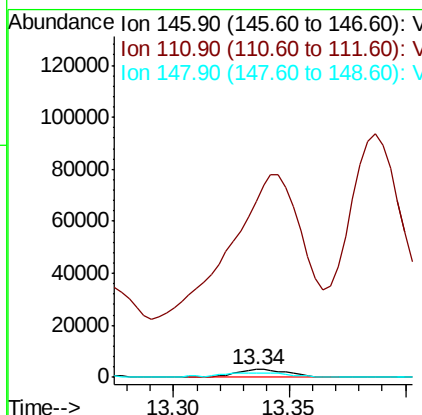
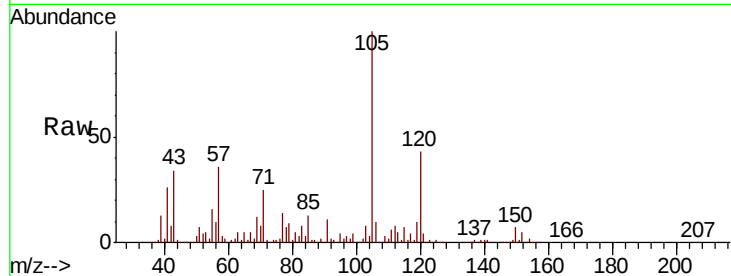




#88
 1,4-Dichlorobenzene
 Concen: 0.476 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061437.D
 Acq: 18 May 2020 16:17

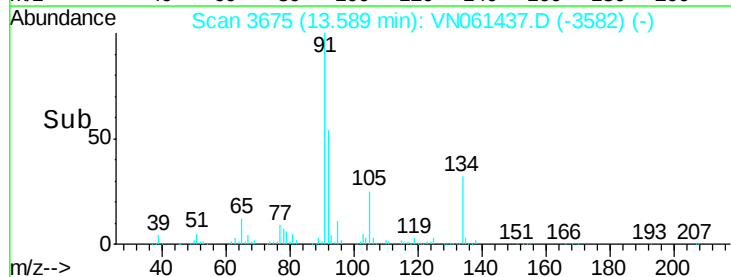
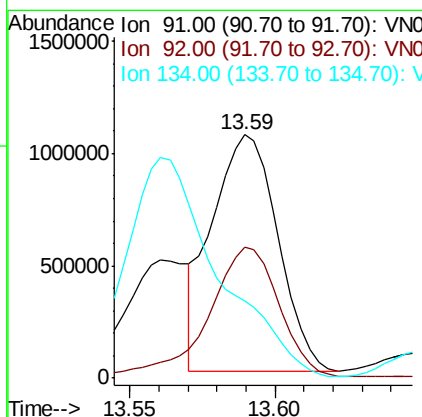
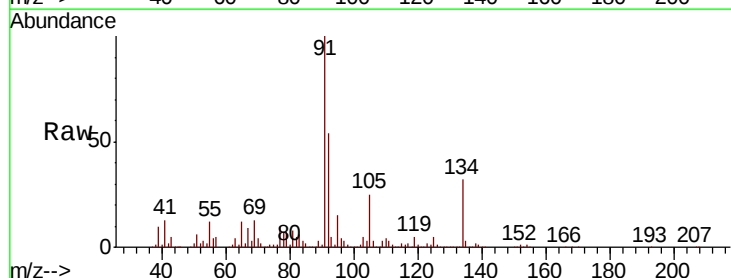
Instrument :
 MSVOA_N
 ClientSampled :

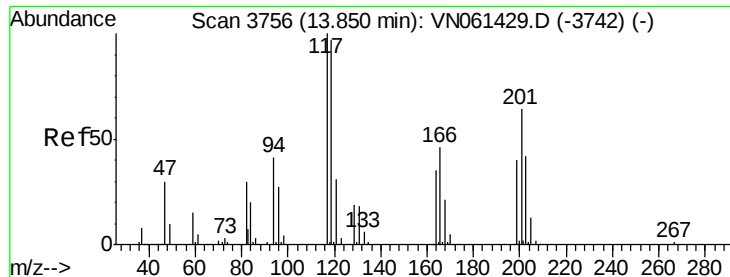
Tot Ion:146 Resp: 4738
 Ion Ratio Lower Upper
 146 100
 111 2442.3 20.8 62.5#
 148 73.1 31.6 94.8



#89
 n-Butylbenzene
 Concen: 86.124 ug/l
 RT: 13.59 min Scan# 3675
 Delta R.T. -0.00 min
 Lab File: VN061437.D
 Acq: 18 May 2020 16:17

Tgt Ion: 91 Resp: 1649459
 Ion Ratio Lower Upper
 91 100
 92 59.0 26.8 80.3
 134 0.0 12.4 37.4#

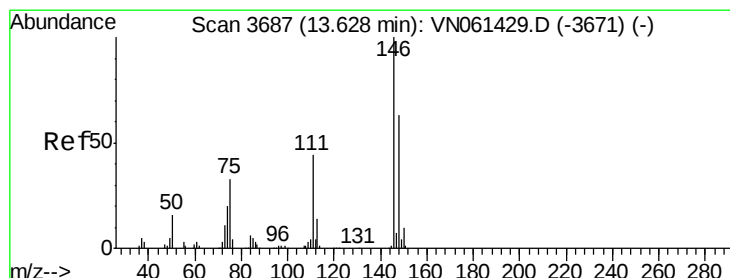
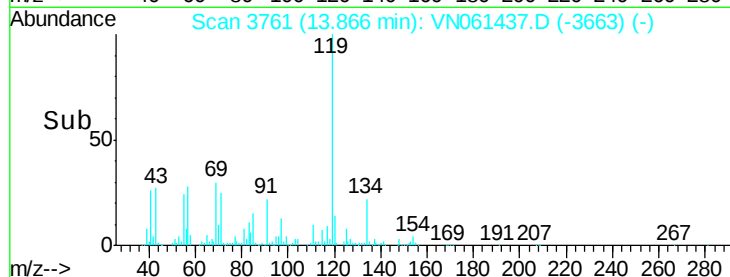
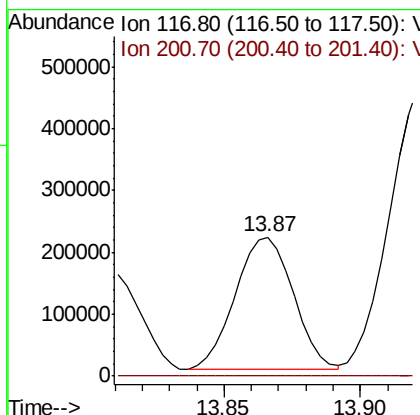
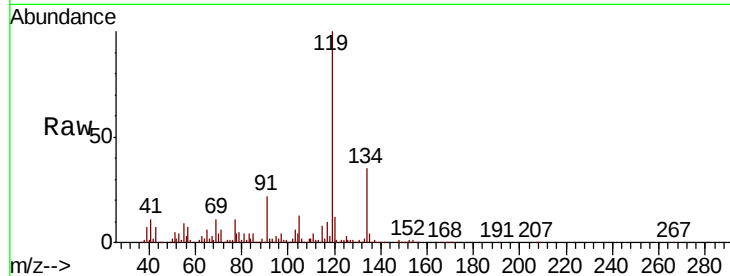




#90
Hexachloroethane
Concen: 110.097 ug/l
RT: 13.87 min Scan# 3761
Delta R.T. 0.02 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

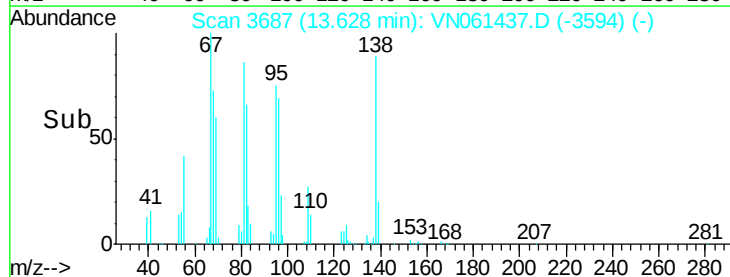
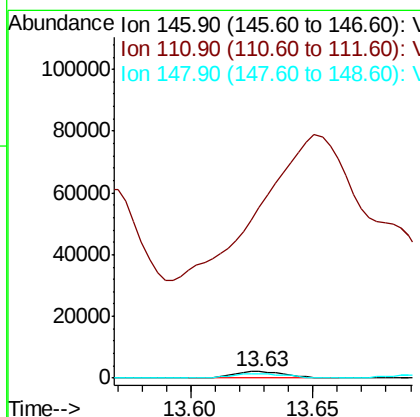
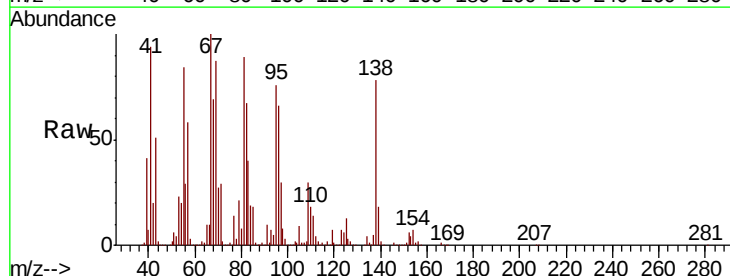
Instrument :
MSVOA_N
ClientSampled :

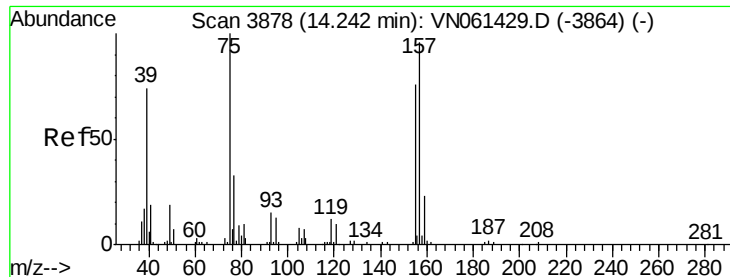
Tot Ion:117 Resp: 314558
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.7#



#91
1,2-Dichlorobenzene
Concen: 0.325 ug/l
RT: 13.63 min Scan# 3687
Delta R.T. -0.00 min
Lab File: VN061437.D
Acq: 18 May 2020 16:17

Tgt Ion:146 Resp: 3096
Ion Ratio Lower Upper
146 100
111 0.0 21.9 65.7#
148 74.4 31.6 94.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 17.084 ug/l

RT: 14.23 min Scan# 3873

Delta R.T. -0.02 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

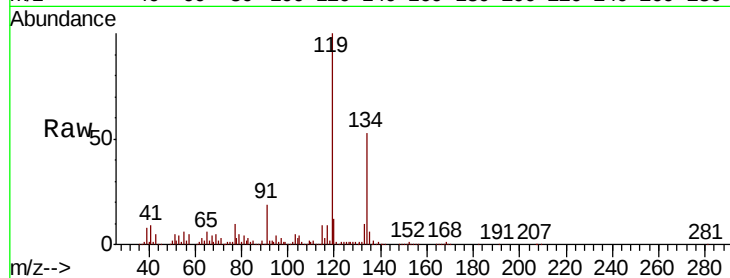
Tot Ion: 75 Resp: 23767

Ion Ratio Lower Upper

75 100

155 0.0 38.9 116.7#

157 1.6 48.6 145.8#

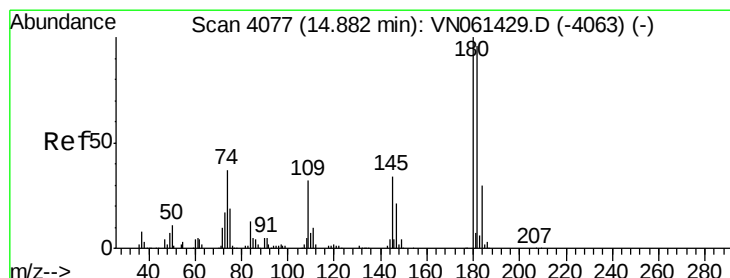
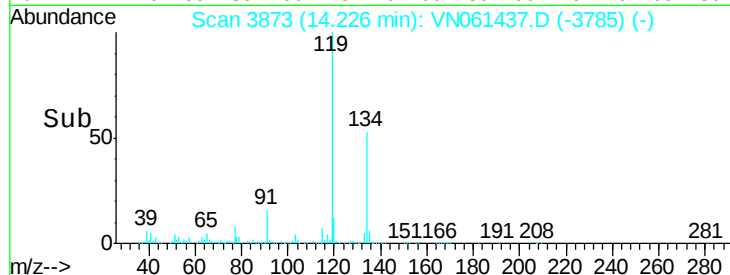


Abundance Ion 74.90 (74.60 to 75.60): VN061429.D (-3864) (-)

Ion 154.80 (154.50 to 155.50): VN061429.D (-3864) (-)

Ion 156.80 (156.50 to 157.50): VN061429.D (-3864) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 2.142 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. -0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

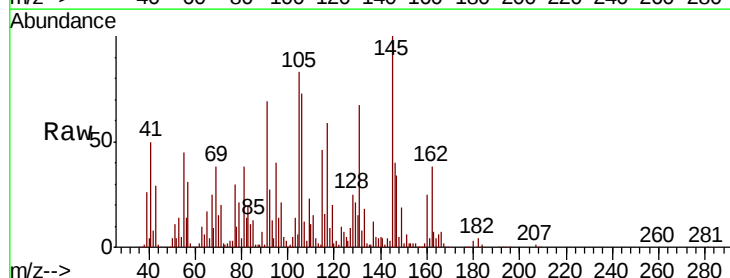
Tgt Ion: 180 Resp: 11079

Ion Ratio Lower Upper

180 100

182 137.6 47.0 141.0

145 1790.0 16.7 50.0#

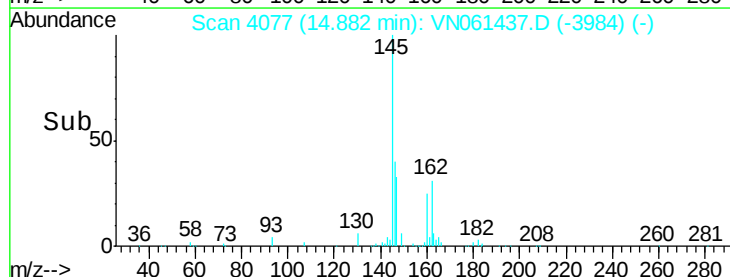


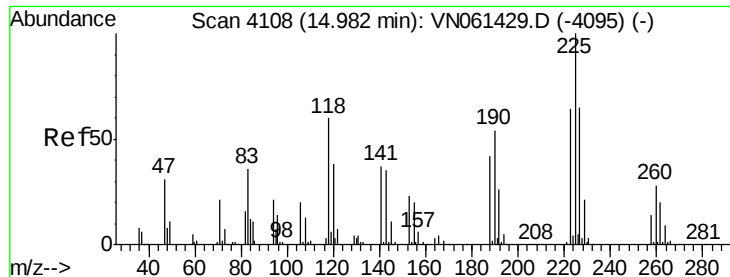
Abundance Ion 179.80 (179.50 to 180.50): VN061429.D (-4063) (-)

Ion 181.80 (181.50 to 182.50): VN061429.D (-4063) (-)

Ion 144.80 (144.50 to 145.50): VN061429.D (-4063) (-)

Time-->





#94

Hexachlorobutadiene

Concen: 1.271 ug/l

RT: 14.98 min Scan# 4108

Delta R.T. -0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

Instrument :

MSVOA_N

ClientSampled :

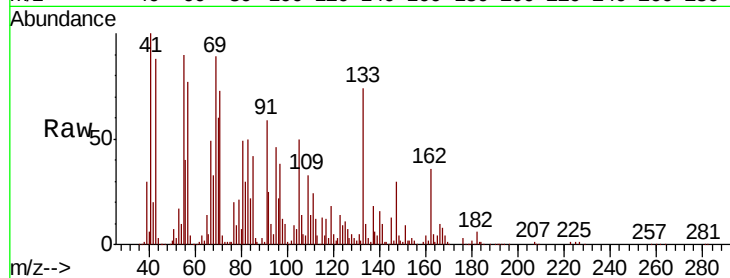
Tot Ion:225 Resp: 2921

Ion Ratio Lower Upper

225 100

223 64.4 31.9 95.7

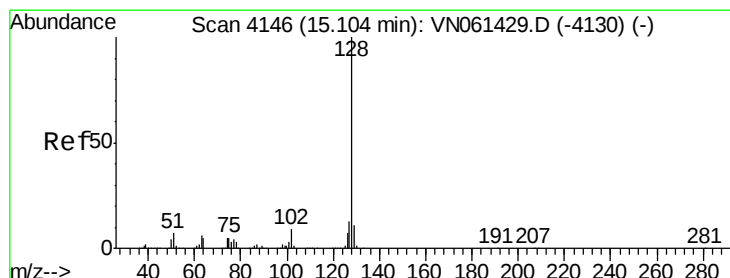
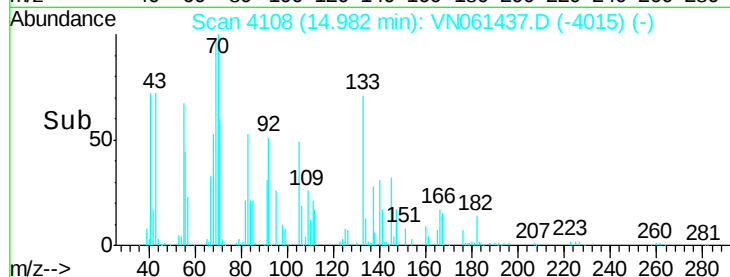
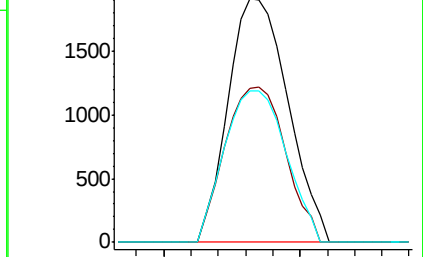
227 64.1 31.5 94.5



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: 34.206 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061437.D

Acq: 18 May 2020 16:17

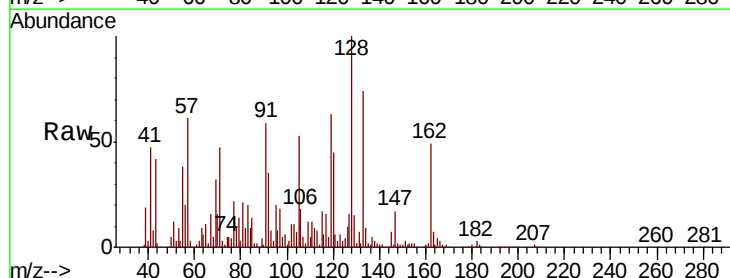
Tgt Ion:128 Resp: 562364

Ion Ratio Lower Upper

128 100

127 18.1 10.1 15.1#

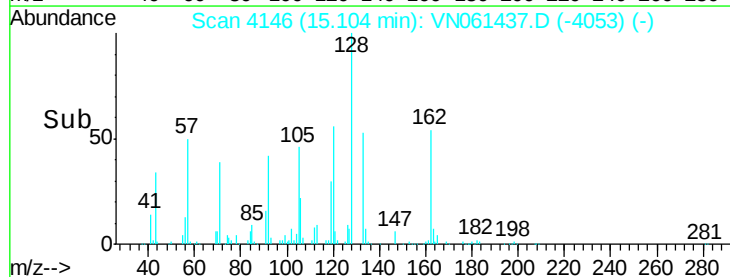
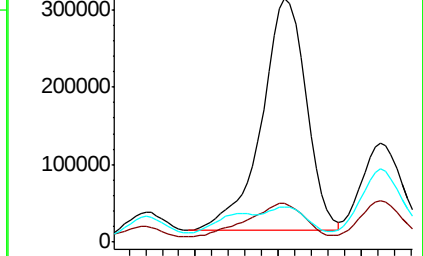
129 0.0 8.6 13.0#

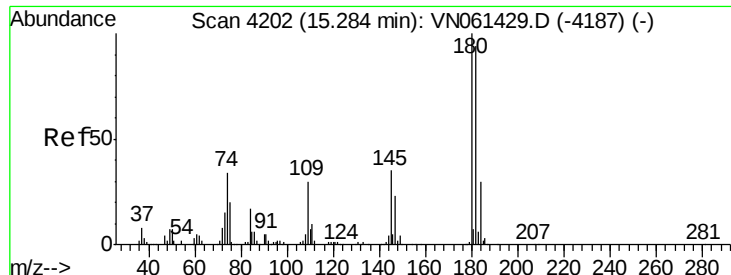


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.318 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. 0.02 min
 Lab File: VN061437.D
 Acq: 18 May 2020 16:17

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 6783
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.8 143.3#
 145 6633.5 17.3 51.9#

